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AS625™

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.

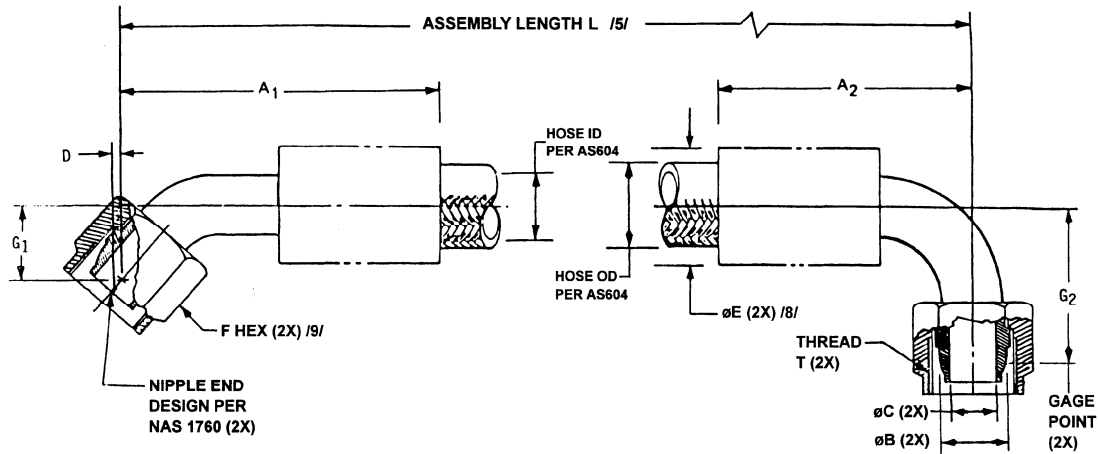


FIGURE 1 - HOSE AND FITTING DIMENSIONS

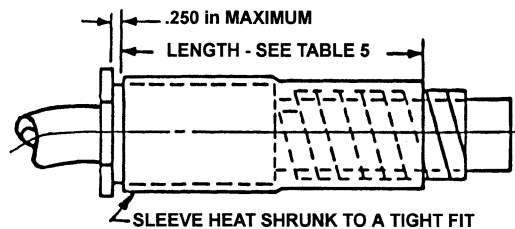


FIGURE 2 - TUBULAR/COIL ABRASION END /10/ /11/

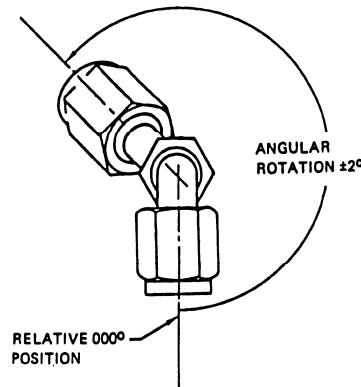
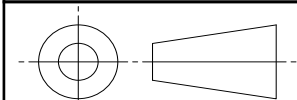


FIGURE 3 - FITTING ANGULAR ORIENTATION /19/

For more information on this standard, visit
<https://www.sae.org/standards/content/AS625D/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS604 /2/



AEROSPACE STANDARD

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

AS625™
SHEET 1 OF 6

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TABLE 1 - ASSEMBLY DIMENSIONS

HOSE ASSEMBLY AS625 SIZE CODE	HOSE ASSEMBLY SIZE (REF)	THREAD T PER AS8879 (REF)	A ₁ MAX	A ₂ MAX	B GAGE BASIC	C //I/ MIN	D (REF)	E MAX WITHOUT SLEEVING	F HEX (REF)
E	.250	.4375-20 UNJF-3B	2.17	1.58	.2930	.135	.11	.88	.56
G	.375	.5625-18 UNJF-3B	2.68	1.80	.4120	.240	.12	1.00	.69
H	.500	.7500-16 UNJF-3B	3.11	2.40	.5600	.340	.13	1.20	.88
J	.625	.8750-14 UNJF-3B	3.59	3.04	.6730	.410	.14	1.41	1.00
K	.750	1.0625-12 UNJ-3B	3.67	3.35	.8100	.510	.16	1.69	1.25
M	1.00	1.3125-12 UNJ-3B	4.44	4.26	1.0620	.760	.21	2.00	1.50
N	1.25	1.6250-12 UNJ-3B	4.65	4.72	1.3160	.925	.21	2.13	2.00

TABLE 1 - ASSEMBLY DIMENSIONS (CONTINUED)

HOSE ASSEMBLY AS625 SIZE CODE	HOSE ASSEMBLY SIZE (REF)	G ₁ MIN	G ₁ MAX	G ₂ MIN	G ₂ MAX	INSPECTION BALL SIZE //I/ DIA IN
E	.250	.31	.50	.69	.88	.115
G	.375	.44	.62	.88	1.09	.204
H	.500	.50	.75	1.00	1.31	.289
J	.625	.56	.81	1.19	1.50	.349
K	.750	.62	.88	1.38	1.75	.434
M	1.00	.81	1.09	1.69	2.06	.646
N	1.25	1.24	1.31	2.51	2.57	.786



AEROSPACE STANDARD

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

AS625™
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