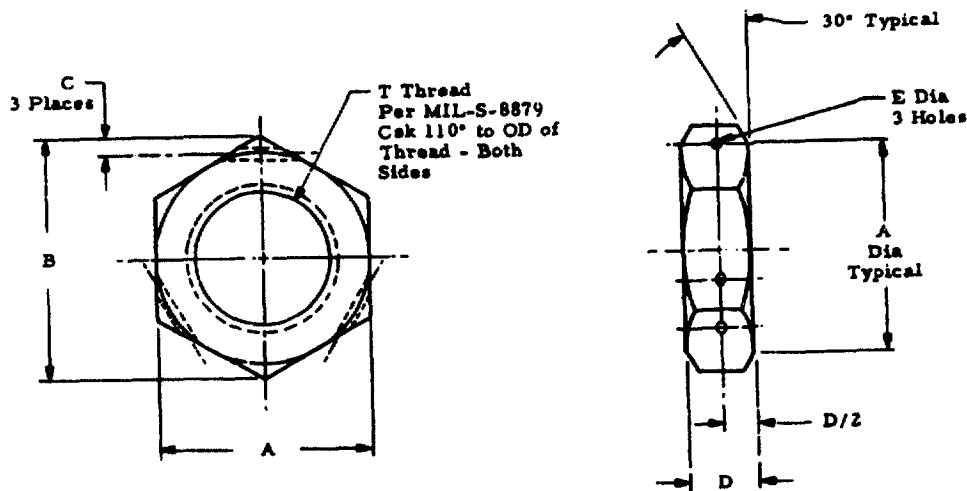




2



Dash No.	T Thread	A Dia	B Min	C	D	E +.004 -.001	Approx Weight Lbs/Ea.
06	.1380-32 UNJC-3B	.313 ^{+.002} _{-.010}	.340	.046	.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
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

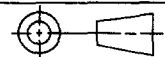
LIST OF CURRENT SHEETS

2

NO.	REV.	NO.	REV.
1	2	2	2

CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE

THIRD ANGLE PROJECTION



PROCUREMENT SPECIFICATION

TITLE

CLASSIFICATION
Standard Part

FF-N-836
as applicable

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

NAS 1423

Sheet 1 of 2

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1250 EYE STREET, N.W.
WASHINGTON, D.C. 20005

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

APPROVAL DATE April 1965 REVISION 1 15 Sept. 1972 2 18 APRIL 1990



Dash No.	T Thread	A Dia	B Min	C	D	E +.004 -.001	Approx Weight Lbs/Ea.
32	2.0000-12 UNJF-3B	2.525 ^{+.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: Steel 4130 (UNS G41300) per MIL-S-6758, Cond D-1, D-4 or F-4 or Steel 4340 (UNS G43400) per MIL-S-5000, Cond C-1 or C-4 CRES, A-286 (UNS S66286) per AMS5525, AMS5732, or AMS5737 (2)

HEAT TREAT: 4130 - Rockwell C34-38 (150,000 psi min TS) per MIL-H-6875
4340 - Normalize, harden, and temper - Rockwell C34-38 (150,000 psi min TS) per MIL-H-6875
CRES - 150,000 psi min TS

FINISH: Steel - Cadmium plate per QQ-P-416, Type II, Class 2. ~~Parts already made with Class 3 plating may be furnished from suppliers' stock until 15 Sept, 1974.~~ (2)
CRES - Passivate per QQ-P-35.

CODE: Dash number designates thread size as noted in the table on sheets 1 and 2.
Suffix "LH" to dash number for left hand thread
Letter "C" in lieu of dash indicates CRES material

EXAMPLE OF PART NUMBER: NAS1423-4 = Steel Nut, .2500-28 UNJF-3B right hand thread
NAS1423-4LH = Steel Nut, .2500-28 UNJF-3B left hand thread
NAS1423C4 = CRES Nut, .2500-28 UNJF-3B right hand thread

- NOTES:**
- All machined surfaces 125 microinches maximum in accordance with ANSI/ASME B46.1. (2)
 - Steel nuts shall be magnetic particle inspected in accordance with MIL-STD-1949. (2)
CRES nuts shall be fluorescent penetrant inspected in accordance with MIL-STD-6866. (2)
Parts shall not be marked as an indication of magnetic particle or fluorescent penetrant inspection.
 - Remove all burrs and sharp edges.
 - Bearing surface to be square with thread within .003 inch per inch diameter.
 - Dimensions in inches. Tolerances, unless otherwise specified, decimals ± .010; angles, ± 1°.
 - ~~Parts already made with threads per MIL-S-7742 may be furnished from suppliers' stock until 15 Sept, 1974.~~ (2)
 - Magnetic permeability of the CRES nuts shall be less than 2.0 (air = 1.0) for a field strength H = 200 Oersteds using a magnetic permeability indicator per MIL-I-17214 or equivalent.
 - Parts already made in thread sizes .2500-28 through .4375-20 with C dimension of .093 may be furnished from suppliers' stock until 15 Sept 1974.

NAS 1423

Sheet 2

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1260 EYE STREET, N.W.
WASHINGTON, D.C. 20005

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

APPROVAL DATE April 1965 REVISION (1) 15 Sept. 1972 (2) 18 APRIL 1990