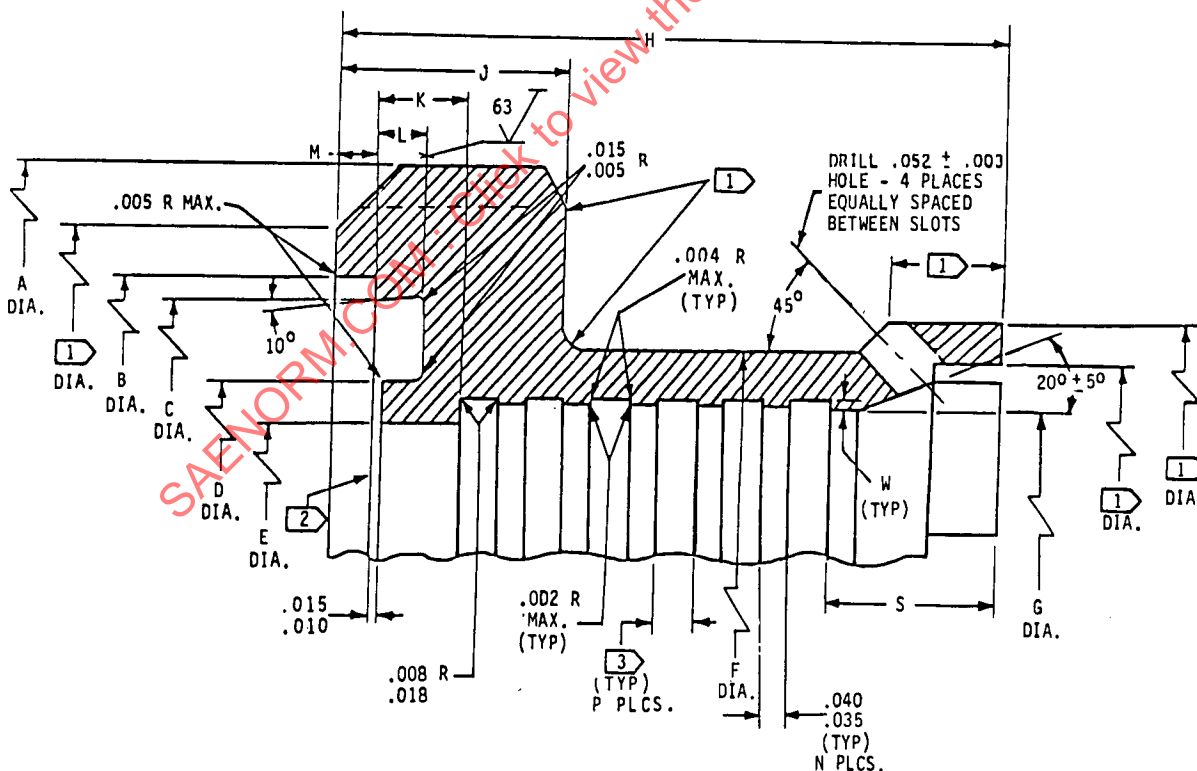
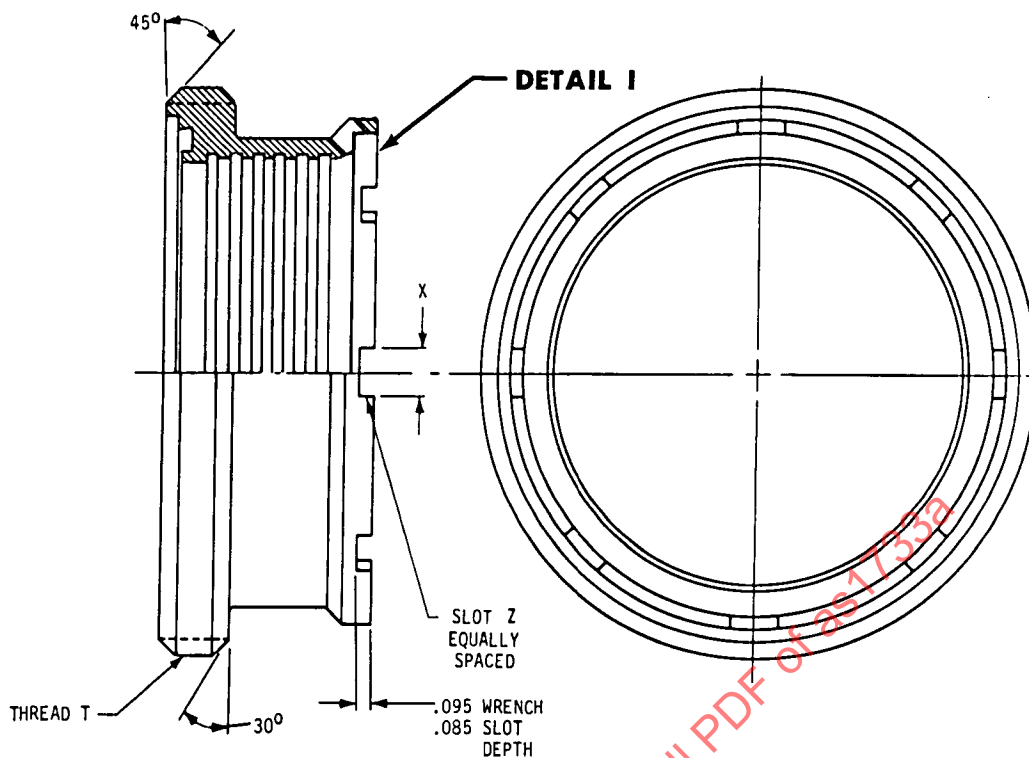


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DETAIL I

PROCUREMENT SPECIFICATION

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

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

400 COMMONWEALTH DRIVE WARRENDALE, PA 15096

AEROSPACE STANDARD

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

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TABLE I
BODY DIMENSIONS

AS1733 DASH NUMBER	TUBE SIZE (REF)	THREAD T PER MIL-S-7742	A +.005 -.000	B +.005 -.000	C +.010 -.000	D +.000 -.010	E +.005 -.000	F +.005 -.000	G		H
									DIA	TOL	
04	1/4	11/16-12 UN-2A	.680	.529	.480	.298	.228	.375	.254		.720
05	5/16	3/4-12 UN-2A	.743	.580	.535	.353	.290	.437	.316		
06	3/8	13/16-12 UN-2A	.805	.635	.590	.408	.353	.500	.379		
08	1/2	15/16-12 UN-2A	.930	.762	.716	.534	.479	.625	.504		
10	5/8	1-1/16-12 UN-2A	1.055	.900	.850	.668	.604	.750	.630		.735
12	3/4	1-1/4-12 UNF-2A	1.243	1.033	.984	.802	.729	.890	.755		
14	7/8	1-3/8-12 UNF-2A	1.368	1.167	1.105	.923	.854	1.025	.880	+.005	
16	1	1-1/2-12 UNF-2A	1.493	1.284	1.235	1.053	.980	1.142	1.005	-.000	
20	1-1/4	1-3/4-12 UN-2A	1.743	1.534	1.485	1.303	1.230	1.392	1.256		.825
24	1-1/2	2 -12 UN-2A	1.993	1.783	1.735	1.553	1.480	1.642	1.506		
28	1-3/4	2-1/4-12 UN-2A	2.243	2.045	1.965	1.783	1.730	1.895	1.756		.835
32	2	2-1/2-12 UN-2A	2.493	2.292	2.235	2.053	1.981	2.145	2.006		
36	2-1/4	2-3/4-12 UN-2A	2.743	2.545	2.485	2.283	2.231	2.395	2.257		.785
40	2-1/2	3 -12 UN-2A	2.993	2.800	2.713	2.531	2.481	2.645	2.507		
48	3	3-5/8-12 UN-2A	3.618	3.395	3.340	3.158	2.979	3.145	3.007		
56	3-1/2	4-1/8-12 UN-2A	4.118	3.895	3.840	3.658	3.479	3.645	3.509		
64	4	4-5/8-12 	4.603	4.395	4.340	4.158	3.979	4.155	4.009		.770
72	4-1/2	5-1/8-12 	5.103	4.895	4.840	4.658	4.479	4.655	4.509	+.006	.950
80	5	5-5/8-12 	5.602	5.378	5.325	5.143	4.979	5.155	5.009	-.000	

TABLE II
BODY DIMENSIONS AND DESIGN INFORMATION

AS1733 DASH NUMBER	J	K		L	M	N PLACES	P PLACES	S +.020 -.010	W	X	Y PLACES	O-RING DASH NO. (REF) 	WEIGHT MAX. LBS.
		LENGTH	TOL										
04	.234	.090	+.005 -.000			4	5	.210		.125	4	012	.008
05												013	.009
06												014	.011
08												016	.014
10	.250	.100		.050 .054	.045			.225	.008 .010	.187		018	.017
12												020	.022
14												022	.025
16												024	.028
20			+.005								8	028	.033
24												030	.041
28												032	.046
32												034	.052
36	.279	.110				5	6	.205		.250		036	.060
40												038	.067
48												042	.092
56												044	.105
64	.309	.060		.075					.014 .016			046	.118
72												048	.196
72												050	.229
80													
64	.409	.100				4	5	.230	.020 .024				
72						6	7	.260					
72													
80													

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

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