



AEROSPACE STANDARD

Society of Automotive Engineers, Inc.
400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15098

AS 1098

Issued 1-15-76
Revised

FITTING END STANDARD DIMENSIONS, 37 DEGREE FLARED TUBE CONNECTION FOR SEAL RING

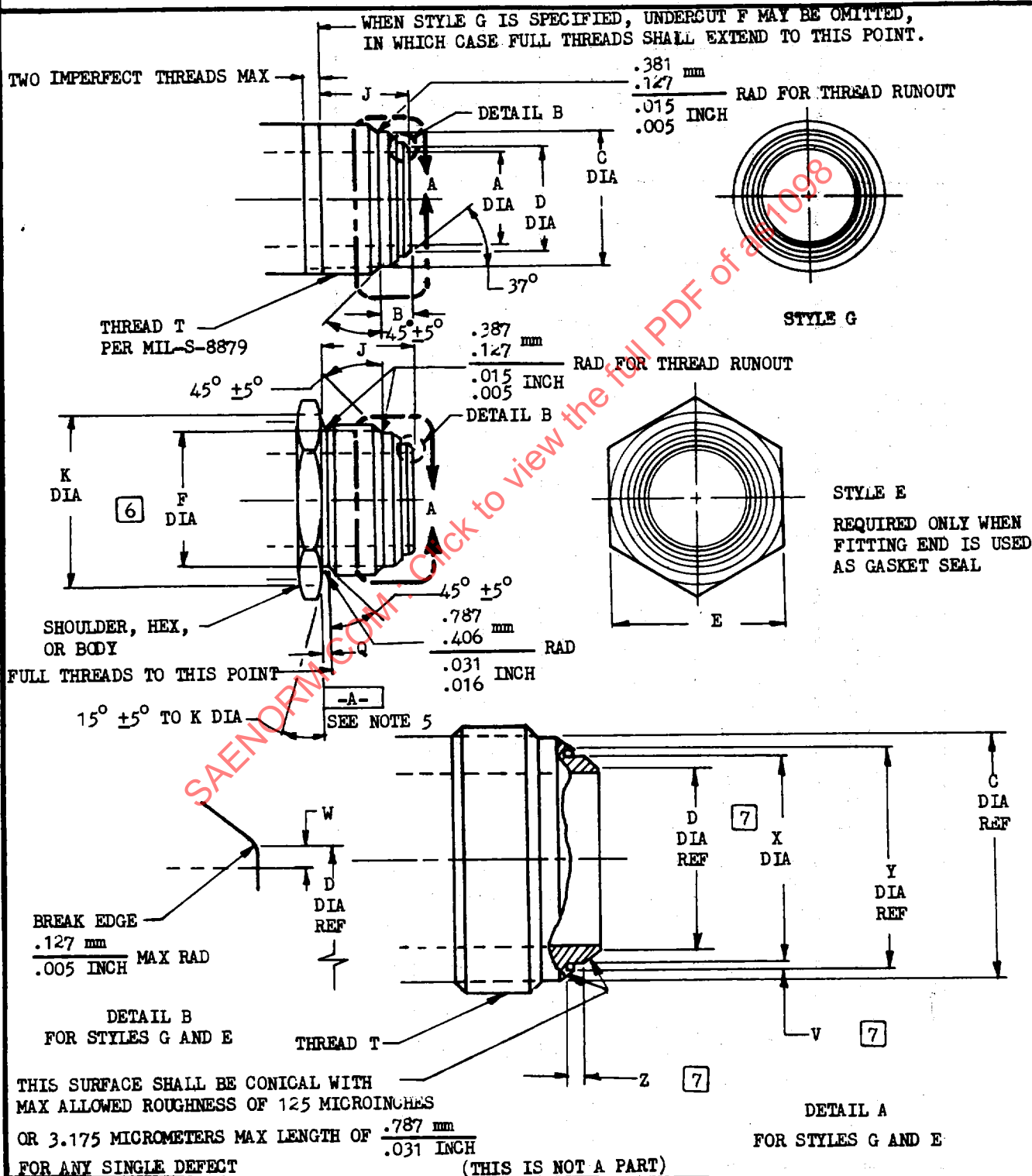


TABLE I
(INCHES)

DASH NO.	TUBING OD	THREAD T	A DIA	B +.015 -.000	C +.000 -.005 DIA	D DIA REF	E	F 6 +.002 -.003	J ±.015	K DIA	Q +.015 -.000	V ±.001	W MIN	X ±.002	Y (REF)	Z ±.001
4	1/4	.4375-20 UNJF-3A	.172 +.003 -.004	.193	.359	.193	.688 +.003 -.004	.364	.550	.684 +.003 -.004	.075	.020	.005	.220	.260	.053
6	3/8	.5625-18 UNJF-3A	.297 ±.004	.198	.476	.318	.813	.481	.556	.809 +.003 -.004	.083	.032	.005	.336	.400	.068
8	1/2	.7500-16 UNJF-3A	.391 ±.004	.253	.654	.426	1.000	.660	.657	.996 +.003 -.004	.094	.032	.012	.450	.514	.068
10	5/8	.8750-14 UNJF-3A	.484 ±.004	.266	.767	.539	1.125	.773	.758	1.121 +.003 -.004	.107	.032	.022	.560	.624	.068
12	3/4	1.0625-12 UNJ -3A	.609 ±.005	.315	.938	.664	1.375 +.003 -.004	.945	.864	1.371 +.003 -.004	.125	.032	.022	.685	.750	.068
16	1	1.3125-12 UNJ -3A	.844 ±.007 -.005	.315	1.188	.913	1.625 +.003 -.004	1.195	.911	1.609 +.003 -.004	.125	.032	.029	.968	1.032	.068
20	1-1/4	1.6250-12 UNJ -3A	1.078 ±.008 -.005	.367	1.501	1.147	1.875 +.003 -.004	1.507	.958	1.859 +.003 -.004	.125	.040	.029	1.200	1.280	.071
24	1-1/2	1.8750-12 UNJ -3A	1.312 ±.008 -.005	.378	1.750	1.381	2.125 +.003 -.004	1.756	1.083	2.105 +.003 -.004	.125	.040	.029	1.450	1.530	.071

TABLE II
(MILLIMETERS, EXCEPT THREAD T)

DASH	TUBING	THREAD T	A DIA	B + .381 - .000	C + .000 - .127 DIA	D DIA REF	E	F + .051 - .076	J ± .381	K DIA	Q + .381 - .000	V ± .025	W MIN	X ± .051	Y (REF)	Z ± .025
								6								
4	6.350	.4375-20 UNJF-3A	4.369 + .076 - .102	4.902	9.119	4.902	17.475 + .076 - .102	9.246	13.970	17.374 15.621	1.905	.508	.127	5.588	6.604	1.346
6	9.525	.5625-18 UNJF-3A	7.554 ± .102	5.023	12.090	8.077	20.650	12.217	14.122	20.549 18.796	2.108	.813	.127	8.534	10.160	1.727
8	12.700	.7500-16 UNJF-3A	9.931 ± .102	6.426	16.612	10.820	25.400	16.674	16.688	25.298 23.546	2.388		.305	11.430	13.056	
10	15.875	.8750-14 UNJF-3A	12.294 ± .102	6.756	19.482	13.691	28.575	19.634	19.253	28.473 26.721	2.718		.559	14.224	15.850	
12	19.050	1.0625-12 UNJ -3A	15.469 ± .127	8.001	23.825	16.866	34.925 + .076 - .102	24.003	21.946	34.823 32.106	3.175		.559	17.399	19.050	1.727
16	25.400	1.3125-12 UNJ -3A	21.438 + .178 - .127	8.001	30.175	23.190	41.275 + .406	30.353	23.139	40.869 38.456	3.175	.813	.737	24.587	26.213	1.803
20	31.750	1.6250-12 UNJ -3A	27.381 + .203 - .127	9.322	38.125	29.134	47.625 + .406	38.278	24.333	47.219 46.457	3.175	1.016	.737	30.480	32.512	1.803
24	38.100	1.870-12 UNJ -3A	33.325 + .203 - .127	9.601	44.450	35.077	53.975 + .508	44.602	27.508	53.467 52.908	3.175	1.016	.737	36.830	38.862	1.803

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