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REV.
D

AS631™

FEDERAL SUPPLY CLASS
4720

RATIONALE

ADD "N" CODE THIN WALL INTEGRAL FIRESLEEVE (15 MINUTE).

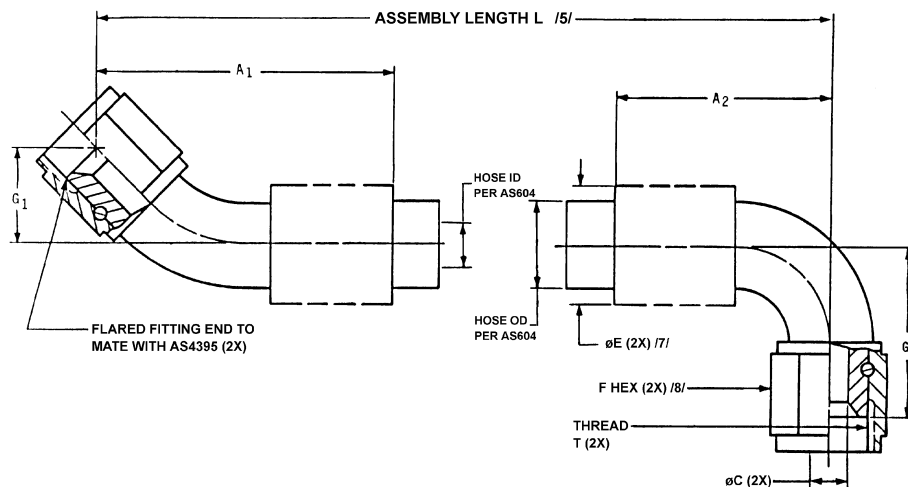


FIGURE 1 - HOSE AND FITTING DIMENSIONS

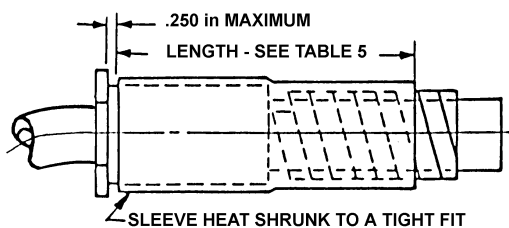


FIGURE 2 - TUBULAR/COIL ABRASION END /9/ /10/

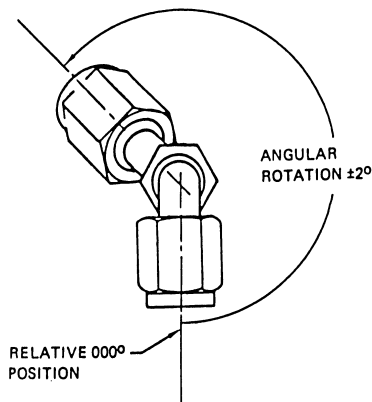
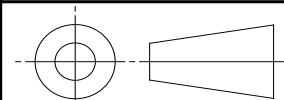


FIGURE 3 - FITTING ANGULAR ORIENTATION /18/

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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3D

PROCUREMENT SPECIFICATION: AS604 /2/



AEROSPACE STANDARD

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

AS631™
SHEET 1 OF 6

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TABLE 1 - ASSEMBLY DIMENSIONS

HOSE ASSEMBLY AS630 SIZE CODE	HOSE ASSEMBLY SIZE (REF)	THREAD T PER AS8879 (REF)	A ₁ MAX	A ₂ MAX	C /6/ MIN	E MAX WITHOUT SLEEVING	F HEX (REF)
E	.250	.4375-20 UNJF-3B	1.90	1.58	.135	.88	.56
G	.375	.5625-18 UNJF-3B	2.25	1.80	.240	1.00	.69
H	.500	.7500-16 UNJF-3B	2.65	2.40	.340	1.20	.88
J	.625	.8750-14 UNJF-3B	3.19	3.04	.410	1.41	1.00
K	.750	1.0625-12 UNJ-3B	3.56	3.35	.510	1.69	1.25
M	1.000	1.3125-12 UNJ-3B	4.35	4.26	.760	2.00	1.50
N	1.250	1.6250-12 UNJ-3B	4.50	4.50	.925	2.13	2.00

TABLE 1 (CONTINUED)

HOSE ASSEMBLY AS631 SIZE CODE	HOSE ASSEMBLY SIZE (REF)	G ₁ MIN	G ₁ MAX	G ₂ MIN	G ₂ MAX	INSPECTION BALL SIZE DIA IN
E	.250	.280	.450	.615	.740	.115
G	.375	.370	.565	.830	.920	.204
H	.500	.430	.645	.910	1.140	.289
J	.625	.510	.675	1.110	1.310	.349
K	.750	.590	.720	1.340	1.500	.434
M	1.000	.760	.820	1.805	1.865	.646
N	1.250	1.120	1.180	2.34	2.400	.786



AEROSPACE STANDARD

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

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