

AS4474

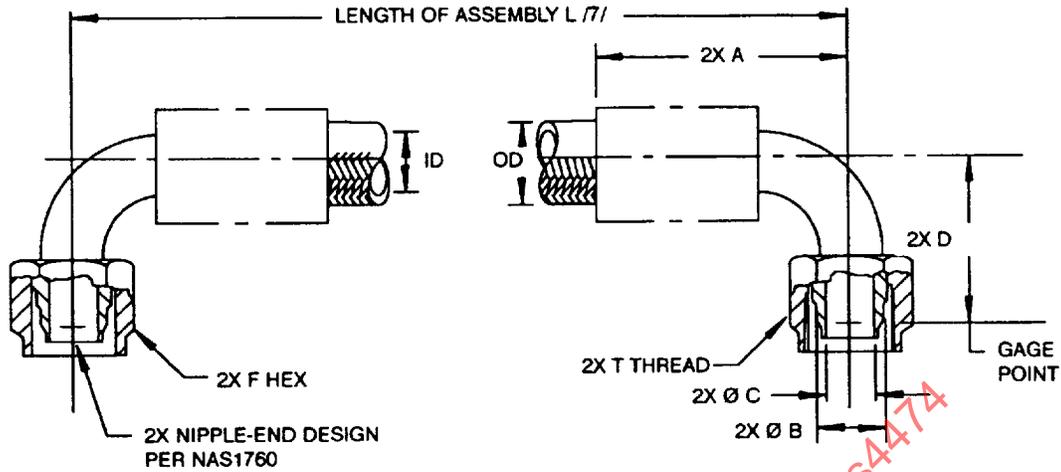


FIGURE 1 - HOSE ASSEMBLY

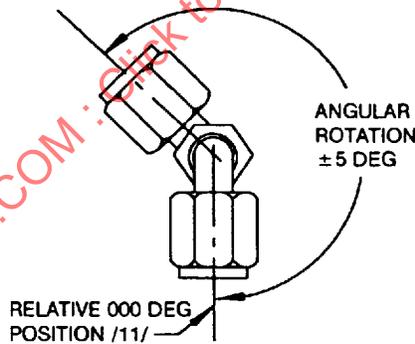
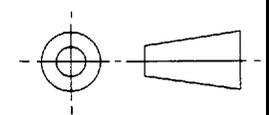


FIGURE 2 - CLOCKING ANGLE

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THIRD ANGLE PROJECTION



ISSUED 1992-05-08 REVISED

CUSTODIAN: SAE G-3/G-3D

PROCUREMENT SPECIFICATION: /6/ AS4468

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

AEROSPACE STANDARD

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

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SHEET 1 OF 3

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TABLE 1 - BASIC HOSE AND END FITTING DIMENSIONS

BASIC NO. AND SIZE CODE	HOSE SIZE (REF)	THREAD T PER MIL-S-8879 (REF)	C MIN		D MIN	D MAX	F HEX (REF)	ID MIN	OD MIN	OD MAX	
			A MAX	B GAGE							
AS4474E	.250	.4375-20UNJF-3B	1.24	.2930	.174	.66	.81	.56	.230	.37	.48
AS4474G	.375	.5625-18UNJF-3B	1.32	.4120	.297	.75	.85	.69	.355	.53	.59
AS4474H	.500	.7500-16UNJF-3B	1.44	.5600	.419	.99	1.11	.88	.475	.65	.73
AS4474J	.625	.8750-14UNJF-3B	1.58	.6730	.544	1.22	1.33	1.00	.600	.81	.85
AS4474K	.750	1.0625-12UNJ-3B	1.89	.8100	.654	1.38	1.57	1.25	.725	.94	.98
AS4474M	1.000	1.3125-12UNJ-3B	2.17	1.0620	.909	1.62	1.73	1.50	.975	1.19	1.23

TABLE 2 - 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

TABLE 3 - HOSE ASSEMBLY WEIGHT INFORMATION

HOSE SIZE CODE	HOSE LB/IN MAX	END FITTING LB/EA, MAX	HOSE LENGTH CORRECTION FACTOR, INCH /8/
04	.006	.051	.59
06	.008	.081	.62
08	.008	.125	.75
10	.012	.187	.93
12	.014	.295	1.24
16	.019	.444	1.36

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