AEROSPACE STANDARD	AS568™	REV. F
	Issued 1971-07 Revised 2020-09 Superseding AS568E	

Aerospace Size Standard for O-Rings

RATIONALE

This revision corrects typing errors in Table 1.

1. SCOPE

1.1 Purpose

This SAE Aerospace Standard (AS) specifies the inside diameters, cross-sections, tolerances, and size identification codes (dash numbers) for O-rings used in sealing applications and for straight thread tube fitting boss gaskets. The dimensions and tolerances specified in this standard are suitable for any elastomeric material provided that suitable tooling is available.

1.2 Application

1.2.1 This standard is intended to be used in the preparation of Company, Military, or other Standard Drawings for O-rings. Each dash number, which should be appended to an appropriate Drawing or Standard number, identifies one nominal size O-ring only.

1.2.2 No attempt is made in this AS to indicate which of the O-ring sizes listed under this system should be included in any particular Standard Drawing. Its only purpose is to standardize O-ring sizes and dimensional tolerances and the means of identifying them dimensionally.

2. REFERENCES

There are no referenced publications specified herein.

3. NOTES

3.1 Revision Indicator

A change bar (l) located in the left margin is for the convenience of the user in locating areas where technical revisions, not editorial changes, have been made to the previous issue of this document. An (R) symbol to the left of the document title indicates a complete revision of the document, including technical revisions. Change bars and (R) are not used in original publications, nor in documents that contain editorial changes only.

TO PLACE A DOCUMENT ORDER: **Tel: 877-606-7323 (inside USA and Canada)**
Tel: +1 724-776-4970 (outside USA)
Fax: 724-776-0790
Email: CustomerService@sae.org
SAE WEB ADDRESS: **http://www.sae.org**

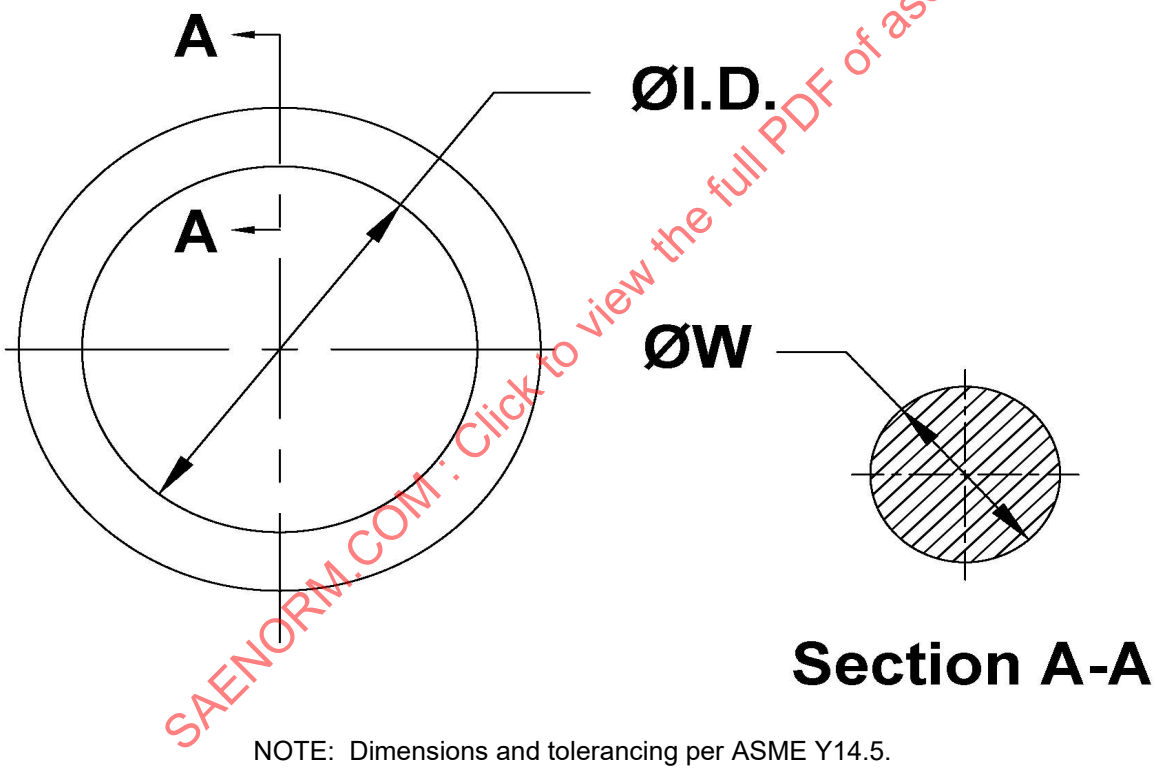
For more information on this standard, visit
https://www.sae.org/standards/content/AS568F/

3.2 In Table 1, the dash numbers are divided into groups of 100, and within each group they are sequential and non-significant. Each hundred group, however, identifies the cross-section size of the O-rings within the group. For example, all .070 inch (1.78 mm) and smaller O-ring cross sections fall into the group of -001 through -099. The .103 inch (2.62 mm) cross section rings fall into the group of -100 through -199, and so on.

3.3 Table 2, using the 900 series dash numbers, lists all of the presently standardized straight thread tube fitting boss gaskets. This series has traditionally utilized the significant dash numbering system, wherein the dash number designates the tube size in sixteenths of an inch. This practice is also followed here, with the exception of the -901, which is intended for a .0938 inch (2.38 mm) nominal ØOD (outside diameter) tube, the .0625 inch (1.59 mm) ØOD tube not being in common aircraft use.

3.4 In the interest of standardization, it is requested that companies or agencies do not use the dash numbers in Table 1 to which sizes have not been assigned. Sizes not assigned are indicated by an asterisk (*). Anyone feeling that any special size not now shown is widely enough used to justify standardization should direct such a request to SAE A-6 Committee for coordination.

3.5 Figure 1 illustrates that all diameters of the cross-section should be equal.



NOTE: Dimensions and tolerancing per ASME Y14.5.

Figure 1 - O-Ring dimensions: width (ØW) and inside diameter (ØID)

Table 1 - Aerospace size standards for O-rings

Dash Number	ØID Inches min	ØID Inches max	ØID mm min	ØID mm max	ØW Inches min	ØW Inches max	ØW mm min	ØW mm max	Volume (Ref) in^3	Volume (Ref) cm^3
-001	.025	.033	0.64	0.84	.037	.043	0.94	1.09	.0003	0.005
-002	.038	.046	0.97	1.17	.047	.053	1.19	1.35	.0006	0.010
-003	.052	.060	1.32	1.52	.057	.063	1.45	1.60	.0010	0.016
-004	.065	.075	1.65	1.91	.067	.073	1.70	1.85	.0017	0.028
-005	.096	.106	2.44	2.69	.067	.073	1.70	1.85	.0021	0.034
-006	.109	.119	2.77	3.02	.067	.073	1.70	1.85	.0022	0.036
-007	.140	.150	3.56	3.81	.067	.073	1.70	1.85	.0026	0.043
-008	.171	.181	4.34	4.60	.067	.073	1.70	1.85	.0030	0.049
-009	.203	.213	5.16	5.41	.067	.073	1.70	1.85	.0034	0.056
-010	.234	.244	5.94	6.20	.067	.073	1.70	1.85	.0037	0.061
-011	.296	.306	7.52	7.77	.067	.073	1.70	1.85	.0045	0.074
-012	.359	.369	9.12	9.37	.067	.073	1.70	1.85	.0052	0.085
-013	.421	.431	10.69	10.95	.067	.073	1.70	1.85	.0060	0.098
-014	.484	.494	12.29	12.55	.067	.073	1.70	1.85	.0068	0.111
-015	.544	.558	13.82	14.17	.067	.073	1.70	1.85	.0075	0.123
-016	.605	.623	15.37	15.82	.067	.073	1.70	1.85	.0083	0.136
-017	.667	.685	16.94	17.40	.067	.073	1.70	1.85	.0090	0.147
-018	.730	.748	18.54	19.00	.067	.073	1.70	1.85	.0098	0.161
-019	.792	.810	20.12	20.57	.067	.073	1.70	1.85	.0105	0.172
-020	.855	.873	21.72	22.17	.067	.073	1.70	1.85	.0113	0.185
-021	.917	.935	23.29	23.75	.067	.073	1.70	1.85	.0120	0.197
-022	.979	.999	24.87	25.37	.067	.073	1.70	1.85	.0128	0.210
-023	1.041	1.061	26.44	26.95	.067	.073	1.70	1.85	.0136	0.223
-024	1.104	1.124	28.04	28.55	.067	.073	1.70	1.85	.0143	0.234
-025	1.165	1.187	29.59	30.15	.067	.073	1.70	1.85	.0151	0.247
-026	1.228	1.250	31.19	31.75	.067	.073	1.70	1.85	.0158	0.259
-027	1.290	1.312	32.77	33.32	.067	.073	1.70	1.85	.0166	0.272
-028	1.351	1.377	34.32	34.98	.067	.073	1.70	1.85	.0173	0.283
-029	1.476	1.502	37.49	38.15	.067	.073	1.70	1.85	.0188	0.308
-030	1.601	1.627	40.67	41.33	.067	.073	1.70	1.85	.0204	0.334
-031	1.724	1.754	43.79	44.55	.067	.073	1.70	1.85	.0219	0.359
-032	1.849	1.879	46.96	47.73	.067	.073	1.70	1.85	.0234	0.383
-033	1.971	2.007	50.06	50.98	.067	.073	1.70	1.85	.0249	0.408
-034	2.096	2.132	53.24	54.15	.067	.073	1.70	1.85	.0264	0.433
-035	2.221	2.257	56.41	57.33	.067	.073	1.70	1.85	.0279	0.457

Table 1 - Aerospace size standards for O-rings (continued)

Dash Number	ØID Inches min	ØID Inches max	ØID mm min	ØID mm max	ØW Inches min	ØW Inches max	ØW mm min	ØW mm max	Volume (Ref) in^3	Volume (Ref) cm^3
-036	2.346	2.382	59.59	60.50	.067	.073	1.70	1.85	.0294	0.482
-037	2.471	2.507	62.76	63.68	.067	.073	1.70	1.85	.0309	0.506
-038	2.594	2.634	65.89	66.90	.067	.073	1.70	1.85	.0325	0.533
-039	2.719	2.759	69.06	70.08	.067	.073	1.70	1.85	.0340	0.557
-040	2.844	2.884	72.24	73.25	.067	.073	1.70	1.85	.0355	0.582
-041	2.965	3.013	75.31	76.53	.067	.073	1.70	1.85	.0370	0.606
-042	3.215	3.263	81.66	82.88	.067	.073	1.70	1.85	.0400	0.655
-043	3.465	3.513	88.01	89.23	.067	.073	1.70	1.85	.0430	0.705
-044	3.712	3.766	94.28	95.66	.067	.073	1.70	1.85	.0461	0.755
-045	3.962	4.016	100.63	102.01	.067	.073	1.70	1.85	.0491	0.805
-046	4.209	4.269	106.91	108.43	.067	.073	1.70	1.85	.0521	0.854
-047	4.459	4.519	113.26	114.78	.067	.073	1.70	1.85	.0551	0.903
-048	4.709	4.769	119.61	121.13	.067	.073	1.70	1.85	.0581	0.952
-049	4.952	5.026	125.78	127.66	.067	.073	1.70	1.85	.0612	1.003
-050	5.202	5.276	132.13	134.01	.067	.073	1.70	1.85	.0642	1.052
*051 THRU *101	*O-RING SIZES NOT ASSIGNED									
-102	.044	.054	1.12	1.37	.100	.106	2.54	2.69	.0040	0.066
-103	.076	.086	1.93	2.18	.100	.106	2.54	2.69	.0048	0.079
-104	.107	.117	2.72	2.97	.100	.106	2.54	2.69	.0056	0.092
-105	.138	.148	3.51	3.76	.100	.106	2.54	2.69	.0064	0.105
-106	.169	.179	4.29	4.55	.100	.106	2.54	2.69	.0073	0.120
-107	.201	.211	5.11	5.36	.100	.106	2.54	2.69	.0081	0.133
-108	.232	.242	5.89	6.15	.100	.106	2.54	2.69	.0089	0.146
-109	.294	.304	7.47	7.72	.100	.106	2.54	2.69	.0105	0.172
-110	.357	.367	9.07	9.32	.100	.106	2.54	2.69	.0122	0.200
-111	.419	.429	10.64	10.90	.100	.106	2.54	2.69	.0138	0.226
-112	.482	.492	12.24	12.50	.100	.106	2.54	2.69	.0154	0.252
-113	.542	.556	13.77	14.12	.100	.106	2.54	2.69	.0171	0.280
-114	.603	.621	15.32	15.77	.100	.106	2.54	2.69	.0187	0.306
-115	.665	.683	16.89	17.35	.100	.106	2.54	2.69	.0203	0.333
-116	.728	.746	18.49	18.95	.100	.106	2.54	2.69	.0220	0.361
-117	.789	.809	20.04	20.55	.100	.106	2.54	2.69	.0236	0.387
-118	.852	.872	21.64	22.15	.100	.106	2.54	2.69	.0253	0.415
-119	.914	.934	23.22	23.72	.100	.106	2.54	2.69	.0269	0.441
-120	.977	.997	24.82	25.32	.100	.106	2.54	2.69	.0285	0.467

Table 1 - Aerospace size standards for O-rings (continued)

Dash Number	ØID Inches min	ØID Inches max	ØID mm min	ØID mm max	ØW Inches min	ØW Inches max	ØW mm min	ØW mm max	Volume (Ref) in^3	Volume (Ref) cm^3
-121	1.039	1.059	26.39	26.90	.100	.106	2.54	2.69	.0302	0.495
-122	1.102	1.122	27.99	28.50	.100	.106	2.54	2.69	.0318	0.521
-123	1.162	1.186	29.51	30.12	.100	.106	2.54	2.69	.0334	0.547
-124	1.225	1.249	31.12	31.72	.100	.106	2.54	2.69	.0351	0.575
-125	1.287	1.311	32.69	33.30	.100	.106	2.54	2.69	.0367	0.601
-126	1.350	1.374	34.29	34.90	.100	.106	2.54	2.69	.0383	0.628
-127	1.412	1.436	35.86	36.47	.100	.106	2.54	2.69	.0400	0.655
-128	1.475	1.499	37.46	38.07	.100	.106	2.54	2.69	.0416	0.682
-129	1.534	1.564	38.96	39.73	.100	.106	2.54	2.69	.0432	0.708
-130	1.597	1.627	40.56	41.33	.100	.106	2.54	2.69	.0449	0.736
-131	1.659	1.689	42.14	42.90	.100	.106	2.54	2.69	.0465	0.762
-132	1.722	1.752	43.74	44.50	.100	.106	2.54	2.69	.0482	0.790
-133	1.784	1.814	45.31	46.08	.100	.106	2.54	2.69	.0498	0.816
-134	1.847	1.877	46.91	47.68	.100	.106	2.54	2.69	.0514	0.842
-135	1.908	1.942	48.46	49.33	.100	.106	2.54	2.69	.0531	0.870
-136	1.970	2.004	50.04	50.90	.100	.106	2.54	2.69	.0547	0.896
-137	2.033	2.067	51.64	52.50	.100	.106	2.54	2.69	.0564	0.924
-138	2.095	2.129	53.21	54.08	.100	.106	2.54	2.69	.0580	0.950
-139	2.158	2.192	54.81	55.68	.100	.106	2.54	2.69	.0596	0.977
-140	2.220	2.254	56.39	57.25	.100	.106	2.54	2.69	.0613	1.005
-141	2.280	2.320	57.91	58.93	.100	.106	2.54	2.69	.0629	1.031
-142	2.342	2.382	59.49	60.50	.100	.106	2.54	2.69	.0645	1.057
-143	2.405	2.445	61.09	62.10	.100	.106	2.54	2.69	.0662	1.085
-144	2.467	2.507	62.66	63.68	.100	.106	2.54	2.69	.0678	1.111
-145	2.530	2.570	64.26	65.28	.100	.106	2.54	2.69	.0694	1.137
-146	2.592	2.632	65.84	66.85	.100	.106	2.54	2.69	.0711	1.165
-147	2.653	2.697	67.39	68.50	.100	.106	2.54	2.69	.0727	1.191
-148	2.715	2.759	68.96	70.08	.100	.106	2.54	2.69	.0743	1.218
-149	2.778	2.822	70.56	71.68	.100	.106	2.54	2.69	.0760	1.245
-150	2.840	2.884	72.14	73.25	.100	.106	2.54	2.69	.0776	1.272
-151	2.963	3.011	75.26	76.48	.100	.106	2.54	2.69	.0809	1.326
-152	3.213	3.261	81.61	82.83	.100	.106	2.54	2.69	.0874	1.432
-153	3.463	3.511	87.96	89.18	.100	.106	2.54	2.69	.0940	1.540
-154	3.709	3.765	94.21	95.63	.100	.106	2.54	2.69	.1005	1.647
-155	3.959	4.015	100.56	101.98	.100	.106	2.54	2.69	.1071	1.755

Table 1 - Aerospace size standards for O-rings (continued)

Dash Number	ØID Inches min	ØID Inches max	ØID mm min	ØID mm max	ØW Inches min	ØW Inches max	ØW mm min	ØW mm max	Volume (Ref) in^3	Volume (Ref) cm^3
-156	4.207	4.267	106.86	108.38	.100	.106	2.54	2.69	.1136	1.862
-157	4.457	4.517	113.21	114.73	.100	.106	2.54	2.69	.1202	1.970
-158	4.707	4.767	119.56	121.08	.100	.106	2.54	2.69	.1267	2.076
-159	4.952	5.022	125.78	127.56	.100	.106	2.54	2.69	.1332	2.183
-160	5.202	5.272	132.13	133.91	.100	.106	2.54	2.69	1.1398	2.291
-161	5.452	5.522	138.48	140.26	.100	.106	2.54	2.69	.1463	2.397
-162	5.702	5.772	144.83	146.61	.100	.106	2.54	2.69	.1529	2.506
-163	5.952	6.022	151.18	152.96	.100	.106	2.54	2.69	.1594	2.612
-164	6.197	6.277	157.40	159.44	.100	.106	2.54	2.69	.1660	2.720
-165	6.447	6.527	163.75	165.79	.100	.106	2.54	2.69	.1725	2.827
-166	6.697	6.777	170.10	172.14	.100	.106	2.54	2.69	.1790	2.933
-167	6.947	7.027	176.45	178.49	.100	.106	2.54	2.69	.1856	3.041
-168	7.192	7.282	182.68	184.96	.100	.106	2.54	2.69	.1921	3.148
-169	7.442	7.532	189.03	191.31	.100	.106	2.54	2.69	.1987	3.256
-170	7.692	7.782	195.38	197.66	.100	.106	2.54	2.69	.2052	3.363
-171	7.942	8.032	201.73	204.01	.100	.106	2.54	2.69	.2118	3.471
-172	8.187	8.287	207.95	210.49	.100	.106	2.54	2.69	.2183	3.577
-173	8.437	8.537	214.30	216.84	.100	.106	2.54	2.69	.2249	3.685
-174	8.687	8.787	220.65	223.19	.100	.106	2.54	2.69	.2314	3.792
-175	8.937	9.037	227.00	229.54	.100	.106	2.54	2.69	.2379	3.898
-176	9.182	9.292	233.22	236.02	.100	.106	2.54	2.69	.2445	4.007
-177	9.432	9.542	239.57	242.37	.100	.106	2.54	2.69	.2510	4.113
-178	9.682	9.792	245.92	248.72	.100	.106	2.54	2.69	.2576	4.221
*179 THRU *200	*O-RING SIZES NOT ASSIGNED									
-201	.166	.176	4.22	4.47	.135	.143	3.43	3.63	.0148	0.243
-202	.229	.239	5.82	6.07	.135	.143	3.43	3.63	.0178	0.292
-203	.291	.301	7.39	7.65	.135	.143	3.43	3.63	.0207	0.339
-204	.354	.364	8.99	9.25	.135	.143	3.43	3.63	.0237	0.388
-205	.416	.426	10.57	10.82	.135	.143	3.43	3.63	.0267	0.438
-206	.479	.489	12.17	12.42	.135	.143	3.43	3.63	.0297	0.487
-207	.539	.553	13.69	14.05	.135	.143	3.43	3.63	.0327	0.536
-208	.600	.618	15.24	15.70	.135	.143	3.43	3.63	.0357	0.586
-209	.662	.680	16.81	17.27	.135	.143	3.43	3.63	.0386	0.633
-210	.724	.744	18.39	18.90	.135	.143	3.43	3.63	.0416	0.682

Table 1 - Aerospace size standards for O-rings (continued)

Dash Number	ØID Inches min	ØID Inches max	ØID mm min	ØID mm max	ØW Inches min	ØW Inches max	ØW mm min	ØW mm max	Volume (Ref) in^3	Volume (Ref) cm^3
-211	.786	.806	19.96	20.47	.135	.143	3.43	3.63	.0446	0.731
-212	.849	.869	21.56	22.07	.135	.143	3.43	3.63	.0476	0.780
-213	.911	.931	23.14	23.65	.135	.143	3.43	3.63	.0505	0.828
-214	.974	.994	24.74	25.25	.135	.143	3.43	3.63	.0535	0.877
-215	1.036	1.056	26.31	26.82	.135	.143	3.43	3.63	.0565	0.926
-216	1.097	1.121	27.86	28.47	.135	.143	3.43	3.63	.0595	0.975
-217	1.159	1.183	29.44	30.05	.135	.143	3.43	3.63	.0625	1.024
-218	1.222	1.246	31.04	31.65	.135	.143	3.43	3.63	.0655	1.073
-219	1.284	1.308	32.61	33.22	.135	.143	3.43	3.63	.0684	1.121
-220	1.347	1.371	34.21	34.82	.135	.143	3.43	3.63	.0714	1.170
-221	1.409	1.433	35.79	36.40	.135	.143	3.43	3.63	.0744	1.219
-222	1.469	1.499	37.31	38.07	.135	.143	3.43	3.63	.0774	1.268
-223	1.594	1.624	40.49	41.25	.135	.143	3.43	3.63	.0833	1.365
-224	1.719	1.749	43.66	44.42	.135	.143	3.43	3.63	.0893	1.463
-225	1.841	1.877	46.76	47.68	.135	.143	3.43	3.63	.0952	1.560
-226	1.966	2.002	49.94	50.85	.135	.143	3.43	3.63	.1012	1.658
-227	2.091	2.127	53.11	54.03	.135	.143	3.43	3.63	.1072	1.757
-228	2.214	2.254	56.24	57.25	.135	.143	3.43	3.63	.1131	1.853
-229	2.339	2.379	59.41	60.43	.135	.143	3.43	3.63	.1191	1.952
-230	2.464	2.504	62.59	63.60	.135	.143	3.43	3.63	.1250	2.048
-231	2.589	2.629	65.76	66.78	.135	.143	3.43	3.63	.1310	2.147
-232	2.710	2.758	68.83	70.05	.135	.143	3.43	3.63	.1370	2.245
-233	2.835	2.883	72.01	73.23	.135	.143	3.43	3.63	.1429	2.342
-234	2.960	3.008	75.18	76.40	.135	.143	3.43	3.63	.1489	2.440
-235	3.085	3.133	78.36	79.58	.135	.143	3.43	3.63	.1548	2.537
-236	3.210	3.258	81.53	82.75	.135	.143	3.43	3.63	.1608	2.635
-237	3.335	3.383	84.71	85.93	.135	.143	3.43	3.63	.1668	2.733
-238	3.460	3.508	87.88	89.10	.135	.143	3.43	3.63	.1727	2.830
-239	3.581	3.637	90.96	92.38	.135	.143	3.43	3.63	.1787	2.928
-240	3.706	3.762	94.13	95.55	.135	.143	3.43	3.63	.1846	3.025
-241	3.831	3.887	97.31	98.73	.135	.143	3.43	3.63	.1906	3.123
-242	3.956	4.012	100.48	101.90	.135	.143	3.43	3.63	.1966	3.222
-243	4.081	4.137	103.66	105.08	.135	.143	3.43	3.63	.2025	3.318
-244	4.204	4.264	106.76	108.31	.135	.143	3.43	3.63	.2085	3.417
-245	4.329	4.389	109.96	111.48	.135	.143	3.43	3.63	.2144	3.513

Table 1 - Aerospace size standards for O-rings (continued)

Dash Number	ØID Inches min	ØID Inches max	ØID mm min	ØID mm max	ØW Inches min	ØW Inches max	ØW mm min	ØW mm max	Volume (Ref) in^3	Volume (Ref) cm^3
-246	4.454	4.514	113.13	114.66	.135	.143	3.43	3.63	.2204	3.612
-247	4.579	4.639	116.31	117.83	.135	.143	3.43	3.63	.2263	3.708
-248	4.704	4.764	119.48	121.01	.135	.143	3.43	3.63	.2323	3.807
-249	4.824	4.894	122.53	124.31	.135	.143	3.43	3.63	.2383	3.905
-250	4.949	5.019	125.70	127.48	.135	.143	3.43	3.63	.2442	4.002
-251	5.074	5.144	128.88	130.66	.135	.143	3.43	3.63	.2502	4.100
-252	5.199	5.269	132.05	133.83	.135	.143	3.43	3.63	.2561	4.197
-253	5.324	5.394	135.23	137.01	.135	.143	3.43	3.63	.2621	4.295
-254	5.449	5.519	138.40	140.18	.135	.143	3.43	3.63	.2681	4.393
-255	5.574	5.644	141.58	143.36	.135	.143	3.43	3.63	.2740	4.490
-256	5.699	5.769	144.75	146.53	.135	.143	3.43	3.63	.2800	4.588
-257	5.824	5.894	147.93	149.71	.135	.143	3.43	3.63	.2859	4.685
-258	5.949	6.019	151.10	152.88	.135	.143	3.43	3.63	.2919	4.783
-259	6.194	6.274	157.33	159.36	.135	.143	3.43	3.63	.3038	4.978
-260	6.444	6.524	163.68	165.71	.135	.143	3.43	3.63	.3157	5.173
-261	6.694	6.774	170.03	172.06	.135	.143	3.43	3.63	.3277	5.370
-262	6.944	7.024	176.38	178.41	.135	.143	3.43	3.63	.3396	5.565
-263	7.189	7.279	182.60	184.89	.135	.143	3.43	3.63	.3515	5.760
-264	7.439	7.529	188.95	191.24	.135	.143	3.43	3.63	.3634	5.955
-265	7.689	7.779	195.30	197.59	.135	.143	3.43	3.63	.3753	6.150
-266	7.939	8.029	201.65	203.94	.135	.143	3.43	3.63	.3872	6.345
-267	8.184	8.284	207.87	210.41	.135	.143	3.43	3.63	.3992	6.542
-268	8.434	8.534	214.22	216.76	.135	.143	3.43	3.63	.4111	6.737
-269	8.684	8.784	220.57	223.11	.135	.143	3.43	3.63	.4230	6.932
-270	8.934	9.034	226.92	229.46	.135	.143	3.43	3.63	.4349	7.127
-271	9.179	9.289	233.15	235.94	.135	.143	3.43	3.63	.4468	7.322
-272	9.429	9.539	239.50	242.29	.135	.143	3.43	3.63	.4588	7.518
-273	9.679	9.789	245.85	248.64	.135	.143	3.43	3.63	.4707	7.713
-274	9.929	10.039	252.20	254.99	.135	.143	3.43	3.63	.4826	7.908
-275	10.429	10.539	264.90	267.69	.135	.143	3.43	3.63	.5064	8.298
-276	10.919	11.049	277.34	280.64	.135	.143	3.43	3.63	.5303	8.690
-277	11.419	11.549	290.04	293.34	.135	.143	3.43	3.63	.5541	9.080
-278	11.919	12.049	302.74	306.04	.135	.143	3.43	3.63	.5779	9.470
-279	12.919	13.049	328.14	331.44	.135	.143	3.43	3.63	.6256	10.252
-280	13.919	14.049	353.54	356.84	.135	.143	3.43	3.63	.6733	11.033

Table 1 - Aerospace size standards for O-rings (continued)

Dash Number	ØID Inches min	ØID Inches max	ØID mm min	ØID mm max	ØW Inches min	ØW Inches max	ØW mm min	ØW mm max	Volume (Ref) in^3	Volume (Ref) cm^3
-281	14.919	15.049	378.94	382.24	.135	.143	3.43	3.63	.7210	11.815
-282	15.880	16.030	403.35	407.16	.135	.143	3.43	3.63	.7672	12.572
-283	16.875	17.035	428.63	432.69	.135	.143	3.43	3.63	.8149	13.354
-284	17.870	18.040	453.90	458.22	.135	.143	3.43	3.63	.8626	14.136
*285 THRU *308	*O-RING SIZES NOT ASSIGNED									
-309	.407	.417	10.34	10.59	.205	.215	5.21	5.46	.0677	1.109
-310	.470	.480	11.94	12.19	.205	.215	5.21	5.46	.0745	1.221
-311	.530	.544	13.46	13.82	.205	.215	5.21	5.46	.0813	1.332
-312	.591	.609	15.01	15.47	.205	.215	5.21	5.46	.0881	1.444
-313	.653	.671	16.59	17.04	.205	.215	5.21	5.46	.0949	1.555
-314	.715	.735	18.16	18.67	.205	.215	5.21	5.46	.1017	1.667
-315	.777	.797	19.74	20.24	.205	.215	5.21	5.46	.1085	1.778
-316	.840	.860	21.34	21.84	.205	.215	5.21	5.46	.1153	1.889
-317	.902	.922	22.91	23.42	.205	.215	5.21	5.46	.1221	2.001
-318	.965	.985	24.51	25.02	.205	.215	5.21	5.46	.1289	2.112
-319	1.027	1.047	26.09	26.59	.205	.215	5.21	5.46	.1357	2.224
-320	1.088	1.112	27.64	28.24	.205	.215	5.21	5.46	.1425	2.335
-321	1.150	1.174	29.21	29.82	.205	.215	5.21	5.46	.1493	2.447
-322	1.213	1.237	30.81	31.42	.205	.215	5.21	5.46	.1561	2.558
-323	1.275	1.299	32.39	32.99	.205	.215	5.21	5.46	.1629	2.669
-324	1.338	1.362	33.99	34.59	.205	.215	5.21	5.46	.1697	2.781
-325	1.460	1.490	37.08	37.85	.205	.215	5.21	5.46	.1833	3.004
-326	1.585	1.615	40.26	41.02	.205	.215	5.21	5.46	.1970	3.228
-327	1.710	1.740	43.43	44.20	.205	.215	5.21	5.46	.2106	3.451
-328	1.835	1.865	46.61	47.37	.205	.215	5.21	5.46	.2242	3.674
-329	1.957	1.993	49.71	50.62	.205	.215	5.21	5.46	.2378	3.897
-330	2.082	2.118	52.88	53.80	.205	.215	5.21	5.46	.2514	4.120
-331	2.207	2.243	56.06	56.97	.205	.215	5.21	5.46	.2650	4.343
-332	2.332	2.368	59.23	60.15	.205	.215	5.21	5.46	.2786	4.565
-333	2.455	2.495	62.36	63.37	.205	.215	5.21	5.46	.2922	4.788
-334	2.580	2.620	65.53	66.55	.205	.215	5.21	5.46	.3058	5.011
-335	2.705	2.745	68.71	69.72	.205	.215	5.21	5.46	.3194	5.234

Table 1 - Aerospace size standards for O-rings (continued)

Dash Number	ØID Inches min	ØID Inches max	ØID mm min	ØID mm max	ØW Inches min	ØW Inches max	ØW mm min	ØW mm max	Volume (Ref) in^3	Volume (Ref) cm^3
-336	2.830	2.870	71.88	72.90	.205	.215	5.21	5.46	.3330	5.457
-337	2.951	2.999	74.96	76.17	.205	.215	5.21	5.46	.3466	5.680
-338	3.076	3.124	78.13	79.35	.205	.215	5.21	5.46	.3602	5.903
-339	3.201	3.249	81.31	82.52	.205	.215	5.21	5.46	.3738	6.125
-340	3.326	3.374	84.48	85.70	.205	.215	5.21	5.46	.3874	6.348
-341	3.451	3.499	87.66	88.87	.205	.215	5.21	5.46	.4010	6.571
-342	3.572	3.628	90.73	92.15	.205	.215	5.21	5.46	.4146	6.796
-343	3.697	3.753	93.90	95.33	.205	.215	5.21	5.46	.4282	7.017
-344	3.822	3.878	97.08	98.50	.205	.215	5.21	5.46	.4418	7.240
-345	3.947	4.003	100.25	101.68	.205	.215	5.21	5.46	.4554	7.463
-346	4.072	4.128	103.43	104.85	.205	.215	5.21	5.46	.4690	7.686
-347	4.195	4.255	106.55	108.08	.205	.215	5.21	5.46	.4826	7.908
-348	4.320	4.380	109.73	111.25	.205	.215	5.21	5.46	.4962	8.131
-349	4.445	4.505	112.90	114.43	.205	.215	5.21	5.46	.5098	8.354
-350	4.570	4.630	116.08	117.60	.205	.215	5.21	5.46	.5234	8.577
-351	4.695	4.755	119.25	120.78	.205	.215	5.21	5.46	.5370	8.800
-352	4.820	4.880	122.43	123.95	.205	.215	5.21	5.46	.5506	9.023
-353	4.938	5.012	125.43	127.30	.205	.215	5.21	5.46	.5642	9.246
-354	5.063	5.137	128.60	130.46	.205	.215	5.21	5.46	.5778	9.468
-355	5.188	5.262	131.78	133.65	.205	.215	5.21	5.46	.5914	9.691
-356	5.313	5.387	134.95	136.83	.205	.215	5.21	5.46	.6050	9.914
-357	5.438	5.512	138.13	140.00	.205	.215	5.21	5.46	.6186	10.137
-358	5.563	5.637	141.30	143.18	.205	.215	5.21	5.46	.6322	10.360
-359	5.688	5.762	144.48	146.35	.205	.215	5.21	5.46	.6458	10.583
-360	5.813	5.887	147.65	149.53	.205	.215	5.21	5.46	.6594	10.806
-361	5.938	6.012	150.83	152.70	.205	.215	5.21	5.46	.6730	11.029
-362	6.185	6.265	157.10	159.13	.205	.215	5.21	5.46	.7002	11.474
-363	6.435	6.515	163.45	165.48	.205	.215	5.21	5.46	.7274	11.920
-364	6.685	6.765	169.80	171.83	.205	.215	5.21	5.46	.7546	12.366
-365	6.935	7.015	176.15	178.18	.205	.215	5.21	5.46	.7818	12.811
-366	7.180	7.270	182.37	184.66	.205	.215	5.21	5.46	.8090	13.257
-367	7.430	7.520	188.72	191.01	.205	.215	5.21	5.46	.8362	13.703
-368	7.680	7.770	195.07	197.36	.205	.215	5.21	5.46	.8634	14.149
-369	7.930	8.020	201.42	203.71	.205	.215	5.21	5.46	.8906	14.594
-370	8.175	8.275	207.65	210.19	.205	.215	5.21	5.46	.9178	15.040