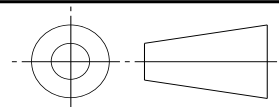


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REV. A	FEDERAL SUPPLY CLASS 4720	
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CUSTODIAN: G-3/G-3D		PROCUREMENT SPECIFICATION: AS1946 /19/
	AEROSPACE STANDARD HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, PTFE, METAL BRAID, MEDIUM PRESSURE, BEAM SEAL, 45° TO 45°	AS4009™ REV. A

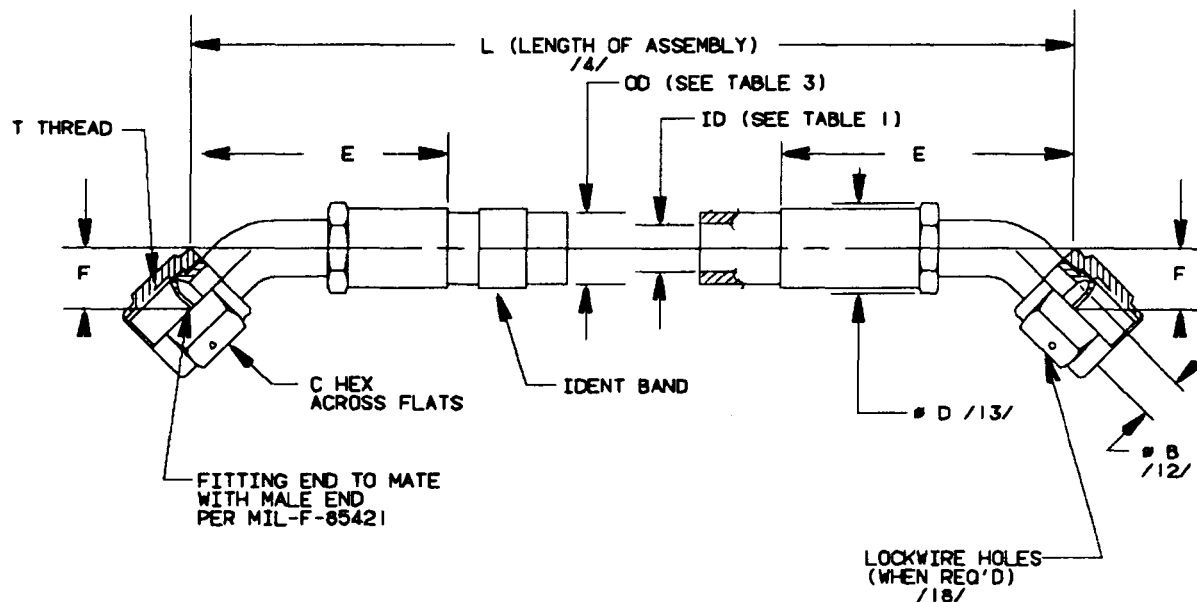


FIGURE 1 - HOSE ASSEMBLY

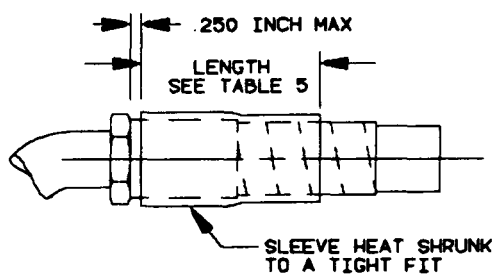


FIGURE 2 - HEAT SHRINKABLE SLEEVES REQUIRED
FOR COIL AND TUBULAR ABRASION SLEEVES
/6/ AND /7/

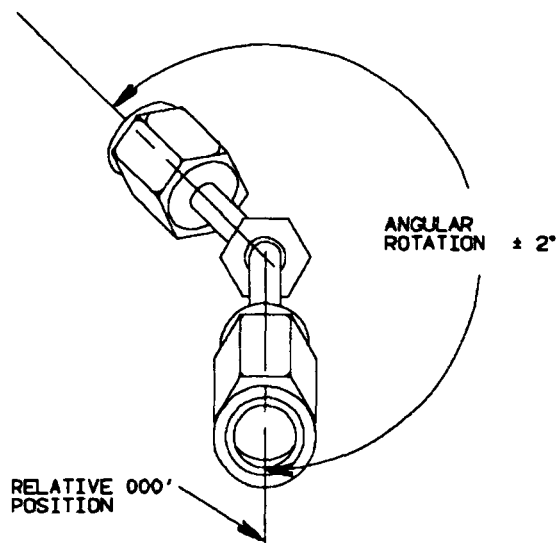


FIGURE 3 - HOSE ASSEMBLY
END VIEW

	AEROSPACE STANDARD	AS4009™ SHEET 1 OF 6	REV. A
	HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, PTFE, METAL BRAID, MEDIUM PRESSURE, BEAM SEAL, 45° TO 45°		



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AEROSPACE STANDARD

HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE,
PTFE, METAL BRAID, MEDIUM PRESSURE,
BEAM SEAL, 45° TO 45°

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SHEET 2 OF 6

REV.

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TABLE 1 - BASIC HOSE DIMENSIONS

HOSE ASSEMBLY SIZE CODE	HOSE SIZE REF	THREAD T PER MIL-S-8879	ID MIN	B		C		D		E	F		BALL SIZE MIN THRU DIA /12/
				MIN	/12/	HEX REF	MAX	MAX	/13/		MIN	MAX	
AS4009E	.250	.4375-24UNJS-3B	.173	.132	.56	.56	.55	1.85	.55	.414	.545	.545	.119
AS4009G	.375	.5625-20UNJS-3B	.298	.256	.69	.69	.63	2.15	.63	.450	.582	.582	.230
AS4009H	.500	.7188-20UNJS-3B	.391	.340	.88	.88	.83	2.25	.83	.615	.675	.675	.313
AS4009J	.625	.8438-18UNJS-3B	.485	.430	1.00	1.00	.97	2.66	.97	.555	.766	.766	.391
AS4009K	.750	1.0000-16UNJ-3B	.615	.548	1.12	1.12	1.17	3.09	1.17	.619	.869	.869	.515
AS4009M	1.000	1.2500-14UNJS-3B	.851	.778	1.38	1.38	1.38	3.60	1.38	.654	.947	.947	.750
AS4009N	1.250	1.5781-14UNJS-3B	1.101	1.000	1.63	1.63	1.68	3.78	1.68	1.114	1.174	1.174	.969
AS4009P	1.500	1.8438-14UNJS-3B	1.344	1.250	2.00	2.00	2.08	3.96	2.08	1.259	1.319	1.319	1.188

TABLE 2 - LENGTH TOLERANCE

TABLE 2 - LENGTH TOLERANCE			
HOSE ASSEMBLY LENGTHS	AVAILABLE INCREMENTS		TOLERANCE
UNDER 18 in	(NOT LESS THAN)	.125 in	(PLUS OR MINUS) .125
18 TO 36 in	(NOT LESS THAN)	.250 in	(PLUS OR MINUS) .250
36 TO 50 in	(NOT LESS THAN)	.500 in	(PLUS OR MINUS) .500
OVER 50 in	(NOT LESS THAN)	1.00 in	(PLUS OR MINUS) 1%