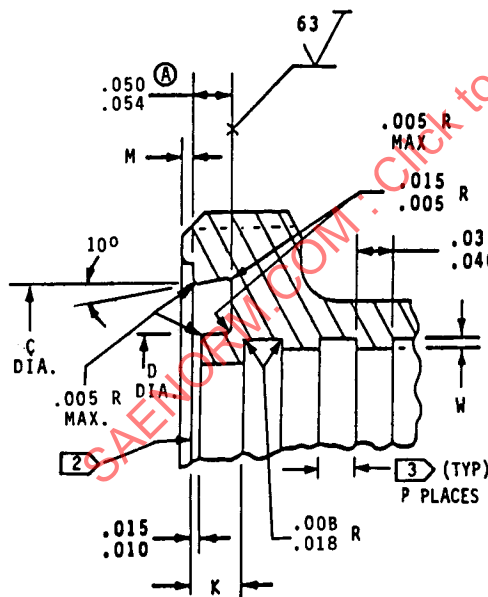
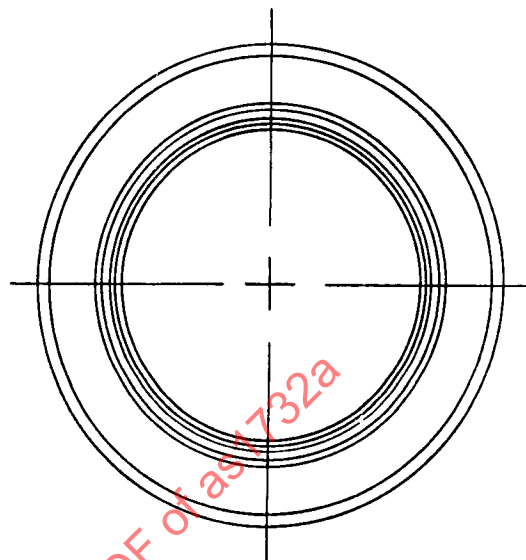
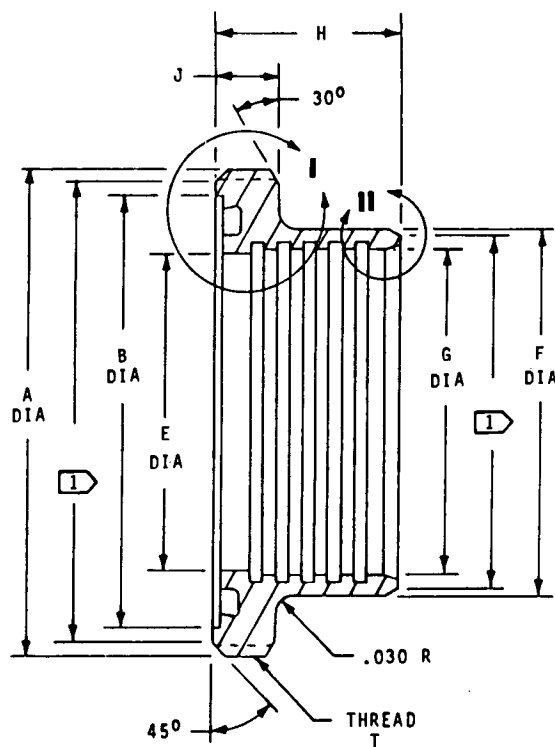


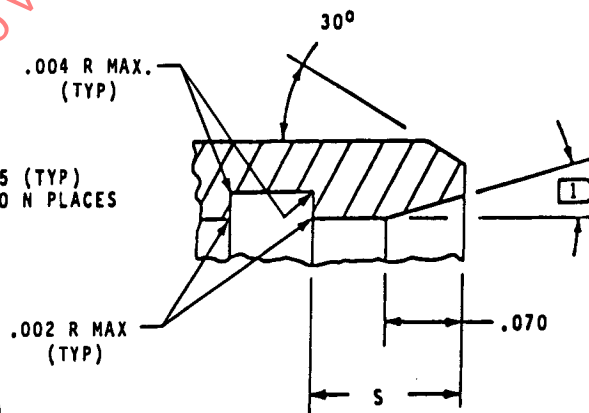
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4730



DETAIL I



DETAIL II

DIMENSIONS IN INCHES

TOLERANCE: .XXX $\pm$.010, ANGLES $\pm$ 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
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400 COMMONWEALTH DRIVE, WARRENDALE, PA 15096

AEROSPACE STANDARD

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

AS1732

SH 1 OF 3

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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	+.005 -.000	.675
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) 5	WEIGHT MAX. LBS.
		LENGTH	TOL				LENGTH	TOL.			
04	.234	.090	+.005 -.000	.045	4	5	.127		.008 .010	012	.007
05							.127	+.020		013	.008
06							.127	-.010		014	.010
08							.127			016	.013
10	.250	.100	±.005				.150			018	.016
12							.150			020	.021
14							.150	±.015		022	.023
16							.150			024	.027
20				.075		5	6	.150		028	.033
24								.150		030	.041
28								.125		032	.045
32								.125		034	.050
36	.279	.110					.125	+.020		036	.064
40							.125	-.010		038	.072
48	.309	.060					.125			042	.089
56							.125			044	.101
64	.409	.100			4	5	.142	±.015	.020 .024	D46	.116
72					6	7	.151			048	.177
80							.135	+.020		050	.195
								-.010			

(A)

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SH 2