

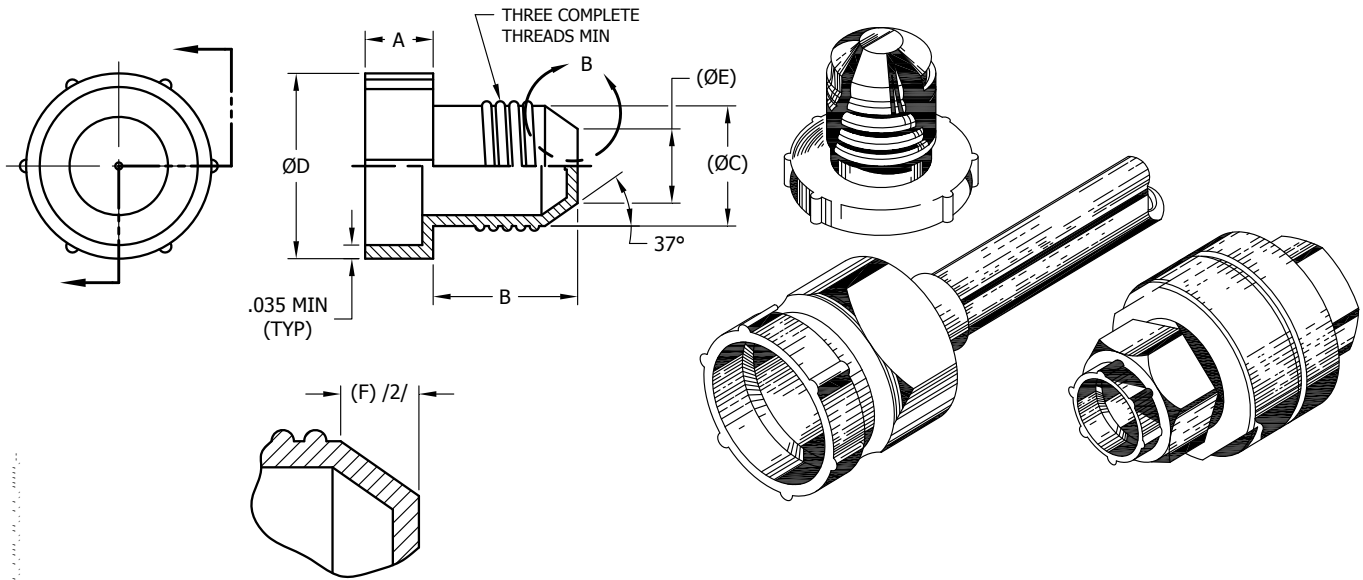


TABLE I – DIMENSIONS

NEW DASH NO. /1/	ØD DASH NO. /1/	TUBE SIZE (REF)	A MIN	B ±.015 MAX	(ØC)	ØD MIN	(ØE)	(F) /2/	THREAD (REF)
2A	20	.125	.160	.465	.270	.475	.076	--	.3125-24
3A	30	.188	.160	.500	.322	.535	.139	--	.3750-24
4A	40	.250	.160	.565	.387	.600	.186	--	.4375-20
5A	50	.312	.220	.565	.449	.660	.248	--	.5000-20
6A	60	.375	.220	.575	.506	.780	.311	--	.5625-18
	65		.25	.59	.569	.81	--	.18	.6250-18
8A	80	.500	.220	.715	.686	.920	.419	--	.7500-16
10A	100	.625	.220	.775	.802	1.040	.532	--	.8750-14
12A	120	.750	.220	.900	.977	1.371	.657	--	1.0625-12
	121		.25	1.12	.978	1.31	--	.25	1.0625-14
16A	60	1.000	.220	.930	1.227	1.609	.906	--	1.3125-12
	180		.25	.93	1.404	1.75	--	.25	1.5000-12
20A	200	1.250	.220	.975	1.540	1.859	1.140	--	1.6250-12
	220		.25	.97	1.665	2.06	--	.25	1.7500-12
24A	240	1.500	.290	1.120	1.790	2.105	1.374	--	1.8750-12
28A	280	1.750	.290	1.235	2.155	2.480	1.639	--	2.2500-12
32A	320	2.000	.290	1.350	2.415	2.730	1.873	--	2.5000-12

**INACTIVE FOR DESIGN AFTER 30 NOVEMBER 2012. SEE NAS833.
FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.**

④ COMPLETELY REVISED

FORM 09-01

THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 4
PROCUREMENT SPECIFICATION NONE	TITLE PLUG, PROTECTIVE, FLARED HOSE OR TUBE ASSEMBLY	CLASSIFICATION PART STANDARD
		NAS815 SHEET 1 OF 3

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.

CODE:

PART NUMBER CONSISTS OF THE BASIC NUMBER PLUS A DASH NUMBER FROM TABLE I.
NO SUFFIX ON DASH NUMBER INDICATES OBSOLETE DASH NUMBER.
SUFFIX "A" ON DASH NUMBER INDICATES NEW DASH NUMBER.

EXAMPLE OF PART NUMBER:

NAS815-8A

BASIC NUMBER _____ DASH NUMBER FROM TABLE I

NAS815-8A = PLUG FOR .500 INCH FLARED TUBE OR HOSE ASSEMBLY.

NOTES:

- /1/ DASH NUMBERS 20 THROUGH 320 ARE SUPERSEDED BY 2A THROUGH 32A EXCEPT FOR 65, 121, 180 AND 220 FOR WHICH THERE IS NO EQUIVALENT. THESE SIZES ARE INACTIVE FOR DESIGN AFTER 15 JAN 61. NO SUPERSEDING STANDARD.
- /2/ DETAIL B APPLIES TO THE "F" DIMENSION OF -65, -121, -180 AND -220 ONLY.
- (3) IDENTIFICATION: PERMANENTLY MARK MANUFACTURER'S NAME OR TRADEMARK ON ALL SIZES, LOCATION OPTIONAL.
- (4) TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm .010$, ANGLES ± 2 DEG.
- (5) INTENDED USE: PLUG FOR FLARED TUBE OR HOSE ASSEMBLIES AND MS33649, AS5202, OR AND10050 BOSSES. USED IN CONJUNCTION WITH PACKAGING SPECIFICATIONS NAS3408, NAS3424, NAS3429, NAS3430, NAS3431, NAS3440 AND NAS3443.
- (6) GENERAL REQUIREMENTS FOR CLOSURES DESCRIBED HEREON:
 - a) THE PLUG 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 PLUG 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 PLUG 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, CHIPPED EDGES, BLISTERS, BURNS AND FLASH.

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FOR DESCRIPTION OF STATUS NOTES, SEE NAS380.**

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REVISION

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NAS815
SHEET 2



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