

REV.
B

SAE AS1719

RATIONALE

FEDERAL SUPPLY CLASS
4730

AS1719B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

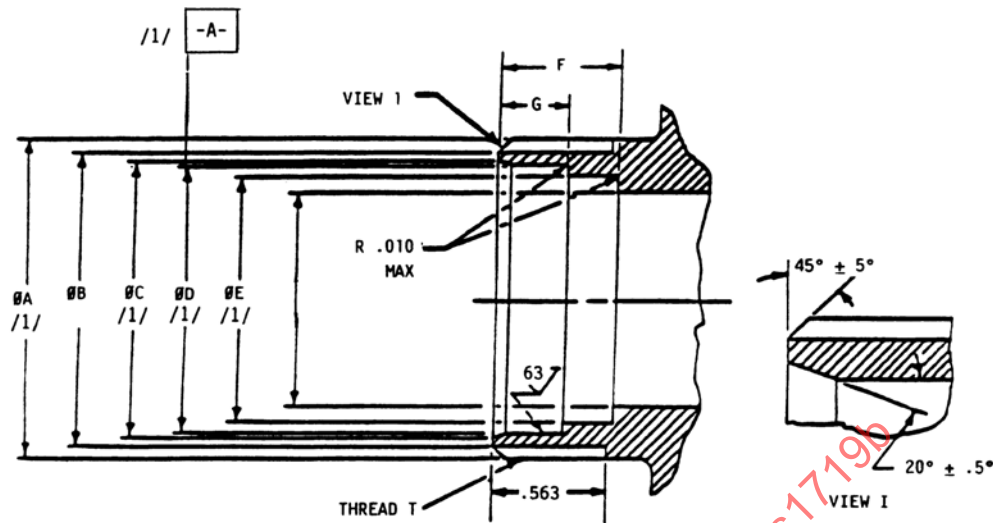


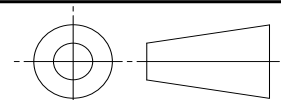
FIGURE 1

TABLE 1 - HALF COUPLING DIMENSIONS

AS1719 DASH NO	TUBE SIZE (REF)	THREAD "T" PER H28/2	A +.0000/-0.0114	B /2/	C /3/	D /4/	E /5/	F	G +.010/-0.000
08	.500	1.000-12 UNF-2A	.9982	.889	.837	.800	.733	.579	.269
10	.625	1.125-12 UNF-2A	1.1232	1.014	.962	.925	.858	.579	.269
12	.750	1.375-12 UNF-2A	1.3731	1.264	1.187	1.135	1.060	.669	.354
16	1.000	1.625-12 UN-2A	1.6232	1.514	1.447	1.395	1.307	.669	.354
20	1.250	1.875-12 UN-2A	1.8732	1.764	1.697	1.645	1.556	.669	.354
24	1.500	2.250-12 UN-2A	2.2482	2.139	2.066	2.014	1.889	.741	.426
28	1.750	2.500-12 UN-2A	2.4981	2.389	2.316	2.264	2.139	.741	.426
32	2.000	2.875-12 UN-2A	2.8731	2.739	2.586	2.524	2.392	.756	.426
36	2.250	3.125-12 UN-2A	3.1231	2.993	2.836	2.774	2.642	.756	.426
40	2.500	3.250-12 UN-2A	3.2481	3.114	3.086	3.024	2.892	.756	.426
44	2.750	3.500-12 UN-2A	3.4981	3.364	3.336	3.274	3.142	.756	.426
48	3.000	3.750-12 UN-2A	3.7481	3.614	3.569	3.507	3.364	.756	.426
56	3.500	4.250-12 UN-2A	4.2480	4.114	4.069	4.007	3.864	.756	.426
64	4.000	4.750-12 UN-2A	4.7480	4.613	4.578	4.516	4.373	.756	.426
72	4.500	5.500-12 UN-2A	5.4980	5.363	5.215	5.133	5.001	.854	.524
80	5.000	6.000-12 UN-2A	5.9979	5.863	5.710	5.627	5.466	.857	.527
88	5.500	6.375-12 UNS-2A	6.3730	6.238	6.190	6.127	5.966	.825	.495

SAE values your input. To provide feedback
on this Technical Report, please visit
<http://www.sae.org/technical/standards/AS1719B>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: /2/ AS1710

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS1719
SHEET 1 OF 2

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