

INCH-POUND

AN6225 REV. 8  
**30 May 2008**  
 SUPERSEDING  
 AN6225 REV. 7  
 22 October 1971

# DETAIL SPECIFICATION SHEET PACKING – “V” RING HYDRAULIC

Inactive for new design after 16 December 1952

This specification sheet is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product herein shall consist of this specification sheet and procurement specification MIL-DTL-5516.

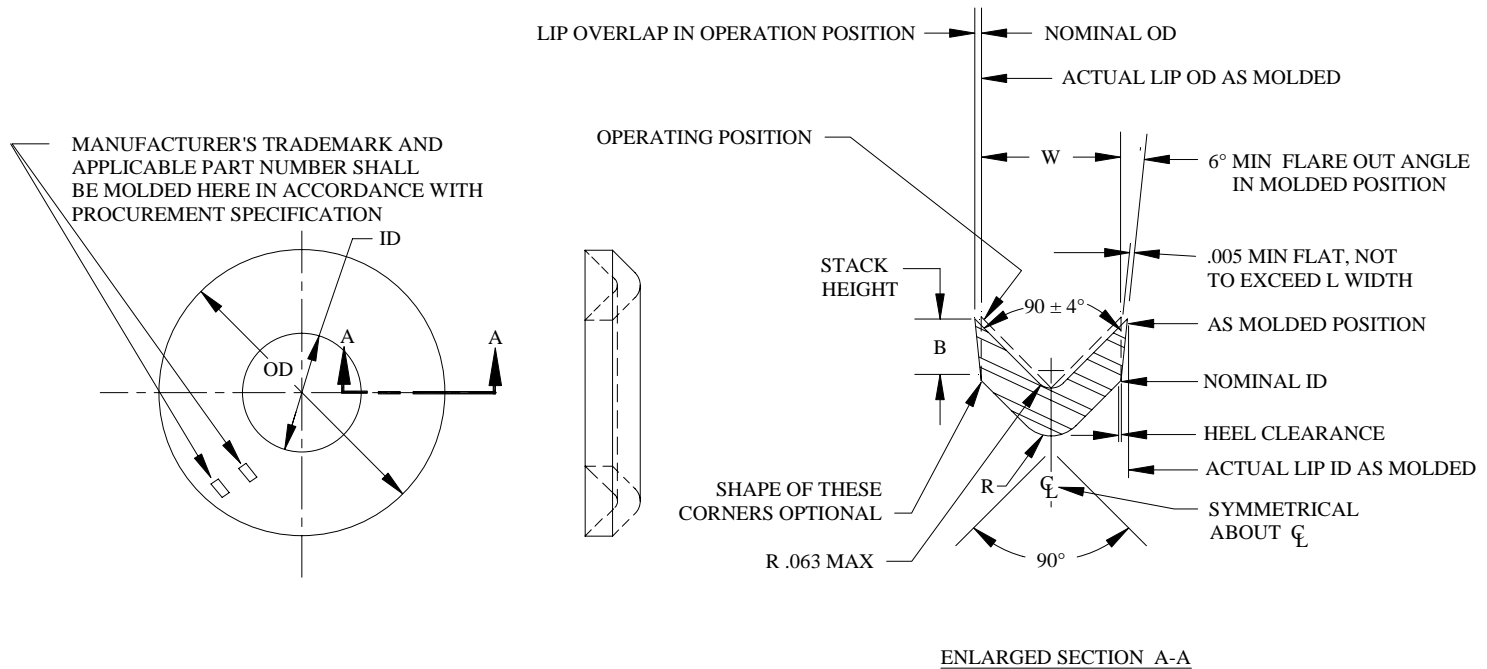


FIGURE 1. “V” Ring

AMSC N/A

FSC 5330

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TABLE I. Dash Numbers and Dimensions

DASH NO.	NOMINAL <sup>2</sup>			ACTUAL LIP ID (MAX)	ACTUAL LIP OD (MIN)	B +.010	L MAX	R RAD MIN
	W	ID	OD					
1	.188	.125	.500	.118	.507	.083	.020	.063
2	.188	.188	.563	.180	.570	.083	.020	.063
3	.188	.250	.625	.243	.632	.083	.020	.063
4	.188	.313	.688	.305	.695	.083	.020	.063
5	.188	.375	.750	.368	.757	.083	.020	.063
6	.188	.438	.813	.430	.820	.083	.020	.063
7	.188	.500	.875	.493	.882	.083	.020	.063
8	.250	.250	.750	.243	.757	.083	.020	.063
9	.250	.313	.813	.305	.820	.083	.020	.063
10	.250	.375	.875	.368	.882	.083	.020	.063
11	.250	.438	.938	.430	.945	.083	.020	.063
12	.250	.500	1.000	.493	1.007	.083	.020	.063
13	.250	.563	1.063	.555	1.070	.083	.020	.063
14	.250	.625	1.125	.618	1.132	.083	.020	.063
15	.250	.688	1.188	.680	1.195	.083	.020	.063
16	.250	.750	1.250	.743	1.257	.083	.020	.063
17	.250	.813	1.313	.805	1.320	.083	.020	.063
18	.250	.875	1.375	.868	1.382	.083	.020	.063
19	.250	.938	1.438	.930	1.445	.083	.020	.063
20	.250	1.000	1.500	.993	1.507	.083	.020	.063
21	.250	1.063	1.563	1.055	1.570	.083	.020	.063
22	.250	1.125	1.625	1.118	1.632	.083	.020	.063
23	.250	1.188	1.688	1.180	1.695	.083	.020	.063
24	.250	1.250	1.750	1.243	1.757	.083	.020	.063
25	.313	1.250	1.875	1.240	1.885	.140	.035	.109
26	.313	1.375	2.000	1.365	2.010	.140	.035	.109
27	.313	1.500	2.125	1.490	2.135	.140	.035	.109
28	.313	1.625	2.250	1.615	2.260	.140	.035	.109
29	.313	1.750	2.375	1.740	2.385	.140	.035	.109
30	.313	1.875	2.500	1.865	2.510	.140	.035	.109
31	.313	2.000	2.625	1.990	2.635	.140	.035	.109
32	.313	2.125	2.750	2.115	2.760	.140	.035	.109
33	.313	2.250	2.875	2.240	2.885	.140	.035	.109
34	.313	2.375	3.000	2.365	3.010	.140	.035	.109
35	.313	2.500	3.125	2.490	3.135	.140	.035	.109
36	.375	2.500	3.250	2.488	3.262	.156	.035	.125
37	.375	2.625	3.375	2.613	3.387	.156	.035	.125
38	.375	2.750	3.500	2.738	3.512	.156	.035	.125
39	.375	2.875	3.625	2.863	3.637	.156	.035	.125
40	.375	3.000	3.750	2.988	3.762	.156	.035	.125

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TABLE I. Dash Numbers and Dimensions - continued

DASH NO.	NOMINAL <sup>2</sup>			ACTUAL LIP ID (MAX)	ACTUAL LIP OD (MIN)	B +.010	L MAX	R RAD MIN
	W	ID	OD					
41	.375	3.125	3.875	3.113	3.887	.156	.035	.125
42	.375	3.250	4.000	3.238	4.012	.156	.035	.125
43	.375	3.375	4.125	3.363	4.137	.156	.035	.125
44	.375	3.500	4.250	3.488	4.262	.156	.035	.125
45	.375	3.625	4.375	3.613	4.387	.156	.035	.125
46	.375	3.750	4.500	3.738	4.512	.156	.035	.125
47	.375	3.875	4.625	3.863	4.637	.156	.035	.125
48	.438	3.875	4.750	3.857	4.768	.197	.035	.156
49	.438	4.000	4.875	3.982	4.893	.197	.035	.156
50	.438	4.250	5.125	4.232	5.143	.197	.035	.156
51	.438	4.500	5.375	4.482	5.393	.197	.035	.156
52	.438	4.750	5.625	4.732	5.643	.197	.035	.156
53	.438	5.000	5.875	4.982	5.893	.197	.035	.156
54	.438	5.250	6.125	5.232	6.143	.197	.035	.156
55	.438	5.500	6.375	5.482	6.393	.197	.035	.156
56	.500	5.500	6.500	5.482	6.518	.197	.035	.156
57	.500	5.750	6.750	5.732	6.768	.197	.035	.156
58	.500	6.000	7.000	5.982	7.018	.197	.035	.156
59	.500	6.250	7.250	6.232	7.268	.197	.035	.156
60	.500	6.500	7.500	6.482	7.518	.197	.035	.156
61	.500	6.750	7.750	6.732	7.768	.197	.035	.156
62	.500	7.000	8.000	6.982	8.018	.197	.035	.156
63	.500	7.250	8.250	7.232	8.268	.197	.035	.156
64	.500	7.500	8.500	7.482	8.518	.197	.035	.156
65	.500	7.750	8.750	7.732	8.768	.197	.035	.156
66	.500	8.000	9.000	7.982	9.018	.197	.035	.156
67	.500	8.500	9.500	8.482	9.518	.197	.035	.156
68	.500	9.000	10.000	8.982	10.018	.197	.035	.156
69	.500	9.500	10.500	9.482	10.518	.197	.035	.156
70	.500	10.000	11.000	9.982	11.018	.197	.035	.156
71	.500	10.500	11.500	10.482	11.518	.197	.035	.156
72	.500	11.000	12.000	10.982	12.018	.197	.035	.156
73	.500	11.500	12.500	11.482	12.518	.197	.035	.156
74	.500	12.000	13.000	11.982	13.018	.197	.035	.156
75	.500	12.500	13.500	12.482	13.518	.197	.035	.156
76	.500	13.000	14.000	12.982	14.018	.197	.035	.156
77	.500	13.500	14.500	13.482	14.518	.197	.035	.156
78	.500	14.000	15.000	13.982	15.018	.197	.035	.156
79	.500	14.500	15.500	14.482	15.518	.197	.035	.156
80	.500	15.000	16.000	14.982	16.018	.197	.035	.156

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## NOTES:

1. Material in accordance with procurement specification: MIL-DTL-5516 Class A.
2. Nominal dimensions are listed for clarification and identification and should not be considered specific dimensions.
3. Dimensions in inches. Unless otherwise specified, tolerances: Dimensions  $\pm .005$ , Angles  $\pm 1^\circ$ .
4. Packings AN6225-( ) inactive for design and procurement. Use equivalent AN6225B ( ) part number whenever AN6225 packings are specified.
5. Designation AN6225B is used only for packaging and stocking. Assembly drawings shall specify packings only by their AN6225- number, (Without reference to Type B).
6. Surface smoothness, finish and manufacturing processes shall conform to procurement specification.
7. Example of Part No: AN6225-13 = Packing-“V” Ring Hydraulic Nominal ID .563,  
Nominal OD 1.063, Material: Specification MIL-DTL-5516 Class A  
AN6225B 13 = Packing-“V” Ring Hydraulic Nominal ID .563,  
Nominal OD 1.063, Material: Specification MIL-DTL-5516 Class A
8. Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

## Custodians:

Navy – AS  
Air Force – 99

## Preparing activity:

DLA – IS

(Project 5330 – 2006 – 002)

## Review Activities:

Navy – SA, SH  
Air Force – 71

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil/>.