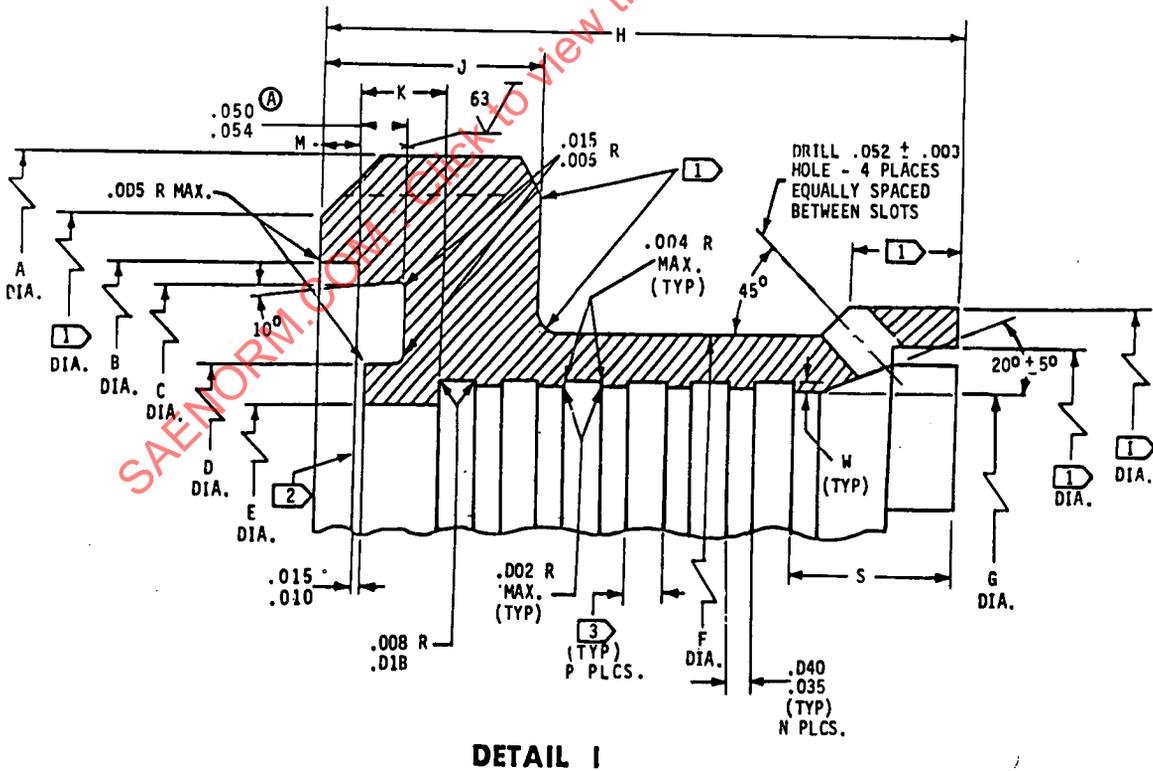
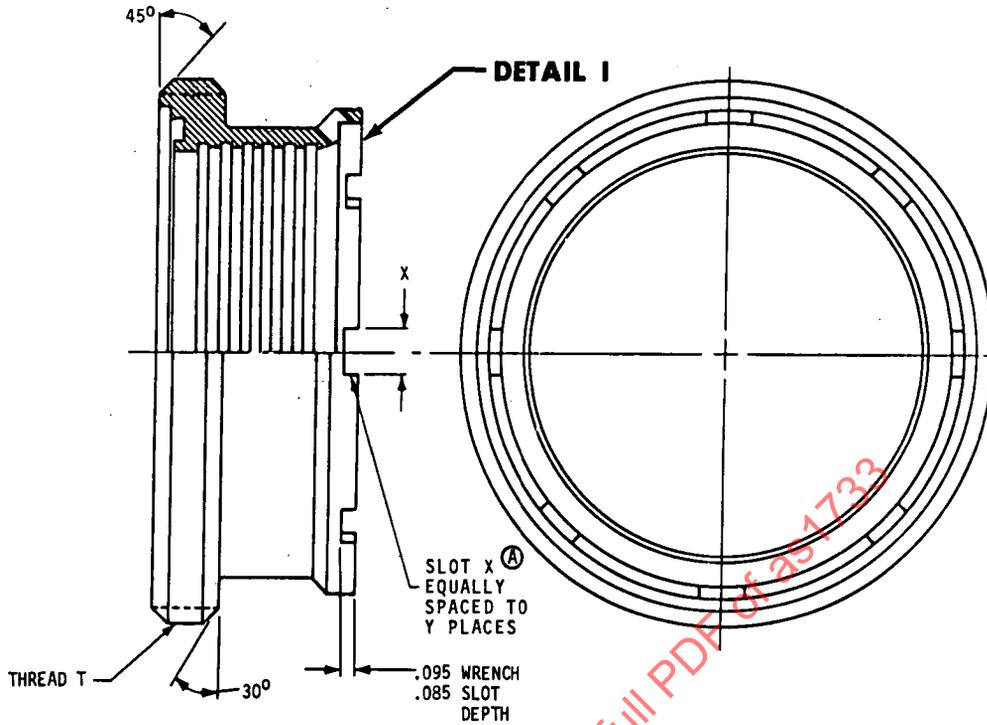


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DETAIL I

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

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

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



400 COMMONWEALTH DRIVE, WARRENDALE, PA 15096

AEROSPACE STANDARD

BODY, COUPLING, RIGID, FIXED CAVITY, THREADED, FERRULE TYPE TUBE ENDS, TYPE 11

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TABLE I
BODY DIMENSIONS

AS1733 DASH NUMBER	TUBE SIZE (REF)	THREAD T PER MIL-S-7742	A	B	C	D	E	F	G		H
			+ .005 - .000	+ .005 - .000	+ .010 - .000	+ .000 - .010	+ .005 - .000	+ .005 - .000	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	+ .005 - .000	.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		
16	1	1-1/2-12 UNF-2A	1.493	1.284	1.235	1.053	.980	1.142	1.005		
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		
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	+ .006 - .000	.770
72	4-1/2	5-1/8-12 	5.103	4.895	4.840	4.658	4.479	4.655	4.509		
80	5	5-5/8-12 	5.602	5.378	5.325	5.143	4.979	5.155	5.009		

TABLE II
BODY DIMENSIONS AND DESIGN INFORMATION

AS1733 DASH NUMBER	J	K		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	.045	4	5	.210	.008	.125	4	012	.008
05											013	.009
06											014	.011
08											016	.014
10	.250	.100	+ .005	.075	5	6	.205	.010	.187	8	018	.017
12											020	.022
14											022	.025
16											024	.028
20	.279	.110	+ .005	.075	5	6	.205	.014 .016	.250	8	028	.033
24											030	.041
28											032	.046
32											034	.052
36	.309	.060	+ .005	.075	5	6	.205	.014 .016	.250	8	036	.060
40											038	.067
48											042	.092
56											044	.105
64	.409	.100	+ .005	.075	4	5	.230	.020 .024	.250	8	046	.118
72											048	.196
76											050	.229
80											050	.229

(A)

Issued JANUARY 1984 Revised (A) AUGUST 1984

AEROSPACE STANDARD

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

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