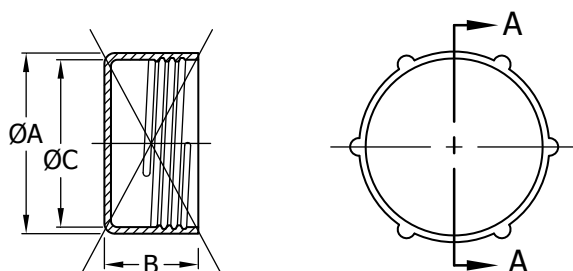


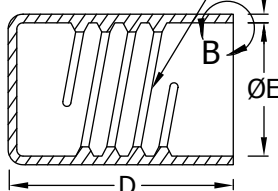
FED. SUPPLY CLASS

5340

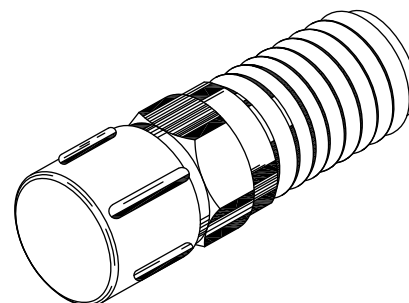


MIN. OF 3 COMPLETE
THREADS

.031 MIN
(TYP)



DETAIL B OPTIONAL CONFIGURATION



SECTION A-A

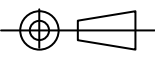
TABLE I – DIMENSIONS

TABLE 1 DIMENSIONS									
DASH NO. /1/ /2/	TUBE SIZE (REF)	ØA	B	ØC	D	TOL	ØE	THREAD (REF)	KNURLS
3	.188	.44	.47	.380		±.020		.3750-24	4
3B					.514		.385		
4		.250	.50	.47	.443				
4B					.585				
5	.312	.56	.47	.505		±.030	.510	.5000-20	6
5B					.595				
6	.375	.62	.47	.568			.573	.5625-18	
6B					.601				
6A	.500	.69	.52	.630			.7500-16	.8750-14	8
8		.81	.66	.755		.760			
8B					.702				
10	.625	.94	.66	.880		±.030	.885	.8750-14	1.0000-14
10B					.803				
11	.750	1.06	.81	1.005			1.073	1.0625-12	
12		1.12	.72	1.068					
12B					.909				
12A	1.000	1.12	.75	1.068			1.3125-12	1.323	1.3125-12
14		1.25	.91	1.193					
16		1.38	.69	1.318					
16B	1.250				.956		1.635	1.6250-12	1.635
20		1.69	.88	1.60					
20B					1.003				
24	1.500	1.94	1.00	1.880			1.8750-12	1.885	1.8750-12
24B					1.128				

**INACTIVE FOR DESIGN AFTER OCTOBER 31, 2012. SEE NAS832.
FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.**

③ COMPLETELY REVISED

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

3

PROCUREMENT SPECIFICATION

TITLE

CAP, PROTECTIVE, FLARED FITTING (3)

CLASSIFICATION
PART STANDARD

DIAS814
SHEET 1 OF 3



SHEET 1 OF 3

Document Sharing Hub

MATERIAL:

POLYETHYLENE PER L-P-390 TYPE I, CLASS L, GRADE 1; OR PER ASTM D4976, GROUP 1, CLASS 1;
OR PER ASTM D1248, TYPE I.

COLOR:

OPTIONAL, IF NO COLOR IS SPECIFIED ON THE PURCHASE ORDER.

MARKING:

PERMANENTLY MARK MANUFACTURER'S NAME OR TRADEMARK ON ALL SIZES AND WITH NAS PART
NUMBER ON -5 AND LARGER, LOCATION OPTIONAL.

EXAMPLE OF PART NUMBER:

NAS814 - 6B

DASH NUMBER FROM TABLE I
BASIC NUMBER

NAS814-6B = THREADED CAP FOR EQUIPMENT OR PARTS WITH 3/8 INCH FLARED PORT PER MS33656,
AS4395, MS33657 OR AS4396.

NOTES:

- /1/ DASH NUMBERS 6A, 11, 12A, 14 AND 31 THROUGH 170 INACTIVE FOR DESIGN AFTER 15 JAN 61. NO
SUPERSEDING STANDARD.
- /2/ DASH NUMBERS 3, 4, 5, 6, 8, 10, 12, 16, 20 AND 24 ARE INACTIVE FOR DESIGN AFTER 16 JUNE 1969.
SUPERSEDED BY 3B, 4B, 5B, 6B, 8B, 10B, 12B, 16B, 20B AND 24B RESPECTIVELY.
- (3) GENERAL REQUIREMENTS FOR CLOSURES DESCRIBED HEREON:
 - a) THE CAP SHALL BE CAPABLE OF PERFORMING ITS INTENDED FUNCTION WITHOUT LOOSENING OR
FALLING OFF WHEN SUBJECTED TO NORMAL HANDLING AND VIBRATION EXPERIENCED IN THE
TRANSPORTATION OF THE PARTS ON WHICH IT MAY BE INSTALLED.
 - b) THE CAP MUST BE EASILY INSTALLED AND REMOVED AND BE CAPABLE OF WITHSTANDING
REPEATED INSTALLATION AND REMOVAL.
 - c) THE MATERIAL SHALL NOT CHIP OR SHRED UNDER NORMAL USE.
 - d) THE CAP SHALL BE CAPABLE OF WITHSTANDING A POSITIVE PRESSURE OF 2 PSI WITHOUT
BLOWING OFF AND A NEGATIVE PRESSURE OF 2 PSI WITHOUT COLLAPSING.
 - e) CLOSURE SHALL BE FREE FROM WARPAGE, CRACKS, CHIPPED EDGES, BLISTERS, BURRS AND
FLASH.
- (4) INTENDED USE: CAP FOR FLARED TUBE FITTINGS OR EQUIPMENT WITH PORTS IN ACCORDANCE WITH
MS33656, AS4395, MS33657 OR AS4396.
- (5) DIMENSIONS IN INCHES.
- (6) TOLERANCES UNLESS OTHERWISE SPECIFIED: DECIMALS: .XX ±.03, .XXX ±.010.

**INACTIVE FOR DESIGN AFTER OCTOBER 31, 2012. SEE NAS832.
FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.**

REVISION

3

③ COMPLETELY REVISED



NAS814
SHEET 2

Document Sharing Hub