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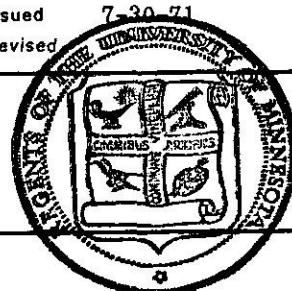
Society of Automotive Engineers, Inc.
TWO PENNSYLVANIA PLAZA, NEW YORK, N.Y. 10001

AEROSPACE ~~OLD~~
STANDARD

AS 568

Issued
Revised

7-30-71



AEROSPACE SIZE STANDARD FOR O-RINGS

Technical Board rules provide that: "All technical reports, including standards approved or recommended, are advisory only. Their use by anyone engaged in industry or trade is entirely voluntary. There is no agreement to adhere to any SAE standard or recommended practice, and no commitment to conform to or be guided by any technical report. In formulating and approving technical reports, the Board and its Committees will not investigate or consider patents which may apply to the subject matter. Prospective users of the report are responsible for protecting themselves against liability for infringement of patents."

1. PURPOSE

- 1.1 The purpose of this Aerospace Standard (AS) is to set forth a standardized dash numbering system for O-Rings.
- 1.2 It 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.
- 1.3 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. GENERAL NOTES

- 2.1 This Aerospace Standard supersedes and cancels ARP 568B.

- 2.1.1 This AS is identical in content to ARP 568B, which differed from prior issues of ARP 568 in Table format.

Both Class I and Class II tolerances appear in the same Table.

Metric equivalents in International System (SI) units are given for all dimensions.

- 2.1.2 Calculation of the metric equivalents was done in accord with the rules appearing in SAE J916, rounding off tolerances as recommended in Paragraph 6.2.1, Method A, therein.

- 2.1.3 Additional sizes have been assigned and included in the Table as follows:

-102 thru -109
-201 thru -209
-309 thru -324

- 2.2 The fabrication shrinkage characteristics of all O-Ring materials are not identical but will allow size standardization according to two sets of dimensional tolerances, tabulated here as Class I and Class II. These Classes differ only by the tolerances specified for the O-Ring ID (inside diameter).

- 2.2.1 Class I tolerances are intended for O-Rings manufactured from materials that have low mold shrinkage characteristics, such as Nitrile (NBR) rubber or parts machined from materials such as polytetrafluoroethylene. The data for Class I O-Rings are identical to that in the "A" revision to ARP 568, except that the minimum ID for sizes -388 thru -391 has been increased by .005".

- 2.2.2 Class II tolerances are intended for O-Rings manufactured from materials that have high mold shrinkage characteristics, such as fluoroelastomer (FPM) compounds.

- 2.2.3 O-Ring sizes of the same dash numbers from Class I and Class II are interchangeable when used in properly designed glands such as MIL-P-5514.

2.3 It should be noted that the Table is divided into two distinct sections as follows:

- 2.3.1 The main section, wherein the dash numbers are divided into groups of one hundred, and within each group are sequential and nonsignificant. Each hundred group, however, identifies the cross section size of the O-Rings within the group. For example, all .070 and smaller O-Ring cross sections fall into the group of -001 thru -099. The .103 cross section rings fall into the group of -100 thru -199, and so on.
- 2.3.2 The gasket section, shown on the last page of the Table, 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 16ths of an inch. This practice is also followed here, with the exception of the -901, which is intended for a .0938 inch nominal OD (outside diameter) tube, the .0625 inch OD tube not being in common aircraft use.
- 2.4 In the interest of standardization, it is requested that companies or agencies do not use the dash numbers in the following Table 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 the Elastic Seal Committee, SAE G-4 for coordination.

3. SKETCH

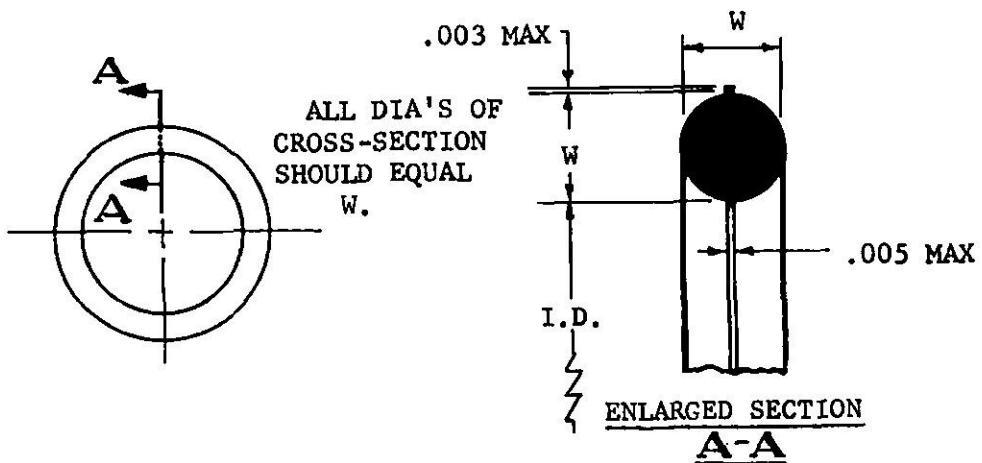


Table Begins

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UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.)	
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS		CUBIC INCHES	CUBIC CENTI- METERS
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.		
-001	0.025	0.033	0.635	0.838	0.023	0.035	0.58	0.89	0.037	0.043	0.940	1.092	0.0003	0.005
-002	0.038	0.046	0.965	1.168	0.036	0.048	0.91	1.22	0.047	0.053	1.194	1.346	0.0006	0.010
-003	0.052	0.060	1.321	1.524	0.050	0.062	1.27	1.57	0.057	0.063	1.448	1.600	0.0010	0.016
-004	0.065	0.075	1.65	1.90	0.064	0.076	1.63	1.93	0.067	0.073	1.702	1.854	0.0017	0.028
-005	0.096	0.106	2.44	2.69	0.095	0.107	2.41	2.72	0.067	0.073	1.702	1.854	0.0021	0.034
-006	0.109	0.119	2.77	3.02	0.108	0.120	2.74	3.05	0.067	0.073	1.702	1.854	0.0022	0.036
-007	0.140	0.150	3.56	3.81	0.139	0.151	3.53	3.84	0.067	0.073	1.702	1.854	0.0026	0.043
-008	0.171	0.181	4.34	4.60	0.170	0.182	4.32	4.62	0.067	0.073	1.702	1.854	0.0030	0.049
-009	0.203	0.213	5.16	5.41	0.202	0.214	5.13	5.44	0.067	0.073	1.702	1.854	0.0034	0.056
-010	0.234	0.244	5.94	6.20	0.232	0.246	5.89	6.25	0.067	0.073	1.702	1.854	0.0037	0.061
-011	0.296	0.306	7.52	7.77	0.294	0.308	7.47	7.82	0.067	0.073	1.702	1.854	0.0045	0.074
-012	0.359	0.369	9.12	9.37	0.357	0.371	9.07	9.42	0.067	0.073	1.702	1.854	0.0052	0.085
-013	0.421	0.431	10.69	10.95	0.419	0.433	10.64	11.00	0.067	0.073	1.702	1.854	0.0060	0.098
-014	0.484	0.494	12.29	12.55	0.482	0.496	12.24	12.60	0.067	0.073	1.702	1.854	0.0068	0.111
-015	0.546	0.556	12.87	14.12	0.544	0.558	13.82	14.17	0.067	0.073	1.702	1.854	0.0075	0.123
-016	0.609	0.619	15.47	15.72	0.605	0.623	15.37	15.82	0.067	0.073	1.702	1.854	0.0083	0.136
-017	0.671	0.681	17.04	17.30	0.667	0.685	16.94	17.40	0.067	0.073	1.702	1.854	0.0090	0.147
-018	0.734	0.744	18.64	18.90	0.730	0.748	18.54	19.00	0.067	0.073	1.702	1.854	0.0098	0.161
-019	0.795	0.805	20.19	20.50	0.792	0.810	20.12	20.57	0.067	0.073	1.702	1.854	0.0105	0.172
-020	0.858	0.870	21.79	22.10	0.855	0.873	21.72	22.17	0.067	0.073	1.702	1.854	0.0113	0.185
-021	0.920	0.932	23.37	23.67	0.917	0.935	23.29	23.75	0.067	0.073	1.702	1.854	0.0120	0.197
-022	0.983	0.995	24.97	25.27	0.979	0.999	24.87	25.37	0.067	0.073	1.702	1.854	0.0128	0.210
-023	1.045	1.057	26.54	26.85	1.041	1.061	26.44	26.95	0.067	0.073	1.702	1.854	0.0136	0.223
-024	1.108	1.120	28.14	28.45	1.104	1.124	28.04	28.55	0.067	0.073	1.702	1.854	0.0143	0.234
-025	1.170	1.182	29.72	30.02	1.165	1.187	29.59	30.15	0.067	0.073	1.702	1.854	0.0151	0.247
-026	1.233	1.245	31.32	31.62	1.228	1.250	31.19	31.75	0.067	0.073	1.702	1.854	0.0158	0.259
-027	1.295	1.307	32.89	33.20	1.290	1.312	32.77	33.32	0.067	0.073	1.702	1.854	0.0166	0.272
-028	1.358	1.370	34.49	34.80	1.351	1.377	34.32	34.98	0.067	0.073	1.702	1.854	0.0173	0.283
-029	1.479	1.499	37.57	38.07	1.476	1.502	37.49	38.15	0.067	0.073	1.702	1.854	0.0188	0.308
-030	1.604	1.624	40.74	41.25	1.601	1.627	40.67	41.33	0.067	0.073	1.702	1.854	0.0204	0.334

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.)	
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS		CUBIC INCHES	CUBIC CENTI- METERS
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.		
-031	1.729	1.749	43.92	44.42	1.724	1.754	43.79	44.55	0.067	0.073	1.702	1.854	0.0219	0.359
-032	1.854	1.874	47.09	47.60	1.849	1.879	46.96	47.73	0.067	0.073	1.702	1.854	0.0234	0.383
-033	1.979	1.999	50.27	50.77	1.971	2.007	50.06	50.98	0.067	0.073	1.702	1.854	0.0249	0.408
-034	2.104	2.124	53.44	53.95	2.096	2.132	53.24	54.15	0.067	0.073	1.702	1.854	0.0264	0.433
-035	2.229	2.249	56.62	57.12	2.221	2.257	56.41	57.33	0.067	0.073	1.702	1.854	0.0279	0.457
-036	2.354	2.374	59.79	60.30	2.346	2.382	59.59	60.50	0.067	0.073	1.702	1.854	0.0294	0.482
-037	2.479	2.499	62.97	63.47	2.471	2.507	62.76	63.68	0.067	0.073	1.702	1.854	0.0309	0.506
-038	2.604	2.624	66.14	66.65	2.594	2.634	65.89	66.90	0.067	0.073	1.702	1.854	0.0325	0.533
-039	2.724	2.754	69.19	69.95	2.719	2.759	69.06	70.08	0.067	0.073	1.702	1.854	0.0340	0.557
-040	2.849	2.879	72.36	73.13	2.844	2.884	72.24	73.25	0.067	0.073	1.702	1.854	0.0355	0.582
-041	2.974	3.004	75.54	76.30	2.965	3.013	75.31	76.53	0.067	0.073	1.702	1.854	0.0370	0.606
-042	3.224	3.254	81.89	82.65	3.215	3.263	81.66	82.88	0.067	0.073	1.702	1.854	0.0400	0.655
-043	3.474	3.504	88.24	89.00	3.465	3.513	88.01	89.23	0.067	0.073	1.702	1.854	0.0430	0.705
-044	3.724	3.754	94.59	95.35	3.712	3.766	94.28	95.66	0.067	0.073	1.702	1.854	0.0461	0.755
-045	3.974	4.004	100.94	101.70	3.962	4.016	100.63	102.01	0.067	0.073	1.702	1.854	0.0491	0.805
-046	4.224	4.254	107.29	108.05	4.209	4.269	106.91	108.43	0.067	0.073	1.702	1.854	0.0521	0.854
-047	4.474	4.504	113.64	114.40	4.459	4.519	113.26	114.78	0.067	0.073	1.702	1.854	0.0551	0.903
-048	4.724	4.754	119.99	120.75	4.709	4.769	119.61	121.13	0.067	0.073	1.702	1.854	0.0581	0.952
-049	4.966	5.012	126.14	127.30	4.952	5.026	125.78	127.66	0.067	0.073	1.702	1.854	0.0612	1.003
-050	5.216	5.262	132.49	133.65	5.202	5.276	132.13	134.01	0.067	0.073	1.702	1.854	0.0642	1.052
*051	* O-RING SIZES NOT ASSIGNED													
*101														
-102	0.044	C.054	1.12	1.37	0.043	0.055	1.09	1.40	0.100	0.106	2.540	2.692	0.0040	0.066
-103	0.076	C.086	1.93	2.18	0.075	0.087	1.90	2.21	0.100	0.106	2.540	2.692	0.0048	0.079
-104	0.107	C.117	2.72	2.97	0.106	0.118	2.69	3.00	0.100	0.106	2.540	2.692	0.0056	0.092
-105	0.138	C.148	3.51	3.76	0.137	0.149	3.48	3.78	0.100	0.106	2.540	2.692	0.0064	0.105
-106	C.169	C.179	4.29	4.55	0.168	0.180	4.27	4.57	0.100	0.106	2.540	2.692	0.0073	0.120
-107	C.201	C.211	5.11	5.36	0.200	0.212	5.08	5.38	0.100	0.106	2.540	2.692	0.0081	0.133
-108	C.232	C.242	5.89	6.15	0.230	0.244	5.84	6.20	0.100	0.106	2.540	2.692	0.0089	0.146
-109	C.294	C.304	7.47	7.72	0.292	0.306	7.42	7.77	0.100	0.106	2.540	2.692	0.0105	0.172
-110	0.357	C.367	9.07	9.32	0.355	0.369	9.02	9.37	0.100	0.106	2.540	2.692	0.0122	0.200

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UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.)	
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS		CUBIC INCHES	CUBIC CENTI- METERS
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.		
-111	0.419	0.429	10.64	10.90	0.417	0.431	10.59	10.95	0.100	0.106	2.540	2.692	0.0138	0.226
-112	0.482	0.492	12.24	12.50	0.480	0.494	12.19	12.55	0.100	0.106	2.540	2.692	0.0154	0.252
-113	0.544	0.554	13.82	14.07	0.542	0.556	13.77	14.12	0.100	0.106	2.540	2.692	0.0171	0.280
-114	0.607	0.617	15.42	15.67	0.603	0.621	15.32	15.77	0.100	0.106	2.540	2.692	0.0187	0.306
-115	0.669	0.679	16.99	17.25	0.665	0.683	16.89	17.35	0.100	0.106	2.540	2.692	0.0203	0.333
-116	0.732	0.742	18.59	18.85	0.728	0.746	18.49	18.95	0.100	0.106	2.540	2.692	0.0220	0.361
-117	0.793	0.805	20.14	20.45	0.789	0.809	20.04	20.55	0.100	0.106	2.540	2.692	0.0236	0.387
-118	0.856	0.868	21.74	22.05	0.852	0.872	21.64	22.15	0.100	0.106	2.540	2.692	0.0253	0.415
--119	0.918	0.930	23.32	23.62	0.914	0.934	23.22	23.72	0.100	0.106	2.540	2.692	0.0269	0.441
-120	0.981	0.993	24.92	25.22	0.977	0.997	24.82	25.32	0.100	0.106	2.540	2.692	0.0285	0.467
-121	1.043	1.055	26.49	26.80	1.039	1.059	26.39	26.90	0.100	0.106	2.540	2.692	0.0302	0.495
-122	1.106	1.118	28.09	28.40	1.102	1.122	27.99	28.50	0.100	0.106	2.540	2.692	0.0318	0.521
-123	1.168	1.180	29.67	29.97	1.162	1.186	29.51	30.12	0.100	0.106	2.540	2.692	0.0334	0.547
-124	1.231	1.243	31.27	31.57	1.225	1.249	31.12	31.72	0.100	0.106	2.540	2.692	0.0351	0.575
-125	1.293	1.305	32.84	33.15	1.287	1.311	32.69	33.30	0.100	0.106	2.540	2.692	0.0367	0.601
-126	1.356	1.368	34.44	34.75	1.350	1.374	34.29	34.90	0.100	0.106	2.540	2.692	0.0383	0.628
-127	1.418	1.430	36.02	36.32	1.412	1.436	35.86	36.47	0.100	0.106	2.540	2.692	0.0400	0.655
-128	1.481	1.493	37.62	37.92	1.475	1.499	37.46	38.07	0.100	0.106	2.540	2.692	0.0416	0.682
-129	1.539	1.555	39.09	39.60	1.534	1.564	38.96	39.73	0.100	0.106	2.540	2.692	0.0432	0.708
-130	1.602	1.622	40.69	41.20	1.597	1.627	40.56	41.33	0.100	0.106	2.540	2.692	0.0449	0.736
-131	1.664	1.684	42.27	42.77	1.659	1.689	42.14	42.90	0.100	0.106	2.540	2.692	0.0465	0.762
-132	1.727	1.747	43.87	44.37	1.722	1.752	43.74	44.50	0.100	0.106	2.540	2.692	0.0482	0.790
-133	1.789	1.809	45.44	45.95	1.784	1.814	45.31	46.08	0.100	0.106	2.540	2.692	0.0498	0.816
-134	1.852	1.872	47.04	47.55	1.847	1.877	46.91	47.68	0.100	0.106	2.540	2.692	0.0514	0.842
-135	1.915	1.935	48.64	49.15	1.908	1.942	48.46	49.33	0.100	0.106	2.540	2.692	0.0531	0.870
-136	1.977	2.007	50.22	50.72	1.970	2.004	50.04	50.90	0.100	0.106	2.540	2.692	0.0547	0.896
-137	2.040	2.060	51.82	52.32	2.033	2.067	51.64	52.50	0.100	0.106	2.540	2.692	0.0564	0.924
-138	2.102	2.122	53.39	53.90	2.095	2.129	53.21	54.08	0.100	0.106	2.540	2.692	0.0580	0.950
-139	2.165	2.185	54.99	55.50	2.158	2.192	54.81	55.68	0.100	0.106	2.540	2.692	0.0596	0.977
-140	2.227	2.247	56.57	57.07	2.220	2.254	56.39	57.25	0.100	0.106	2.540	2.692	0.0613	1.005

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I		CLASS II		CLASSES I AND II		VOLUME REF. J
	1.0- INCHES MIN.	1.0- MILLIMETERS MAX.	1.0- INCHES MIN.	1.0- MILLIMETERS MAX.	INCHES MIN.	INCHES MAX.	
-141	2.290	2.310	56.17	58.67	2.280	2.320	57.91
-142	2.352	2.372	59.74	60.25	2.342	2.382	59.49
-143	2.415	2.435	61.34	61.85	2.405	2.445	61.09
-144	2.477	2.497	62.92	63.42	2.467	2.507	62.66
-145	2.540	2.560	64.52	65.02	2.530	2.570	64.26
-146	2.602	2.622	66.09	66.60	2.592	2.632	65.84
-147	2.660	2.690	67.56	68.33	2.653	2.697	67.39
-148	2.722	2.752	69.14	69.90	2.715	2.759	68.96
-149	2.785	2.815	70.74	71.50	2.778	2.822	70.56
-150	2.847	2.877	72.31	73.08	2.840	2.884	72.14
-151	2.972	3.002	75.49	76.25	2.963	3.011	75.26
-152	3.222	3.252	81.84	82.60	3.213	3.261	81.61
-153	3.472	3.502	88.19	98.95	3.463	3.511	87.96
-154	3.722	3.752	94.54	95.30	3.709	3.765	94.21
-155	3.972	4.002	100.89	101.65	3.959	4.015	100.56
-156	4.222	4.252	107.24	108.00	4.207	4.267	106.86
-157	4.472	4.502	113.59	114.35	4.457	4.517	113.21
-158	4.722	4.752	119.94	120.70	4.707	4.767	119.56
-159	4.972	5.002	126.29	127.05	4.952	5.022	125.78
-160	5.214	5.260	132.44	133.60	5.202	5.272	132.13
-161	5.464	5.510	138.79	139.95	5.452	5.522	138.48
-162	5.714	5.760	145.14	146.30	5.702	5.772	144.83
-163	5.964	6.010	151.49	152.65	5.952	6.022	151.18
-164	6.214	6.260	157.84	159.00	6.197	6.277	157.40
-165	6.464	6.510	164.19	165.35	6.447	6.527	163.75
-166	6.714	6.760	170.54	171.70	6.697	6.777	170.10
-167	6.964	7.010	176.89	178.05	6.947	7.027	176.45
-168	7.207	7.267	183.06	184.58	7.192	7.282	182.68
-169	7.457	7.517	189.41	190.93	7.442	7.532	189.03
-170	7.707	7.767	195.76	197.28	7.692	7.782	195.38

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CUBIC
CENTI-
METERS

INCHES

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.) CUBIC CENTI- METERS
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS		
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
-171	7.957	8.017	202.11	203.63	7.942	8.032	201.73	204.01	0.100	0.106	2.540	2.692	0.2118
-172	8.207	8.267	208.46	209.98	8.187	8.287	207.9	210.5	0.100	0.106	2.540	2.692	0.2183
-173	8.457	8.517	214.81	216.33	8.437	8.537	214.3	216.8	0.100	0.106	2.540	2.692	0.2249
-174	8.707	8.767	221.16	222.68	8.687	8.787	220.6	223.2	0.100	0.106	2.540	2.692	0.2314
-175	8.957	9.017	227.51	229.03	8.937	9.037	227.0	229.5	0.100	0.106	2.540	2.692	0.2379
-176	9.207	9.267	233.86	235.38	9.182	9.292	233.2	236.0	0.100	0.106	2.540	2.692	0.2445
-177	9.457	9.517	240.21	241.73	9.432	9.542	239.6	242.4	0.100	0.106	2.540	2.692	0.2510
-178	9.707	9.767	246.56	248.08	9.682	9.792	245.9	248.7	0.100	0.106	2.540	2.692	0.2576
*179	* O-RING SIZES NOT ASSIGNED												
*200													
-201	0.166	0.176	4.22	4.47	0.165	0.177	4.19	4.50	0.135	0.143	3.429	3.632	0.0148
-202	0.229	0.239	5.82	6.07	0.227	0.241	5.77	6.12	0.135	0.143	3.429	3.632	0.0178
-203	0.291	0.301	7.39	7.65	0.289	0.303	7.34	7.70	0.135	0.143	3.429	3.632	0.0207
-204	0.354	0.364	8.99	9.25	0.352	0.366	8.94	9.30	0.135	0.143	3.429	3.632	0.0237
-205	0.416	0.426	10.57	10.82	0.414	0.428	10.52	10.87	0.135	0.143	3.429	3.632	0.0267
-206	0.479	0.489	12.17	12.42	0.477	0.491	12.12	12.47	0.135	0.143	3.429	3.632	0.0297
-207	0.541	0.551	13.74	14.00	0.539	0.553	13.69	14.05	0.135	0.143	3.429	3.632	0.0327
-208	0.604	0.614	15.34	15.60	0.600	0.618	15.24	15.70	0.135	0.143	3.429	3.632	0.0357
-209	0.666	0.676	16.92	17.17	0.662	0.680	16.81	17.27	0.135	0.143	3.429	3.632	0.0386
-210	0.728	0.740	18.49	18.80	0.724	0.744	18.39	18.90	0.135	0.143	3.429	3.632	0.0416
-211	0.790	0.802	20.07	20.37	0.786	0.806	19.96	20.47	0.135	0.143	3.429	3.632	0.0446
-212	0.853	0.865	21.67	21.97	0.849	0.869	21.56	22.07	0.135	0.143	3.429	3.632	0.0476
-213	0.915	0.927	23.24	23.55	0.911	0.931	23.14	23.65	0.135	0.143	3.429	3.632	0.0505
-214	0.978	0.990	24.84	25.15	0.974	0.994	24.74	25.25	0.135	0.143	3.429	3.632	0.0535
-215	1.040	1.052	26.42	26.72	1.036	1.056	26.31	26.82	0.135	0.143	3.429	3.632	0.0565
-216	1.103	1.115	28.02	28.32	1.097	1.121	27.86	28.47	0.135	0.143	3.429	3.632	0.0595
-217	1.165	1.177	29.59	29.90	1.159	1.183	29.44	30.05	0.135	0.143	3.429	3.632	0.0625
-218	1.228	1.240	31.19	31.50	1.222	1.246	31.04	31.65	0.135	0.143	3.429	3.632	0.0655
-219	1.290	1.302	32.77	33.07	1.284	1.308	32.61	33.22	0.135	0.143	3.429	3.632	0.0684
-220	1.353	1.365	34.37	34.67	1.347	1.371	34.21	34.82	0.135	0.143	3.429	3.632	0.0714

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.)		
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS		CUBIC INCHES	CUBIC CENTI- METERS	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.			
-221	1.415	1.427	35.94	36.25	1.409	1.433	35.79	36.40	0.135	0.143	3.429	3.632	0.0744	1.219	
-222	1.478	1.490	37.54	37.85	1.469	1.499	37.31	38.07	0.135	0.143	3.429	3.632	0.0774	1.268	
-223	1.599	1.619	40.61	41.12	1.594	1.624	40.49	41.25	0.135	0.143	3.429	3.632	0.0833	1.365	
-224	1.724	1.744	43.79	44.30	1.719	1.749	43.66	44.42	0.135	0.143	3.429	3.632	0.0893	1.463	
-225	1.849	1.869	46.56	47.47	1.841	1.877	46.76	47.68	0.135	0.143	3.429	3.632	0.0952	1.560	
-226	1.974	1.994	50.14	50.65	1.966	2.002	49.94	50.65	0.135	0.143	3.429	3.632	0.1012	1.658	
-227	2.099	2.119	53.31	53.82	2.091	2.127	53.11	54.03	0.135	0.143	3.429	3.632	0.1072	1.757	
-228	2.224	2.244	56.49	57.00	2.214	2.254	56.24	57.25	0.135	0.143	3.429	3.632	0.1131	1.853	
-229	2.349	2.369	59.66	60.17	2.339	2.379	59.41	60.43	0.135	0.143	3.429	3.632	0.1191	1.952	
-230	2.474	2.494	62.84	63.35	2.464	2.504	62.59	63.60	0.135	0.143	3.429	3.632	0.1250	2.048	9
-231	2.599	2.619	66.01	66.52	2.589	2.629	65.76	66.78	0.135	0.143	3.429	3.632	0.1310	2.147	
-232	2.719	2.749	69.06	69.82	2.710	2.758	68.83	70.05	0.135	0.143	3.429	3.632	0.1370	2.245	
-233	2.844	2.874	72.24	73.00	2.835	2.883	72.01	73.23	0.135	0.143	3.429	3.632	0.1429	2.342	
-234	2.969	2.999	75.41	76.17	2.960	3.008	75.18	76.40	0.135	0.143	3.429	3.632	0.1489	2.440	
-235	3.094	3.124	78.59	79.35	3.085	3.133	78.36	79.58	0.135	0.143	3.429	3.632	0.1548	2.537	
-236	3.219	3.249	81.76	82.52	3.210	3.258	81.53	82.75	0.135	0.143	3.429	3.632	0.1608	2.635	
-227	3.344	3.374	84.94	85.70	3.335	3.383	84.71	85.93	0.135	0.143	3.429	3.632	0.1668	2.733	
-238	3.469	3.499	88.11	88.87	3.460	3.508	87.88	89.10	0.135	0.143	3.429	3.632	0.1727	2.830	
-239	3.594	3.624	91.29	92.05	3.581	3.637	90.96	92.38	0.135	0.143	3.429	3.632	0.1787	2.928	
-240	3.719	3.749	94.46	95.22	3.706	3.762	94.13	95.55	0.135	0.143	3.429	3.632	0.1846	3.025	
-241	3.844	3.874	97.64	98.40	3.831	3.887	97.31	98.73	0.135	0.143	3.429	3.632	0.1906	3.123	
-242	3.969	3.999	100.81	101.57	3.956	4.012	100.48	101.90	0.135	0.143	3.429	3.632	0.1966	3.222	
-243	4.094	4.124	103.99	104.75	4.081	4.137	103.66	105.08	0.135	0.143	3.429	3.632	0.2025	3.318	
-244	4.219	4.249	107.16	107.92	4.204	4.264	106.78	108.21	0.135	0.143	3.429	3.632	0.2085	3.417	
-245	4.344	4.374	110.34	111.10	4.329	4.389	109.96	111.48	0.135	0.143	3.429	3.632	0.2144	3.513	
-246	4.469	4.499	113.51	114.27	4.454	4.514	113.13	114.66	0.135	0.143	3.429	3.632	0.2204	3.612	
-247	4.594	4.624	116.69	117.45	4.579	4.639	116.31	117.83	0.135	0.143	3.429	3.632	0.2263	3.708	
-248	4.719	4.749	119.86	120.62	4.704	4.764	119.48	121.01	0.135	0.143	3.429	3.632	0.2323	3.807	
-249	4.844	4.874	123.04	123.80	4.824	4.894	122.53	124.31	0.135	0.143	3.429	3.632	0.2383	3.905	
-250	4.969	4.999	126.21	126.97	4.949	5.019	125.70	127.48	0.135	0.143	3.429	3.632	0.2442	4.002	

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.)	
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS		CUBIC INCHES	CUBIC CENTI- METERS
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.		
-251	5.086	5.132	129.18	130.35	5.074	5.144	128.88	130.66	0.135	0.143	3.429	3.632	0.2502	4.100
-252	5.211	5.257	132.36	133.53	5.199	5.269	132.05	133.83	0.135	0.143	3.429	3.632	0.2561	4.197
-253	5.336	5.382	135.53	136.70	5.324	5.394	135.23	137.01	0.135	0.143	3.429	3.632	0.2621	4.295
-254	5.461	5.507	138.71	139.88	5.449	5.519	138.40	140.18	0.135	0.143	3.429	3.632	0.2681	4.393
-255	5.586	5.632	141.88	143.05	5.574	5.644	141.58	143.36	0.135	0.143	3.429	3.632	0.2740	4.490
-256	5.711	5.757	145.06	146.23	5.699	5.769	144.75	146.53	0.135	0.143	3.429	3.632	0.2800	4.588
-257	5.836	5.882	148.23	149.40	5.824	5.894	147.93	149.71	0.135	0.143	3.429	3.632	0.2859	4.685
-258	5.961	6.007	151.41	152.58	5.949	6.019	151.10	152.88	0.135	0.143	3.429	3.632	0.2919	4.783
-259	6.211	6.257	157.76	158.93	6.194	6.274	157.33	159.36	0.135	0.143	3.429	3.632	0.3038	4.978
-260	6.461	6.507	164.11	165.28	6.444	6.524	163.68	165.71	0.135	0.143	3.429	3.632	0.3157	5.173
-261	6.711	6.757	170.46	171.63	6.694	6.774	170.03	172.06	0.135	0.143	3.429	3.632	0.3277	5.370
-262	6.961	7.007	176.81	177.98	6.944	7.024	176.38	178.41	0.135	0.143	3.429	3.632	0.3396	5.565
-263	7.204	7.264	182.98	184.51	7.189	7.279	182.60	184.89	0.135	0.143	3.429	3.632	0.3515	5.760
-264	7.454	7.514	189.33	190.86	7.439	7.529	188.95	191.24	0.135	0.143	3.429	3.632	0.3634	5.955
-265	7.704	7.764	195.68	197.21	7.689	7.779	195.30	197.59	0.135	0.143	3.429	3.632	0.3753	6.150
-266	7.954	8.014	202.03	203.56	7.939	8.029	201.65	203.94	0.135	0.143	3.429	3.632	0.3872	6.345
-267	8.204	8.264	208.38	209.91	8.184	8.284	207.9	210.4	0.135	0.143	3.429	3.632	0.3992	6.542
-268	8.454	8.514	214.73	216.26	8.434	8.534	214.2	216.8	0.135	0.143	3.429	3.632	0.4111	6.737
-269	8.704	8.764	221.08	222.61	8.684	8.784	220.6	223.1	0.135	0.143	3.429	3.632	0.4230	6.932
-270	8.954	9.014	227.43	228.96	8.934	9.034	226.9	229.5	0.135	0.143	3.429	3.632	0.4349	7.127
-271	9.204	9.264	233.78	235.31	9.179	9.289	233.1	235.9	0.135	0.143	3.429	3.632	0.4468	7.322
-272	9.454	9.514	240.13	241.66	9.429	9.539	239.5	242.3	0.135	0.143	3.429	3.632	0.4588	7.518
-273	9.704	9.764	246.48	248.01	9.679	9.789	245.8	248.6	0.135	0.143	3.429	3.632	0.4707	7.713
-274	9.954	10.014	252.83	254.36	9.929	10.039	252.2	255.0	0.135	0.143	3.429	3.632	0.4826	7.908
-275	10.454	10.514	265.53	267.06	10.429	10.539	264.9	267.7	0.135	0.143	3.429	3.632	0.5064	8.298
-276	10.954	11.014	278.23	279.76	10.919	11.049	277.3	280.6	0.135	0.143	3.429	3.632	0.5303	8.690
-277	11.454	11.514	290.93	292.46	11.419	11.549	290.0	293.3	0.135	0.143	3.429	3.632	0.5541	9.080
-278	11.954	12.014	303.63	305.16	11.919	12.049	302.7	306.0	0.135	0.143	3.429	3.632	0.5779	9.470
-279	12.954	13.014	329.03	330.56	12.919	13.049	328.1	331.4	0.135	0.143	3.429	3.632	0.6256	10.252
-280	13.954	14.014	354.43	355.96	13.919	14.049	353.5	356.8	0.135	0.143	3.429	3.632	0.6733	11.033

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.)	
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS		CUBIC INCHES	CUBIC CENTI- METERS
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.		
-281	14.954	15.014	379.83	381.36	14.919	15.049	378.9	382.2	0.135	0.143	3.429	3.632	0.7210	11.815
-282	15.910	16.000	404.11	406.40	—	—	—	—	0.135	0.143	3.429	3.632	0.7672	12.572
-283	16.910	17.000	429.51	431.80	—	—	—	—	0.135	0.143	3.429	3.632	0.8149	13.354
-284	17.910	18.000	454.91	457.20	—	—	—	—	0.135	0.143	3.429	3.632	0.8626	14.136
*285	* O-RING SIZES NOT ASSIGNED													
*308														
-309	0.407	0.417	10.34	10.59	0.405	0.419	10.29	10.64	0.205	0.215	5.21	5.46	0.0677	1.109
-310	0.470	0.480	11.94	12.19	0.468	0.482	11.89	12.24	0.205	0.215	5.21	5.46	0.0745	1.221
-311	0.532	0.542	13.51	13.77	0.530	0.544	13.46	13.82	0.205	0.215	5.21	5.46	0.0813	1.332
-312	0.595	0.605	15.11	15.37	0.591	0.609	15.01	15.47	0.205	0.215	5.21	5.46	0.0881	1.444
-313	0.657	0.667	16.69	16.94	0.653	0.671	16.59	17.04	0.205	0.215	5.21	5.46	0.0949	1.555
-314	0.719	0.731	18.26	18.57	0.715	0.735	18.16	18.67	0.205	0.215	5.21	5.46	0.1017	1.667
-315	0.781	0.793	19.84	20.14	0.777	0.797	19.74	20.24	0.205	0.215	5.21	5.46	0.1085	1.778
-316	0.844	0.856	21.44	21.74	0.840	0.860	21.34	21.64	0.205	0.215	5.21	5.46	0.1153	1.889
-317	0.906	0.918	23.01	23.32	0.902	0.922	22.91	23.42	0.205	0.215	5.21	5.46	0.1221	2.001
-318	0.969	0.981	24.61	24.92	0.965	0.985	24.51	25.02	0.205	0.215	5.21	5.46	0.1289	2.112
-319	1.031	1.043	26.19	26.49	1.027	1.047	26.09	26.59	0.205	0.215	5.21	5.46	0.1357	2.224
-320	1.094	1.106	27.79	28.09	1.088	1.112	27.64	28.24	0.205	0.215	5.21	5.46	0.1425	2.335
-321	1.156	1.168	29.36	29.67	1.150	1.174	29.21	29.82	0.205	0.215	5.21	5.46	0.1493	2.447
-322	1.219	1.231	30.96	31.27	1.213	1.237	30.81	31.42	0.205	0.215	5.21	5.46	0.1561	2.558
-323	1.281	1.293	32.54	32.84	1.275	1.299	32.38	32.99	0.205	0.215	5.21	5.46	0.1629	2.669
-324	1.344	1.356	34.14	34.44	1.338	1.362	33.99	34.59	0.205	0.215	5.21	5.46	0.1697	2.781
-325	1.465	1.485	37.21	37.72	1.460	1.490	37.08	37.85	0.205	0.215	5.21	5.46	0.1833	3.004
-326	1.590	1.610	40.39	40.89	1.585	1.615	40.26	41.02	0.205	0.215	5.21	5.46	0.1970	3.228
-327	1.715	1.735	43.56	44.07	1.710	1.740	43.43	44.20	0.205	0.215	5.21	5.46	0.2106	3.451
-328	1.840	1.860	46.74	47.24	1.835	1.865	46.61	47.37	0.205	0.215	5.21	5.46	0.2242	3.674
-329	1.965	1.985	49.91	50.42	1.957	1.993	49.71	50.62	0.205	0.215	5.21	5.46	0.2378	3.897
-330	2.090	2.110	53.09	53.59	2.082	2.118	52.88	53.80	0.205	0.215	5.21	5.46	0.2514	4.120

AS
568

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME CUBIC INCHES	(REF.) CUBIC CENTI- METERS
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS			
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.		
-331	2.215	2.235	56.26	56.77	2.207	2.243	56.06	56.97	0.205	0.215	5.21	5.46	0.2650	4.343
-332	2.340	2.360	59.44	59.94	2.332	2.368	59.23	60.15	0.205	0.215	5.21	5.46	0.2786	4.565
-333	2.465	2.485	62.61	63.12	2.455	2.495	62.36	63.37	0.205	0.215	5.21	5.46	0.2922	4.788
-334	2.590	2.610	65.79	66.29	2.580	2.620	65.53	66.55	0.205	0.215	5.21	5.46	0.3058	5.011
-335	2.710	2.740	68.83	69.60	2.705	2.745	68.71	69.72	0.205	0.215	5.21	5.46	0.3194	5.234
-336	2.835	2.865	72.01	72.77	2.830	2.870	71.88	72.90	0.205	0.215	5.21	5.46	0.3330	5.457
-337	2.960	2.990	75.18	75.95	2.951	2.999	74.96	76.17	0.205	0.215	5.21	5.46	0.3466	5.680
-338	3.085	3.115	78.36	79.12	3.076	3.124	78.13	79.25	0.205	0.215	5.21	5.46	0.3602	5.903
-339	3.210	3.240	81.53	82.30	3.201	3.249	81.31	82.52	0.205	0.215	5.21	5.46	0.3738	6.125
-340	3.335	3.365	84.71	85.47	3.326	3.374	84.48	85.70	0.205	0.215	5.21	5.46	0.3874	6.348
-341	3.460	3.490	87.88	88.65	3.451	3.499	87.66	88.87	0.205	0.215	5.21	5.46	0.4010	6.571
-342	3.585	3.615	91.06	91.82	3.572	3.628	90.73	92.15	0.205	0.215	5.21	5.46	0.4146	6.794
-343	3.710	3.740	94.23	95.00	3.697	3.753	93.90	95.33	0.205	0.215	5.21	5.46	0.4282	7.017
-344	3.835	3.865	97.41	98.17	3.822	3.878	97.08	98.50	0.205	0.215	5.21	5.46	0.4418	7.240
-345	3.960	3.990	100.58	101.35	3.947	4.003	100.25	101.68	0.205	0.215	5.21	5.46	0.4554	7.463
-346	4.085	4.115	103.76	104.52	4.072	4.128	103.43	104.85	0.205	0.215	5.21	5.46	0.4690	7.686
-347	4.210	4.240	106.93	107.70	4.195	4.255	106.55	108.08	0.205	0.215	5.21	5.46	0.4826	7.908
-348	4.335	4.365	110.11	110.87	4.320	4.380	109.73	111.25	0.205	0.215	5.21	5.46	0.4962	8.131
-349	4.460	4.490	113.26	114.05	4.445	4.505	112.90	114.43	0.205	0.215	5.21	5.46	0.5098	8.354
-350	4.585	4.615	116.46	117.22	---	---	---	---	0.205	0.215	5.21	5.46	0.5234	8.577
-351	4.710	4.740	119.63	120.40	---	---	---	---	0.205	0.215	5.21	5.46	0.5370	8.800
-352	4.835	4.865	122.81	123.57	---	---	---	---	0.205	0.215	5.21	5.46	0.5506	9.023
-353	4.960	4.990	125.98	126.75	---	---	---	---	0.205	0.215	5.21	5.46	0.5642	9.246
-354	5.077	5.123	128.96	130.12	---	---	---	---	0.205	0.215	5.21	5.46	0.5778	9.468
-355	5.202	5.248	132.13	133.30	---	---	---	---	0.205	0.215	5.21	5.46	0.5914	9.691
-356	5.327	5.373	135.31	136.47	---	---	---	---	0.205	0.215	5.21	5.46	0.6050	9.914
-357	5.452	5.498	138.48	139.65	---	---	---	---	0.205	0.215	5.21	5.46	0.6186	10.137
-358	5.577	5.623	141.66	142.82	---	---	---	---	0.205	0.215	5.21	5.46	0.6322	10.360
-359	5.702	5.748	144.83	146.00	---	---	---	---	0.205	0.215	5.21	5.46	0.6458	10.583
-360	5.827	5.873	148.01	149.17	---	---	---	---	0.205	0.215	5.21	5.46	0.6594	10.806

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.)	
	I.O. INCHES		I.O. MILLIMETERS		I.O. INCHES		I.O. MILLIMETERS		W INCHES		W MILLIMETERS		CUBIC CUBIC INCHES	CENTI- METERS
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.		
-361	5.952	5.998	151.18	152.35	---	---	---	---	0.205	0.215	5.21	5.46	0.6730	11.029
-362	6.202	6.248	157.53	158.70	---	---	---	---	0.205	0.215	5.21	5.46	0.7002	11.474
-363	6.452	6.498	163.88	165.05	---	---	---	---	0.205	0.215	5.21	5.46	0.7274	11.920
-364	6.702	6.748	170.23	171.40	---	---	---	---	0.205	0.215	5.21	5.46	0.7546	12.366
-365	6.952	6.998	176.58	177.75	---	---	---	---	0.205	0.215	5.21	5.46	0.7818	12.811
-366	7.195	7.255	182.75	184.28	---	---	---	---	0.205	0.215	5.21	5.46	0.8090	13.257
-367	7.445	7.505	189.10	190.63	---	---	---	---	0.205	0.215	5.21	5.46	0.8362	13.703
-368	7.695	7.755	195.45	196.98	---	---	---	---	0.205	0.215	5.21	5.46	0.8634	14.149
-369	7.945	8.005	201.80	203.33	---	---	---	---	0.205	0.215	5.21	5.46	0.8906	14.594
-370	8.195	8.255	208.15	209.68	---	---	---	---	0.205	0.215	5.21	5.46	0.9178	15.040
-371	8.445	8.505	214.50	216.03	---	---	---	---	0.205	0.215	5.21	5.46	0.9450	15.486
-372	8.695	8.755	220.85	222.38	---	---	---	---	0.205	0.215	5.21	5.46	0.9722	15.932
-373	8.945	9.005	227.20	228.73	---	---	---	---	0.205	0.215	5.21	5.46	0.9994	16.377
-374	9.195	9.255	233.55	235.08	---	---	---	---	0.205	0.215	5.21	5.46	1.0266	16.823
-375	9.445	9.505	239.90	241.43	---	---	---	---	0.205	0.215	5.21	5.46	1.0538	17.269
-376	9.695	9.755	246.25	247.78	---	---	---	---	0.205	0.215	5.21	5.46	1.0811	17.716
-377	9.945	10.005	252.60	254.13	---	---	---	---	0.205	0.215	5.21	5.46	1.1083	18.162
-378	10.445	10.505	265.30	266.83	---	---	---	---	0.205	0.215	5.21	5.46	1.1627	19.053
-379	10.945	11.005	278.00	279.53	---	---	---	---	0.205	0.215	5.21	5.46	1.2171	19.945
-380	11.445	11.505	290.70	292.23	---	---	---	---	0.205	0.215	5.21	5.46	1.2715	20.836
-381	11.945	12.005	303.40	304.93	---	---	---	---	0.205	0.215	5.21	5.46	1.3259	21.728
-382	12.445	13.005	328.80	330.33	---	---	---	---	0.205	0.215	5.21	5.46	1.4347	23.511
-383	13.445	14.005	354.20	355.73	---	---	---	---	0.205	0.215	5.21	5.46	1.5435	25.293
-384	14.445	15.005	379.60	381.13	---	---	---	---	0.205	0.215	5.21	5.46	1.6523	27.076
-385	15.910	16.000	404.11	406.40	---	---	---	---	0.205	0.215	5.21	5.46	1.7590	28.825
-386	16.910	17.000	429.51	431.80	---	---	---	---	0.205	0.215	5.21	5.46	1.8678	30.608
-387	17.910	18.000	454.51	457.20	---	---	---	---	0.205	0.215	5.21	5.46	1.9766	32.391
-388	18.910	19.000	480.31	482.60	---	---	---	---	0.205	0.215	5.21	5.46	2.0854	34.174
-389	19.910	20.000	505.71	508.00	---	---	---	---	0.205	0.215	5.21	5.46	2.1942	35.957
-390	20.910	21.000	531.11	533.40	---	---	---	---	0.205	0.215	5.21	5.46	2.3030	37.739

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.)		
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS		CUBIC CUBIC INCHES	CENTI- METERS	
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.			
-391	21.910	22.000	556.51	558.80	---	---	---	---	0.205	0.215	5.21	5.46	2.4118	39.522	
-392	22.880	23.000	581.2	584.2	---	---	---	---	0.205	0.215	5.21	5.46	2.5190	41.279	
-393	23.880	24.000	606.6	609.6	---	---	---	---	0.205	0.215	5.21	5.46	2.6278	43.062	
-394	24.880	25.000	632.0	635.0	---	---	---	---	0.205	0.215	5.21	5.46	2.7366	44.845	
-395	25.880	26.000	657.4	660.4	---	---	---	---	0.205	0.215	5.21	5.46	2.8454	46.628	
*396	* O-RING SIZES NOT ASSIGNED														
*424															
-425	4.460	4.490	113.28	114.05	4.442	4.508	112.83	114.50	0.269	0.281	6.83	7.14	0.8863	14.524	
-426	4.585	4.615	116.46	117.22	4.567	4.633	116.00	117.68	0.269	0.281	6.83	7.14	0.9097	14.907	
-427	4.710	4.740	119.63	120.40	4.692	4.758	119.18	120.85	0.269	0.281	6.83	7.14	0.9330	15.289	
-428	4.835	4.865	122.81	123.57	4.817	4.883	122.35	124.03	0.269	0.281	6.83	7.14	0.9563	15.671	
-429	4.960	4.990	125.98	126.75	4.938	5.012	125.43	127.30	0.269	0.281	6.83	7.14	0.9796	16.053	
-430	5.077	5.123	128.96	130.12	5.063	5.137	128.60	130.48	0.269	0.281	6.83	7.14	1.0030	16.436	
-431	5.202	5.248	132.13	133.30	5.188	5.262	131.78	133.65	0.269	0.281	6.83	7.14	1.0263	16.818	
-432	5.327	5.373	135.31	136.47	5.313	5.387	134.95	136.83	0.269	0.281	6.83	7.14	1.0496	17.200	
-433	5.452	5.498	138.48	139.65	5.438	5.512	138.13	140.00	0.269	0.281	6.83	7.14	1.0729	17.582	
-434	5.577	5.623	141.66	142.82	5.563	5.637	141.30	143.18	0.269	0.281	6.83	7.14	1.0963	17.965	
-435	5.702	5.748	144.83	146.00	5.688	5.762	144.48	146.35	0.269	0.281	6.83	7.14	1.1196	18.347	
-436	5.827	5.873	148.01	149.17	5.813	5.887	147.65	149.53	0.269	0.281	6.83	7.14	1.1429	18.729	
-437	5.952	5.998	151.18	152.35	5.938	6.012	150.83	152.70	0.269	0.281	6.83	7.14	1.1662	19.111	
-438	6.202	6.248	157.53	158.70	6.185	6.265	157.10	159.13	0.269	0.281	6.83	7.14	1.2129	19.876	
-439	6.452	6.498	163.88	165.05	6.435	6.515	163.45	165.48	0.269	0.281	6.83	7.14	1.2595	20.640	
-440	6.702	6.748	170.23	171.40	6.685	6.765	169.80	171.83	0.269	0.281	6.83	7.14	1.3062	21.405	
-441	6.952	6.998	176.58	177.75	6.935	7.015	176.15	178.18	0.269	0.281	6.83	7.14	1.3528	22.168	
-442	7.195	7.255	182.75	184.28	7.180	7.270	182.37	184.66	0.265	0.281	6.83	7.14	1.3995	22.934	
-443	7.445	7.505	189.10	190.63	7.430	7.520	188.72	191.01	0.269	0.281	6.83	7.14	1.4461	23.697	
-444	7.695	7.755	195.45	196.98	7.680	7.770	195.07	197.36	0.269	0.281	6.83	7.14	1.4928	24.463	
-445	7.945	8.005	201.80	203.33	7.930	8.020	201.42	203.71	0.269	0.281	6.83	7.14	1.5394	25.226	

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONTINUED)

DASH NUMBER	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF. 1)	
	I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES		W MILLIMETERS		CUBIC INCHES	CUBIC CENTI- METERS
	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.		
-446	8.445	8.505	214.50	216.03	8.420	8.530	213.9	216.7	0.269	0.281	6.83	7.14	1.6327	26.755
-447	8.945	9.005	227.20	228.73	8.920	9.030	226.6	229.4	0.269	0.281	6.83	7.14	1.7260	28.284
-448	9.445	9.505	239.50	241.43	9.420	9.530	239.3	242.1	0.269	0.281	6.83	7.14	1.8193	29.813
-449	9.945	10.005	252.60	254.13	9.920	10.030	252.0	254.8	0.269	0.281	6.83	7.14	1.9126	31.342
-450	10.445	10.505	265.30	266.83	10.415	10.535	264.5	267.6	0.269	0.281	6.83	7.14	2.0059	32.871
-451	10.945	11.005	278.00	279.53	10.915	11.035	277.2	280.3	0.269	0.281	6.83	7.14	2.0992	34.400
-452	11.445	11.505	290.70	292.23	11.415	11.535	289.9	293.0	0.269	0.281	6.83	7.14	2.1925	35.929
-453	11.945	12.005	303.40	304.93	11.915	12.035	302.6	305.7	0.269	0.281	6.83	7.14	2.2858	37.458
-454	12.445	12.505	316.10	317.63	12.415	12.535	315.3	318.4	0.269	0.281	6.83	7.14	2.3791	38.987
-455	12.945	13.005	328.80	330.33	12.915	13.035	328.0	331.1	0.269	0.281	6.83	7.14	2.4724	40.515
-456	13.445	13.505	341.50	343.03	13.405	13.545	340.5	344.0	0.269	0.281	6.83	7.14	2.5657	42.044
-457	13.945	14.005	354.20	355.73	13.905	14.045	353.2	356.7	0.269	0.281	6.83	7.14	2.6590	43.573
-458	14.445	14.505	366.90	368.43	14.405	14.545	365.9	369.4	0.269	0.281	6.83	7.14	2.7523	45.102
-459	14.945	15.005	379.60	381.13	14.905	15.045	378.6	382.1	0.269	0.281	6.83	7.14	2.8456	46.631
-460	15.445	15.505	392.30	393.83	15.405	15.545	391.3	394.8	0.269	0.281	6.83	7.14	2.9389	48.160
-461	15.910	16.000	404.11	406.40	---	---	---	---	0.269	0.281	6.83	7.14	3.0285	49.628
-462	16.410	16.500	416.81	419.10	---	---	---	---	0.269	0.281	6.83	7.14	3.1218	51.157
-463	16.910	17.000	429.51	431.80	---	---	---	---	0.269	0.281	6.83	7.14	3.2151	52.686
-464	17.410	17.500	442.21	444.50	---	---	---	---	0.269	0.281	6.83	7.14	3.3084	54.215
-465	17.910	18.000	454.91	457.20	---	---	---	---	0.269	0.281	6.83	7.14	3.4017	55.744
-466	18.410	18.500	467.61	469.90	---	---	---	---	0.269	0.281	6.83	7.14	3.4950	57.273
-467	18.910	19.000	480.31	482.60	---	---	---	---	0.269	0.281	6.83	7.14	3.5883	58.802
-468	19.410	19.500	493.01	495.30	---	---	---	---	0.269	0.281	6.83	7.14	3.6816	60.331
-469	19.910	20.000	505.71	508.00	---	---	---	---	0.269	0.281	6.83	7.14	3.7749	61.860
-470	20.410	21.000	531.11	533.40	---	---	---	---	0.269	0.281	6.83	7.14	3.9615	64.917
-471	21.910	22.000	556.51	558.80	---	---	---	---	0.269	0.281	6.83	7.14	4.1481	67.975
-472	22.880	23.000	581.2	584.2	---	---	---	---	0.269	0.281	6.83	7.14	4.3319	70.987
-473	23.880	24.000	606.6	609.6	---	---	---	---	0.269	0.281	6.83	7.14	4.5184	74.043
-474	24.880	25.000	632.0	635.0	---	---	---	---	0.269	0.281	6.83	7.14	4.7050	77.101
-475	25.880	26.000	657.4	660.4	---	---	---	---	0.269	0.281	6.83	7.14	4.8916	80.159

AS 568

UNIFORM DASH NUMBERING SYSTEM FOR O-RINGS

(CONCLUDED)

STRAIGHT THREAD TUBE FITTING BOSS GASKETS

DASH NUMBER	TUBE SIZE (NOM)	CLASS I				CLASS II				CLASSES I AND II				VOLUME (REF.)	
		I.D. INCHES		I.D. MILLIMETERS		I.D. INCHES		I.D. MILLIMETERS		W INCHES	W MILLIMETERS	CUBIC INCHES	CUBIC CENTI- METERS		
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.				
-901	0.0938	0.180	0.190	4.57	4.83	0.179	0.191	4.55	4.85	0.053	0.059	1.346	1.499	0.0019	0.031
-902	0.125	0.234	0.244	5.94	6.20	0.232	0.246	5.89	6.25	0.061	0.067	1.549	1.702	0.0031	0.051
-903	0.1875	0.296	0.306	7.52	7.77	0.294	0.308	7.47	7.82	0.061	0.067	1.549	1.702	0.0037	0.061
-904	0.250	0.346	0.356	8.79	9.04	0.344	0.358	8.74	9.09	0.069	0.075	1.753	1.905	0.0054	0.088
-905	0.3125	0.409	0.419	10.39	10.64	0.407	0.421	10.34	10.69	0.069	0.075	1.753	1.905	0.0062	0.102
-906	0.375	0.463	0.473	11.76	12.01	0.461	0.475	11.71	12.06	0.075	0.081	1.905	2.057	0.0082	0.134
-907	0.4375	0.525	0.535	13.34	13.59	0.523	0.537	13.28	13.64	0.079	0.085	2.007	2.159	0.0102	0.167
-908	0.500	0.59	0.649	16.23	16.48	0.635	0.653	16.13	16.59	0.084	0.090	2.134	2.286	0.0137	0.225
-909	0.5625	0.701	0.711	17.81	18.06	0.697	0.715	17.70	18.16	0.094	0.100	2.388	2.540	0.0186	0.305
-910	0.625	0.750	0.760	19.05	19.30	0.746	0.764	18.95	19.41	0.094	0.100	2.388	2.540	0.0198	0.324
-911	0.6875	0.858	0.868	21.79	22.05	0.854	0.872	21.69	22.15	0.112	0.120	2.845	3.048	0.0325	0.533
-912	0.750	0.918	0.930	23.32	23.62	0.915	0.933	23.24	23.70	0.112	0.120	2.845	3.048	0.0345	0.565
-913	0.8125	0.980	0.992	24.89	25.20	0.976	0.996	24.79	25.30	0.112	0.120	2.845	3.048	0.0366	0.600
-914	0.875	1.041	1.053	26.44	26.75	1.038	1.058	26.37	26.87	0.112	0.120	2.845	3.048	0.0386	0.633
-916	1.000	1.165	1.177	29.59	29.90	1.161	1.181	29.49	30.00	0.112	0.120	2.845	3.048	0.0427	0.700
-918	1.125	1.349	1.361	34.26	34.57	1.343	1.367	34.11	34.72	0.112	0.120	2.845	3.048	0.0488	0.800
-920	1.250	1.465	1.485	37.21	37.72	1.461	1.489	37.11	37.82	0.114	0.122	2.896	3.099	0.0547	0.896
-924	1.500	1.710	1.730	43.43	43.94	1.706	1.734	43.33	44.04	0.114	0.122	2.896	3.099	0.0631	1.034
-928	1.750	2.080	2.100	52.83	53.34	2.072	2.108	52.63	53.54	0.114	0.122	2.896	3.099	0.0759	1.244
-932	2.000	2.327	2.347	59.11	59.61	2.319	2.355	58.90	59.82	0.114	0.122	2.896	3.099	0.0843	1.381

PREPARED BY SAE COMMITTEE G-4, ELASTIC SEALS