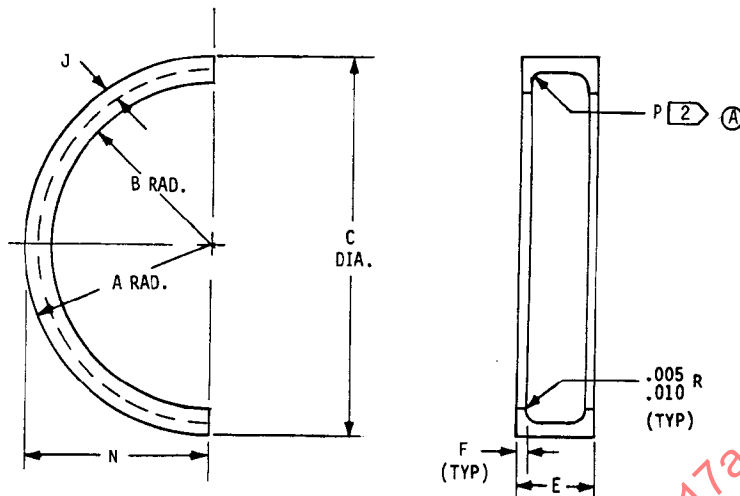


(A)

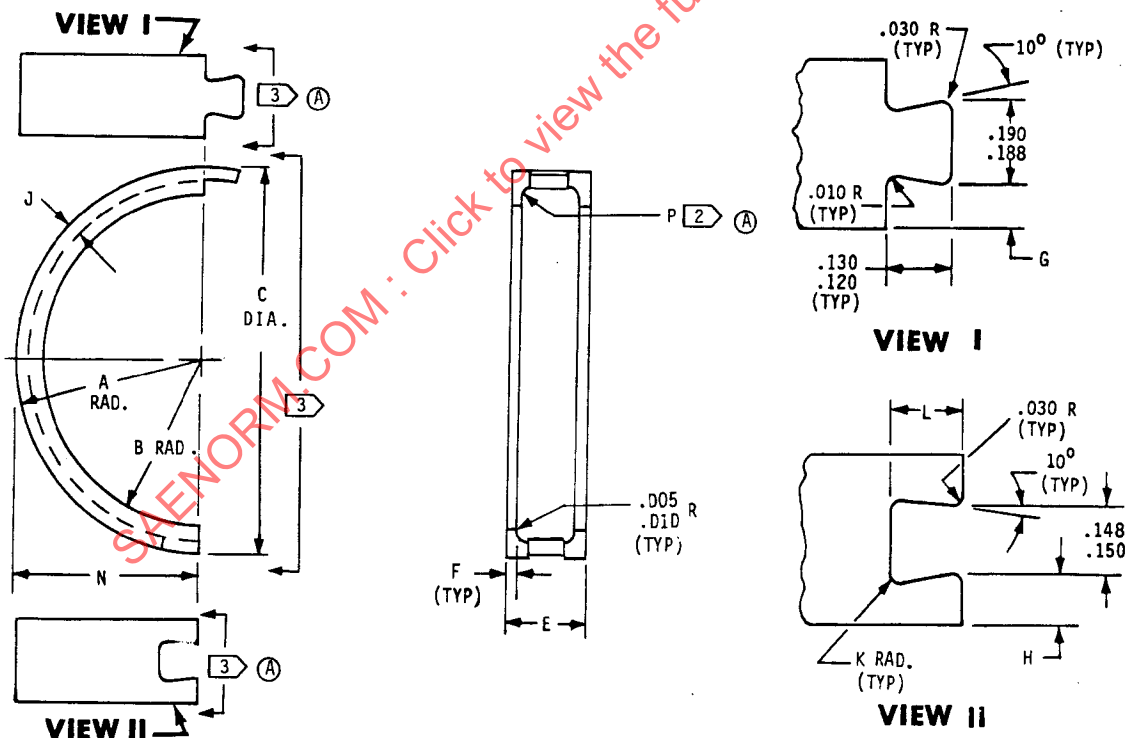
AS1717

SAE Technical Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.



CONFIGURATION FOR SIZES 08 AND 10
(HALF RETAINER SHOWN)

Figure 1



CONFIGURATION FOR SIZES 12 THRU 72
(HALF RETAINER SHOWN)

Figure 2

PROCUREMENT SPECIFICATION

1	REV A	2	REV A	3	REV A
---	-------	---	-------	---	-------

LIST OF ACTIVE SHEETS

PREPARED BY SAE COMMITTEE G-3, AEROSPACE FITTINGS, HOSE AND TUBING ASSEMBLIES

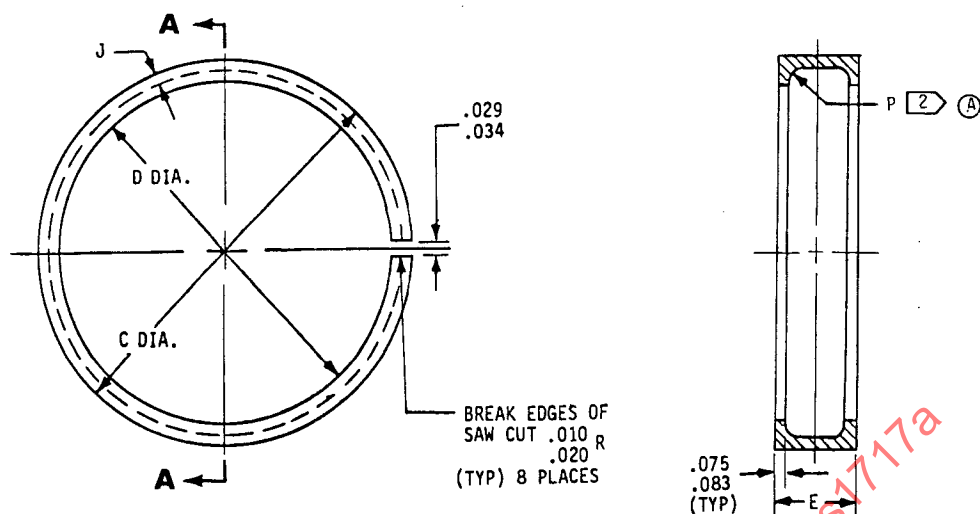
SAE The Engineering
Resource For
Advancing Mobility

100 COMMONWEALTH DRIVE WARRENDALE, PA 15096

AEROSPACE STANDARD

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

AS1717
SH 1 OF 3



SECTION A-A

CONFIGURATION FOR SIZES 80 AND 88

Figure 3

TOLERANCE: $\pm .010$ ANGLES $\pm 1/2^\circ$, UNLESS OTHERWISE SPECIFIED.TABLE 1A
COUPLING RETAINER DIMENSIONS

AS1717 DASH NO.	TUBE SIZE (REF)	A +.0000 -.0020	B +.0030 -.0000	C +.000 -.004	D +.006 -.000	E +.000 -.005	F +.000 -.005	G +.002 -.000	H +.000 -.002
08	1/2	.3985	.3230	.797	-	.415	.040	-	-
10	5/8	.4610	.3850	.922	-	.415	-	-	-
12	3/4	.5660	.4555	1.132	-	.435	-	.121	.143
16	1	.6960	.5810	1.392	-	.495	.045	.151	.173
20	1 1/4	.8205	.7060	1.641	-	.495	-	-	-
24	1 1/2	1.0050	.8310	2.010	-	.535	-	-	-
28	1 3/4	1.1300	.9560	2.060	-	.535	-	.171	.193
32	2	1.2600	1.0825	2.520	-	.535	.061	-	-
36	2 1/4	1.3850	1.2075	2.770	-	.535	-	-	-
40	2 1/2	1.5100	1.3325	3.020	-	.535	-	-	-
48	3	1.7515	1.5825	3.503	-	.535	-	-	-
56	3 1/2	2.0015	1.8325	4.003	-	.607	-	.207	.229
64	4	2.2560	2.0870	4.512	-	.633	-	.220	.242
72	4 1/2	2.5645	2.3375	5.129	-	.627	-	.217	.239
80	5	-	-	5.636	5.188	.837	-	-	-
88	5 1/2	-	-	6.136	5.688	.847	-	-	-

DIMENSIONS IN INCH

AEROSPACE STANDARD

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

AS1717

SH 2