

AS5178

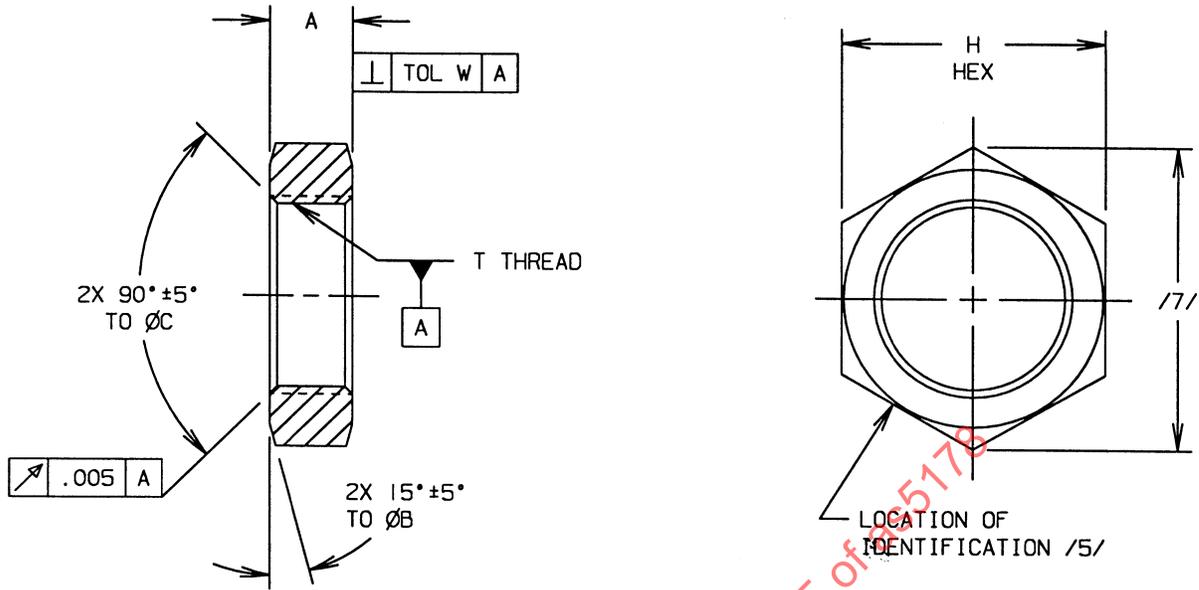
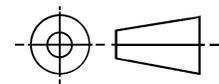


FIGURE 1 - FITTING, NUT

TABLE 1 - DIMENSIONS AND WEIGHTS

BASIC NO. AS5178 /13/ SIZE CODE	(NOMINAL TUBE SIZE)	T THREAD PER AS8879 CLASS 3B	A		B $\pm .010$	C	H	W	LB/100	LB/100	LB/100
			A	B					APPROX REF AL	APPROX REF STEEL	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	

THIRD ANGLE PROJECTION



ISSUED 1999-01

CUSTODIAN: SAE G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ AS4841

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

NUT, FITTING, BULKHEAD

AS5178
SHEET 1 OF 2

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.