

FED. SUPPLY CLASS

5340

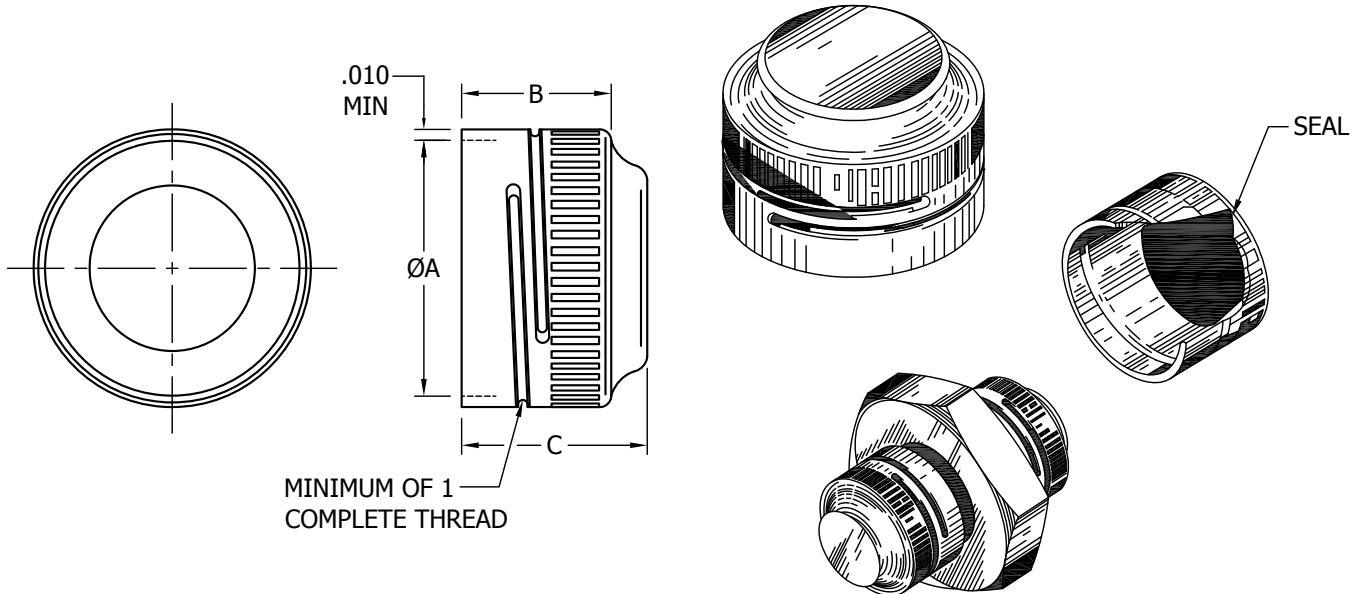


TABLE I – DIMENSIONS

	DASH NUMBER	TUBING SIZE (REF)	THREAD (REF)	ØA ±.010	B MIN	C MIN
/2/	2	.125	.3125-24	.323	.29	.39
/2/	3	.188	.3750-24	.386	.26	.33
	4	.250	.4375-20	.449	.34	.47
	5	.312	.5000-20	.511	.34	.45
	6	.375	.5625-18	.573	.34	.45
/1/	7	.438	.6250-18	.633	.56	.62
	8	.500	.7500-16	.761	.43	.59
	10	.625	.8750-14	.886	.50	.65
	12	.750	1.0625-12	1.073	.61	.74
	16	1.000	1.3125-12	1.324	.68	.83
	20	1.250	1.6250-12	1.636	.68	.84
	24	1.500	1.8750-12	1.886	.78	.95
	32	2.000	2.5000-12	2.511	.83	.97

**INACTIVE FOR DESIGN AFTER OCTOBER 31, 2102. SEE NAS835.
FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.**

④ COMPLETELY REVISED

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 4
PROCUREMENT SPECIFICATION NONE	TITLE CAP, PROTECTIVE, FLARED FITTING	CLASSIFICATION PART STANDARD
	④	NAS817 SHEET 1 OF 3



Documents
SHEET 1 OF 3

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MATERIAL:

3003-O ALUMINUM ALLOY PER ~~QQ-A-250/2~~ AMS-QQ-A-250/2 OR ASTM B209
SEALS: ~~BUTYL~~ INACTIVE FOR DESIGN
CHLOROPRENE
ETHYLENE PROPYLENE
FLUOROCARBON

FINISH:

NONE

CODE:

THE PART NUMBER SHALL CONSIST OF THE BASIC PART NUMBER, FOLLOWED BY A SEAL MATERIAL
CODE LETTER, FOLLOWED BY A DASH NUMBER FROM TABLE I THAT INDICATES SIZE.
"–" (A DASH) AFTER THE BASIC NUMBER INDICATES NO SEAL.
~~"B" SEAL MATERIAL CODE AFTER THE BASIC NUMBER INDICATES A BUTYL SEAL.~~
"N" SEAL MATERIAL CODE AFTER THE BASIC NUMBER INDICATES A CHLOROPRENE SEAL
"E" SEAL MATERIAL CODE AFTER THE BASIC NUMBER INDICATES AN ETHYLENE PROPYLENE SEAL
"H" SEAL MATERIAL CODE AFTER THE BASIC NUMBER INDICATES A FLUOROCARBON SEAL.

EXAMPLE OF PART NUMBER:

NAS817-12 = ALUMINUM CAP FOR .750 INCH MALE FLARED TUBE FITTING WITHOUT A SEAL.
~~NAS817B12 = ALUMINUM CAP FOR .750 INCH MALE FLARED TUBE FITTING WITH A BUTYL SEAL. INACTIVE FOR
DESIGN.~~
NAS817N12 = ALUMINUM CAP FOR .750 INCH MALE FLARED TUBE FITTING WITH A CHLOROPRENE SEAL.
NAS817E12 = ALUMINUM CAP FOR .750 INCH MALE FLARED TUBE FITTING WITH AN EPR SEAL.
NAS817H12 = ALUMINUM CAP FOR .750 INCH MALE FLARED TUBE FITTING WITH A FLUOROCARBON SEAL.

NOTES:

- /1/ THIS SIZE INACTIVE FOR DESIGN AFTER 1/15/61, NO SUPERSEDING STANDARD.
- /2/ KNURLING OF THESE SIZES IS NOT REQUIRED.
- (3) IDENTIFICATION MARKING ON PART IS NOT REQUIRED.
- (4) INTENDED USE: CAP FOR FLARED FITTINGS WITH ENDS PER MS33656, AS4395, MS33657 OR AS4396.
- (5) 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 CAPABLE OF WITHSTANDING REPEATED REMOVAL AND REPLACEMENT.
 - c) THE MATERIAL SHALL NOT GALL OR PRODUCE SHAVINGS 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) CLOSURES SHALL BE FREE FROM WARPAGE, CRACKS AND BURRS.

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REVISION

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④ COMPLETELY REVISED



Documents
SHEET 2

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