

AS33514

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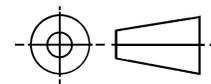
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THIRD ANGLE PROJECTION



ISSUED 1998-08 REAFFIRMED 2007-01

PREPARED BY COMMITTEE G-3



**AEROSPACE STANDARD**

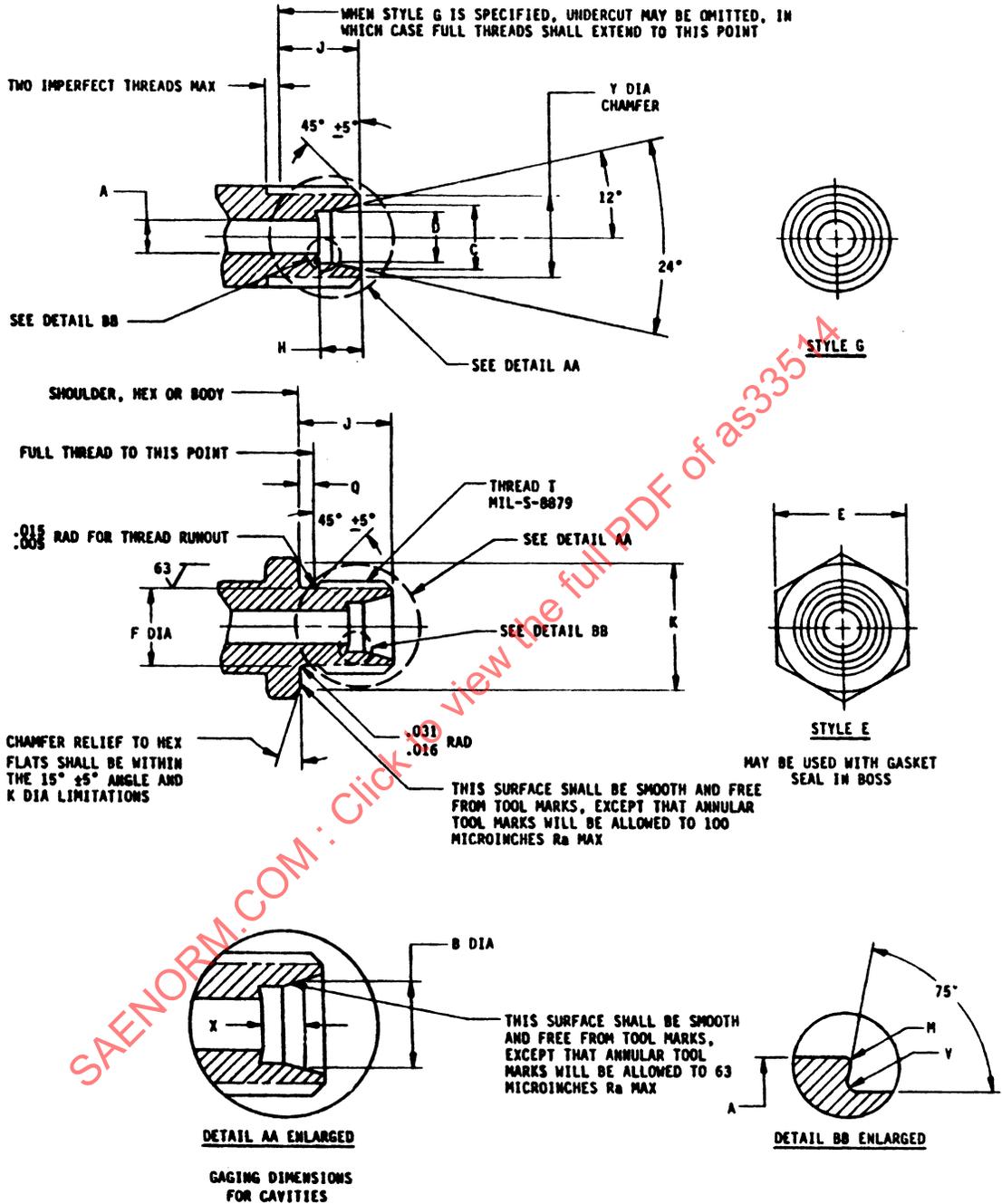
FITTING END, STANDARD DIMENSIONS FOR  
FLARELESS TUBE CONNECTION AND  
GASKET SEAL

**AS33514**  
SHEET 1 OF 4

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TABLE I. DIMENSIONS DATA

SIZE NO.	TUBE OD	THREAD T MIL-S-8879	A ±.003	B GAGE	C REF	D +.004 -.000	E	F +.002 -.003	H ±.003	J ±.010	K ±.010 DIA	M MAX RAD
2	.125	.3125-24 UNJF-3A	.093	.1630	.189	.135	.563	.250	.188	.375	.549	.005
3	.188	.3750-24 UNJF-3A	.125	.2340	.267	.196	.625	.312	.234	.422	.611	
4	.250	.4375-20 UNJF-3A	.187	.2930	.319	.261	.688	.364		.453	.674	
5	.313	.5000-20 UNJF-3A	.234	.3560	.382	.324	.750	.426	.250	.469	.799	.010
6	.375	.5625-18 UNJF-3A	.297	.4160	.441	.386	.813	.481				
8	.500	.7500-16 UNJF-3A	.422	.5600	.601	.514	1.000	.660	.305	.562	.986	
10	.625	.8750-14 UNJF-3A	.500	.6860	.727	.641	1.125	.773	.350	.625	1.111	.015
12	.750	1.0625-12 UNJ -3A	.656	.8100	.852	.766	1.375	.945				
16	1.000	1.3125-12 UNJ -3A	.875	1.0620	1.102	1.016	1.625	1.195	.415	.688	1.599	
20	1.250	1.6250-12 UNJ -3A	1.093	1.3160	1.355	1.270	1.875	1.507			1.849	
24	1.500	1.8750-12 UNJ -3A	1.344	1.5650	1.604	1.520	2.125	1.756	.485		2.095	
32	2.000	2.5000-12 UNJ -3A	1.813	2.0680	2.108	2.022	2.750	2.381			2.720	

SIZE NO.	O +.015 -.000	Y RAD		W MAX	X ±.005	Y ±.010
		MAX	MIN			
2	.063	.010	.005	.002	.128	.250
3		.015	.010		.158	.310
4					.174	.365
5	.190				.425	
6	.193				.480	
8	.210				.660	
10	.255			.775		
12	.125	.030	.020	.003	.253	.945
16					.322	1.195
20					.325	1.505
24	.030	.020	.003	.390	1.755	
32				.395	2.380	