

SAE AS4395

ADOPTION NOTICE

SAE AS4395, "Fitting End - Flared Tube Connection, Design Standard, was adopted on 15 February 1995 for use by the Department of Defense(DoD). Proposed changes by DoD activities must be submitted to the DoD Adopting Activity: SA-ALC/TILDD, 307 Tinker Drive, Kelly AFB, TX 78241-5916. DoD activities may obtain copies of this standard from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. The private sector and other Government agencies may purchase copies from the Society of Automotive Engineers, Inc., 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AS4395 should be used instead of MS33656, which was cancelled on 18 October 1993.

Custodian:  
Air Force - 99  
Army - AR  
Navy - AS

Adopting Activity:  
Air Force - 82

(Project 4730-0407)

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AS4395

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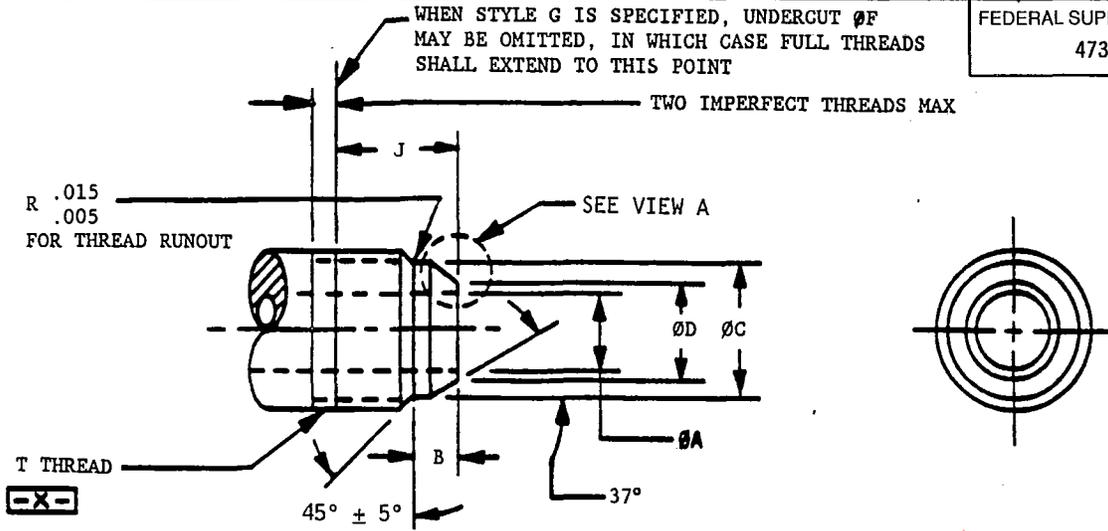


FIGURE 1 - FITTING END - STYLE G

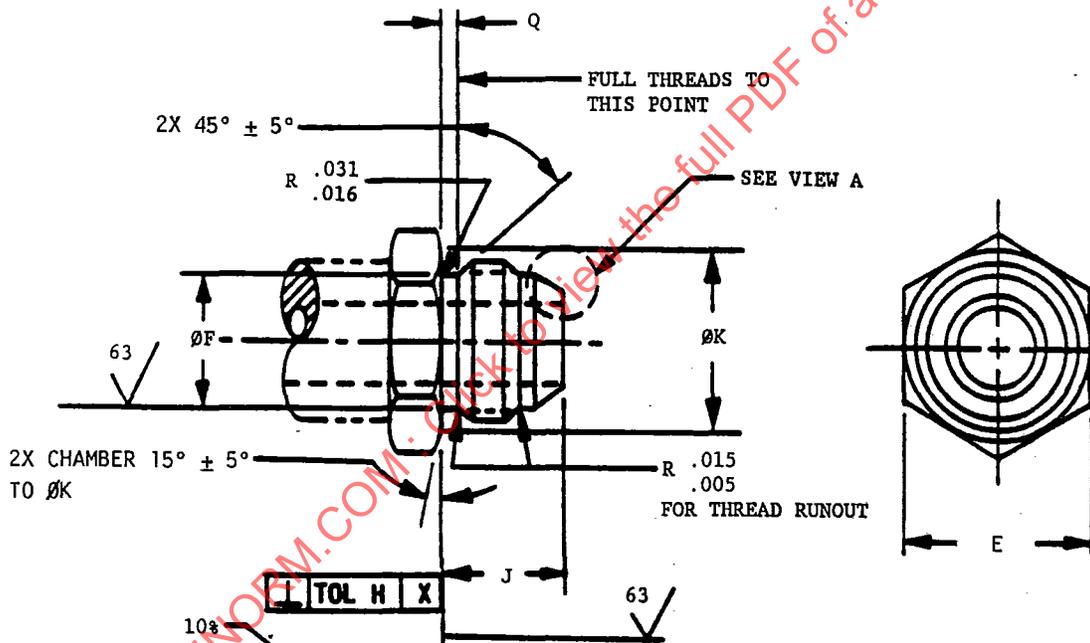


FIGURE 2 - FITTING END - STYLE E

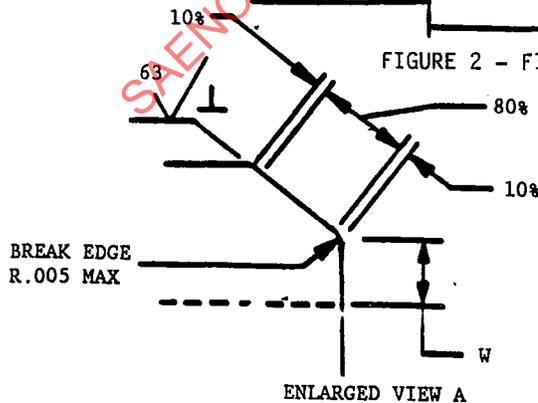
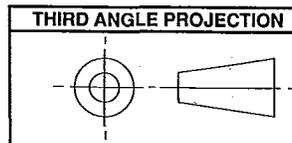


FIGURE 3 - ENLARGED VIEW A



ISSUED 1991-10-18 REVISED

CUSTODIAN: SAE G-3/G-3B

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**AEROSPACE STANDARD**

FITTING END - FLARED  
TUBE CONNECTION,  
DESIGN STANDARD

**AS4395**

SHEET 1 OF 3

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TABLE 1 - DIMENSIONS

SIZE	TUBING	NO.	OD	T THREAD		A	B	C	D	E	F		H	J	K	Q	W
				MIL-S-8879							MAX	MIN					
02	0.125	0.3125-24UNJF-3A	0.065 - 0.058	0.177	0.245	0.083	0.566 - 0.559	0.250	0.005	0.448	0.005	0.005	0.005	0.448	0.549	0.063	0.005
03	0.188	0.3750-24UNJF-3A	0.128 - 0.121	0.177	0.307	0.146	0.628 - 0.621	0.312	0.005	0.479	0.005	0.005	0.005	0.479	0.611	0.063	0.005
04	0.250	0.4375-20UNJF-3A	0.175 - 0.168	0.193	0.359	0.193	0.691 - 0.684	0.364	0.005	0.550	0.005	0.005	0.005	0.550	0.674	0.075	0.005
05	0.312	0.5000-20UNJF-3A	0.237 - 0.230	0.193	0.421	0.255	0.753 - 0.746	0.426	0.005	0.550	0.005	0.005	0.005	0.550	0.736	0.075	0.005
06	0.375	0.5625-18UNJF-3A	0.301 - 0.293	0.198	0.476	0.318	0.816 - 0.809	0.481	0.005	0.556	0.005	0.005	0.005	0.556	0.799	0.083	0.005
08	0.500	0.7500-16UNJF-3A	0.395 - 0.387	0.253	0.654	0.426	1.003 - 0.996	0.660	0.005	0.657	0.005	0.005	0.005	0.657	0.986	0.094	0.012
10	0.625	0.8750-14UNJF-3A	0.488 - 0.480	0.266	0.767	0.539	1.128 - 1.121	0.773	0.005	0.758	0.005	0.005	0.005	0.758	1.111	0.107	0.022
12	0.750	1.0625-12UNJ-3A	0.614 - 0.604	0.315	0.938	0.664	1.378 - 1.371	0.945	0.008	0.864	0.008	0.008	0.008	0.864	1.361	0.125	0.022
16	1.000	1.3125-12UNJ-3A	0.851 - 0.839	0.315	1.188	0.913	1.641 - 1.609	1.195	0.008	0.911	0.008	0.008	0.008	0.911	1.599	0.125	0.029
20	1.250	1.6250-12UNJ-3A	1.086 - 1.073	0.367	1.501	1.147	1.891 - 1.859	1.507	0.008	0.958	0.008	0.008	0.008	0.958	1.849	0.125	0.029
24	1.500	1.8750-12UNJ-3A	1.320 - 1.307	0.378	1.750	1.381	2.145 - 2.105	1.756	0.008	1.083	0.008	0.008	0.008	1.083	2.095	0.125	0.029
28	1.750	2.2500-12UNJ-3A	1.557 - 1.542	0.451	2.125	1.646	2.520 - 2.480	2.131	0.008	1.208	0.008	0.008	0.008	1.208	2.468	0.125	0.044
32	2.000	2.5000-12UNJ-3A	1.791 - 1.776	0.461	2.375	1.880	2.770 - 2.730	2.381	0.008	1.333	0.008	0.008	0.008	1.333	2.718	0.125	0.044
40	2.500	3.0000-12UNJ-3A	2.291 - 2.276	0.395	2.882	2.380	3.270 - 3.230	2.881	0.008	1.109	0.008	0.008	0.008	1.109	3.218	0.125	0.044
48	3.000	3.5000-12UNJ-3A	2.791 - 2.776	0.395	3.382	2.880	3.770 - 3.730	3.381	0.008	1.187	0.008	0.008	0.008	1.187	3.718	0.125	0.044

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