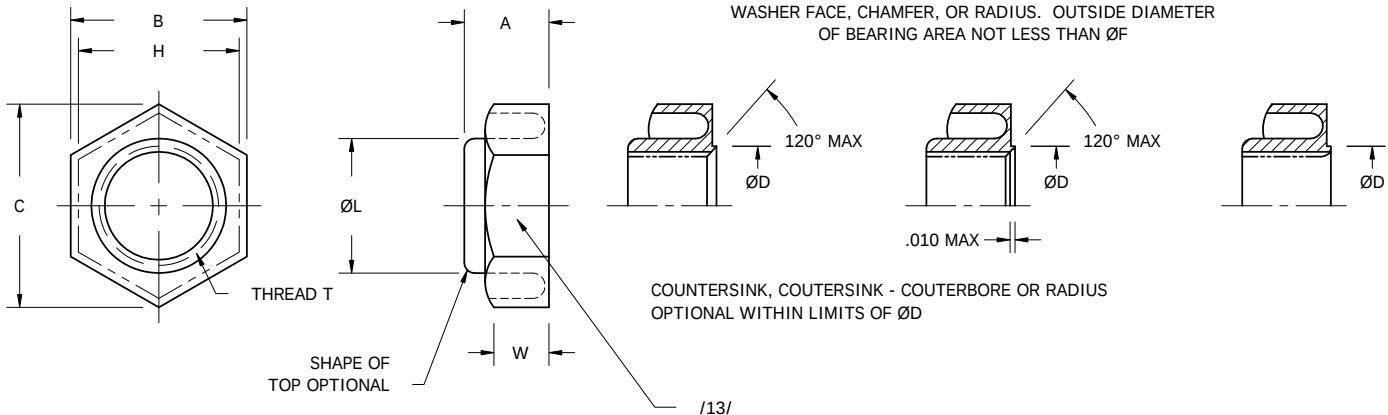
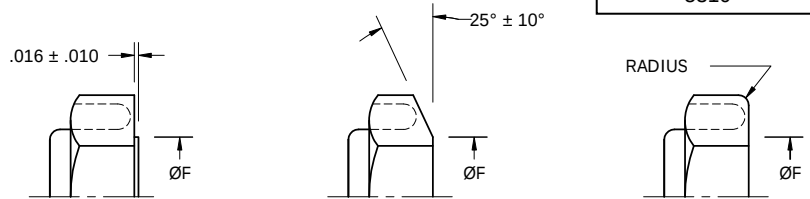


FED. SUPPLY CLASS

5310



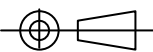
11 TABLE I - DIMENSIONS

DASH NUMBER			THREAD T /3/	A MAX /1/	B	
450 °F		800 °F			MAX	MIN
STEEL	CRES/4/	CRES/4/				
A04	C04M	C04	.1120-40 UNJC-3B	.125	.252	.240
A06	C06M	C06	.1380-32 UNJC-3B	.141	.314	.302
A08	C08M	C08	.1640-32 UNJC-3B	.188	.346	.334
A3	C3M	C3	.1900-32 UNJF-3B	.188	.377	.365
A4	C4M	C4	.2500-28 UNJF-3B	.219	.439	.430
A5	C5M	C5	.3125-24 UNJF-3B	.266	.502	.492
A6	C6M	C6	.3750-24 UNJF-3B	.282	.564	.553
A7	C7M	C7	.4375-20 UNJF-3B	.328	.690	.679

11 TABLE I - DIMENSIONS (CONTINUED)

THREAD T /3/	(C)	ØD		ØF MIN	H +.002 -.006 /2/ /5/	ØL MAX /2/	W MIN	WEIGHT LBS/100	
		MAX	MIN					(AVG)	MAX
.1120-40 UNJC-3B	.289	.154	.112	.190	.195	.150	.081	.10	.13
.1380-32 UNJC-3B	.361	.178	.138	.252	.240	.179	.092	.18	.23
.1640-32 UNJC-3B	.390	.203	.173	.284	.272	.209	.122	.23	.28
.1900-32 UNJF-3B	.430	.230	.199	.315	.303	.235	.122	.28	.35
.2500-28 UNJF-3B	.506	.293	.259	.380	.355	.302	.142	.44	.53
.3125-24 UNJF-3B	.580	.356	.322	.452			.173	.71	.85
.3750-24 UNJF-3B	.650	.418	.385	.523			.183	.94	1.10
.4375-20 UNJF-3B	.790	.482	.448	.629			.213	1.64	1.95

THIRD
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REVISION
11

PROCUREMENT
SPECIFICATION

TITLE

CLASSIFICATION
PART STANDARD

AS NOTED

NUT, SELF-LOCKING, HEXAGON, LOW HEIGHT



Documents
SHEET 1 OF 3

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MATERIAL:

STEEL: SEE PROCUREMENT SPECIFICATION.
CRES: A286 PER AMS5525, NON-MAGNETIC.

FINISH:

STEEL: CADMIUM PLATE PER AMS-QQ-P-416 PLUS AN APPROVED DRY FILM LUBRICANT. TYPE AND CLASS OF PLATING IS OPTIONAL IF LUBRICATED NUTS WILL MEET THE SALT SPRAY REQUIREMENTS OF AMS-QQ-P-416, TYPE II.
⑪ CRES: SILVER PLATE FOR 800 °F USE PER AMS2410 TO A .0002 MINIMUM THICKNESS ON SURFACES WHICH CAN BE TOUCHED BY A Ø.7500 (3/4-INCH) BALL. THREADS SHALL SHOW COMPLETE COVERAGE, BUT THICKNESS REQUIREMENT ON THREADS IS WAIVED.
CRES: APPROVED DRY FILM LUBRICANT FOR 450 °F USE.

CODE:

DASH NO. SUFFIXED BY "W" = INTERNAL WRENCHING (SIZES 04, 06, 08, 3 AND 4 ONLY). INSERT "X" IN LIEU OF "A" IN THE 450 °F STEEL CODE FOR CADMIUM PLATED STEEL NUTS WITHOUT LUBRICANT.

EXAMPLE OF PART NUMBERS:

NAS679A4 = .2500-28 NUT, ALL METAL CONSTRUCTION, INTERNAL WRENCHING NOT REQUIRED.
NAS679A4W = .2500-28 NUT, ALL METAL CONSTRUCTION, WITH INTERNAL WRENCHING FEATURE.
NAS679C4 = .2500-28 NUT, ALL METAL CONSTRUCTION OF A286 CRES, SILVER PLATED FOR 800 °F USE, INTERNAL WRENCHING FEATURE NOT REQUIRED.
NAS679C4MW = .2500-28 NUT, ALL METAL CONSTRUCTION OF A286 CRES, WITH AN APPROVED DRY FILM LUBRICANT, INTERNAL WRENCHING FEATURE, FOR 450 °F USE.
NAS679X4 = .2500-28 NUT, ALL METAL CONSTRUCTION, INTERNAL WRENCHING NOT REQUIRED, WITHOUT LUBRICANT.

NOTES:

- /1/ MINIMUM "A" LIMITED ONLY BY STRENGTH REQUIREMENT OF SPECIFICATION.
- /2/ DIMENSIONS "H" AND "ØL" APPLICABLE TO INTERNAL WRENCHING TYPE, CODE W, ONLY.
- /3/ THREADS IN ACCORDANCE WITH AS8879 BEFORE LUBRICATION. ~~THREADS IN ACCORDANCE WITH MIL-S-7742 ARE ACCEPTABLE UNTIL 31 DECEMBER 1969.~~
- /4/ MAGNETIC PERMEABILITY OF CRES NUTS SHALL BE LESS THAN 2.0 (AIR = 1.0) FOR A FIELD STRENGTH H = 200 OERSTEDS USING A MAGNETIC PERMEABILITY INDICATOR PER ASTM A342/A342M (TEST METHOD 3) OR EQUIVALENT.
- /5/ PLUS TOLERANCE ON DIMENSION "H" SHALL BE +.005 AND +.006 ON SIZES 04 AND 06 RESPECTIVELY.
- (6) AXIAL STRENGTH REQUIREMENTS PER NASM25027 TABLE I VALUES FOR REGULAR STEEL NUTS.
- (7) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (8) DIMENSIONS APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (9) DIMENSIONS IN INCHES.
- (10) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (11) REMOVE ALL BURRS AND SHARP EDGES.

REVISION

11

NAS679
SHEET 2



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