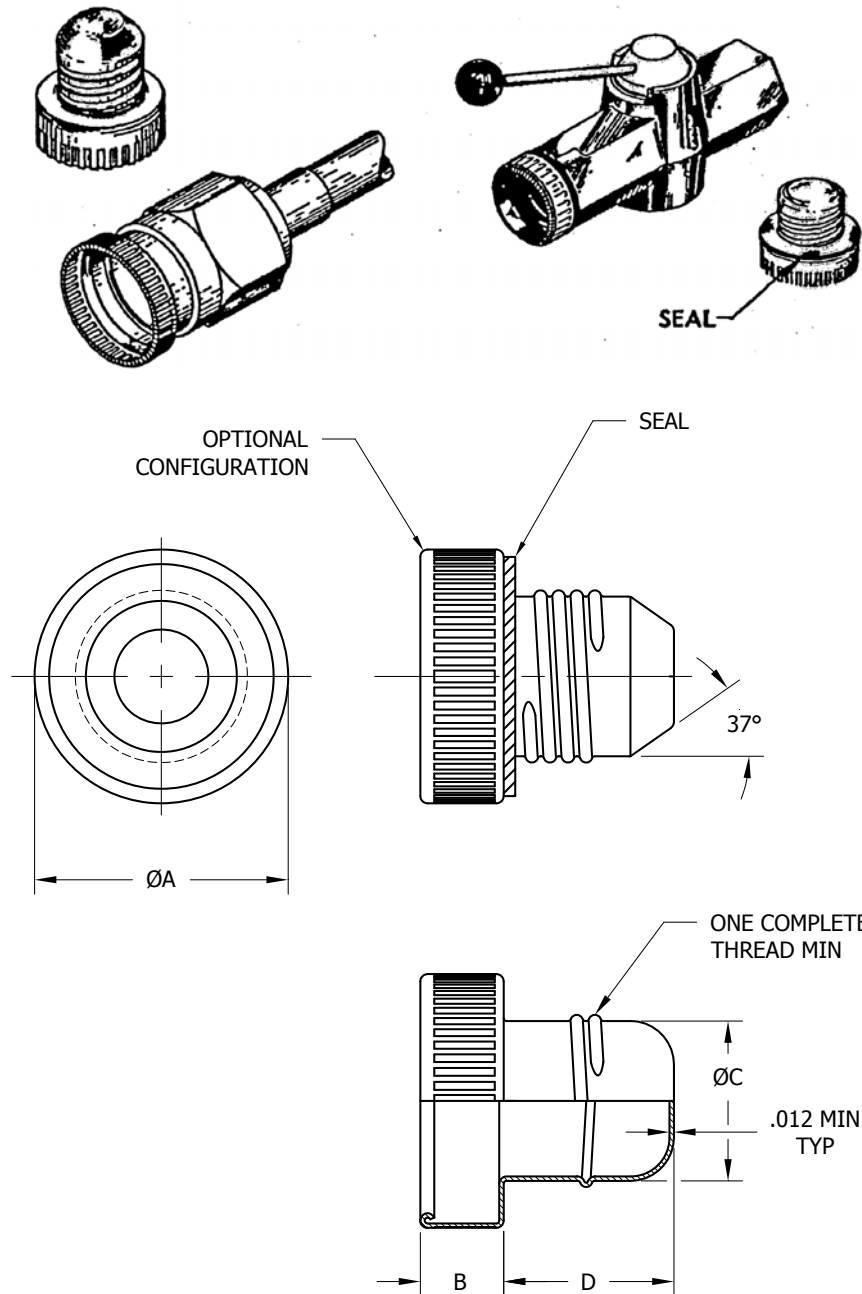


FED. SUPPLY CLASS

5340

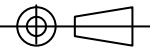
AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.



**INACTIVE FOR DESIGN AFTER 11 FEBRUARY 2004. SEE NAS836.
FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.**

⑤ COMPLETELY REVISED

THIRD ANGLE PROJECTION 	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 5
PROCUREMENT SPECIFICATION NONE	TITLE PLUG, PROTECTIVE, FLARED TUBE, HOSE ASSEMBLY OR AS5202 BOSS ⑤	CLASSIFICATION PART STANDARD NAS818 SHEET 1 OF 3



Documents
SHEET 1 OF 3

TABLE I – DIMENSIONS

DASH NO.	(TUBING SIZE O.D.)	THREAD	ØA		B MIN	ØC		D	
			MIN	MAX			TOL	MIN	MAX
2	.125	.3125-24	.41	.52	.21	.250	±.005	.360	.450
3	.188	.3750-24	.47	.60	.19	.323	±.005	.320	.510
4	.250	.4375-20	.58	.69	.22	.374	±.006	.430	.510
5	.312	.5000-20	.67	.73	.23	.437	±.005	.470	.560
6	.375	.5625-18	.73	.83	.26	.494	±.005	.480	.570
/2/ 7	~~.438~~	~~.6250-18~~	~~.92~~		~~.78~~	~~.553~~	~~±.010~~	~~.500~~	~~.520~~
8	.500	.7500-16	.91	1.03	.29	.669	±.007	.580	.690
10	.625	.8750-14	1.08	1.16	.25	.778	±.013	.670	.876
12	.750	1.0625-12	1.25	1.41	.22	.942	±.012	.620	.890
16	1.000	1.3125-12	1.50	1.56	.27	1.209	±.005	.680	.890
20	1.250	1.6250-12	1.90	2.03	.38	1.521	±.010	.680	.990
24	1.500	1.8750-12	2.20	2.53	.37	1.766	±.010	.850	1.020
32	2.000	2.5000-12	2.81	2.87	.40	2.385	±.015	1.010	1.500

MATERIAL:

PLUG: 3003-O (UNS A93003) PER ~~AMS QQ-A-250/2~~ OR ASTM B209

SEALS: BUTYL (CODE LETTER "B") INACTIVE FOR NEW DESIGN
CHLOROPRENE (CODE LETTER "N")
ETHYLENE PROPYLENE (CODE LETTER "E")
FLUOROCARBON (CODE LETTER "H")

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. INACTIVE FOR DESIGN.

"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:

NAS818-12 = ALUMINUM PLUG FOR .750 INCH FLARED TUBE ASSEMBLY WITHOUT A SEAL.

~~NAS818B12 = ALUMINUM PLUG FOR .750 INCH FLARED TUBE ASSEMBLY WITH A BUTYL SEAL. INACTIVE FOR DESIGN.~~

NAS818N12 = ALUMINUM PLUG FOR .750 INCH FLARED TUBE ASSEMBLY WITH A CHLOROPRENE SEAL.

NAS818E12 = ALUMINUM PLUG FOR .750 INCH FLARED TUBE ASSEMBLY WITH AN EPR SEAL.

NAS818H12 = ALUMINUM PLUG FOR .750 INCH FLARED TUBE ASSEMBLY WITH A FLUOROCARBON SEAL.

**INACTIVE FOR DESIGN AFTER 11 FEBRUARY 2004. SEE NAS836.
FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.**

REVISION

5

⑤ COMPLETELY REVISED



NAS818

SHEET 2

Document Sharing Hub