

AS4473

FEDERAL SUPPLY CLASS
4720

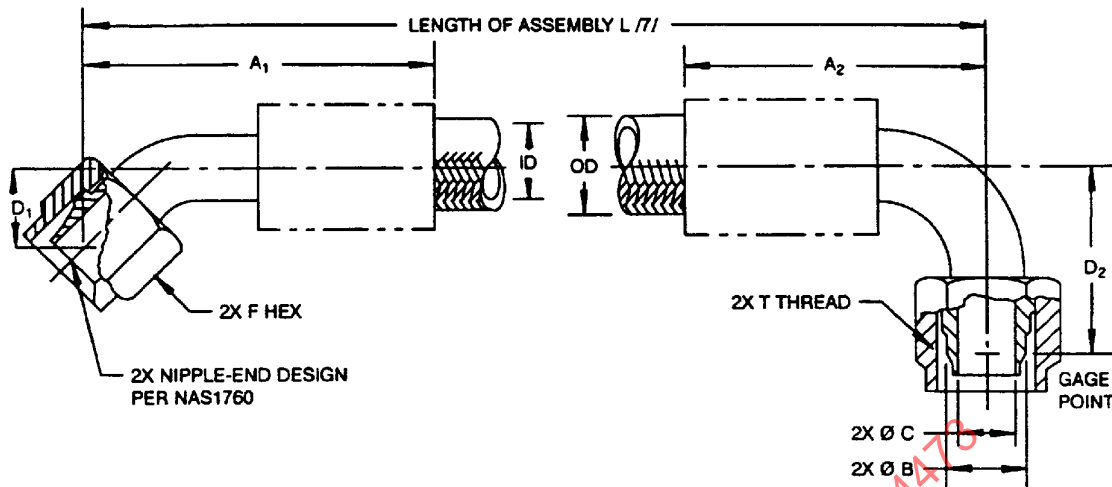


FIGURE 1 - HOSE ASSEMBLY

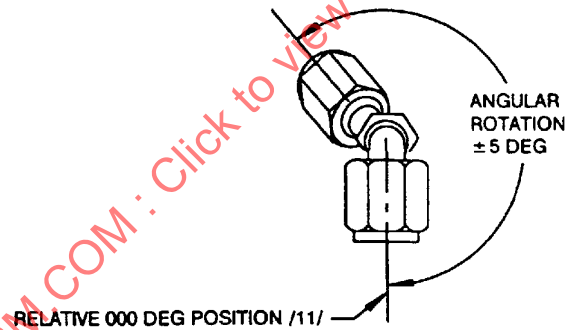
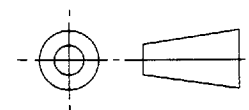


FIGURE 2 - CLOCKING ANGLE

THIRD ANGLE PROJECTION



CUSTODIAN: SAEG-3/G-3D

PROCUREMENT SPECIFICATION: /6/ AS4468

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL

400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

HOSE ASSEMBLY, SILICONE LINED
125 psi, FLARELESS, POTABLE WATER,
45° TO 90°

AS4473

SHEET 1 OF 3

REVISED

ISSUED 1992-05-08

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TABLE 1 - HOSE ASSEMBLY DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	F HEX ACROSS FLATS (REF)	ID MIN	OD MIN	OD MAX
AS4473E	.250	.4375-20UNJF-3B	.56	.230	.37	.48
AS4473G	.375	.5625-18UNJF-3B	.69	.355	.53	.59
AS4473H	.500	.7500-16UNJF-3B	.88	.475	.65	.73
AS4473J	.625	.8750-14UNJF-3B	1.00	.600	.81	.85
AS4473K	.750	1.0625-12UNJ-3B	1.25	.725	.94	.98
AS4473M	1.000	1.3125-12UNJ-3B	1.50	.975	1.19	1.23

TABLE 2 - END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE ASSY SIZE (REF)	A ₁ MAX	A ₂ MAX	B GAGE	C MIN	D ₁ MIN	D ₁ MAX	D ₂ MIN	D ₂ MAX
AS4473E	.250	1.44	1.24	.2930	.174	.35	.44	.66	.81
AS4473G	.375	1.56	1.32	.4120	.297	.43	.57	.75	.85
AS4473H	.500	1.64	1.44	.5600	.419	.50	.61	.99	1.11
AS4473J	.625	1.83	1.58	.6730	.544	.59	.71	1.22	1.33
AS4473K	.750	2.05	1.89	.8100	.654	.62	.77	1.38	1.57
AS4473M	1.000	2.42	2.17	1.0620	.909	.74	.83	1.62	1.73

TABLE 3 - LENGTH TOLERANCE

HOSE ASSEMBLY LENGTH AVAILABLE INCREMENTS	TOLERANCE
UNDER 18	(NOT LESS THAN) .125 +.125/-.125
18 TO 36	(NOT LESS THAN) .250 +.250/-.250
36 TO 100	(NOT LESS THAN) .500 +.375/-.375
100 TO 500	(NOT LESS THAN) 1.000 +.5%/-.500
OVER 500	(NOT LESS THAN) 1.000 +1%/-.500