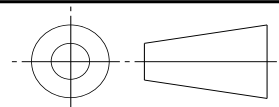


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REV. A	FEDERAL SUPPLY CLASS 4720	
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CUSTODIAN: G-3/G-3D		PROCUREMENT SPECIFICATION: AS1946 /19/
	AEROSPACE STANDARD HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, PTFE, METAL BRAID, MEDIUM PRESSURE, BEAM SEAL, 90° TO 90°	AS4011™ REV. A

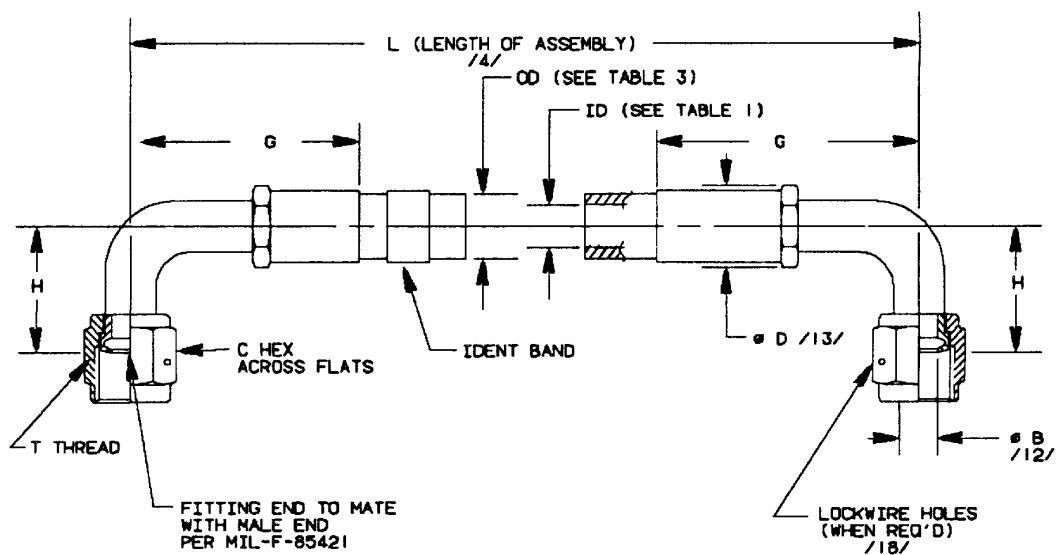


FIGURE 1 - HOSE ASSEMBLY

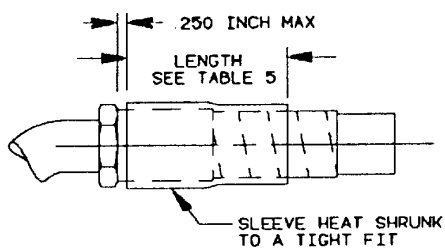


FIGURE 2 - HEAT SHRINKABLE SLEEVES REQUIRED FOR COIL AND TUBULAR ABRASION SLEEVES /6/ AND /7/

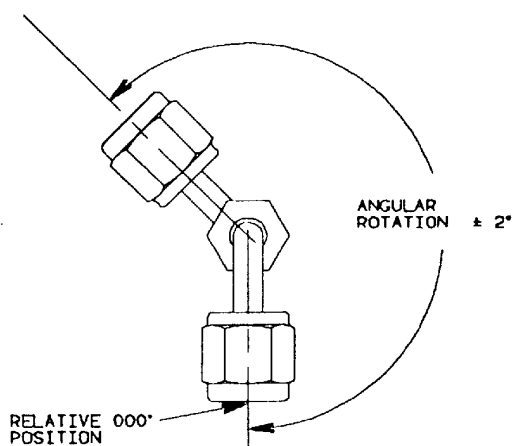


FIGURE 3 - HOSE ASSEMBLY END VIEW

	AEROSPACE STANDARD HOSE ASSEMBLY, POLYTETRAFLUOROETHYLENE, PTFE, METAL BRAID, MEDIUM PRESSURE, BEAM SEAL, 90° TO 90°	AS4011™ SHEET 1 OF 6	REV. A
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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 MIN /12/	C HEX REF	D MAX /13/	G MAX	H MIN	H MAX	BALL SIZE MIN THRU DIA /12/
AS4011E	.250	.4375-24UNJS-3B	.173	.132	.56	.46	1.55	.820	.980	.119
AS4011G	.375	.5625-20UNJS-3B	.298	.256	.69	.62	1.80	.945	1.37	.230
AS4011H	.500	.7188-20UNJS-3B	.391	.340	.88	.83	1.99	.945	1.37	.313
AS4011J	.625	.8438-18UNJS-3B	.485	.430	1.00	.97	2.37	1.16	1.59	.391
AS4011K	.750	1.0000-16UNJ -3B	.615	.548	1.12	1.17	2.98	1.38	1.92	.515
AS4011M	1.000	1.2500-14UNJS-3B	.851	.778	1.38	1.38	3.23	1.51	2.65	.750
AS4011N	1.250	1.5781-14UNJS-3B	1.101	1.000	1.63	1.68	3.36	2.33	2.39	.969
AS4011P	1.500	1.8438-14UNJS-3B	1.344	1.250	2.00	2.08	3.54	2.686	2.746	1.188

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%