

FED. SUPPLY CLASS

5310

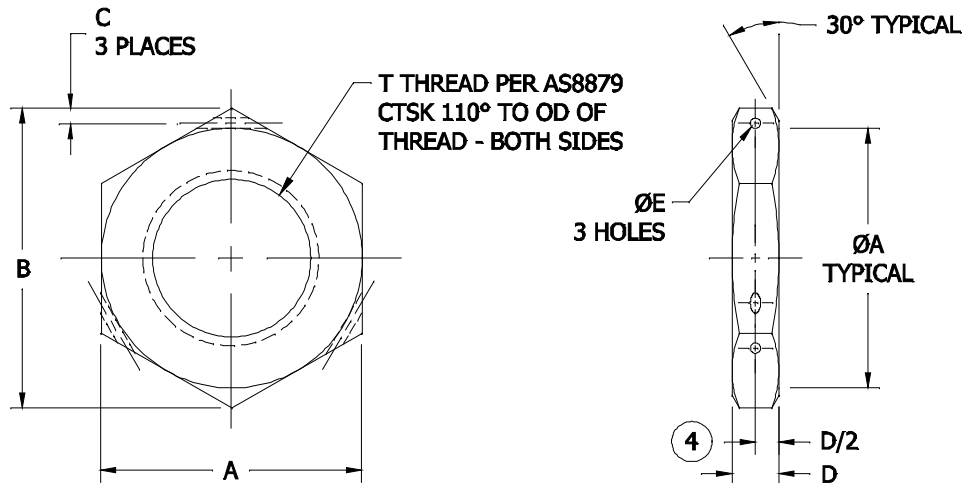


TABLE I – DIMENSIONS AND WEIGHTS

DASH NO.	T THREAD	ØA + .004 - .001	B MIN	C	D	ØE + .004 - .001	APPROX WEIGHT LBS/EA.
06	.1380-32 UNJC-3B	.313 +.002 -.010	.340	.048	.100	.035	.0010
08	.1640-32 UNJC-3B	.344 +.002 -.010	.376	.051	.112	.035	.0015
3	.1900-32 UNJF-3B	.375 +.002 -.010	.411	.053	.125	.035	.0020
4	.2500-28 UNJF-3B	.438 +.002 -.010	.484	.056	.125	.046	.0040
5	.3125-24 UNJF-3B	.500 +.002 -.010	.555	.058	.125	.046	.0048
6	.3750-24 UNJF-3B	.563 +.002 -.010	.628	.060	.125	.046	.0057
7	.4375-20 UNJF-3B	.625 +.002 -.010	.700	.063	.156	.046	.0082
8	.5000-20 UNJF-3B	.750 +.002 -.010	.844	.093	.156	.046	.0127
9	.5625-18 UNJF-3B	.875 +.002 -.012	.986	.093	.203	.046	.0235
10	.6250-18 UNJF-3B	1.000 +.002 -.014	1.128	.093	.203	.046	.0320
12	.7500-16 UNJF-3B	1.125 +.002 -.016	1.271	.125	.250	.070	.0461
14	.8750-14 UNJF-3B	1.313 +.002 -.017	1.486	.125	.250	.070	.0631
16	1.0000-12 UNJF-3B	1.500 +.002 -.019	1.700	.125	.250	.070	.0824
18	1.1250-12 UNJF-3B	1.625 +.002 -.020	1.843	.125	.265	.070	.102
20	1.2500-12 UNJF-3B	1.750 +.002 -.022	1.985	.125	.281	.070	.126

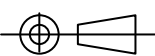
AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

REVISION DATE: MARCH 29, 2013

ISSUE DATE: APRIL 1965

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
4

PROCUREMENT
SPECIFICATION
FF-N-836
AS APPLICABLE

TITLE
**NUT, PLAIN, HEXAGON,
DRILLED JAM, THIN**

CLASSIFICATION
PART STANDARD

NAS1423
SHEET 1 OF 3



Document Sharing Hub

TABLE I – DIMENSIONS AND WEIGHTS (CONTINUED)

DASH NO.	T THREAD	ØA	B MIN	C	D	ØE +.004 -.001	APPROX WEIGHT LBS/EA.
22	1.3750-12 UNJF-3B	1.875 ^{+.002} -.024	2.127	.125	.312	.070	.138
24	1.5000-12 UNJF-3B	2.000 ^{+.002} -.025	2.270	.125	.312	.070	.150
26	1.6250-12 UNJF-3B	2.125 ^{+.002} -.027	2.414	.125	.312	.070	.162
28	1.7500-12 UNJF-3B	2.250 ^{+.002} -.028	2.556	.125	.358	.070	.198
30	1.8750-12 UNJF-3B	2.375 ^{+.002} -.030	2.698	.125	.358	.070	.213
32	2.0000-12 UNJF-3B	2.625 ^{+.002} -.030	2.986	.125	.375	.070	.300
34	2.1250-12 UNJF-3B	2.750 ^{+.002} -.031	3.130	.125	.406	.070	.319
36	2.2500-12 UNJF-3B	2.875 ^{+.002} -.032	3.273	.125	.406	.070	.365
40	2.5000-12 UNJF-3B	3.125 ^{+.002} -.032	3.561	.125	.406	.070	.411

MATERIAL:

ALLOY STEEL: 4130 (UNS G41300) PER MIL-S-6758, COND D-1, D-4 OR F-4 AMS6346, AMS6348, OR AMS6528; OR 4340 (UNS G43406) PER MIL-S-5000, COND C-1 OR C-4 AMS6415 OR AMS6484.
CRES: A286 (UNS S66286) PER AMS5525, AMS5732, OR AMS5737.

HEAT TREATMENT:

4130: 34-38 HRC (150 KSI MIN Ftu) PER AMS2759.
4340: NORMALIZE, HARDEN, AND TEMPER, 34-38 HRC (150 KSI MIN Ftu) PER AMS2759.
CRES: 150 KSI MIN Ftu PER AMS2759.

FINISH:

ALLOY STEEL: CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. PARTS ALREADY MADE WITH CLASS 3 PLATING MAY BE FURNISHED FROM SUPPLIERS' STOCK UNTIL 15 SEPT, 1974.
CRES: PASSIVATE PER AMS2700, METHOD 1, CLASS 4.

CODE:

DASH NUMBER DESIGNATES THREAD SIZE AS NOTED IN TABLE I.
SUFFIX "LH" TO DASH NUMBER FOR LEFT HAND THREAD.
LETTER "C" IN LIEU OF DASH INDICATES CRES MATERIAL.

EXAMPLES OF PART NUMBER:

NAS1423-4 = ALLOY STEEL NUT, CADMIUM PLATED, .2500-28 UNJF-3B
NAS1423-4LH = ALLOY STEEL NUT, CADMIUM PLATED, .2500-28 UNJF-3B-LH (LEFT HAND THREAD)
NAS1423C4 = CRES NUT, PASSIVATED, .2500-28 UNJF-3B

REVISION

4

NAS1423
SHEET 2



Document Sharing Hub

USE OF OR RELIANCE UPON THIS DOCUMENT OR ANY NATIONAL AEROSPACE STANDARD IS ENTIRELY VOLUNTARY. AIA DOES NOT QUALIFY SUPPLIERS OR CERTIFY

Copyright Aerospace Industries Association of America Inc. AIA MAKES NO REPRESENTATION OR CLAIM RESPECTING (1) THE SUITABILITY OF
Provided by IHS under license with AIA/NAS. Licensee= www.sepana.ir/5991803002, User=sam, albert
No reproduction or networking permitted without license from IHS. Not for Resale, 01/04/2016 05:47:31 MST. TRADEMARK RIGHTS.

Full document details: AIA NAS1423 2013