

REV.
A

AS5206

RATIONALE

AS5206A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

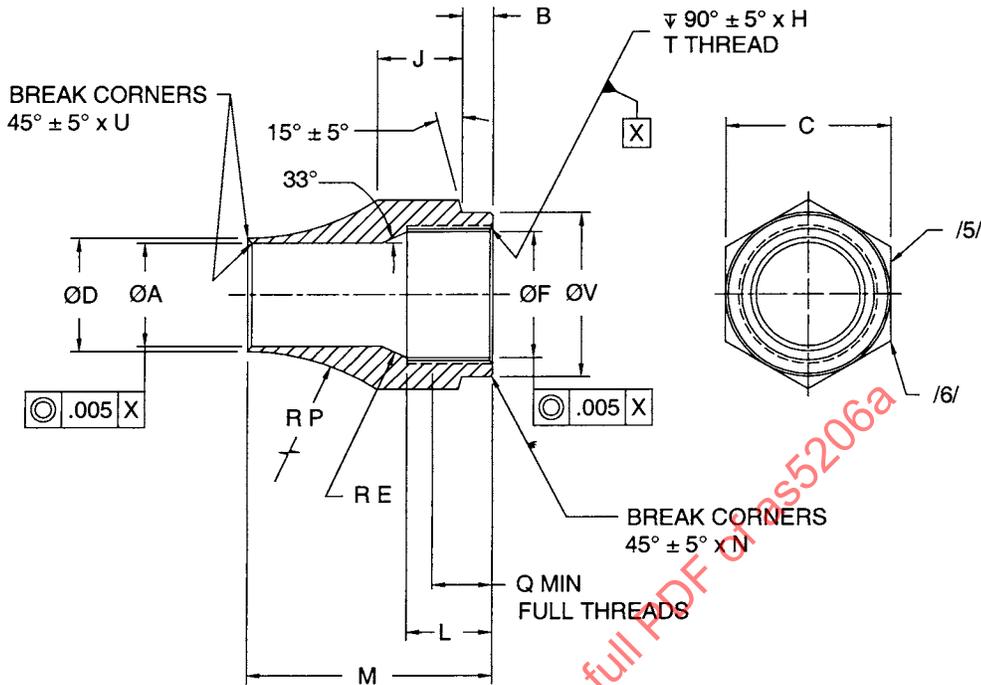


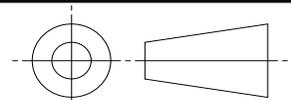
FIGURE 1 - NUT

TABLE 1A - DIMENSIONS A-F

BASIC NO. AS5206 /13/ SIZE CODE	NOMINAL TUBE SIZE	T THREAD PER AS8879	A +.003 -.000	B	C	D +.005 -.000	E	F
02	.125	.3125-24 UNJF-3B	.130	.093	.371-.378	.183	.031	.267-.274
03	.187	.3750-24 UNJF-3B	.193	.093	.434-.441	.246	.031	.330-.336
04	.250	.4375-20 UNJF-3B	.255	.093	.559-.566	.308	.031	.383-.391
05	.312	.5000-20 UNJF-3B	.318	.093	.621-.628	.371	.031	.446-.453
06	.375	.5625-18 UNJF-3B	.380	.093	.684-.691	.433	.046	.502-.510
08	.500	.7500-16 UNJF-3B	.505	.125	.871-.878	.558	.062	.682-.690
10	.625	.8750-14 UNJF-3B	.631	.187	.996-1.003	.694	.062	.798-.806
12	.750	1.0625-12 UNJ-3B	.756	.187	1.246-1.253	.829	.078	.972-.981
16	1.000	1.3125-12 UNJ-3B	1.006	.187	1.496-1.503	1.099	.093	1.222-1.231
20	1.250	1.6250-12 UNJ-3B	1.260	.250	1.984-2.016	1.353	.093	1.535-1.544
24	1.500	1.8750-12 UNJ-3B	1.510	.250	2.230-2.270	1.603	.109	1.785-1.794
28	1.750	2.2500-12 UNJ-3B	1.762	.281	2.605-2.645	1.875	.109	2.160-2.169
32	2.000	2.5000-12 UNJ-3B	2.014	.312	2.855-2.895	2.127	.109	2.410-2.419

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS5206A>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: /4/ AS4841



AEROSPACE STANDARD

NUT, FLARED, LONG

AS5206
SHEET 1 OF 3

REV.
A

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TABLE 1B - DIMENSIONS H-V

BASIC NO. AS5206 SIZE CODE	H	J	L	M	N	P	Q	U	V +.000 -.010
02	.312	.250	.282	.843	.010	1.343	.220	.005	.375
03	.375	.265	.312	.937	.010	1.781	.251	.005	.437
04	.437	.328	.375	1.000	.010	1.375	.300	.005	.562
05	.500	.328	.375	1.062	.010	1.671	.300	.005	.625
06	.562	.343	.385	1.093	.010	1.734	.302	.010	.687
08	.750	.453	.437	1.281	.010	1.625	.344	.010	.875
10	.875	.515	.521	1.484	.010	2.062	.414	.010	1.000
12	1.062	.640	.594	1.656	.010	1.734	.469	.010	1.250
16	1.312	.734	.625	1.937	.010	2.687	.500	.010	1.500
20	1.625	.734	.625	2.187	.010	2.406	.500	.010	2.000
24	1.875	.828	.708	2.312	.010	2.515	.583	.010	2.250
28	2.250	.859	.792	2.500	.015	2.656	.667	.015	2.625
32	2.500	.921	.875	2.750	.015	3.031	.750	.015	2.875

NOTES:

/1/ MATERIAL:

- a. DASH AS CODE LETTER - TYPE 4130 PER AMS 6370 OR TYPE 4140 PER AMS 6382. /2/
- b. CODE LETTER J - TYPE 304 CORROSION RESISTANT STEEL BAR PER AMS 5639 OR AMS-QQ-S-763.
- c. CODE LETTER K - TYPE 316 CORROSION RESISTANT STEEL BAR PER AMS 5648 OR AMS-QQ-S-763.
- d. CODE LETTER R - TYPE 321 CORROSION RESISTANT STEEL BAR PER AMS 5645 OR AMS-QQ-S-763.
- e. CODE LETTER T - TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS 4928.
- f. CODE LETTER W - TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS 4124.

/2/ HEAT TREATMENT:

- a. DASH AS CODE LETTER - SEE HARDNESS REQUIREMENT PER PROCUREMENT SPECIFICATION.
- b. OTHER CODE LETTERS - NONE.

3. FINISH:

- a. DASH AS CODE LETTER - CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2, DYE BLACK AND COAT WITH A LIGHT FILM OF OIL PER PROCUREMENT SPECIFICATION.
- b. MATERIAL CODE LETTERS J, K, AND R - PASSIVATE PER AMS-QQ-P-35, TYPE VI OR VII.
- c. MATERIAL CODE LETTER T - ANODIZE PER AMS 2488 OR FLUORIDE PHOSPHATE CONVERSION COAT PER AMS 2486 WITH COLOR PER PROCUREMENT SPECIFICATION.
- d. MATERIAL CODE LETTER W - ANODIZE PER AMS 2472 OR MIL-A-8625, TYPE II, CLASS 2, DYE BROWN, DUPLEX SEAL PER PROCUREMENT SPECIFICATION.

/4/ PROCUREMENT SPECIFICATION: AS4841 EXCEPT AS SPECIFIED ON THIS STANDARD. USERS OF THIS STANDARD SHALL PROCURE THIS PRODUCT FROM ACCREDITED MANUFACTURER(S) OR ACCREDITED DISTRIBUTOR(S) AS LISTED IN THE PERFORMANCE REVIEW INSTITUTE (PRI) QUALIFIED MANUFACTURERS LIST (QML) FOR THIS TYPE PRODUCT.

/5/ IDENTIFICATION AT LOCATION SHOWN: MARK PER AS478 CLASS C OR D OR METHOD 7A3, 15A3, OR 15B.

- a. FOR SIZES 06 AND SMALLER: MANUFACTURER'S CAGE NUMBER OR TRADEMARK, LETTERS "AS" AND MATERIAL CODE LETTER.
- b. FOR SIZES 08 AND LARGER: MANUFACTURER'S CAGE NUMBER OR TRADEMARK, BASIC PART NUMBER, AND MATERIAL CODE LETTER.

/6/ THE HEX CORNERS MAY BE ROUNDED PER ARP1942.

7. INTERPRETATION OF DRAWING PER ARP4296.

	AEROSPACE STANDARD	AS5206 SHEET 2 OF 3	REV. A
	NUT, FLARED, LONG		