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REV.
D

AS623™

FEDERAL SUPPLY CLASS
4720

RATIONALE

ADD CONFIGURATION FOR A NEW "N" CODE THIN WALL INTEGRAL FIRESLEEVE (15 MINUTE); TABLE 2 DIMENSIONS CHANGED TO ALIGN WITH AS604 AND AS627-632 STANDARDS; NOTE 2 CHANGED TO CURRENT PRI STANDARD.

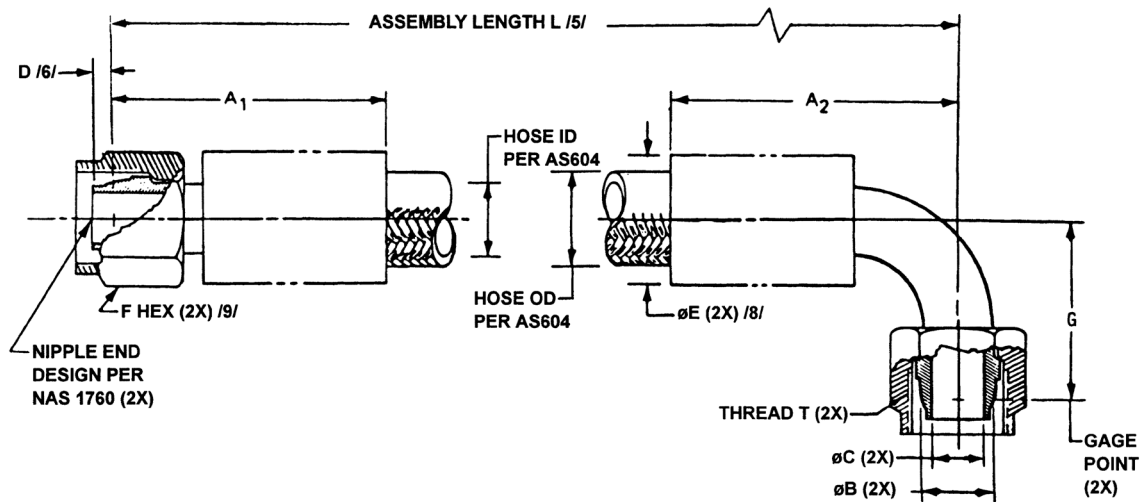


FIGURE 1 - HOSE AND FITTING DIMENSIONS

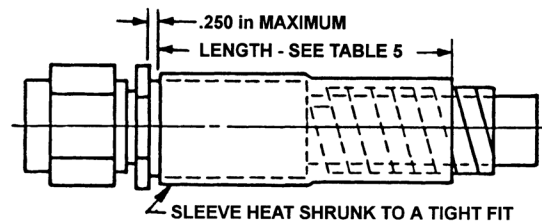
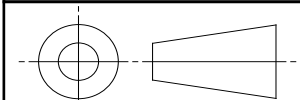


FIGURE 2 - TUBULAR/COIL ABRASION END /10/ /11/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS623D/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS604 /2/



AEROSPACE STANDARD

HOSE ASSEMBLY, 3000 PSI, PTFE, FLARELESS,
STRAIGHT TO 90°, HEAVYWEIGHT

AS623™
SHEET 1 OF 6

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TABLE 1 - ASSEMBLY DIMENSIONS

HOSE ASSEMBLY AS623 SIZE CODE	HOSE ASSEMBLY SIZE (REF)	THREAD T PER AS8879 (REF)	A ₁ MAX	A ₂ MAX	B GAGE BASIC	C /7/ MIN	D (REF)	E MAX WITHOUT SLEEVEING	F HEX (REF)
04	.250	.4375-20 UNJF-3B	1.56	1.58	.2930	.135	.16	.88	.56
06	.375	.5625-18 UNJF-3B	1.80	1.80	.4120	.240	.16	1.00	.69
08	.500	.7500-16 UNJF-3B	2.06	2.40	.5600	.340	.19	1.20	.88
10	.625	.8750-14 UNJF-3B	2.44	3.04	.6730	.410	.20	1.41	1.00
12	.750	1.0625-12 UNJ-3B	2.56	3.35	.8100	.510	.23	1.69	1.25
16	1.00	1.3125-12 UNJ-3B	3.00	4.26	1.0620	.760	.30	2.00	1.50
20	1.25	1.6250-12 UNJ-3B	3.00	4.72	1.3160	.925	.30	2.13	2.00

TABLE 1 - ASSEMBLY DIMENSIONS (CONTINUED)

HOSE ASSEMBLY AS623 SIZE CODE	HOSE ASSEMBLY SIZE (REF)	G MIN	G MAX	INSPECTION BALL SIZE /7/ STRAIGHT END FITTING DIA IN	INSPECTION BALL SIZE /7/ ELBOW END FITTING DIA IN
04	.250	.69	.88	.122	.115
06	.375	.88	1.09	.216	.204
08	.500	1.00	1.31	.306	.289
10	.625	1.19	1.50	.369	.349
12	.750	1.38	1.75	.459	.434
16	1.00	1.69	2.06	.684	.646
20	1.25	2.51	2.57	.833	.786



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HOSE ASSEMBLY, 3000 PSI, PTFE, FLARELESS,
STRAIGHT TO 90°, HEAVYWEIGHT

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