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FDA O-ring at SSP Manufacturing Inc.



Standard O-ring Sizes

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Size Ref. AS 568	Nominal Size (inches)			Actual Size (inches)		Vol. Cu.In.	Actual Size (Millimeters)		Vol. Cu. Cent.
	I.D.	O.D.	Width	I.D.	C.S.		I.D.	C.S.	
#001	1/32	3/32	1/32	.029 ± .004	.004 ± .003	.0003	0.74 ± 0.10	1.02 ± 0.08	.005
#002	3/64	9/64	3/64	.042 ± .004	.050 ± .003	.0006	1.07 ± 0.10	1.27 ± 0.08	.010
#003	1/16	3/16	1/16	.056 ± .004	.060 ± .003	.0010	1.42 ± 0.10	1.53 ± 0.08	.016
#004	5/64	13/64	1/16	.070 ± .005	.070 ± .003	.0017	1.78 ± 0.12	1.78 ± 0.08	.028
#005	7/64	15/64	1/16	.101 ± .005	.070 ± .003	.0021	2.57 ± 0.12	1.78 ± 0.08	.034
#006	1/8	1/4	1/16	.114 ± .005	.070 ± .003	.0022	2.90 ± 0.12	1.78 ± 0.08	.036
#007	5/32	9/32	1/16	.145 ± .005	.070 ± .003	.0026	3.69 ± 0.12	1.78 ± 0.08	.043
#008	3/16	5/16	1/16	.176 ± .005	.070 ± .003	.0030	4.47 ± 0.12	1.78 ± 0.08	.049
#009	7/32	11/32	1/16	.208 ± .005	.070 ± .003	.0034	5.29 ± 0.12	1.78 ± 0.08	.056
#010	1/4	3/8	1/16	.239 ± .005	.070 ± .003	.0037	6.07 ± 0.12	1.78 ± 0.08	.061
#011	5/16	7/16	1/16	.301 ± .005	.070 ± .003	.0045	7.65 ± 0.12	1.78 ± 0.08	.074
#012	3/8	1/2	1/16	.364 ± .005	.070 ± .003	.0052	9.25 ± 0.12	1.78 ± 0.08	.085
#013	7/16	9/16	1/16	.426 ± .005	.070 ± .003	.0060	10.82 ± 0.12	1.78 ± 0.08	.098
#014	1/2	5/8	1/16	.489 ± .005	.070 ± .003	.0068	12.42 ± 1.12	1.78 ± 0.08	.111
#015	9/16	11/16	1/16	.551 ± .007	.070 ± .003	.0075	14.00 ± 0.17	1.78 ± 0.08	.123
#016	5/8	3/4	1/16	.614 ± .009	.070 ± .003	.0083	15.60 ± 0.22	1.78 ± 0.08	.136
#017	11/16	13/16	1/16	.676 ± .009	.070 ± .003	.0090	17.17 ± 0.22	1.78 ± 0.08	.147
#018	3/4	7/8	1/16	.739 ± .009	.070 ± .003	.0098	18.77 ± 0.22	1.78 ± 0.08	.161
#019	13/16	15/16	1/16	.801 ± .009	.070 ± .003	.0105	20.35 ± 0.22	1.78 ± 0.08	.172
#020	7/8	1	1/16	.864 ± .009	.070 ± .003	.0113	21.95 ± 0.22	1.78 ± 0.08	.185
#021	15/16	1-1/16	1/16	.926 ± .009	.070 ± .003	.0120	23.52 ± 0.22	1.78 ± 0.08	.197
#022	1	1-1/8	1/16	.989 ± .010	.070 ± .003	.0128	25.12 ± 0.25	1.78 ± 0.08	.210
#023	1-1/16	1-3/16	1/16	1.051 ± .010	.070 ± .003	.0136	26.70 ± 0.25	1.78 ± 0.08	.223
#024	1-1/8	1-1/4	1/16	1.114 ± 0.10	.070 ± .003	.0143	28.30 ± 0.25	1.78 ± 0.08	.234
#025	1-3/16	1-5/16	1/16	1.176 ± .011	.070 ± .003	.0151	29.87 ± 0.28	1.78 ± 0.08	.247
#026	1-1/4	1-3/8	1/16	1.239 ± .011	.070 ± .003	.0158	31.47 ± 0.28	1.78 ± 0.08	.259
#027	1-5/16	1-7/16	1/16	1.301 ± .011	.070 ± .003	.0166	33.05 ± 0.28	1.78 ± 0.08	.272
#028	1-3/8	1-1/2	1/16	1.364 ± .013	.070 ± .003	.0173	34.65 ± 0.33	1.78 ± 0.08	.283
#029	1-1/2	1-5/8	1/16	1.489 ± .013	.070 ± .003	.0188	37.82 ± 0.33	1.78 ± 0.08	.308
#030	1-5/8	1-3/4	1/16	1.614 ± .013	.070 ± .003	.0204	41.00 ± 0.33	1.78 ± 0.08	.334
#031	1-3/4	1-7/8	1/16	1.739 ± .015	.070 ± .003	.0219	44.17 ± 0.38	1.78 ± 0.08	.359
#032	1-7/8	2	1/16	1.864 ± .015	.070 ± .003	.0234	47.35 ± 0.38	1.78 ± 0.08	.383
#033	2	2-1/8	1/16	1.989 ± .018	.070 ± .003	.0249	50.52 ± 0.46	1.78 ± 0.08	.408
#034	2-1/8	2-1/4	1/16	2.114 ± .018	.070 ± .003	.0264	53.70 ± 0.46	1.78 ± 0.08	.433
#035	2-1/4	2-7/8	1/16	2.239 ± .018	.070 ± .003	.0279	56.87 ± 0.46	1.78 ± 0.08	.457
#036	2-3/8	2-1/2	1/16	2.364 ± .018	.070 ± .003	.0294	60.04 ± 0.46	1.78 ± 0.08	.482
#037	2-1/2	2-5/8	1/16	2.489 ± .018	.070 ± .003	.0309	63.22 ± 0.46	1.78 ± 0.08	.506
#038	2-5/8	2-3/4	1/16	2.614 ± .020	.070 ± .003	.0325	66.40 ± 0.50	1.78 ± 0.08	.533
#039	2-3/4	2-7/8	1/16	2.739 ± .020	.070 ± .003	.0340	69.57 ± 0.50	1.78 ± 0.08	.557
#040	2-7/8	3	1/16	2.864 ± .020	.070 ± .003	.0355	72.75 ± 0.50	1.78 ± 0.08	.582

Standard O-ring Sizes

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Size Ref.	Nominal Size (inches)			Actual Size (inches)		Vol.	Actual Size (Millimeters)		Vol. Cu.
AS 568	I.D.	O.D.	Width	I.D.	C.S.	Cu.In.	I.D.	C.S.	Cent.
#041	3	3-1/8	1/16	2.989 ± .024	.070 ± .003	.0370	75.92 ± 0.61	1.78 ± 0.08	.606
#042	3-1/4	3-3/8	1/16	3.239 ± .024	.070 ± .003	.0400	82.27 ± 0.61	1.78 ± 0.08	.655
#043	3-1/2	3-5/8	1/16	3.489 ± .024	.070 ± .003	.0430	88.62 ± 0.61	1.78 ± 0.08	.705
#044	3-3/4	3-7/8	1/16	3.739 ± .027	.070 ± .003	.0461	94.97 ± 0.69	1.78 ± 0.08	.755
#045	4	4-1/8	1/16	3.989 ± .027	.070 ± .003	.0491	101.32 ± 0.69	1.78 ± 0.08	.805
#046	4-1/4	4-3/8	1/16	4.239 ± .030	.070 ± .003	.0521	107.67 ± 0.76	1.78 ± 0.08	.854
#047	4-1/2	4-5/8	1/16	4.489 ± .030	.070 ± .003	.0551	114.02 ± 0.76	1.78 ± 0.08	.903
#048	4-3/4	4-7/8	1/16	4.739 ± .030	.070 ± .003	.0581	120.37 ± 0.76	1.78 ± 0.08	.952
#049	5	5-1/8	1/16	4.989 ± .037	.070 ± .003	.0612	126.72 ± 0.94	1.78 ± 0.08	1.003
#050	5-1/4	5-3/8	1/16	5.239 ± .037	.070 ± .003	.0642	133.07 ± 0.94	1.78 ± 0.08	1.052
#051 to #101	O-Ring Sizes that are Custom								
#102	1/16	1/4	3/32	.049 ± .005	.103 ± .003	.0040	1.24 ± 0.12	2.62 ± 0.08	.066
#103	3/32	9/32	3/32	.081 ± .005	.103 ± .003	.0048	2.05 ± 0.12	2.62 ± 0.08	.079
#104	1/8	5/16	3/32	.112 ± .005	.103 ± .003	.0056	2.84 ± 0.12	2.62 ± 0.08	.092
#105	5/32	11/32	3/32	.143 ± .005	.103 ± .003	.0064	3.63 ± 0.12	2.62 ± 0.08	.105
#106	3/16	3/8	3/32	.174 ± .005	.103 ± .003	.0073	4.42 ± 0.12	2.62 ± 0.08	.120
#107	7/32	13/32	3/32	.206 ± .005	.103 ± .003	.0081	5.23 ± 0.12	2.62 ± 0.08	.133
#108	1/4	7/16	3/32	.237 ± .005	.103 ± .003	.0089	6.02 ± 0.12	2.62 ± 0.08	.146
#109	5/16	1/2	3/32	.299 ± .005	.103 ± .003	.0105	7.60 ± 0.12	2.62 ± 0.08	.172
#110	3/8	9/16	3/32	.362 ± .005	.103 ± .003	.0122	9.19 ± 0.12	2.62 ± 0.08	.200
#111	7/16	5/8	3/32	.424 ± .005	.103 ± .003	.0138	10.77 ± 0.12	2.62 ± 0.08	.226
#112	1/2	11/16	3/32	.487 ± .005	.103 ± .003	.0154	12.37 ± 0.12	2.62 ± 0.08	.252
#113	9/16	3/4	3/32	.549 ± .005	.103 ± .003	.0171	13.95 ± 0.17	2.62 ± 0.08	.280
#114	5/8	13/16	3/32	.612 ± .009	.103 ± .003	.0187	15.54 ± 0.22	2.62 ± 0.08	.306
#115	11/16	7/8	3/32	.674 ± .009	.103 ± .003	.0203	17.12 ± 0.22	2.62 ± 0.08	.333
#116	3/4	15/16	3/32	.737 ± .009	.103 ± .003	.0220	18.72 ± 0.22	2.62 ± 0.08	.361
#117	13/16	1	3/32	.799 ± .010	.103 ± .003	.0236	20.29 ± 0.25	2.62 ± 0.08	.387
#118	7/8	1-1/16	3/32	.862 ± 0.10	.103 ± .003	.0253	21.90 ± 0.25	2.62 ± 0.08	.415
#119	15/16	1-1/8	3/32	.924 ± .010	.103 ± .003	.0269	23.47 ± 0.25	2.62 ± 0.08	.441
#120	1	1-3/16	3/32	.987 ± .010	.103 ± .003	.0285	25.07 ± 0.25	2.62 ± 0.08	.467
#121	1-1/16	1-1/4	3/32	1.049 ± .010	.103 ± .003	.0302	26.65 ± 0.25	2.62 ± 0.08	.495
#122	1-1/8	1-5/16	3/32	1.112 ± .010	.103 ± .003	.0318	28.25 ± 0.25	2.62 ± 0.08	.521
#123	1-3/16	1-3/8	3/32	1.174 ± .012	.103 ± .003	.0334	29.82 ± 0.30	2.62 ± 0.08	.547
#124	1-1/4	1-7/16	3/32	1.237 ± .012	.103 ± .003	.0351	31.42 ± 0.30	2.62 ± 0.08	.575
#125	1-5/16	1-1/2	3/32	1.299 ± .012	.103 ± .003	.0367	32.99 ± 0.30	2.62 ± 0.08	.601
#126	1-3/8	1-9/16	3/32	1.362 ± .012	.103 ± .003	.0383	34.60 ± 0.30	2.62 ± 0.08	.628
#127	1-7/16	1-5/8	3/32	1.424 ± .012	.103 ± .003	.0400	36.17 ± 0.30	2.62 ± 0.08	.655
#128	1-1/2	1-11/16	3/32	1.487 ± .012	.103 ± .003	.0416	37.77 ± 0.30	2.62 ± 0.08	.682
#129	1-9/16	1-3/4	3/32	1.549 ± .015	.103 ± .003	.0432	39.35 ± 0.38	2.62 ± 0.08	.708



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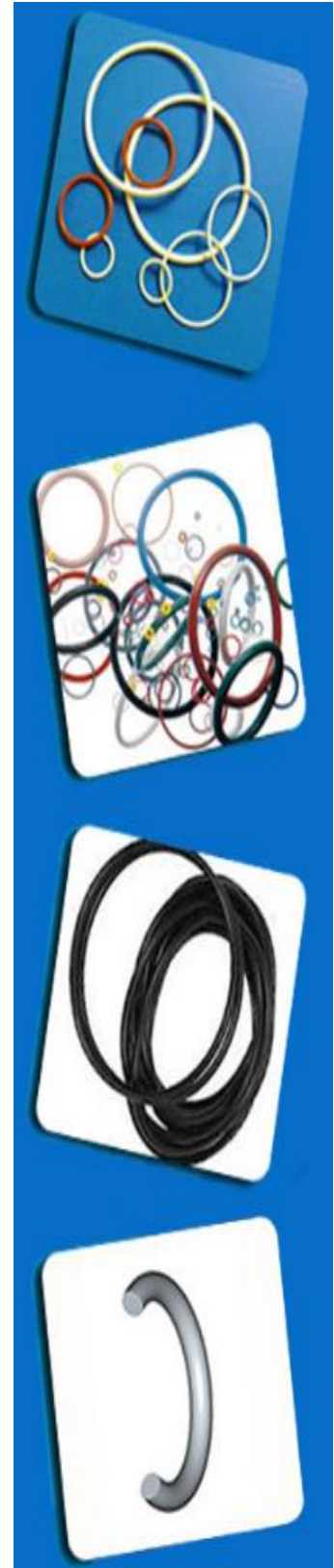


Size Ref.	Nominal Size (inches)			Actual Size (inches)		Vol. Cu.In.	Actual Size (Millimeters)		Vol. Cu. Cent.
	I.D.	O.D.	Width	I.D.	C.S.		I.D.	C.S.	
AS 568									
#130	1-5/8	1-13/16	3/32	1.612 ± .015	.103 ± .003	.0449	40.95 ± 0.38	2.62 ± 0.08	.736
#131	1-11/16	1-7/8	3/32	1.674 ± .015	.103 ± .003	.0465	42.52 ± 0.38	2.62 ± 0.08	.762
#132	1-3/4	1-15/16	3/32	1.737 ± .015	.103 ± .003	.0482	44.12 ± 0.38	2.62 ± 0.08	.790
#133	1-13/16	2	3/32	1.799 ± .015	.103 ± .003	.0498	45.70 ± 0.38	2.62 ± 0.08	.816
#134	1-7/8	2-1/16	3/32	1.862 ± 0.15	.103 ± .003	.0514	47.30 ± 0.38	2.62 ± 0.08	.842
#135	1-15/16	2-1/8	3/32	1.925 ± .017	.103 ± .003	.0531	48.90 ± 0.43	2.62 ± 0.08	.870
#136	2	2-3/16	3/32	1.987 ± .017	.103 ± .003	.0547	50.47 ± 0.43	2.62 ± 0.08	.896
#137	2-1/16	2-1/4	3/32	2.050 ± .017	.103 ± .003	.0564	52.07 ± 0.43	2.62 ± 0.08	.924
#138	2-1/8	2-5/16	3/32	2.112 ± .017	.103 ± .003	.0580	53.65 ± 0.43	2.62 ± 0.08	.950
#139	2-3/16	2-3/8	3/32	2.175 ± .017	.103 ± .003	.0596	55.25 ± 0.43	2.62 ± 0.08	.977
#140	2-1/4	2-7/16	3/32	2.237 ± 0.17	.103 ± .003	.0613	56.82 ± 0.43	2.62 ± 0.08	1.005
#141	2-5/16	2-1/2	3/32	2.300 ± .020	.103 ± .003	.0629	58.42 ± 0.50	2.62 ± 0.08	1.031
#142	2-3/8	2-9/16	3/32	2.362 ± .020	.103 ± .003	.0645	60.00 ± 0.50	2.62 ± 0.08	1.057
#143	2-7/16	2-5/8	3/32	2.425 ± .020	.103 ± .003	.0662	61.60 ± 0.50	2.62 ± 0.08	1.085
#144	2-1/2	2-11/16	3/32	2.487 ± .020	.103 ± .003	.0678	63.17 ± 0.50	2.62 ± 0.08	1.111
#145	2-9/16	2-3/4	3/32	2.550 ± .020	.103 ± .003	.0694	64.77 ± 0.50	2.62 ± 0.08	1.137
#146	2-5/8	2-13/16	3/32	2.612 ± .020	.103 ± .003	.0711	66.35 ± 0.50	2.62 ± 0.08	1.165
#147	2-11/16	2-7/8	3/32	2.675 ± .022	.103 ± .003	.0727	67.95 ± 0.55	2.62 ± 0.08	1.191
#148	2-3/4	2-15/16	3/32	2.737 ± .022	.103 ± .003	.0743	69.52 ± 0.55	2.62 ± 0.08	1.218
#149	2-13/16	3	3/32	2.800 ± .022	.103 ± .003	.0760	71.12 ± 0.55	2.62 ± 0.08	1.245
#150	2-7/8	3-1/16	3/32	2.862 ± .022	.103 ± .003	.0776	72.70 ± 0.55	2.62 ± 0.08	1.272
#151	3	3-3/16	3/32	2.987 ± .024	.103 ± .003	.0809	75.87 ± 0.61	2.62 ± 0.08	1.326
#152	3-1/4	3-7/16	3/32	3.237 ± .024	.103 ± .003	.0874	82.22 ± 0.61	2.62 ± 0.08	1.432
#153	3-1/2	3-11/16	3/32	3.487 ± .024	.103 ± .003	.0940	88.57 ± 0.61	2.62 ± 0.08	1.540
#154	3-3/4	3-15/16	3/32	3.737 ± .028	.103 ± .003	.1005	94.92 ± 0.71	2.62 ± 0.08	1.647
#155	4	4-3/16	3/32	3.987 ± .028	.103 ± .003	.1071	101.27 ± 0.71	2.62 ± 0.08	1.755
#156	4-1/4	4-7/16	3/32	4.237 ± 0.30	.103 ± .003	.1136	107.62 ± 0.76	2.62 ± 0.08	1.862
#157	4-1/2	4-11/16	3/32	4.487 ± .030	.103 ± .003	.1202	113.97 ± 0.76	2.62 ± 0.08	1.970
#158	4-3/4	4-15/16	3/32	4.737 ± .030	.103 ± .003	.1267	120.32 ± 0.76	2.62 ± 0.08	2.076
#159	5	5-3/16	3/32	4.987 ± .035	.103 ± .003	.1332	126.67 ± 0.89	2.62 ± 0.08	2.183
#160	5-1/4	5-7/16	3/32	5.237 ± .035	.103 ± .003	.1398	133.02 ± 0.89	2.62 ± 0.08	2.291
#161	5-1/2	5-11/16	3/32	5.487 ± .035	.103 ± .003	.1463	139.37 ± 0.89	2.62 ± 0.08	2.397
#162	5-3/4	5-15/16	3/32	5.737 ± .035	.103 ± .003	.1529	145.72 ± 0.89	2.62 ± 0.08	2.506
#163	6	6-3/16	3/32	5.987 ± .035	.103 ± .003	.1594	152.07 ± 0.89	2.62 ± 0.08	2.612
#164	6-1/4	6-7/16	3/32	6.237 ± .040	.103 ± .003	.1660	158.42 ± 1.02	2.62 ± 0.08	2.720
#165	6-1/2	6-11/16	3/32	6.487 ± .040	.103 ± .003	.1725	164.77 ± 1.02	2.62 ± 0.08	2.827
#166	6-3/4	6-15/16	3/32	6.737 ± .040	.103 ± .003	.1790	171.12 ± 1.02	2.62 ± 0.08	2.933
#167	7	7-3/16	3/32	6.987 ± .040	.103 ± .003	.1856	177.47 ± 1.02	2.62 ± 0.08	3.041
#168	7-1/4	7-7/16	3/32	7.237 ± .045	.103 ± .003	.1921	183.82 ± 1.14	2.62 ± 0.08	3.148
#169	7-1/2	7-11/16	3/32	7.487 ± .045	.103 ± .003	.1987	190.17 ± 1.14	2.62 ± 0.08	3.256

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Size Ref.	Nominal Size (inches)			Actual Size (inches)		Vol. Cu.In.	Actual Size (Millimeters)		Vol. Cu. Cent.
	I.D.	O.D.	Width	I.D.	C.S.		I.D.	C.S.	
AS 568									
#170	7-3/4	7-15/16	3/32	7.737 ± .045	.103 ± .003	.2052	196.52 ± 1.14	2.62 ± 0.08	3.363
#171	8	8-3/16	3/32	7.987 ± .045	.103 ± .003	.2118	202.87 ± 1.14	2.62 ± 0.08	3.471
#172	8-1/4	8-7/16	3/32	8.237 ± .050	.103 ± .003	.2183	209.22 ± 1.25	2.62 ± 0.08	3.577
#173	8-1/2	8-11/16	3/32	8.487 ± .050	.103 ± .003	.2249	215.57 ± 1.25	2.62 ± 0.08	3.685
#174	8-3/4	8-15/16	3/32	8.737 ± .050	.103 ± .003	.2314	221.92 ± 1.25	2.62 ± 0.08	3.792
#175	9	9-3/16	3/32	8.987 ± .050	.103 ± .003	.2379	228.27 ± 1.25	2.62 ± 0.08	3.898
#176	9-1/4	9-7/16	3/32	9.237 ± .055	.103 ± .003	.2445	234.62 ± 1.40	2.62 ± 0.08	4.007
#177	9-1/2	9-11/16	3/32	9.487 ± .055	.103 ± .003	.2510	240.97 ± 1.40	2.62 ± 0.08	4.113
#178	9-3/4	9-15/16	3/32	9.737 ± .055	.103 ± .003	.2576	247.32 ± 1.40	2.62 ± 0.08	4.221
#179 - #200	O-Ring Sizes that are Custom								
#201	3/16	7/16	1/8	.171 ± .005	.139 ± .004	.0148	4.34 ± 0.12	3.53 ± 0.10	.243
#202	1/4	1/2	1/8	.234 ± .005	.139 ± .004	.0178	5.94 ± 0.12	3.53 ± 0.10	.292
#203	5/16	9/16	1/8	.296 ± .005	.139 ± .004	.0207	7.52 ± 0.12	3.53 ± 0.10	.339
#204	3/8	5/8	1/8	.359 ± .005	.139 ± .004	.0237	9.12 ± 0.12	3.53 ± 0.10	.388
#205	7/16	11/16	1/8	.421 ± .005	.139 ± .004	.0267	10.69 ± 0.12	3.53 ± 0.10	.438
#206	1/2	3/4	1/8	.484 ± .005	.139 ± .004	.0297	12.29 ± 0.12	3.53 ± 0.10	.487
#207	9/16	13/16	1/8	.546 ± .007	.139 ± .004	.0327	13.87 ± 0.17	3.53 ± 0.10	.536
#208	5/8	7/8	1/8	.609 ± .009	.139 ± .004	.0357	15.47 ± 0.23	3.53 ± 0.10	.585
#209	11/16	15/16	1/8	.671 ± .009	.139 ± .004	.0386	17.04 ± 0.23	3.53 ± 0.10	.633
#210	3/4	1	1/8	.734 ± .010	.139 ± .004	.0416	18.64 ± 0.25	3.53 ± 0.10	.682
#211	13/16	1-1/16	1/8	.796 ± .010	.139 ± .004	.0446	20.22 ± 0.25	3.53 ± 0.10	.731
#212	7/8	1-1/8	1/8	.859 ± .010	.139 ± .004	.0476	21.82 ± 0.25	3.53 ± 0.10	.780
#213	15/16	1-3/16	1/8	.921 ± .010	.139 ± .004	.0505	23.40 ± 0.25	3.53 ± 0.10	.828
#214	1	1-1/4	1/8	.984 ± .010	.139 ± .004	.0535	25.00 ± 0.25	3.53 ± 0.10	.877
#215	1-1/16	1-5/16	1/8	1.046 ± .010	.139 ± .004	.0565	26.57 ± 0.25	3.53 ± 0.10	.926
#216	1-1/8	1-3/8	1/8	1.109 ± .012	.139 ± .004	.0595	28.17 ± 0.30	3.53 ± 0.10	.975
#217	1-3/16	1-7/16	1/8	1.171 ± .012	.139 ± .004	.0625	29.75 ± 0.30	3.53 ± 0.10	1.024
#218	1-1/4	1-1/2	1/8	1.234 ± .012	.139 ± .004	.0655	31.34 ± 0.30	3.53 ± 0.10	1.073
#219	1-5/16	1-9/16	1/8	1.296 ± .012	.139 ± .004	.0684	32.92 ± 0.30	3.53 ± 0.10	1.121
#220	1-3/8	1-5/8	1/8	1.359 ± .012	.139 ± .004	.0714	34.52 ± 0.30	3.53 ± 0.10	1.170
#221	1-7/16	1-11/16	1/8	1.421 ± .012	.139 ± .004	.0744	36.10 ± 0.30	3.53 ± 0.10	1.219
#222	1-1/2	1-3/4	1/8	1.484 ± .015	.139 ± .004	.0774	37.70 ± 0.38	3.53 ± 0.10	1.268
#223	1-5/8	1-7/8	1/8	1.609 ± .015	.139 ± .004	.0833	40.87 ± 0.38	3.53 ± 0.10	1.365
#224	1-3/4	2	1/8	1.734 ± .015	.139 ± .004	.0893	44.05 ± 0.38	3.53 ± 0.10	1.463
#225	1-7/8	2-1/8	1/8	1.859 ± .018	.139 ± .004	.0952	47.22 ± 0.46	3.53 ± 0.10	1.560
#226	2	2-1/4	1/8	1.984 ± .018	.139 ± .004	.1012	50.40 ± 0.46	3.53 ± 0.10	1.658
#227	2-1/8	2-3/8	1/8	2.109 ± .018	.139 ± .004	.1072	53.57 ± 0.46	3.53 ± 0.10	1.757
#228	2-1/4	2-1/2	1/8	2.234 ± .020	.139 ± .004	.1131	56.75 ± 0.50	3.53 ± 0.10	1.853
#229	2-3/8	2-5/8	1/8	2.359 ± .020	.139 ± .004	.1191	59.92 ± 0.50	3.53 ± 0.10	1.952



Standard O-ring Sizes

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Size Ref.	Nominal Size (inches)			Actual Size (inches)		Vol. Cu.In.	Actual Size (Millimeters)		Vol. Cu. Cent.
	I.D.	O.D.	Width	I.D.	C.S.		I.D.	C.S.	
AS 568									
#230	2-1/2	2-3/4	1/8	2.484 ± .020	.139 ± .004	.1250	63.10 ± 0.50	3.53 ± 0.10	2.048
#231	2-5/8	2-7/8	1/8	2.609 ± .020	.139 ± .004	.1310	66.27 ± 0.50	3.53 ± 0.10	2.147
#232	2-3/4	3	1/8	2.734 ± .024	.139 ± .004	.1370	69.44 ± 0.61	3.53 ± 0.10	2.245
#233	2-7/8	3-1/8	1/8	2.859 ± .024	.139 ± .004	.1429	72.62 ± 0.61	3.53 ± 0.10	2.342
#234	3	3-1/4	1/8	2.984 ± .024	.139 ± .004	.1489	75.79 ± 0.61	3.53 ± 0.10	2.440
#235	3-1/8	3-3/8	1/8	3.109 ± .024	.139 ± .004	.1548	78.97 ± 0.61	3.53 ± 0.10	2.537
#236	3-1/4	3-1/2	1/8	3.234 ± .024	.139 ± .004	.1608	82.14 ± 0.61	3.53 ± 0.10	2.635
#237	3-3/8	3-5/8	1/8	3.359 ± .024	.139 ± .004	.1668	85.32 ± 0.61	3.53 ± 0.10	2.733
#238	3-1/2	3-3/4	1/8	3.484 ± .024	.139 ± .004	.1727	88.49 ± 0.61	3.53 ± 0.10	2.830
#239	3-5/8	3-7/8	1/8	3.609 ± .028	.139 ± .004	.1787	91.67 ± 0.71	3.53 ± 0.10	2.928
#240	3-3/4	4	1/8	3.734 ± .028	.139 ± .004	.1846	94.84 ± 0.71	3.53 ± 0.10	3.025
#241	3-7/8	4-1/8	1/8	3.859 ± .028	.139 ± .004	.1906	98.02 ± 0.71	3.53 ± 0.10	3.123
#242	4	4-1/4	1/8	3.984 ± .028	.139 ± .004	.1966	101.19 ± 0.71	3.53 ± 0.10	3.222
#243	4-1/8	4-3/8	1/8	4.109 ± .028	.139 ± .004	.2025	104.37 ± 0.71	3.53 ± 0.10	3.318
#244	4-1/4	4-1/2	1/8	4.234 ± .030	.139 ± .004	.2085	107.54 ± 0.76	3.53 ± 0.10	3.417
#245	4-3/8	4-5/8	1/8	4.359 ± .030	.139 ± .004	.2144	110.72 ± 0.76	3.53 ± 0.10	3.513
#246	4-1/2	4-3/4	1/8	4.484 ± .030	.139 ± .004	.2204	113.89 ± 0.76	3.53 ± 0.10	3.612
#247	4-5/8	4-7/8	1/8	4.609 ± .030	.139 ± .004	.2263	117.07 ± 0.76	3.53 ± 0.10	3.708
#248	4-3/4	5	1/8	4.734 ± .030	.139 ± .004	.2323	120.24 ± 0.76	3.53 ± 0.10	3.807
#249	4-7/8	5-1/8	1/8	4.859 ± .035	.139 ± .004	.2383	123.42 ± 0.89	3.53 ± 0.10	3.905
#250	5	5-1/4	1/8	4.984 ± .035	.139 ± .004	.2442	126.59 ± 0.89	3.53 ± 0.10	4.002
#251	5-1/8	5-3/8	1/8	5.109 ± .035	.139 ± .004	.2502	129.77 ± 0.89	3.53 ± 0.10	4.100
#252	5-1/4	5-1/2	1/8	5.234 ± .035	.139 ± .004	.2561	132.94 ± 0.89	3.53 ± 0.10	4.197
#253	5-3/8	5-5/8	1/8	5.359 ± .035	.139 ± .004	.2621	136.12 ± 0.89	3.53 ± 0.10	4.295
#254	5-1/2	5-3/4	1/8	5.484 ± .035	.139 ± .004	.2681	139.30 ± 0.89	3.53 ± 0.10	4.393
#255	5-5/8	5-7/8	1/8	5.609 ± .035	.139 ± .004	.2740	142.47 ± 0.89	3.53 ± 0.10	4.490
#256	5-3/4	6	1/8	5.734 ± .035	.139 ± .004	.2800	145.65 ± 0.89	3.53 ± 0.10	4.588
#257	5-7/8	6-1/8	1/8	5.859 ± .035	.139 ± .004	.2859	148.82 ± 0.89	3.53 ± 0.10	4.685
#258	6	6-1/4	1/8	5.984 ± .035	.139 ± .004	.2919	152.00 ± 0.89	3.53 ± 0.10	4.783
#259	6-1/4	6-1/2	1/8	6.234 ± .040	.139 ± .004	.3038	158.35 ± 1.02	3.53 ± 0.10	4.978
#260	6-1/2	6-3/4	1/8	6.484 ± .040	.139 ± .004	.3157	164.70 ± 1.02	3.53 ± 0.10	5.173
#261	6-3/4	7	1/8	6.734 ± .040	.139 ± .004	.3277	171.05 ± 1.02	3.53 ± 0.10	5.370
#262	7	7-1/4	1/8	6.984 ± .040	.139 ± .004	.3396	177.40 ± 1.02	3.53 ± 0.10	5.565
#263	7-1/4	7-1/2	1/8	7.234 ± .045	.139 ± .004	.3515	183.75 ± 1.14	3.53 ± 0.10	5.760
#264	7-1/2	7-3/4	1/8	7.484 ± .045	.139 ± .004	.3634	190.10 ± 1.14	3.53 ± 0.10	5.955
#265	7-3/4	8	1/8	7.734 ± .045	.139 ± .004	.3753	196.45 ± 1.14	3.53 ± 0.10	6.150
#266	8	8-1/4	1/8	7.984 ± .045	.139 ± .004	.3872	202.80 ± 1.14	3.53 ± 0.10	6.345
#267	8-1/4	8-1/2	1/8	8.234 ± .050	.139 ± .004	.3992	209.15 ± 1.25	3.53 ± 0.10	6.542
#268	8-1/2	8-3/4	1/8	8.484 ± .050	.139 ± .004	.4111	215.50 ± 1.25	3.53 ± 0.10	6.737

Standard O-ring Sizes

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Size Ref.	Nominal Size (inches)			Actual Size (inches)		Vol. Cu.In.	Actual Size (Millimeters)		Vol. Cu. Cent.
	I.D.	O.D.	Width	I.D.	C.S.		I.D.	C.S.	
AS 568									
#269	8-3/4	9	1/8	8.734 ± .050	.139 ± .004	.4230	221.85 ± 1.25	3.53 ± 0.10	6.932
#270	9	9-1/4	1/8	8.984 ± .050	.139 ± .004	.4349	228.20 ± 1.25	3.53 ± 0.10	7.127
#271	9-1/4	9-1/2	1/8	9.234 ± .055	.139 ± .004	.4468	234.55 ± 1.40	3.53 ± 0.10	7.322
#272	9-1/2	9-3/4	1/8	9.484 ± .055	.139 ± .004	.4588	240.90 ± 1.40	3.53 ± 0.10	7.518
#273	9-3/4	10	1/8	9.734 ± .055	.139 ± .004	.4707	247.25 ± 1.40	3.53 ± 0.10	7.713
#274	10	10-1/4	1/8	9.984 ± .055	.139 ± .004	.4826	253.60 ± 1.40	3.53 ± 0.10	7.908
#275	10-1/2	10-3/4	1/8	10.484 ± .055	.139 ± .004	.5064	266.30 ± 1.40	3.53 ± 0.10	8.298
#276	11	11-1/4	1/8	10.984 ± .065	.139 ± .004	.5303	279.00 ± 1.65	3.53 ± 0.10	8.690
#277	11-1/2	11-3/4	1/8	11.484 ± .065	.139 ± .004	.5541	291.70 ± 1.65	3.53 ± 0.10	9.080
#278	12	12-1/4	1/8	11.984 ± .065	.139 ± .004	.5779	304.40 ± 1.65	3.53 ± 0.10	9.470
#279	13	13-1/4	1/8	12.984 ± .065	.139 ± .004	.6256	329.80 ± 1.65	3.53 ± 0.10	10.252
#280	14	14-1/4	1/8	13.984 ± .065	.139 ± .004	.6733	355.20 ± 1.65	3.53 ± 0.10	11.033
#281	15	15-1/4	1/8	14.984 ± .065	.139 ± .004	.7210	380.60 ± 1.65	3.53 ± 0.10	11.815
#282	16	16-1/4	1/8	15.955 ± .075	.139 ± .004	.7672	405.26 ± 1.90	3.53 ± 0.10	12.572
#283	17	17-1/4	1/8	16.955 ± .080	.139 ± .004	.8149	430.66 ± 2.05	3.53 ± 0.10	13.354
#284	18	18-1/4	1/8	17.955 ± .085	.139 ± .004	.8626	456.06 ± 2.15	3.53 ± 0.10	14.136
#285 to #308	O-Ring Sizes that are Custom								
#309	7/16	13/16	3/16	.412 ± .005	.210 ± .005	.0677	10.46 ± 0.12	5.34 ± 0.12	1.109
#312	5/8	1	3/16	.600 ± .009	.210 ± .005	.0881	15.24 ± 0.22	5.34 ± 0.12	1.444
#313	11/16	1-1/16	3/16	.662 ± .009	.210 ± .005	.0949	16.81 ± 0.22	5.34 ± 0.12	1.555
#314	3/4	1-1/8	3/16	.725 ± .010	.210 ± .005	.1017	18.42 ± 0.25	5.34 ± 0.12	1.667
#315	13/16	1-1/2	3/16	.787 ± .010	.210 ± .005	.1085	19.99 ± 0.25	5.34 ± 0.12	1.778
#316	7/8	1-1/4	3/16	.850 ± .010	.210 ± .005	.1153	21.59 ± 0.25	5.34 ± 0.12	1.889
#317	15/16	1-5/16	3/16	.912 ± .010	.210 ± .005	.1221	23.16 ± 0.25	5.34 ± 0.12	2.001
#318	1	1-3/8	3/16	.975 ± .010	.210 ± .005	.1289	24.77 ± 0.25	5.34 ± 0.12	2.112
#319	1-1/16	1-7/16	3/16	1.037 ± .010	.210 ± .005	.1357	26.34 ± 0.25	5.34 ± 0.12	2.224
#320	1-1/8	1-1/2	3/16	1.100 ± .012	.210 ± .005	.1425	27.94 ± 0.30	5.34 ± 0.12	2.335
#321	1-3/16	1-9/16	3/16	1.162 ± .012	.210 ± .005	.1493	29.51 ± 0.30	5.34 ± 0.12	2.447
#322	1-1/4	1-5/8	3/16	1.225 ± .012	.210 ± .005	.1561	31.12 ± 0.30	5.34 ± 0.12	2.558
#323	1-5/16	1-11/16	3/16	1.287 ± .012	.210 ± .005	.1629	32.69 ± 0.30	5.34 ± 0.12	2.669
#324	1-3/8	1-3/4	3/16	1.350 ± .012	.210 ± .005	.1697	34.29 ± 0.30	5.34 ± 0.12	2.781
#325	1-1/2	1-7/8	3/16	1.475 ± .015	.210 ± .005	.1833	37.47 ± 0.38	5.34 ± 0.12	3.004
#326	1-5/8	2	3/16	1.600 ± .015	.210 ± .005	.1970	40.65 ± 0.38	5.34 ± 0.12	3.228
#327	1-3/4	2-1/8	3/16	1.725 ± .015	.210 ± .005	.2106	43.82 ± 0.38	5.34 ± 0.12	3.451
#328	1-7/8	2-1/4	3/16	1.850 ± 0.15	.210 ± .005	.2242	46.99 ± 0.38	5.34 ± 0.12	3.674
#329	2	2-3/8	3/16	1.975 ± 0.18	.210 ± .005	.2378	50.16 ± 0.46	5.34 ± 0.12	3.897
#330	2-1/8	2-1/2	3/16	2.100 ± 0.18	.210 ± .005	.2514	53.34 ± 0.46	5.34 ± 0.12	4.120
#331	2-1/4	2-5/8	3/16	2.225 ± .018	.210 ± .005	.2650	56.52 ± 0.46	5.34 ± 0.12	4.343