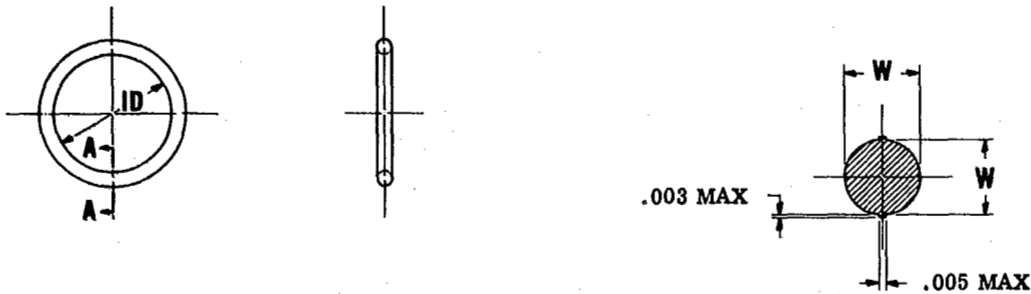


NATIONAL AEROSPACE STANDARD

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N. W., WASHINGTON, D. C. 20036



ALL DIAMETERS OF CROSS SECTION SHALL EQUAL W

SECTION A - A

- MATERIAL:** HIGH-TEMPERATURE, FLUID-RESISTANT, SYNTHETIC RUBBER CONFORMING TO SPEC MIL-R-25897, TYPE I, CLASS 1. RESISTANT TO JET FUEL, SYNTHETIC ENGINE LUBRICANTS AND PETROLEUM BASE HYDRAULIC FLUIDS.
- INSPECTION:** RINGS MAY BE OFF-REGISTER DUE TO MOLD MISALIGNMENT WITHIN TOLERANCES OF W DIMENSION. ENTIRE SURFACE SHALL BE VISUALLY INSPECTED IN ACCORDANCE WITH MIL-STD-413.
- PACKAGING:** SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH SPEC MIL-P-4861. IN ADDITION, COMPLETE IDENTIFICATION MARKING INCLUDING MANUFACTURER'S COMPOUND NUMBER, SHALL BE INDICATED ON EACH INDIVIDUAL PACKAGE.
- CODE:** DASH NUMBERS ARE IDENTICAL TO ARP 568 UNIFORM DASH NUMBERS.
- EXAMPLE OF PART NUMBER:**

NAS1593-004 = PACKING, PREFORMED WITH .070 ± .003 CROSS-SECTIONAL DIAMETER AND .070 ± .006 INSIDE DIAMETER.

- NOTES:**
1. DIMENSIONS IN INCHES.
 2. TOLERANCES AS SPECIFIED IN ACCORDANCE WITH ARP 568, CLASS II.
 3. THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
 4. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.

LIST OF CURRENT SHEETS

REV.	NO.
1	3
2	3
3	3

③

INACTIVE FOR DESIGN AFTER 15 August 1973
SEE MIL-R-83248. FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.

CUSTODIAN: NATIONAL AEROSPACE STANDARDS COMMITTEE

PROCUREMENT
SPECIFICATION

NONE

TITLE

PACKING, PREFORMED -
 MIL-R-25897 RUBBER, 75 SHORE,
 O-RING

CLASSIFICATION
STANDARD PART

Documents
 NAS 1593
 SHEET 1 OF 3

NATIONAL AEROSPACE STANDARD

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N. W., WASHINGTON, D. C. 20036

DASH NO. (a)	ACTUAL SIZE		BASIC VOL CU IN. (REF)	APPROX WEIGHT LB/100
	W	ID		
004	.070	±.003	.0017	.012
005			.0021	.015
006			.0022	.016
007			.0026	.018
008			.0030	.021
009			.0034	.024
010		±.007	.0037	.026
011			.0045	.032
012			.0052	.037
013			.0060	.043
014			.0068	.048
015			.0075	.053
016		±.009	.0083	.059
017			.0090	.064
018			.0098	.070
019			.0105	.075
020			.0113	.080
021			.0120	.085
022		±.010	.0128	.091
023			.0136	.097
024			.0143	.102
025		±.011	.0151	.107
026			.0158	.112
027			.0166	.118
028		±.013	.0173	.123
029			.0188	.134
030			.0204	.145
031		±.015	.0219	.156
032			.0234	.166
033		±.018	.0249	.177
034			.0264	.188
035			.0279	.198
036			.0294	.209
037			.0309	.220
038		±.020	.0324	.230
039			.0340	.242
040			.0355	.252
041		±.024	.0370	.263
042			.0400	.284
043			.0430	.306
044		±.027	.0460	.327
045			.0491	.349
046		±.030	.0521	.371
047			.0551	.392
048			.0582	.414
049		±.037	.0612	.435
050			.0642	.457

DASH NO. (a)	ACTUAL SIZE		BASIC VOL CU IN. (REF)	APPROX WEIGHT LB/100
	W	ID		
110	.103	±.003	.362	.087
111			.424	.098
112			.487	.110
113			.549	.122
114			.612	.133
115		±.009	.674	.144
116			.737	.156
117		±.010	.799	.168
118			.862	.180
119			.924	.191
120			.987	.203
121			1.049	.215
122			1.112	.226
123		±.012	1.174	.238
124			1.237	.250
125			1.299	.261
126			1.362	.272
127			1.424	.284
128			1.487	.296
129		±.015	1.549	.307
130			1.612	.319
131			1.674	.331
132			1.737	.343
133			1.799	.354
134			1.862	.366
135		±.017	1.925	.378
136			1.987	.389
137			2.050	.401
138			2.112	.412
139			2.175	.424
140			2.237	.435
141		±.020	2.300	.447
142			2.362	.459
143			2.425	.471
144			2.487	.482
145			2.550	.494
146			2.612	.506
147		±.022	2.675	.517
148			2.737	.528
149			2.800	.540
150			2.862	.552
151		±.024	2.987	.575
152			3.237	.622
153			3.487	.668
154		±.028	3.737	.715
155			3.987	.762
156		±.030	4.237	.808
157			4.487	.855
158			4.737	.901
159		±.035	4.987	.947
160			5.237	.994
161			5.487	1.040
162			5.737	1.087
163			5.987	1.134
164		±.040	6.237	1.179
165			6.487	1.226
166			6.737	1.272
167			6.987	1.319
168		±.045	7.237	1.365
169			7.487	1.412
170			7.737	1.459
171			7.987	1.505
172		±.050	8.237	1.551
173			8.487	1.598
174			8.737	1.644
175			8.987	1.690
176		±.055	9.237	1.737
177			9.487	1.783
178			9.737	1.831

(a) SIZES LISTED ON MS33666 (REF).

INACTIVE FOR DESIGN AFTER 15 August 1973
 SEE MIL-R-83248. FOR DESCRIPTION OF STATUS NOTES, SEE NAS386.

Documents
 AIA NAS 1593
 Document Sharing Hub
 SHEET 2