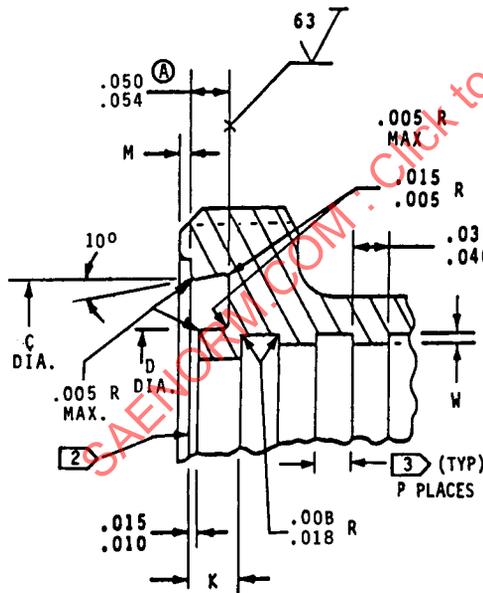
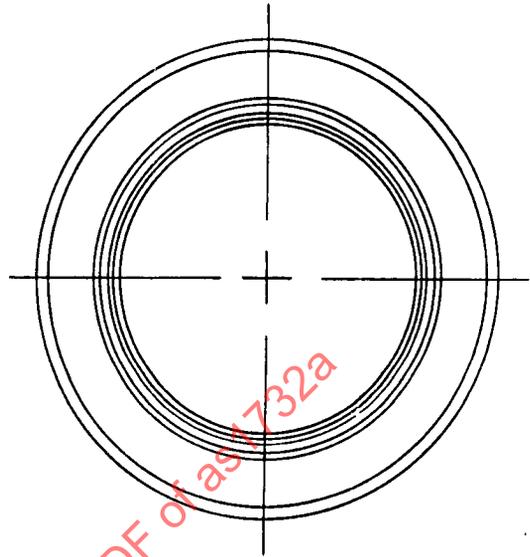
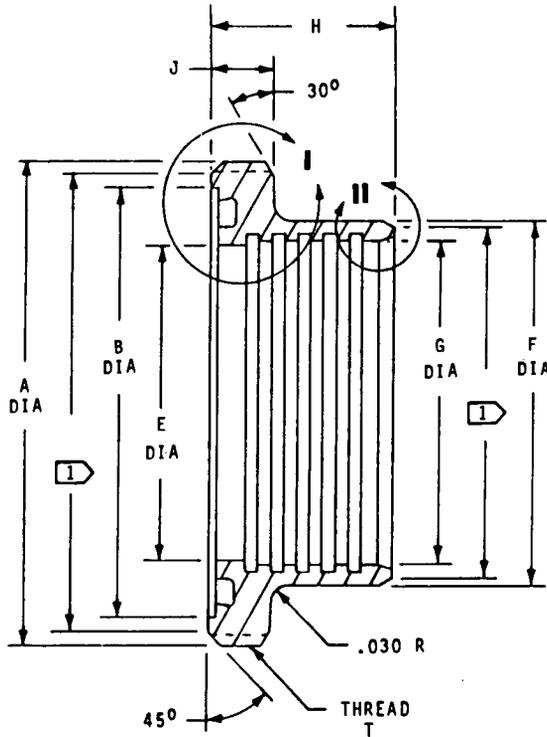
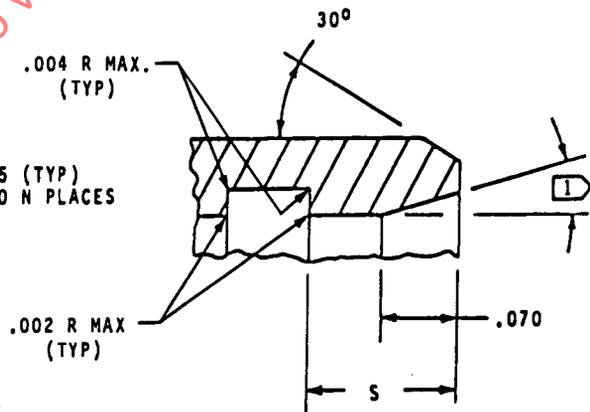


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DETAIL I



DETAIL II

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

SAE The Engineering Resource For Advancing Mobility
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AEROSPACE STANDARD

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

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TABLE I
COUPLING BODY DIMENSIONS

AS1732 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.	
D4	1/4	11/16-12 UN-2A	.680	.529	.480	.298	.228	.375	.254	+ .005 - .000	.645
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		
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	.760	
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	.705	
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	.884 .868
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 I
COUPLING BODY DIMENSIONS AND DESIGN INFORMATION

AS1732 DASH NUMBER	J	K		M	N PLACES	P PLACES	S		W	O-RING DASH NO. (REF) 	WEIGHT MAX. LBS.
		LENGTH	TOL.				LENGTH	TOL.			
04	.234	.090	+ .005 - .000	.045	4	5	.127	+ .020 - .010	.008 .010	012 013 014 016	.007 .008 .010 .013
05											
06											
08											
10	.250	.100	± .005	.075	5	6	.150	± .015	.008 .010	018 020 022 024	.016 .021 .023 .027
12											
14											
16											
20	.279	.110	± .005	.075	5	6	.125	+ .020 - .010	.014 .016	028 030 032 034	.033 .041 .045 .050
24											
28											
32											
36	.309	.060	± .005	.075	5	6	.125	+ .020 - .010	.014 .016	036 038 042 044	.064 .072 .089 .101
40											
48											
56											
64	.409	.100	± .005	.075	4	5	.142	+ .015	.020 .024	D46 048 050	.116 .177 .195
72											
80											

(A)

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TURREADED, FERRULE TYPE TUBE ENDS, TYPE I

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