

REV.
A

AS33514

FEDERAL SUPPLY CLASS
4730

RATIONALE

THIS STANDARD IS REVISED TO UPDATE THE DIMENSIONS IN TABLES FOR CLARITY.

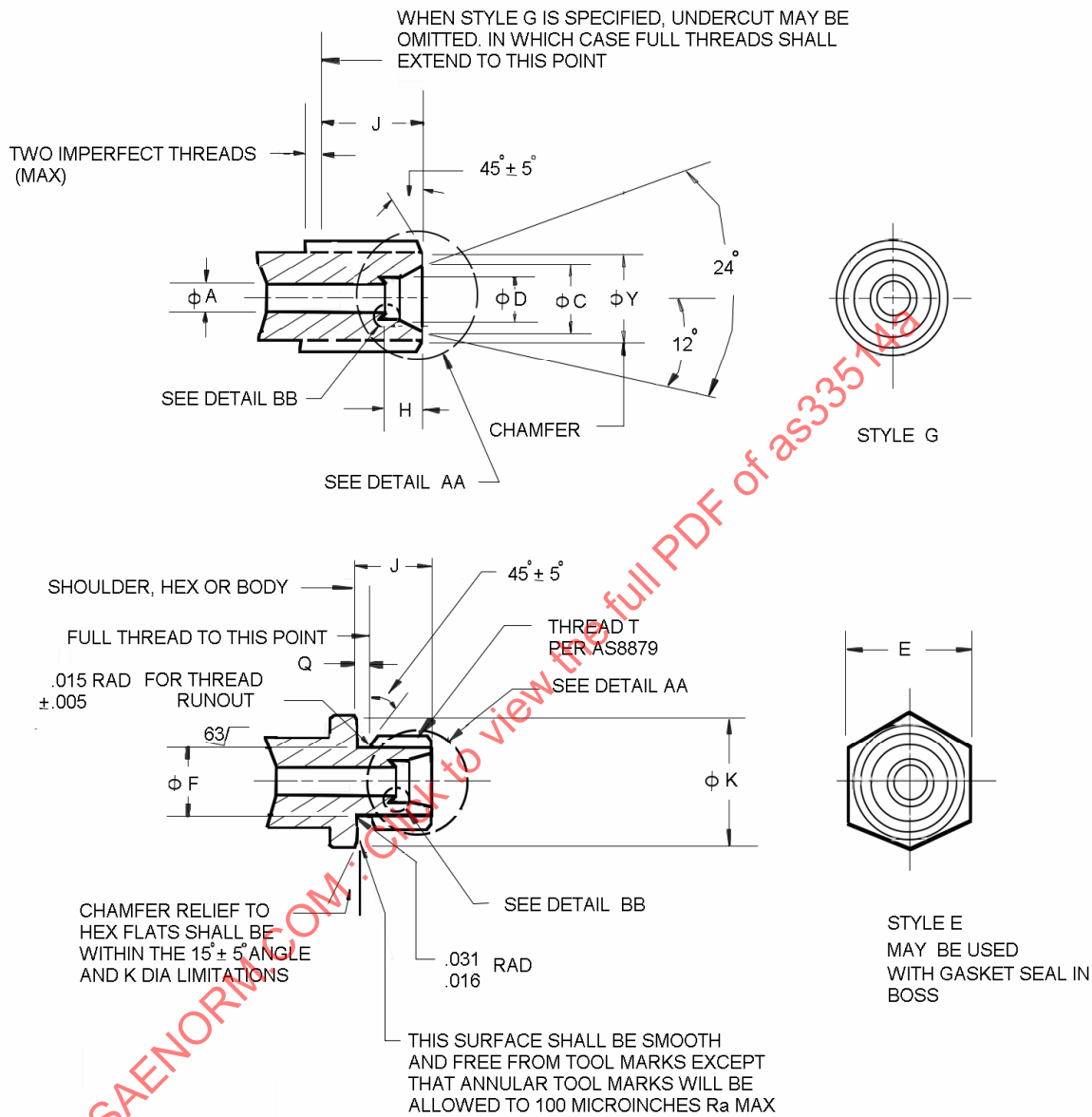
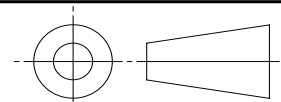


FIGURE 1 - STYLE E AND G

THIRD ANGLE PROJECTION



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: NONE

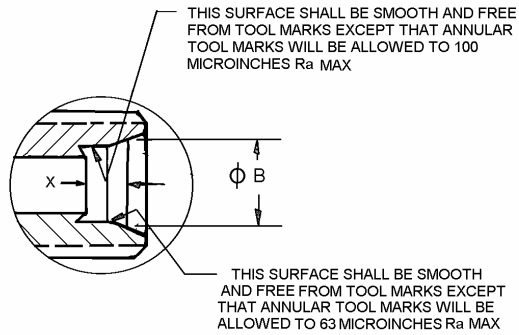
SAE Aerospace
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AEROSPACE STANDARD

(R) FITTING END, STANDARD DIMENSIONS FOR
FLARELESS TUBE CONNECTION AND
GASKET SEAL

AS33514
SHEET 1 OF 3

REV.
A



DETAIL AA ENLARGED

GAGING DIMENSIONS FOR CAVITIES

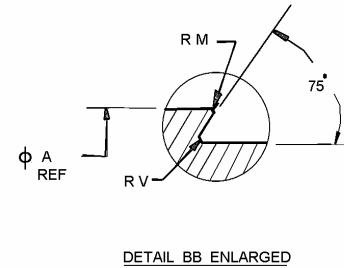


FIGURE 1 - DETAIL AA AND BB

TABLE 1 - DIMENSIONS DATA (A TO J)

SIZE NO.	TUBE OD	THREAD T AS8879	A ±.003	B GAGE	C REF.	D +.004 -.000	E	F +.002 -.003	H ±.003	J ±.010
2	.125	.3125-24 UNJF-3A	.093	.163	.189	.135	.563	.250	.188	.375
3	.188	.3750-24 UNJF-3A	.125	.234	.267	.196	.625	.312	.234	.422
4	.250	.4375-20 UNJF-3A	.187	.293	.319	.261	.688	.364		.453
5	.313	.5000-20 UNJF-3A	.234	.356	.382	.324	.750	.426	.250	.469
6	.375	.5625-18 UNJF-3A	.297	.416	.441	.386	.813	.481		.562
8	.500	.7500-16 UNJF-3A	.422	.560	.601	.514	1.000	.660	.305	.625
10	.625	.8750-14 UNJF-3A	.500	.686	.727	.641	1.125	.773	.350	.688
12	.750	1.0625-12 UNJ-3A	.656	.810	.852	.766	1.375	.945		
16	1.000	1.3125-12 UNJ-3A	.875	1.062	1.102	1.016	1.625	1.195	.415	
20	1.250	1.6250-12 UNJ-3A	1.093	1.316	1.355	1.270	1.875	1.507		
24	1.500	1.8750-12 UNJ-3A	1.344	1.565	1.604	1.520	2.125	1.756	.485	
32	2.000	2.5000-12 UNJ-3A	1.813	2.068	2.108	2.022	2.750	2.381		

TABLE 1 - DIMENSIONS DATA (K TO Y)

SIZE NO.	TUBE OD	K ±.010 DIA	M MAX RAD	Q +.015 -.000	V RAD		W MAX	X ±.005	Y ±.010
					MAX	MIN			
2	.125	.549	.005	.063	.010	.005	.002	.128	.250
3	.188	.611						.158	.310
4	.250	.674						.174	.365
5	.313	.736						.190	.425
6	.375	.799	.010	.083	.015	.010		.193	.480
8	.500	.986						.210	.660
10	.625	1.111						.255	.775
12	.750	1.361						.253	.945
16	1.000	1.599	.015	.125	.030	.020	.003	.322	1.195
20	1.250	1.849						.325	1.505
24	1.500	2.095						.390	1.755
32	2.000	2.720						.395	2.380