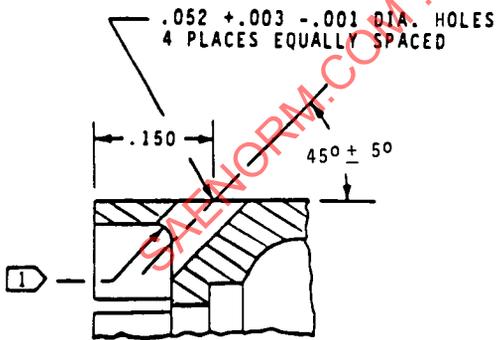
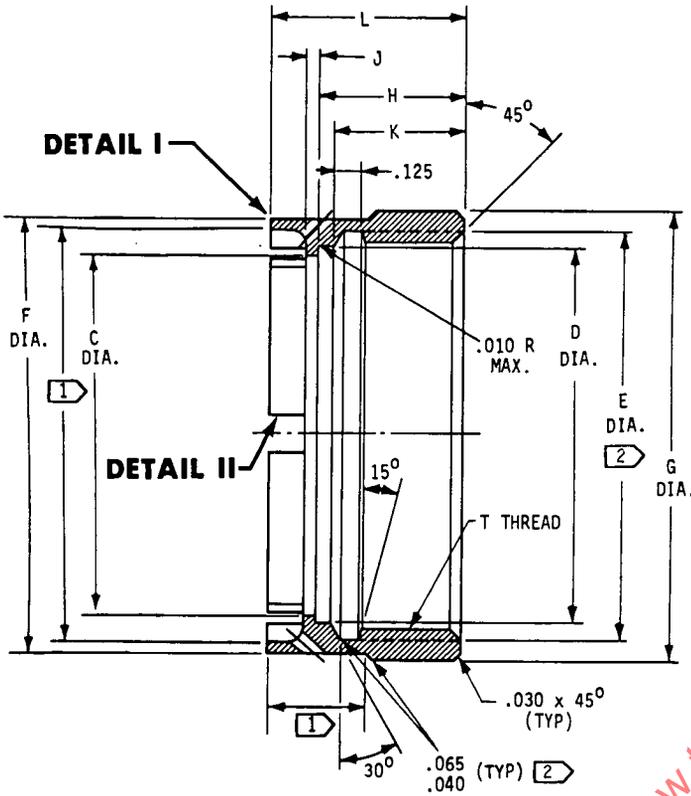
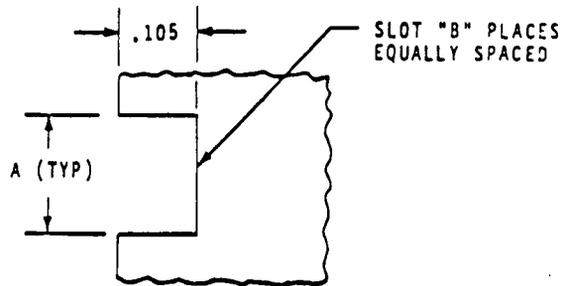


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DETAIL I



DETAIL II

DIMENSIONS IN INCHES  
TOLERANCE: .XXX ± .010, ANGLES ± 2 DEGREES UNLESS SPECIFIED

PROCUREMENT SPECIFICATION

1	---	2	---	3	---
LIST OF ACTIVE SHEETS					

PREPARED BY SAE SUBCOMMITTEE G-3A, COUPLINGS OF SAE COMMITTEE G-3, AEROSPACE FITTINGS, HOSE AND TUBING ASSEMBLIES

**SAE** The Engineering Resource For Advancing Mobility

**AEROSPACE STANDARD**

NUT, COUPLING, RIGID, FIXED CAVITY, THREADED, FERRULE TYPE TUBE ENDS, TYPE II

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TABLE I  
NUT DIMENSIONS

AS1735 DASH NUMBER	TUBE SIZE (REF)	THREAD T PER MIL-S-7742	A	B PLCS.	C +.005 -.000	D	
						DIA	TOL
04	1/4	11/16-12 UN-2B	.187	4	.529	.583	+.002
05	5/16	3/4-12 UN-2B	.187	4	.580	.644	-.000
06	3/8	13/16-12 UN-2B	.187	4	.635	.689	
08	1/2	15/16-12 UN-2B	.187	8	.762	.815	
10	5/8	1-1/16-12 UN-2B	.187	8	.900	.960	
12	3/4	1-1/4-12 UNF-2B	.187	8	1.033	1.128	
14	7/8	1-3/8-12 UNF-2B	.187	8	1.167	1.263	
16	1	1-1/2-12 UNF-2B	.187	8	1.284	1.386	+.003
20	1-1/4	1-3/4-12 UN-2B	.187	8	1.534	1.628	-.000
24	1-1/2	2 -12 UN-2B	.250	8	1.783	1.878	
28	1-3/4	2-1/4-12 UN-2B	.250	8	2.045	2.138	
32	2	2-1/2-12 UN-2B	.250	8	2.292	2.382	
36	2-1/4	2-3/4-12 UN-2B	.250	8	2.549	2.638	
40	2-1/2	3 -12 UN-2B	.250	8	2.800	2.888	
48	3	3-5/8-12 UN-2B	.250	8	3.395	3.513	
56	3-1/2	4-1/8-12 UN-2B	.250	8	3.895	4.013	+.004
64	4	4-5/8-12 UN-2B	.250	8	4.395	4.513	-.000
72	4-1/2	5-1/8-12 UN-2B	.250	8	4.895	5.015	+.005
80	5	5-5/8-12 UN-2B	.250	8	5.378	5.500	-.000

TABLE II  
NUT DIMENSIONS AND WEIGHTS

AS1735 DASH NUMBER	E	F	G MAX.	H +.010 -.000	J +/- .015	K	L MAX.	WEIGHT MAX. LBS.
04	.691	.787	.829					.009
05	.753	.850	.892	.338	.065	.300	.553	.010
06	.816	.912	.954					.011
08	.941	1.037	1.079					.013
10	1.066	1.172	1.214					.015
12	1.253	1.360	1.402	.354		.315	.569	.017
14	1.378	1.485	1.527					.024
16	1.503	1.610	1.652					.029
20	1.753	1.860	1.902	.414			.629	.031
24	2.003	2.110	2.152					.033
28	2.253	2.360	2.402	.429		.375	.644	.039
32	2.503	2.620	2.662					.046
36	2.753	2.870	2.912					.054
40	3.003	3.125	3.162					.057
48	3.628	3.751	3.793	.455	.100	.392	.705	.087
56	4.128	4.256	4.298					.098
64	4.613	4.756	4.798					.111
72	5.113	5.266	5.308					.142
80	5.613	5.765	5.807	.543	.130	.475	.823	.146

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THREADED, FERRULE TYPE TUBE ENDS, TYPE II

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