



NUT, ANCHOR, SELF-LOCKING, RIGHT ANGLE, FLOATING VERTICAL MOUNTING HOLES

MATERIAL: SEE PROCUREMENT SPECIFICATION.

FINISH: ⑦ STEEL -- CADMIUM PLATE PER AMS-QQ-P-416, TYPE II, CLASS 2. /8/
CRES -- SILVER PLATE FOR 800°F USE PER NASM25027 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.
ALUMINUM ALLOY --
ANODIZE OR CHEMICAL FILM PER NASM25027, EXCEPT ANODIZE SHALL BE LIMITED TO TYPE I OR TYPE II.

MINIMUM TOTAL FLOAT:

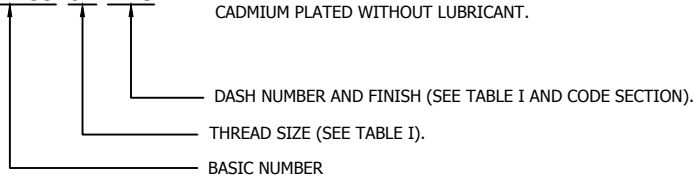
X = .017, Y = .026, SIZES -62 THRU -02.

LUBRICANT: ⑦ STEEL -- DRY FILM LUBRICANT PER PROCUREMENT SPECIFICATION.

CODE: ⑦ CODE "X" INDICATES CADMIUM PLATE.
CODE "A" INDICATES CADMIUM PLATE PLUS AN APPROVED DRY FILM LUBRICANT.
ADD "K" TO END OF PART NUMBER TO OBTAIN NUTS WITH COUNTERSUNK RIVET HOLES.
INSERT "X" IN ADDITION TO "A" OR "P" FOR PLATED STEEL NUTS WITHOUT LUBRICANT.

EXAMPLE CALLOUT:

NA2159-02-AX3 = STEEL NUT WITH .1900-32 UNJF-3B THREAD FOR USE UP TO 450°F - STEEL HOUSING - CADMIUM PLATED WITHOUT LUBRICANT.



EXAMPLES OF PART NUMBERS:

- ⑦ NA2159-02-A3 = STEEL NUT WITH .1900-32 UNJF-3B THREAD FOR USE UP TO 450°F, ALL METAL WITH DRY FILM LUBRICANT.
- NA2159-02-P3 = STEEL NUT WITH .1900-32 UNJF-3B THREAD FOR USE UP TO 250°F, ALUMINUM ALLOY OR STEEL HOUSING WITH DRY FILM LUBRICANT.
- NA2159-02-AX3 = STEEL NUT WITH .1900-32 UNJF-3B THREAD FOR USE UP TO 450°F, ALL METAL, CADMIUM PLATE WITHOUT LUBRICANT.
- NA2159-02-PX3 = STEEL NUT WITH .1900-32 UNJF-3B THREAD FOR USE UP TO 250°F, ALUMINUM ALLOY OR STEEL HOUSING, CADMIUM PLATE WITHOUT LUBRICANT.

NOTES:

- (1) THREADS IN ACCORDANCE WITH AS8879 BEFORE LUBRICATION.
- (2) SHAPE OF NUT AND HOUSING OPTIONAL WITHIN LIMITS SPECIFIED, AND SHALL FORM ONE INTEGRAL UNIT TO PREVENT SEPARATION DURING HANDLING.
- (3) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- ⑦ (4) "NX" CODE INACTIVE FOR NEW DESIGN AFTER 1 JULY 1972. FOR DESCRIPTION OF STATUS NOTES SEE NAS 380.
- (5) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (6) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- ⑦ (7) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL DEPLETION.
- /8/ EXISTING NUTS WITH AN OPTIONAL TYPE AND CLASS OF CADMIUM PLATE PER AMS-QQ-P-416, AS PREVIOUSLY PERMITTED, MAY BE FURNISHED UNTIL 16 DEC. 1976.
- (9) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- /10/ MINIMUM "B" AND "H" LIMITED ONLY BY STRENGTH REQUIREMENTS OF SPECIFICATION.
- /11/ FOR DIMPLED RIVET TYPE ONLY, "ØK" TOLERANCE +.015/-0.000 AFTER FORMING.
- (12) FLOAT OF NUT PORTION OF ASSEMBLY SHALL NOT BE LESS THAN .016 INCHES IN ANY DIRECTION FROM THE CENTERED POSITION. NUT BODY SHALL BE CAPABLE OF ENGAGEMENT WITH A BOLT IN THE MAXIMUM MISALIGNED POSITION. NUT SHALL NOT FLOAT SO AS TO EXCEED DIMENSION "B" OR "P". MAXIMUM VERTICAL FLOAT WITHIN THE HOUSING .020 FOR .1900-32 SIZE AND SMALLER, .030 FOR .2500-28 SIZE AND LARGER.

PROCUREMENT SPECIFICATION:

- ⑦ NASM25027.

CONFORMS TO:

NASM25027
AS8879

NAFCO USA, LLC

CARSON CITY, NV 89706

PART NUMBER

NA2159

FEDERAL SUPPLY CODE: 32387