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AS1717

FEDERAL SUPPLY CLASS
4730

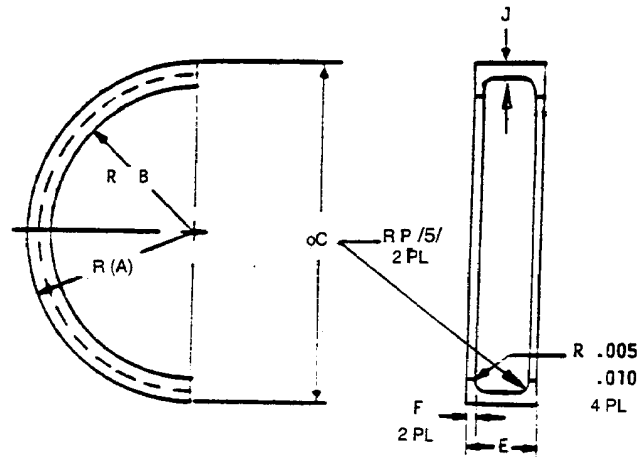


FIGURE 1 - CONFIGURATION FOR SIZES 08 AND 10 (HALF RETAINER SHOWN)

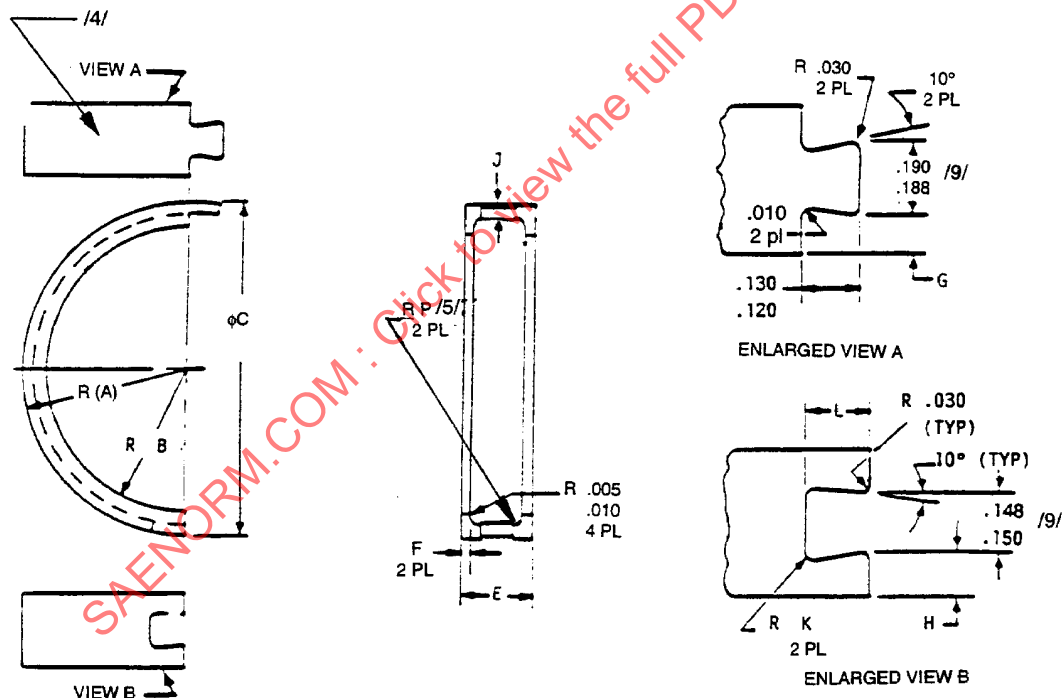
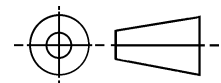


FIGURE 2 - CONFIGURATION FOR SIZES 12 THROUGH 72 (HALF RETAINER)

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3A

PROCUREMENT SPECIFICATION: /3/ AS1710

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

AEROSPACE STANDARD

RETAINER, COUPLING, FLEXIBLE, VARIABLE
CAVITY, THREADED FERRULE TYPE TUBE ENDS

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SHEET 1 OF 5

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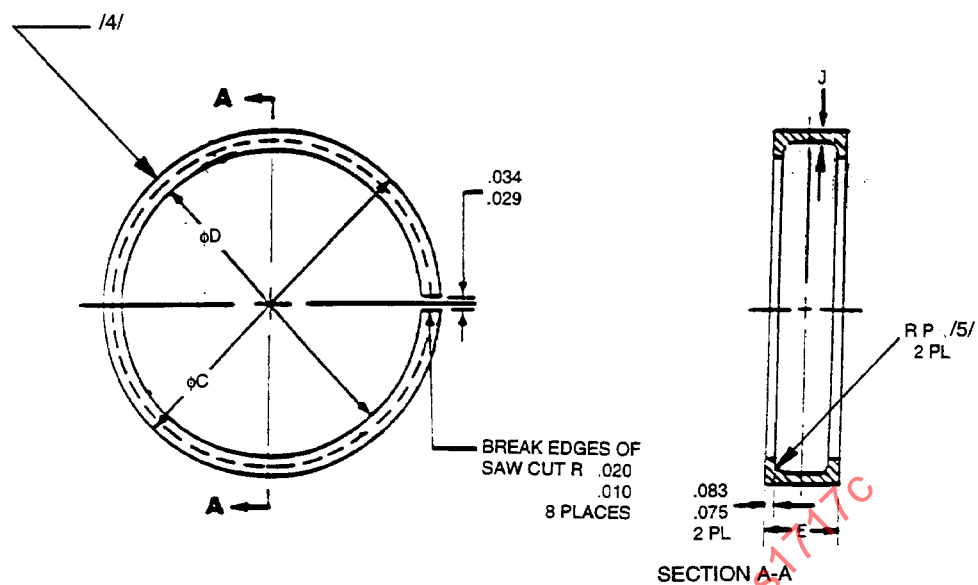


FIGURE 3 - CONFIGURATION FOR SIZES 80 AND 88 (FULL RETAINER)

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TABLE 1A - COUPLING RETAINER DIMENSIONS

BASIC NO. AS1717	(TUBE SIZE CODE	(A)	B + .003/- .001	C ± .004	D + .006/- .000	E + .000/- .005	F + .003/- .005	G + .002/- .000	H + .000/- .002
08	.500	.398	.323	.797	-	.415	.040	-	-
10	.625	.461	.385	.922	-	.415	.040	-	-
12	.750	.566	.456	1.132	-	.435	.045	.121	.143
16	1.000	.696	.581	1.392	-	.495	.045	.151	.173
20	1.250	.821	.706	1.641	-	.495	.045	.151	.173
24	1.500	1.005	.831	2.010	-	.535	.045	.171	.193
28	1.750	1.130	.956	2.260	-	.535	.045	.171	.193
32	2.000	1.260	1.083	2.520	-	.535	.061	.171	.193
36	2.250	1.385	1.208	2.770	-	.535	.061	.171	.193
40	2.500	1.510	1.333	3.020	-	.535	.061	.171	.193
44	2.750	1.635	1.458	3.270	-	.535	.061	.171	.193
48	3.000	1.752	1.583	3.503	-	.535	.061	.171	.193
56	3.500	2.002	1.833	4.003	-	.607	.061	.207	.229
64	4.000	2.256	2.087	4.512	-	.633	.061	.220	.242
72	4.500	2.565	2.338	5.129	-	.627	.061	.217	.239
80	5.000	-	-	5.636	5.188	.837	-	-	-
88	5.500	-	-	6.136	5.688	.847	-	-	-

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TABLE 1B - COUPLING RETAINER DIMENSIONS AND WEIGHTS

BASIC NO.					P	
AS1717	J	K			MIN	LB/EA
SIZE CODE	/10/	RAD	K TOL	L	/5/	MAX
08	.032	-	-	-	.020	.003
10	.032	-	-	-	.020	.003
12	.036	.031	±.015	.175	.035	.004
16	.044	.031	±.015	.175	.025	.006
20	.044	.031	±.015	.175	.025	.007
24	.063	.056	+0.015/-0.030	.222	.050	.014
28	.063	.056	+0.015/-0.030	.222	.050	.016
32	.066	.056	+0.015/-0.030	.222	.045	.019
36	.066	.056	+0.015/-0.030	.222	.040	.021
40	.066	.056	+0.015/-0.030	.222	.040	.024
44	.066	.056	+0.015/-0.030	.222	.040	.027
48	.072	.056	+0.015/-0.030	.222	.040	.029
56	.072	.056	+0.015/-0.030	.222	.025	.035
64	.072	.056	+0.015/-0.030	.222	.025	.041
72	.074	.056	+0.015/-0.030	.222	.075	.097
80	.086	-	-	-	.060	.156
88	.086	-	-	-	.060	.181