

RATIONALE

THIS STANDARD IS REVISED TO CORRECT THREAD RUN OUT RADIUS ERROR AND ADD INACTIVATION NOTE /4/.

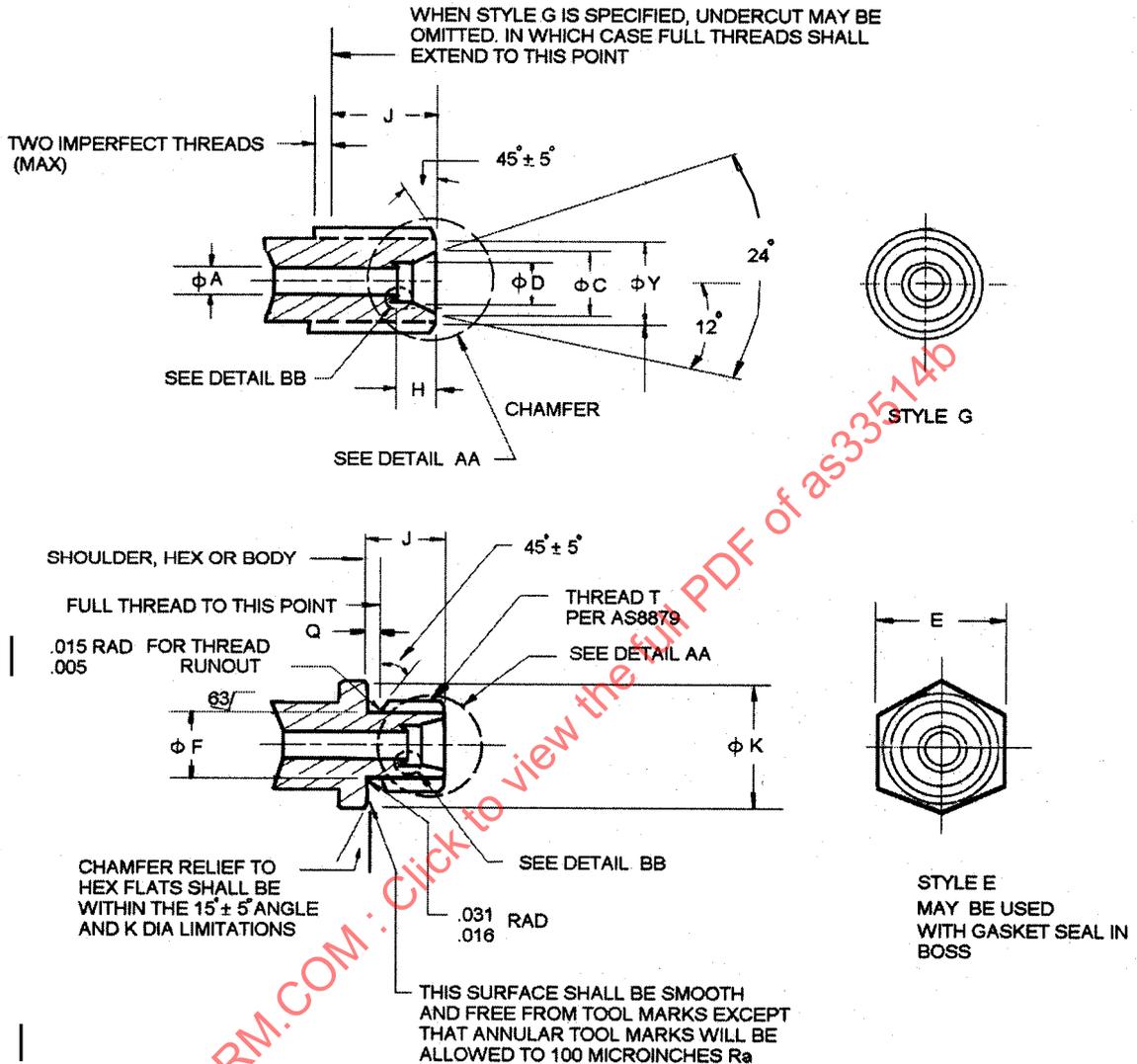
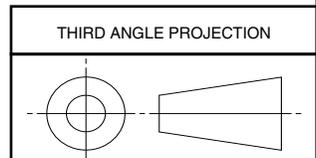


FIGURE 1 - STYLE E AND G

INACTIVE FOR NEW DESIGN /4/



CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: NONE

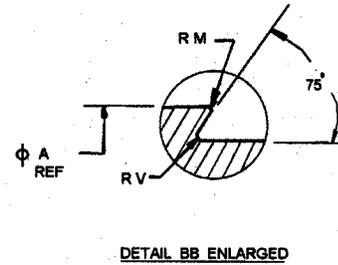
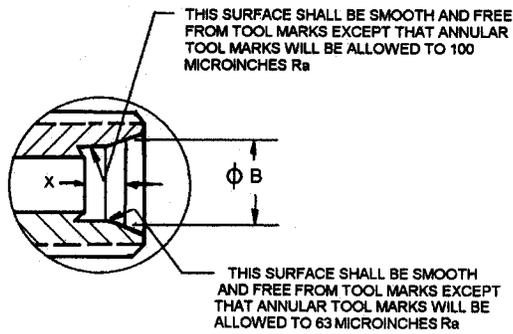
**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

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

**SAE AS33514B**  
SHEET 1 OF 3

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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	
6	.375	.5625-18 UNJF-3A	.297	.416	.441	.386	.813	.481		.469
8	.500	.7500-16 UNJF-3A	.422	.560	.601	.514	1.000	.660	.305	.562
10	.625	.8750-14 UNJF-3A	.500	.686	.727	.641	1.125	.773	.350	.625
12	.750	1.0625-12 UNJ-3A	.656	.810	.852	.766	1.375	.945		.688
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	.010	.075	.015	.010	.190	.425	
6	.375	.799					.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	.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	