

AS1717
REV. B

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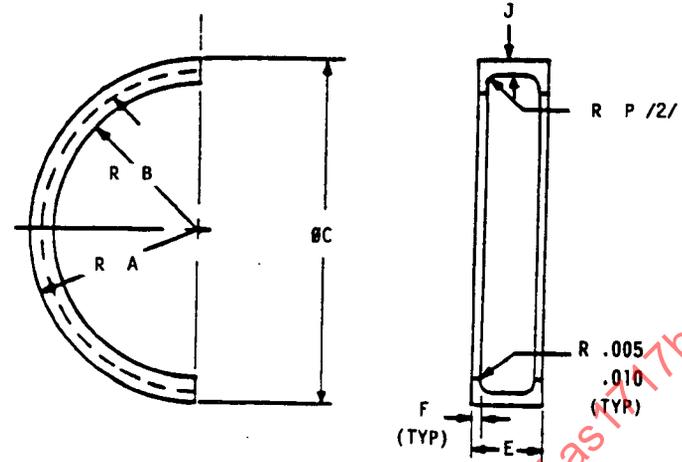


FIGURE 1 - CONFIGURATION FOR SIZES 08 AND 10 (HALF RETAINER SHOWN)

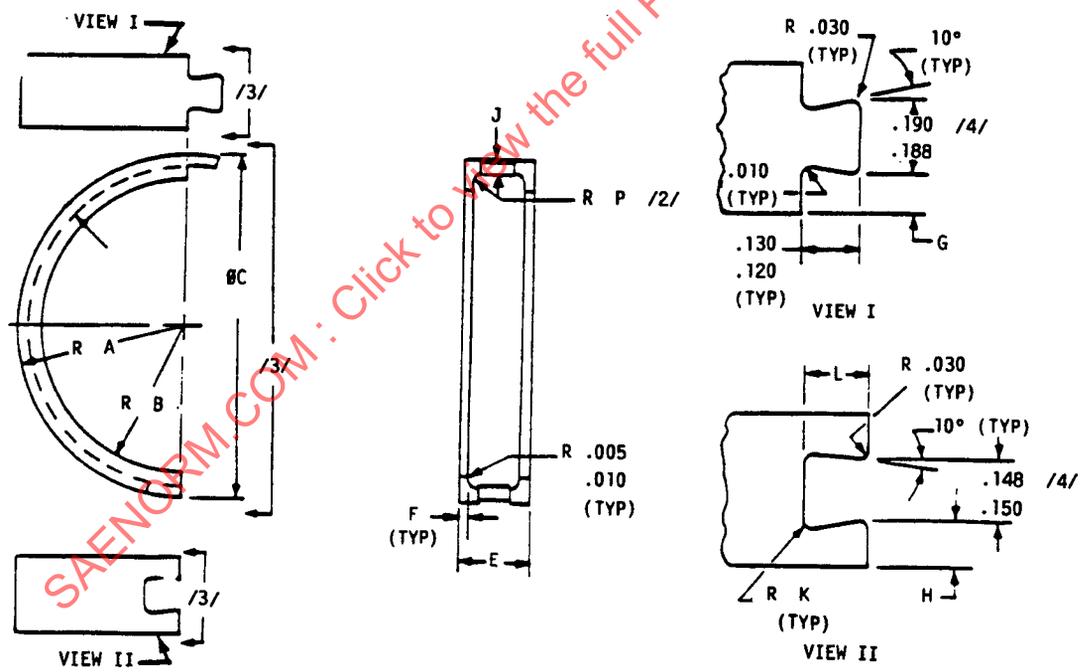


FIGURE 2 - CONFIGURATION FOR SIZES 12 THROUGH 72 (HALF RETAINER)

CUSTODIAN: SAE G-3/G-3A		PROCUREMENT SPECIFICATION: /2/ AS1710	
<p>The Engineering Society For Advancing Mobility Land Sea Air and Space</p> <p>400 Commonwealth Drive, Warrendale, PA 15096-0001</p>		AEROSPACE STANDARD	
		RETAINER, COUPLING, FLEXIBLE, VARIABLE CAVITY, THREADED FERRULE TYPE TUBE ENDS	
		AS1717	REV. B
		SHEET 1 OF 5	

ISSUED 1982-05 REVISED 1992-07-15 (B)

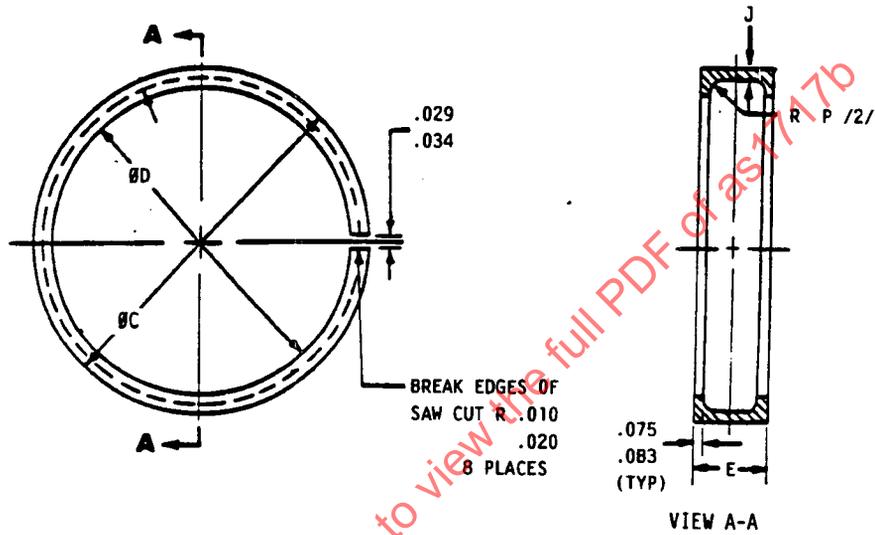


FIGURE 3 - CONFIGURATON FOR SIZES 80 AND 88 (FULL RETAINER)

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REV.
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TABLE 1A - COUPLING RETAINER DIMENSIONS

TUBE AS1717 DASH NO	SIZE (REF)	A +.000/- .003	B +.003/- .001	C +.001/- .004	D +.006/- .000	E +.000/- .005	F +.000/- .005	G +.002/- .000	H +.000/- .002
08	.500	.399	.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	2.060	-	.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	-	-	-

TABLE 18 - COUPLING RETAINER DIMENSIONS AND WEIGHTS

AS1717 DASH NO	J /1/	K RAD	K TDL	L	P		WEIGHT	
					MIN /2/	MAX	MAX LB	LB
08	.032	-	$\pm .015$	-	.020			.002
10	.032	-	$\pm .015$	-	.020			.002
12	.036	.031	$\pm .015$	.175	.035			.004
16	.044	.031	$\pm .015$	.175	.025			.006
20	.044	.031	$\pm .015$	.175	.025			.007
24	.063	.062	$+.015/- .030$	.222	.050			.013
28	.063	.062	$+.015/- .030$	.222	.050			.016
32	.066	.062	$+.015/- .030$	.222	.045			.019
36	.066	.062	$+.015/- .030$	.222	.040			.021
40	.066	.062	$+.015/- .030$	.222	.040			.024
44	.066	.062	$+.015/- .030$	.222	.040			.027
48	.072	.062	$+.015/- .030$	.222	.040			.029
56	.072	.062	$+.015/- .030$	.222	.025			.035
64	.072	.062	$+.015/- .030$	.222	.025			.041
72	.074	.062	$+.015/- .030$	.222	.075			.097
80	.086	-		-	.060			.156
88	.086	-		-	.060			.181