

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS5178 /14/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3B	A	B ±.010	C	H	W	LB/100 APPROX REF AL	LB/100 APPROX REF STEEL	LB/100 APPROX REF TI	
02	.125	.3125-24 UNJF	.219	.542	.312	.552-	.565	.005	.459	1.27	.726
03	.188	.3750-24 UNJF	.219	.605	.375	.615-	.628	.005	.530	1.47	.839
04	.250	.4375-20 UNJF	.250	.668	.438	.678-	.691	.005	.699	1.94	1.11
05	.312	.5000-20 UNJF	.250	.730	.500	.740-	.753	.005	.785	2.18	1.24
06	.375	.5625-18 UNJF	.266	.793	.562	.803-	.816	.005	.936	2.60	1.49
08	.500	.7500-16 UNJF	.312	.980	.750	.990-1.003		.005	1.46	4.05	2.31
10	.625	.8750-14 UNJF	.359	1.103	.875	1.113-1.128		.005	1.99	5.51	3.15
12	.750	1.0625-12 UNJ	.406	1.352	1.062	1.362-1.380		.008	3.39	9.36	5.36
16	1.000	1.3125-12 UNJ	.406	1.603	1.312	1.613-1.630		.008	4.21	11.7	6.68
20	1.250	1.6250-12 UNJ	.406	1.916	1.625	1.926-1.943		.008	5.31	14.8	8.42
24	1.500	1.8750-12 UNJ	.406	2.162	1.875	2.172-2.198		.008	6.23	17.3	9.90
28	1.750	2.2500-12 UNJ	.406	2.536	2.250	2.546-2.572		.008	7.69	21.3	12.2
32	2.000	2.5000-12 UNJ	.406	2.787	2.500	2.797-2.823		.008	8.70	24.1	13.8
40	2.500	3.0000-12 UNJ	.406	3.286	3.000	3.296-3.322		.008	10.8	30.1	17.2
48	3.000	3.5000-12 UNJ	.406	3.786	3.500	3.796-3.822		.008	13.1	36.5	20.9

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

/1/ MATERIAL:

- DASH AS CODE LETTER: TYPE 4130 CARBON STEEL BAR PER AMS6370 OR TYPE 4140 PER AMS6382 /2/.
- CODE LETTER D: TYPE 2024-T6 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6 OR AMS4339 OR TYPE 2024-T851 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/6 /2/.
- CODE LETTER J: TYPE 304 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5639.
- CODE LETTER K: TYPE 316 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5648.
- CODE LETTER R: TYPE 321 CORROSION RESISTANT STEEL BAR PER AMS-QQ-S-763 OR AMS5645.
- CODE LETTER T: TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928.
- CODE LETTER W: TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124 /2/.

/2/ HEAT TREATMENT:

- DASH AS CODE LETTER: SEE HARDNESS REQUIREMENT PER PROCUREMENT SPECIFICATION.
- MATERIAL CODE LETTERS D AND W: SEE ELECTRICAL CONDUCTIVITY AND HARDNESS REQUIREMENT PER PROCUREMENT SPECIFICATION.
- OTHER MATERIAL CODE LETTERS: NONE.

	AEROSPACE STANDARD	AS5178™	REV.
	NUT, FITTING, BULKHEAD	SHEET 1 OF 1 	



Document Sharing Hub