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TABLE 1 - DIMENSIONS DATA (A TO J)

SIZE NO.	TUBE OD	THREAD T AS8879	A ±.003	B ±.0001 GAGE	C REF	D +.004 −.000	E		F +.000 −.003 /10/	G +.000 −.005	H ±.003	J	
												MAX	MIN
2	.125	.3125-24 UNJF-3A	.093	.163	.189	.135	.563	+ .003 − .004	.250	.245	.188	.3125	.3053
3	.188	.3750-24 UNJF-3A	.125	.234	.267	.196	.625		.312	.307	.234	.3750	.3678
4	.250	.4375-20 UNJF-3A	.187	.293	.319	.261	.688		.364	.359	.234	.4375	.4294
5	.313	.5000-20 UNJF-3A	.234	.356	.382	.324	.750		.426	.421	.250	.5000	.4919
6	.375	.5625-18 UNJF-3A	.297	.416	.441	.386	.813		.481	.476	.250	.5625	.5538
8	.500	.7500-16 UNJF-3A	.422	.560	.601	.514	1.000		.660	.654	.305	.7500	.7406
10	.625	.8750-14 UNJF-3A	.500	.686	.727	.641	1.125		.773	.767	.350	.8750	.8647
12	.750	1.0625-12 UNJ-3A	.656	.810	.852	.766	1.375		.945	.938	.350	1.0625	1.0511
16	1.000	1.3125-12 UNJ-3A	.875	1.062	1.102	1.016	1.625		1.195	1.188	.415	1.3125	1.3011
20	1.250	1.6250-12 UNJ-3A	1.093	1.316	1.355	1.270	1.875		1.507	1.501	.415	1.6250	1.6136
24	1.500	1.8750-12 UNJ-3A	1.344	1.565	1.604	1.520	2.125	±.016 ±.020	1.756	1.750	.485	1.8750	1.8636
32	2.000	2.5000-12 UNJ-3A	1.813	2.068	2.108	2.022	2.750		2.381	2.375	.485	2.5000	2.4886

TABLE 1 - DIMENSIONS DATA (K TO Y)

SIZE NO.	TUBE OD	K	L	M MAX RAD	N +.010 −.000	P ±.005	Q MAX	R ±.030	S ±.031 DIA	V RAD		W MAX	X ±.005	Y ±.010			
										MAX	MIN						
2	.125	.828	.094	.005	.125	.290	.078	.110	.438	.010	.005	.005	.128	.250			
3	.188	.875			.131	.340			.500				.158	.310			
4	.250	.938			.140	.355			.090				.120	.562	.625	.174	.365
5	.313																
6	.375	.984	.125	.010	.156	.365	.098	.140	.688	.015	.010	.005	.193	.480			
8	.500	1.125			.187	.445	.109	.160	.875				.210	.660			
10	.625	1.266			.219	.495	.122	.170	1.000				.255	.775			
12	.750	1.375			.015	.234	.545	.140	.190				1.187	.025	.020	.008	.253
16	1.000			1.438						.322	1.195						
20	1.250			1.750						.325	1.505						
24	1.500			2.000						.390	1.755						
32	2.000	1.578							2.625				.395	2.380			

NOTES:

1. CONCENTRICITY: D, C, AND T (PITCH DIAMETER) SHALL BE CONCENTRIC TO EACH OTHER WITHIN .008 TOTAL INDICATOR READING (TIR). F AND T (PITCH DIAMETER) SHALL BE CONCENTRIC TO EACH OTHER WITHIN .005 TIR.
2. THREAD AND FACE OF HEX SHALL BE SQUARE WITHIN W WHEN MEASURED AT DIAMETER E.
3. SURFACE ROUGHNESS SHALL BE IN ACCORDANCE WITH ASME B46.1.
4. ON STYLE S FITTING END, THE L DIMENSION PROVIDES FOR A WASHER TO FORM BACKING FACE AGAINST BULKHEAD AND A .031 INCH LAND FOR POSITIONING IN BULKHEAD. ON STYLE E FITTING END NO WASHER IS REQUIRED.
5. CERTAIN PROVISIONS (SCREW THREADS, HEXAGON SIZE AND UNDERCUT DIMENSIONS) OF THIS STANDARD ARE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASSC AIR STANDARD 25/6. WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES IF REQUIRED.
- /6/ THIS STANDARD IS INACTIVE FOR NEW DESIGN EFFECTIVE JULY 2008. FOR NEW DESIGN, USE AS4377, "FITTING END, BULKHEAD, FLARELESS, DESIGN STANDARD" OR AS5864, "FITTING END, BULKHEAD, 24° CONE, FLARELESS, FLUID CONNECTION, DESIGN STANDARD". REMOVE ALL BURRS, SLIVERS, AND SHARP EDGES.
7. REMOVE ALL BURRS, SLIVERS AND SHARP EDGES.

	AEROSPACE STANDARD	AS33515 SHEET 2 OF 3	REV. D
	FITTING END, STANDARD DIMENSIONS FOR BULKHEAD FLARELESS TUBE CONNECTIONS		