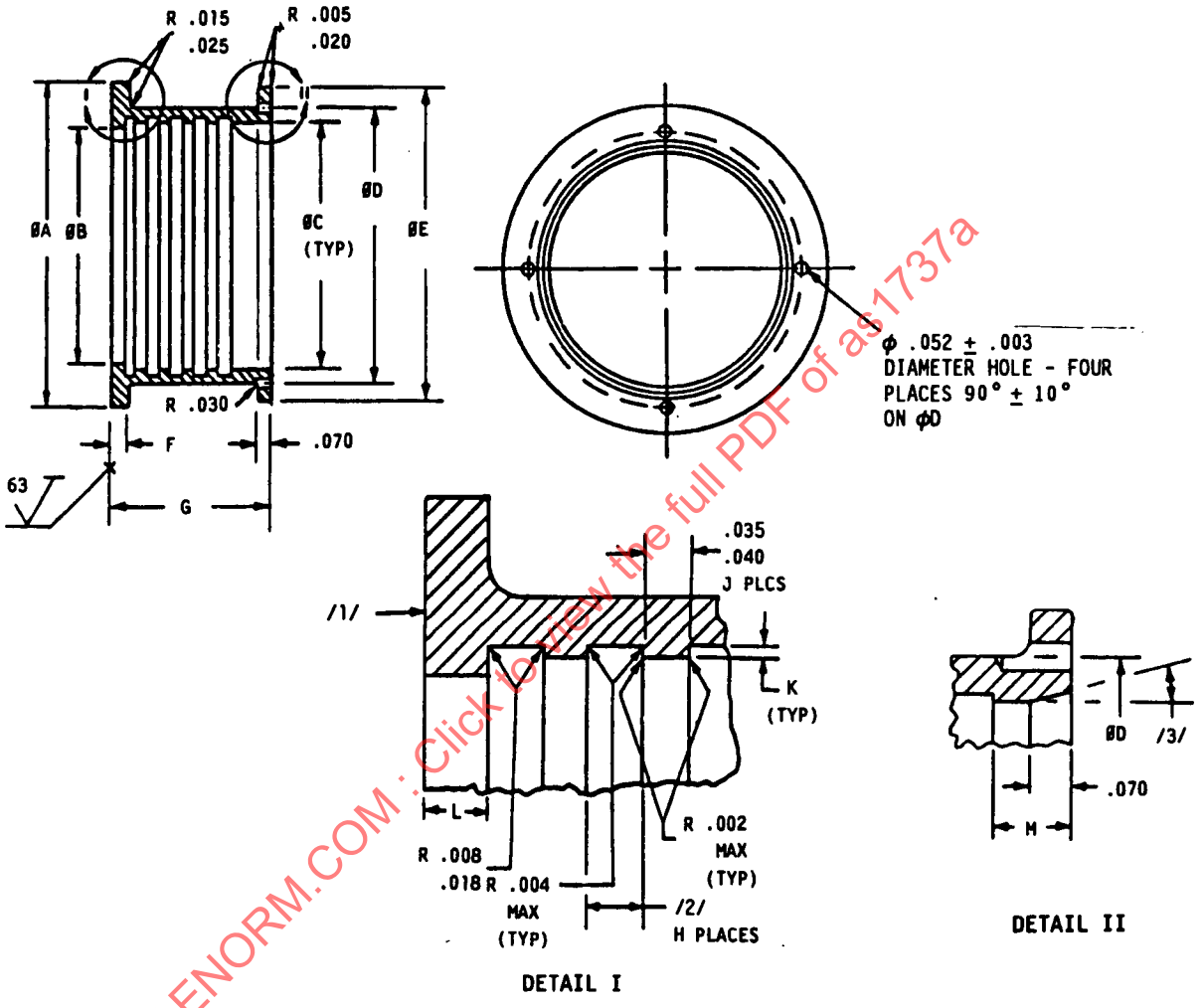
FEDERAL SUPPLY CLASS
4730



DETAIL I

DETAIL II

FIGURE 1

ISSUED 1984-01 REVISED Ⓐ 1991-10-30

CUSTODIAN: SAE G-3/G-3A

PROCUREMENT SPECIFICATION: AS1730

SAE The Engineering Society For Advancing Mobility Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

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

AS1737 REV. A

Printed in the U.S.A.
90-1001A/EG

SAE INTERNATIONAL
The Engineering Society For Advancing Mobility Land Sea Air and Space®

AEROSPACE STANDARD

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

TABLE 1 - FERRULE DIMENSIONS AND WEIGHTS

AS1717 DASH NUMBER	TUBE SIZE (REF)	øA /4/ +.005/-.000	øB /4/ +.005/-.000	øC /4/	øC /4/ TOL	øD /4/ +.005/-.000	øE /4/ +.000/-.008	F +.010/-.000	G	H PLCS GROOVES	J PLCS LANDS	K DEPTH	K TOL	L ±.005	M +.020/-.010	WEIGHT MAX LB
04	.250	.513	.228	.254	+.005/-.000	.375	.515	.060	.585	5	4	.008	+.002/-.000	.040	.165	.004
05	.312	.566	.290	.316	+.005/-.000	.437	.577	.060	.585	5	4	.008	+.002/-.000	.040	.165	.005
06	.375	.621	.353	.379	+.005/-.000	.500	.640	.060	.585	5	4	.008	+.002/-.000	.040	.165	.005
08	.500	.746	.479	.504	+.005/-.000	.625	.765	.060	.585	5	4	.008	+.002/-.000	.040	.165	.007
10	.625	.884	.604	.630	+.005/-.000	.750	.890	.060	.585	5	4	.008	+.002/-.000	.040	.165	.009
12	.750	1.014	.729	.755	+.005/-.000	.890	1.030	.060	.585	5	4	.008	+.002/-.000	.040	.165	.014
16	1.000	1.263	.980	1.005	+.005/-.000	1.142	1.282	.060	.585	5	4	.008	+.002/-.000	.040	.165	.015
20	1.250	1.513	1.230	1.256	+.005/-.000	1.392	1.532	.060	.585	5	4	.008	+.002/-.000	.040	.165	.019
24	1.500	1.762	1.480	1.506	+.005/-.000	1.642	1.782	.060	.670	6	5	.008	+.002/-.000	.040	.165	.025
28	1.750	2.024	1.730	1.756	+.005/-.000	1.895	2.035	.090	.670	6	5	.008	+.002/-.000	.040	.165	.032
32	2.000	2.274	1.981	2.006	+.005/-.000	2.145	2.285	.090	.670	6	5	.008	+.002/-.000	.040	.165	.039
36	2.250	2.524	2.231	2.257	+.005/-.000	2.395	2.535	.090	.670	6	5	.008	+.002/-.000	.040	.165	.041
40	2.500	2.778	2.481	2.507	+.005/-.000	2.645	2.785	.090	.670	6	5	.008	+.002/-.000	.040	.165	.042
44	2.750	3.024	2.731	2.757	+.005/-.000	2.895	3.035	.090	.670	6	5	.008	+.002/-.000	.040	.165	.050
48	3.000	3.369	2.979	3.007	+.005/-.000	3.145	3.285	.090	.670	6	5	.008	+.002/-.000	.040	.165	.056
56	3.500	3.869	3.479	3.509	+.005/-.000	3.645	3.785	.090	.670	6	5	.014	+.002/-.000	.040	.165	.064
64	4.000	4.369	3.979	4.009	+.005/-.000	4.155	4.295	.090	.670	5	4	.014	+.002/-.000	.080	.200	.078
72	4.500	4.869	4.479	4.509	+.006/-.000	4.655	4.795	.090	.823	7	6	.020	+.004/-.000	.080	.185	.099
80	5.000	5.352	4.979	5.009	+.006/-.000	5.155	5.295	.090	.823	7	6	.020	+.004/-.000	.080	.185	.105