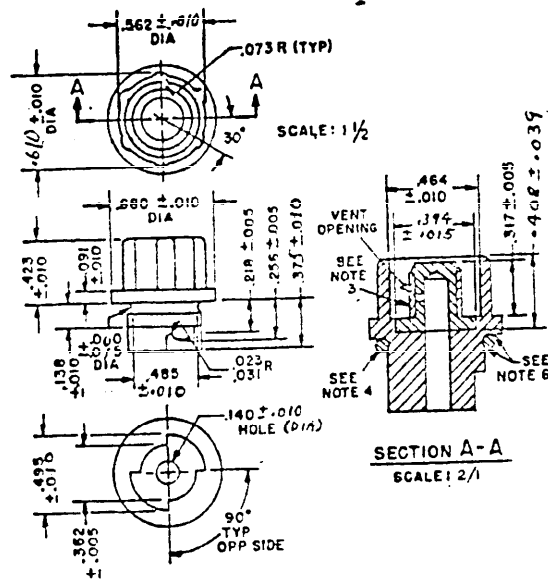


FED. SUP CLASS  
6140FIGURE 1  
MS 75046-1

INCHES	MM	INCHES	MM
.005	.13	.317	8.05
.010	.25	.362	9.19
.015	.38	.375	9.53
.023	.58	.394	10.01
.031	.79	.408	10.36
.039	.99	.423	10.74
.060	1.52	.464	11.79
.073	1.85	.485	12.32
.091	2.31	.495	12.57
.138	3.51	.562	14.27
.140	3.56	.610	15.49
.218	5.54	.680	17.27
.256	6.50		

NOTES  
SEE SHEET 3  
ENTIRE STANDARD REVISED

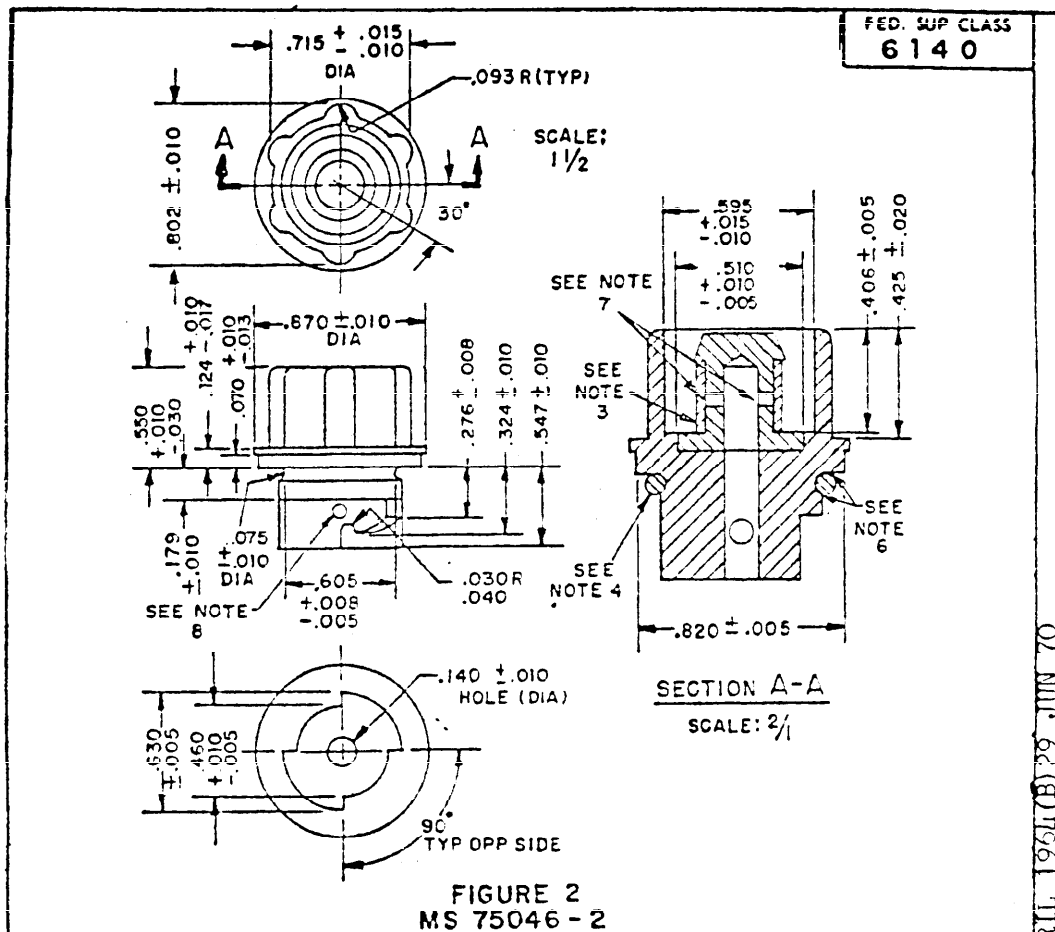
This standard has been approved by the Department of the Army and is mandatory for use by that activity. All other military activities are required to employ this standard where applicable.

P.A.	TITLE	MILITARY STANDARD
Other Cust NONE	BAYONET TYPE VENT CAP	MS 75046(EL)
Procurement Specification MIL-B-55118 (EL)	SUPERSEDES:	SHEET 1 OF 3

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APPROVED 5 MARCH 1962 REVISED (A) 3 APRIL 1964 (B) 29 JUN 70



INCHES	MM	INCHES	MM
.005	.13	.276	7.01
.008	.20	.324	8.23
.010	.25	.406	10.31
.013	.33	.425	10.80
.015	.38	.460	11.68
.017	.43	.510	12.95
.020	.51	.547	13.89
.030	.76	.550	13.97
.040	1.02	.595	15.11
.070	1.78	.605	15.37
.075	1.91	.630	16.00
.093	2.36	.715	18.16
.124	3.15	.802	20.37
.140	3.56	.820	20.83
.179	4.55	.870	22.10

This standard has been approved by the ELECTRONICS COMMAND  
Department of the ARMY and is mandatory for use by  
that activity. All other military activities are required  
to employ this standard where applicable.

P.A.EL	TITLE	MILITARY STANDARD
Other Cust	BAYONET TYPE VENT CAP	MS 75046 (EL)
Procurement Specification MIL-B-55118 (EL)	SUPERSEDES:	SHEET 2 OF 3

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FED. SUP CLASS  
6140

## NOTES

1. All dimensions are in inches.
2. Metric equivalents specified in table are for general information only and are based upon 1 inch = 25.4 millimeters.
3. The vent valve sleeve material shall be neoprene, resistant to 1.300 specific gravity potassium hydroxide.
4. The "O" ring material shall be ethylene propylene rubber per Parker Compound E 515-8 or equal and the sizes shall conform to Parker Numbers, ARP 2-13 for MS 75046-1 and ARP 2-114 for MS 75046-2, with a thickness of .070  $\pm$  .003 inch (1.78  $\pm$  .08 mm) for -1 and .103  $\pm$  .015<sup>015</sup>/<sub>.003</sub> inch (2.62  $\pm$  .38<sup>36</sup>/<sub>.08</sub> mm) for -2.
5. The release pressure shall be 6.0 psi  $\pm$  4.0 psi.
6. This area to be free of all flash and mold marks.
7. Provide at least one (1) vent opening. A second opening is optional.
8. Two vent holes, .055  $\pm$  .005 inch (1.40  $\pm$  .13 mm) in diameter, diametrically opposite with their perimeters either tangent to or no more than .030 inch (.76 mm) distant from camlock shoulder.
9. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
10. Referenced documents shall be of the issue in effect on date of invitation for bid.

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This standard has been approved by the ELECTRONICS COMMAND Department of the ARMY and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

P.A.E.L.	TITLE	MILITARY STANDARD
Other Cust	BAYONET TYPE VENT CAP	MS 75046 (EL)
Procurement Specification MIL-B-55118 (EL)	SUPERSEDES:	SHEET 3 OF 3

DD FORM 672 (Coordinated)

EDITION OF 1 SEP 67 MAY BE USED.

APPROVED 5 MARCH 1968 REVISED (A) 3 APRIL 1964 (B) 29 JUN 70

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SPECIFICATION ANALYSIS SHEET		Form Approved Budget Bureau No. 22-R255
<b>INSTRUCTIONS:</b> This sheet is to be filled out by personnel, either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments and suggestions submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or serve to amend contractual requirements.		
SPECIFICATION <u>MS75040(EL) BAYONET TYPE VENT CAP</u>		
ORGANIZATION _____		
CITY AND STATE _____	CONTRACT NUMBER _____	
MATERIAL PROCURED UNDER A <input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT		
1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? A. GIVE PARAGRAPH NUMBER AND WORDING.		
B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES		
2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID		
3. IS THE SPECIFICATION RESTRICTIVE? <input type="checkbox"/> YES <input type="checkbox"/> NO (If "yes", in what way?)		
4. REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)		
SUBMITTED BY (Printed or typed name and activity - Optional)		DATE

DD FORM 1426  
1 JAN 66

REPLACES EDITION OF 1 OCT 64 WHICH MAY BE USED.

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