



PART NO.	DIMENSIONAL			A +.002 -.000	B +.000 -.002	C REF	BALL BEA	B +.005 -.005	B ±.001
	V	LD	GD						
1	3/16	3/8	1/2	.177	.694	.177	1.563	.282	1/16
2	3/16	3/8	9/16	.190	.560	.177	1.563	.282	1/16
3	3/16	1/4	5/8	.177	.623	.177	1.563	.282	1/16
4	3/16	5/16	11/16	.177	.695	.177	1.563	.282	1/16
5	3/16	3/8	3/4	.177	.716	.177	1.563	.282	1/16
6	3/16	7/16	13/16	.177	.810	.177	1.563	.282	1/16
7	3/16	1/2	7/8	.177	.927	.177	1.563	.282	1/16
8	3/16	3/4	1	.177	.976	.177	1.563	.282	1/16
9	3/16	5/8	13/16	.177	.810	.210	1.875	.351	1/16
10	3/16	3/4	7/8	.177	.873	.210	1.875	.351	1/16
11	3/16	7/16	15/16	.177	.935	.210	1.875	.351	1/16
12	3/16	1/2	1	.177	.976	.210	1.875	.351	1/16
13	3/16	9/16	1- 1/16	.177	1.060	.210	1.875	.351	1/16
14	3/16	5/8	1- 1/8	.177	1.123	.210	1.875	.351	1/16
15	3/16	11/16	1- 3/16	.177	1.285	.210	1.875	.351	1/16
16	3/16	3/4	1- 1/4	.177	1.248	.210	1.875	.351	1/16
17	3/16	5/8	1- 5/16	.177	1.110	.210	1.875	.351	1/16
18	3/16	7/8	1- 3/8	.177	1.173	.210	1.875	.351	1/16
19	3/16	15/16	1- 7/16	.177	1.435	.210	1.875	.351	1/16
20	3/16	1	1- 1/2	.177	1.698	.210	1.875	.351	1/16
21	3/8	1- 1/16	1- 9/16	.177	1.560	.210	1.875	.351	1/16
22	3/8	1- 1/8	1- 7/8	.177	1.623	.210	1.875	.351	1/16
23	3/8	1- 3/16	1- 11/16	.177	1.685	.210	1.875	.351	1/16
24	3/8	1- 1/4	1- 1	.177	1.748	.210	1.875	.351	1/16
25	5/16	1- 1/4	1- 7/8	.177	1.811	.302	2.500	.458	1/16
26	5/16	1- 3/8	2	.177	1.973	.302	2.500	.458	1/16
27	5/16	1- 1/2	2- 1/8	.177	2.135	.302	2.500	.458	1/16
28	5/16	1- 5/8	2- 1/4	.177	2.298	.302	2.500	.458	1/16
29	5/16	1- 7/8	2- 3/4	.177	2.460	.302	2.500	.458	1/16
30	5/16	1- 1	2- 1/2	.177	2.623	.302	2.500	.458	1/16
(e)				+.004 -.000	+.000 -.004				
31	5/16	2	2- 5/8	2.135	2.623	.302	2.500	.458	1/16
32	5/16	2- 1/8	2- 3/4	2.135	2.785	.302	2.500	.458	1/16
33	5/16	2- 1/4	2- 1	2.135	2.948	.302	2.500	.458	1/16
34	5/16	2- 3/8	2	2.135	2.998	.302	2.500	.458	1/16
35	5/16	2- 1/2	2- 3/4	2.135	3.123	.302	2.500	.458	1/16
36	3/8	2- 1/2	3- 1/4	2.135	3.248	.365	3.125	.565	1/8
37	3/8	2- 5/8	3- 3/8	2.623	3.373	.365	3.125	.565	1/8
38	3/8	2- 3/4	3- 1/2	2.623	3.497	.365	3.125	.565	1/8
39	3/8	2- 7/8	3- 5/8	2.623	3.622	.365	3.125	.565	1/8
40	3/8	3	3- 3/4	2.623	3.747	.365	3.125	.565	1/8

PART NO.	DIMENSIONAL			A +.004 -.000	B +.000 -.004	C REF	BALL BEA	B +.005 -.005	B ±.001
	V	LD	GD						
41	3/8	3- 1/8	3- 7/8	3.123	3.497	.365	3.125	.565	1/8
42	3/8	3- 1/4	4	3.253	3.577	.365	3.125	.565	1/8
43	3/8	3- 3/8	4- 1/8	3.378	3.657	.365	3.125	.565	1/8
44	3/8	3- 1/2	4- 3/8	3.503	3.737	.365	3.125	.565	1/8
45	3/8	3- 5/8	4- 5/8	3.628	3.817	.365	3.125	.565	1/8
46	3/8	3- 3/4	4- 1/2	3.753	3.897	.365	3.125	.565	1/8
47	3/8	3- 7/8	4- 5/8	3.878	3.977	.365	3.125	.565	1/8
48	3/8	4	4- 3/4	3.978	4.057	.427	3.750	.671	5/32
49	3/8	4	4- 7/8	4.003	4.077	.427	3.750	.671	5/32
50	3/8	4- 1/8	5- 1/8	4.253	4.327	.427	3.750	.671	5/32
51	3/8	4- 1/4	5- 3/8	4.503	4.377	.427	3.750	.671	5/32
52	3/8	4- 3/8	5- 5/8	4.753	4.427	.427	3.750	.671	5/32
53	3/8	4	5- 1/8	5.003	4.477	.427	3.750	.671	5/32
54	3/8	4- 1/2	5- 3/4	5.253	4.527	.427	3.750	.671	5/32
55	3/8	4- 5/8	6- 1/8	5.503	4.577	.427	3.750	.671	5/32
56	3/8	4- 3/4	6- 1/2	5.753	4.627	.490	4.375	.778	5/16
57	3/8	5	6- 1/4	6.003	4.677	.490	4.375	.778	5/16
58	3/8	5- 1/8	6- 3/4	6.253	4.727	.490	4.375	.778	5/16
59	3/8	5- 3/8	7- 1/8	6.503	4.777	.490	4.375	.778	5/16
60	3/8	5- 5/8	7- 3/8	6.753	4.827	.490	4.375	.778	5/16
61	3/8	5- 3/4	7- 5/8	7.003	4.877	.490	4.375	.778	5/16
62	3/8	6	8	7.253	4.927	.490	4.375	.778	5/16
63	3/8	6- 1/8	8- 1/4	7.503	4.977	.490	4.375	.778	5/16
64	3/8	6- 1/4	8- 3/8	7.753	5.027	.490	4.375	.778	5/16
65	3/8	6- 3/8	8- 5/8	8.003	5.077	.490	4.375	.778	5/16
66	3/8	6- 1/2	9	8.253	5.127	.490	4.375	.778	5/16
67	3/8	6- 5/8	9- 1/4	8.503	5.177	.490	4.375	.778	5/16
68	3/8	6- 3/4	9- 3/8	8.753	5.227	.490	4.375	.778	5/16
69	3/8	6- 7/8	9- 5/8	9.003	5.277	.490	4.375	.778	5/16
70	3/8	7	10	9.253	5.327	.490	4.375	.778	5/16
71	3/8	10- 1/2	11- 1/2	10.503	5.497	.490	4.375	.778	5/16
72	3/8	11	12	11.003	5.597	.490	4.375	.778	5/16
73	3/8	11- 1/8	12- 3/8	11.503	5.697	.490	4.375	.778	5/16
74	3/8	11- 1/4	12- 5/8	12.003	5.797	.490	4.375	.778	5/16
75	3/8	11- 3/8	13- 1/8	12.503	5.897	.490	4.375	.778	5/16
76	3/8	11- 1/2	13- 3/8	13.003	5.997	.490	4.375	.778	5/16
77	3/8	11- 3/4	14- 1/4	13.503	6.097	.490	4.375	.778	5/16
78	3/8	12	15	14.003	6.197	.490	4.375	.778	5/16
79	3/8	12- 1/2	15- 1/2	14.503	6.297	.490	4.375	.778	5/16
80	3/8	13	16	15.003	6.397	.490	4.375	.778	5/16

(e) TOLERANCES FOR DIMENSIONS A AND B SIZES -31 TO -40 INCLUSIVE.  
 MATERIAL: BEARING BRONZE WITH MINIMUM 80,000 LB PER SQ INCH TENSILE STRENGTH OR ALUMINUM ALLOY, SPECIFICATION QQ-A-225/8 T-6  
 ALUMINUM ALLOY, SPECIFICATION QQ-A-250/4 T-4  
 ALUMINUM ALLOY, TUNGSTEN, SPECIFICATION WM-T-700/6 T-6  
 FINISH: ALL SURFACES TO BE UNIL TO SMOOTH BARRENING FINISH AS ALLOWED - ANNOTED, SPEC MIL-A-8625  
 SAMPLE OF PART NO. AN6228-7 = FEMALE ADAPTER BERRY 1/2 INTERNAL ID, 3/8 INTERNAL OD.  
 BREAK ALL SHARP EDGES .005 RADIUS.  
 COMPLETE PART NO. FIRST BE ORDERED ON ALL BILLS.  
 TO BE USED WITH PACKING COMPUNING TO AN6225.  
 BALL IS USED FOR GAGING PURPOSES ONLY. BALL IS COMMERCIAL BALL BEARING.  
 DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: FRACTIONS ±.004, DECIMALS ±.005, ANGLES ±.1°.

**INACTIVE FOR DESIGN AFTER 16 DEC 1952. NO SUPERSEDING AN STANDARD.**

PROCESSING SPECIFICATION	<b>AIR FORCE-NAVY AERONAUTICAL STANDARD</b>	<b>AN6228</b>
NAME	<b>ADAPTER - "V" RING FEMALE HYDRAULIC PACKING</b>	

THE DRAWING IS APPROVED AS SHOWN BY THE SIGNATURE OF THE DESIGNER AND THE DATE OF THE SIGNATURE. THE SIGNATURE OF THE CHECKER AND THE DATE OF THE SIGNATURE IS ALSO REQUIRED. THE SIGNATURE OF THE APPROVER IS ALSO REQUIRED. THE DATE OF THE SIGNATURE OF THE APPROVER IS ALSO REQUIRED. THE DATE OF THE SIGNATURE OF THE APPROVER IS ALSO REQUIRED.

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