

REV. B

AS1737

FEDERAL SUPPLY CLASS
4730

RATIONALE

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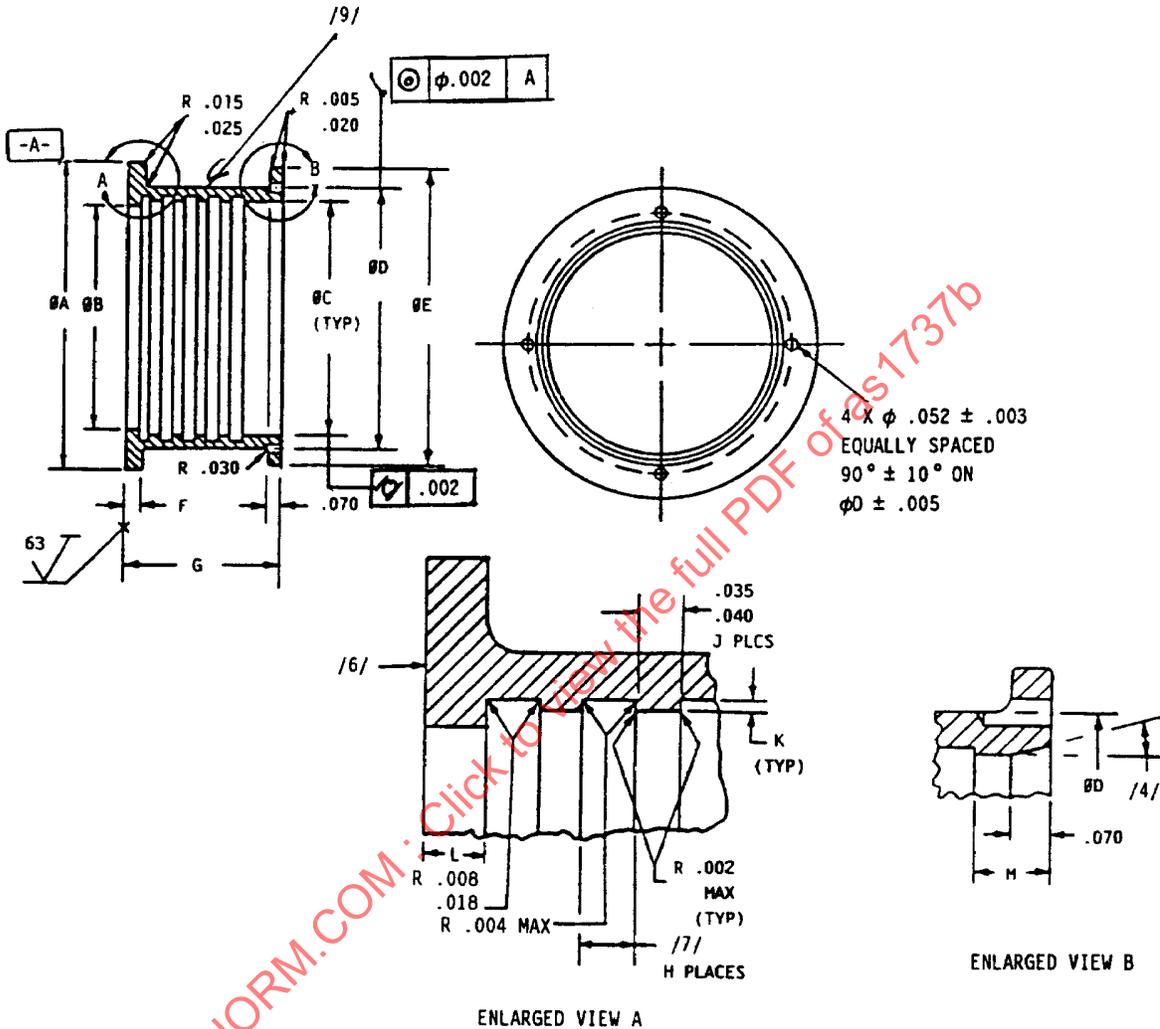
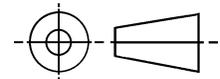


FIGURE 1 - FERRULE

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ /11/ AS1730

SAE Aerospace
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AEROSPACE STANDARD

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

AS1737
SHEET 1 OF 3

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ISSUED 1984-01 REVISED 1993-09 REAFFIRMED 2007-09

TABLE 1 - FERRULE DIMENSIONS AND WEIGHTS

BASIC NO. AS1737	CODE	(TUBE SIZE)	A / 5/	B / 5/	C / 4/	C / 5/	D / 5/	E / 5/	F	G	H PLCS GROOVES	J PLCS LANDS	K DEPTH	K TOL	L	M	WEIGHT MAX
			+ .005/- .000	+ .005/- .000	+ .005/- .000	+ .005/- .000	+ .005/- .000	+ .010/- .000	+ .009/- .008	+ .010/- .000	G	5	4	4	.008	+.002/- .000	+.005
04		.250	.513	.233	.254	+.005/- .000	.375	.515	.060	.565	5	4	.008	+.002/- .000	.040	.165	.004
05		.312	.566	.295	.316	+.005/- .000	.437	.577	.060	.565	5	4	.008	+.002/- .000	.040	.165	.005
06		.375	.621	.358	.379	+.005/- .000	.500	.640	.060	.565	5	4	.008	+.002/- .000	.040	.165	.005
08		.500	.746	.483	.504	+.005/- .000	.625	.765	.060	.565	5	4	.008	+.002/- .000	.040	.165	.007
10		.625	.884	.609	.630	+.005/- .000	.750	.890	.060	.565	5	4	.008	+.002/- .000	.040	.165	.009
12		.750	1.014	.734	.755	+.005/- .000	.890	1.030	.060	.565	5	4	.008	+.002/- .000	.040	.165	.014
16		1.000	1.263	.985	1.005	+.005/- .000	1.142	1.282	.060	.565	5	4	.008	+.002/- .000	.040	.165	.015
20		1.250	1.513	1.235	1.266	+.005/- .000	1.392	1.532	.060	.565	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	.165	.105

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