



NUT, SELF-LOCKING, PLATE, TWO LUG, 160 KSI Ft_u, 450°F & 800°F

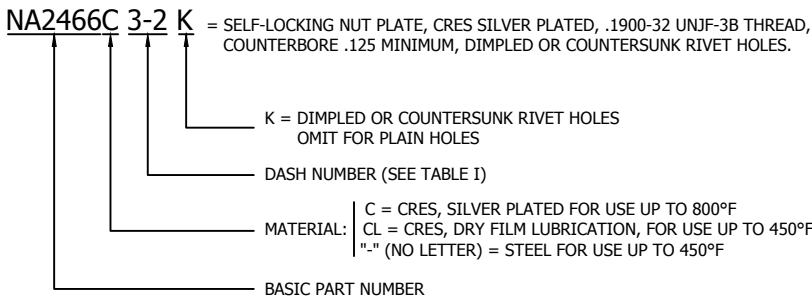
MATERIAL:

- ④ STEEL -- SEE PROCUREMENT SPECIFICATION
- ④ CRES -- A-286 (UNS S66286) CONFORMING TO THE CHEMISTRY OF AMS5525, AMS5732 OR AMS5737.

FINISH:

- STEEL -- CADMIUM PLATE PER AMS-QQ-P-416 PLUS AS5272, TYPE I 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.
- CRES -- 800°F NUT: SILVER PLATE PER AMS2410. PLATING THICKNESS MEASURED ON ANY EXTERNAL SURFACE OF THE NUT SHALL NOT BE LESS THAN .0002; THREADS SHALL SHOW COMPLETE COVERAGE BUT THICKNESS REQUIREMENT ON THREADS IS WAIVED. OPTIONAL SILVER PLATE ON NUT RETAINING CAGE.
- 450°F NUT: DRY FILM LUBRICANT IN ACCORDANCE WITH AS5272, TYPE I SHALL BE APPLIED IN LIEU OF SILVER PLATE. OPTIONAL DRY FILM LUBRICANT ON NUT RETAINING CAGE.

EXAMPLE CALLOUT:



NOTES:

- /1/ MINIMUM "H" NOT SPECIFIED, LIMITED ONLY BY STRENGTH REQUIREMENT.
- (2) FLOAT OF NUT PORTION OF ASSEMBLY SHALL NOT BE LESS THAN .030 RADIALLY FROM CENTERED POSITION. NUT ELEMENT SHALL BE CAPABLE OF ENGAGEMENT WITH BOLT IN THE MAXIMUM MISALIGNED POSITION.
- (3) MAGNETIC PERMEABILITY OF CRES STEEL 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.
- (4) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- /5/ CONFIGURATION OF NUT OPTIONAL WITHIN THE LIMITATIONS IMPOSED BY DIMENSIONS AND REQUIREMENTS AS SPECIFIED HEREIN.
- /6/ THREAD PORTION DEFORMED AT INDICATED END TO PRODUCE SELF-LOCKING ACTION.
- /7/ THREADS BEFORE LUBRICATION PER AS8879, EXCEPT .1640-32 UNJC-3B.
- (8) SYMMETRICAL ABOUT VERTICAL CENTERLINE.
- ④ (9) HARDNESS: 45 HRC MAXIMUM.
- (10) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (11) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- ④ (12) 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.
- (13) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

CONFORMS TO:

NASM25027
AS8879

NAFCO USA, LLC

CARSON CITY, NV 89706

PART NUMBER

NA2466

FEDERAL SUPPLY CODE: 32387