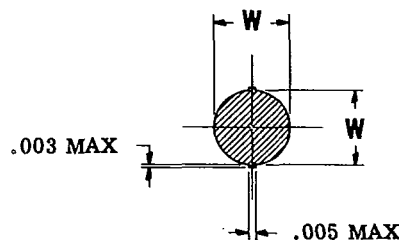
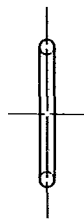
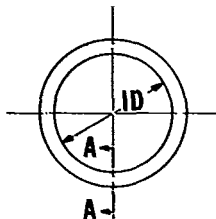


NATIONAL AEROSPACE STANDARD

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 2. RESISTANT TO JET FUEL, SYNTHETIC ENGINE LUBRICANTS AND PETROLEUM BASE HYDRAULIC FLUIDS.
- INSPECTION:** RINGS MAY BE OFF-REGISTER DUE TO MOLD MISALINEMENT 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:**

NAS1594-004 = 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

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, 90 SHORE,
O-RING

CLASSIFICATION
STANDARD PART

NAS 1594
Documents
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	.070	±.006
005			.101	
006			.114	
007			.145	
008			.176	
009			.208	
010			.239	±.007
011			.301	
012			.364	
013			.426	
014			.489	
015			.551	
016			.614	±.009
017			.676	
018			.739	
019			.801	
020			.864	
021			.926	
022			.989	±.010
023			1.051	
024			1.114	
025			1.176	±.011
026			1.239	
027			1.301	
028			1.364	±.013
029			1.489	
030			1.614	
031			1.739	±.015
032			1.864	
033			1.989	±.018
034			2.114	
035			2.239	
036			2.364	
037			2.489	
038			2.614	±.020
039			2.739	
040			2.864	
041			2.989	±.024
042			3.239	
043			3.489	
044			3.739	±.027
045			3.989	
046			4.239	±.030
047			4.489	
048			4.739	
049			4.989	±.037
050			5.239	

DASH NO. (a)	ACTUAL SIZE		BASIC VOL CU IN. (REF)	APPROX WEIGHT LB/100
	W	ID		
110	.103	±.003	.362	±.007
111			.424	
112			.487	
113			.549	
114			.612	±.009
115			.674	
116			.737	
117			.799	±.010
118			.862	
119			.924	
120			.987	
121			1.049	
122			1.112	
123			1.174	±.012
124			1.237	
125			1.299	
126			1.362	
127			1.424	
128			1.487	
129			1.549	±.015
130			1.612	
131			1.674	
132			1.737	
133			1.799	
134			1.862	±.017
135			1.925	
136			1.987	
137			2.050	
138			2.112	
139			2.175	
140			2.237	±.020
141			2.300	
142			2.362	
143			2.425	
144			2.487	
145			2.550	
146			2.612	±.022
147			2.675	
148			2.737	
149			2.800	
150			2.862	
151			2.987	±.024
152			3.237	
153			3.487	
154			3.737	±.028
155			3.987	
156			4.237	±.030
157			4.487	
158			4.737	
159			4.987	±.035
160			5.237	
161			5.487	
162			5.737	
163			5.987	
164			6.237	±.040
165			6.487	
166			6.737	
167			6.987	
168			7.237	±.045
169			7.487	
170			7.737	
171			7.987	
172			8.237	±.050
173			8.487	
174			8.737	
175			8.987	
176			9.237	±.055
177			9.487	
178			9.737	

(a) SIZES LISTED ON MS33666 (REF).

③ INACTIVE FOR DESIGN AFTER 15 August 1973
SEE MIL-R-83248. FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.

Documents
AIA NAS 1594
Document Sheet 2