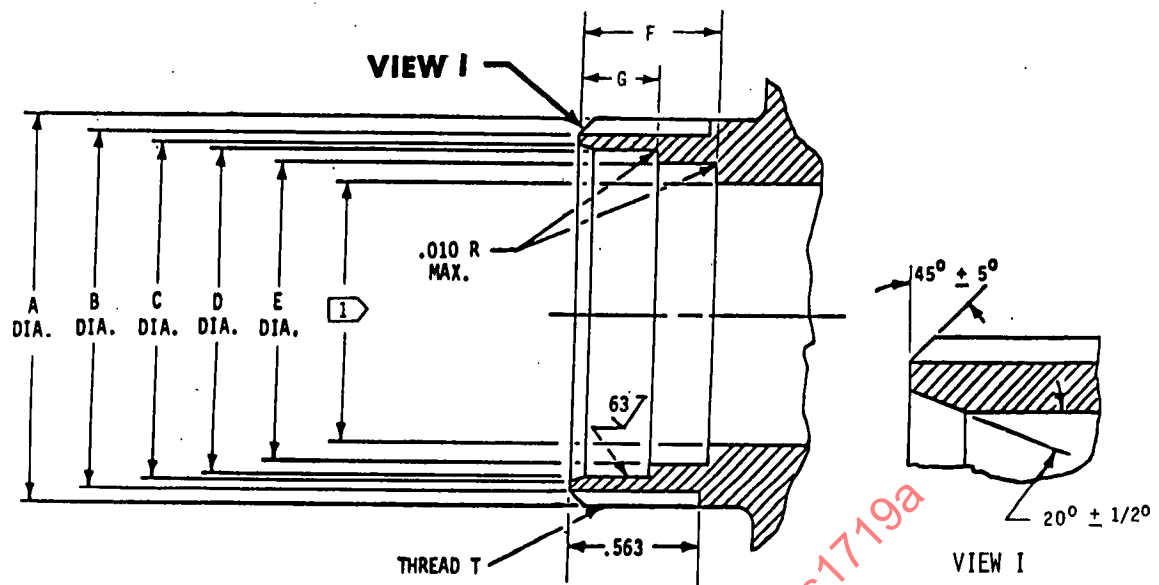


# AS1719



## HALF COUPLING DIMENSIONS

AS1719 DASH NO.	TUBE SIZE (REF)	THREAD "T" PER MIL-S-7742	A 2 + .0000 - .0114	B 3	C 4	D 5	E 6	F	G + .010 - .000
08 10	1/2 5/8	1-12 UNF-2A 1 1/8-12 UNF-2A	.9982 1.1232	.889 1.014	.837 .962	.800 .925	.733 .858	.579	.269
12 16	3/4 1	1 3/8-12 UNF-2A 1 5/8-12 UN -2A	1.3731 1.6232	1.264 1.514	1.187 1.447	1.135 1.395	1.060 1.307	.669	.354
20	1 1/4	1 7/8-12 UN -2A	1.8732	1.764	1.697	1.645	1.556		
24 28	1 1/2 1 3/4	2 1/4-12 UN -2A 2 1/2-12 UN -2A	2.2482 2.4981	2.139 2.389	2.066 2.316	2.014 2.264	1.889 2.139	.741	
32 36	2 2 1/4	2 7/8-12 UN -2A 3 1/8-12 UN -2A	2.8731 3.1231	2.739 2.993	2.586 2.836	2.524 2.774	2.392 2.642		
40	2 1/2	3 1/4-12 UN -2A	3.2481	3.114	3.086	3.024	2.892	.756	.426
48 56	3 3 1/2	3 3/4-12 UN- 2A 4 1/4-12 UN -2A	3.7481 4.2480	3.614 4.114	3.569 4.069	3.507 4.007	3.364 3.864		
64 72	4 4 1/2	4 3/4-12 UN -2A 5 1/2-12 UN -2A	4.7480 5.4980	4.613 5.363	4.578 5.215	4.516 5.133	4.373 5.001	.854	.524
80 88	5 5 1/2	6 -12 UN -2A 6 3/8-12 UNS-2A	5.9979 6.3730	5.863 6.238	5.710 6.190	5.627 6.127	5.466 5.966	.857 .825	.527 .495

- 1 ALL DIAMETERS SHALL BE CONCENTRIC WITH THIS SURFACE WITHIN .005 FIM.
- 2 TOLERANCE FOR SIZES 08 THROUGH 88 IS  $+ .0000 / - .0114$ .
- 3 TOLERANCE FOR SIZES 08 THROUGH 28 IS  $+ .000 / - .010$  AND FOR SIZES 32 THROUGH 88 IS  $\pm .010$ .
- 4 TOLERANCE FOR SIZES 08 THROUGH 28 IS  $+ .010 / - .000$  AND FOR SIZES 32 THROUGH 88 IS  $\pm .010$ .
- 5 TOLERANCE FOR SIZES 08 THROUGH 72 IS  $+ .004 / - .000$  AND FOR SIZES 80 AND 88 IS  $+ .005 / - .000$ .
- 6 TOLERANCE FOR SIZES 08 THROUGH 20 IS  $+ .010 / - .000$ , FOR SIZES 24 THROUGH 72 IS  $+ .020 / - .000$  AND SIZES 80 AND 88 IS  $+ .023 / - .000$ .

1	REV A	2	REV A	
LIST OF ACTIVE SHEETS				

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



400 COMMONWEALTH DRIVE WARRENDALE PA 15096

FITTING END, HALF-COUPLING, FLEXIBLE, VARIABLE CAVITY  
THREADED, FERRULE TYPE DESIGN STANDARD

AS1719 SH 1 OF 2