MARK "S" OR "SPS"
ALSO MARK STAINLESS
MATERIAL WITH A "C"
LOCATION OPTIONAL.
AS SHOWN. MULTIPLE
MARKING PERMITTED.

COUNTERSINK, COUNTERBORE OR RADIUS RELIEF
TO THREADS WITHIN THE LIMITS OF ØP.

STYLE A

STYLE B

EITHER STYLE TO BE SUPPLIED AT SPS' OPTION.

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DASH NUMBER</th>
<th>THREADS</th>
<th>ØB MIN</th>
<th>C MIN</th>
<th>H MAX</th>
<th>ØP MAX</th>
<th>S MIN</th>
<th>W MAX</th>
<th>W MIN</th>
<th>AXIAL STRENGTH LBS MIN</th>
<th>WEIGHT APPROX LBS/100</th>
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<tbody>
<tr>
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INFORMATION ON THIS DOCUMENT IS A TRADE SECRET, PROPRIETARY, AND SHALL NOT BE USED OR REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN AUTHORIZATION OF SPS TECHNOLOGIES.
1. MATERIAL: STEEL, CARBON, STAINLESS STEEL, AUSTENITIC, 316 STAINLESS STEEL, AUSTENITIC, BRASS, NAVAL HALF HARD, ALUMINUM, 2024-T4 OR 2024-T351, PLAIN. (CARBON STEEL NUTS WILL BE SUPPLIED WITH RUST PREVENTATIVE OIL, AND STAINLESS STEEL NUTS WILL BE PASSIVATED)

2. FINISH: CADMIUM PLATE PER QQ-P-416, TYPE I, CLASS 2, (CARBON STEEL AND BRASS ONLY) CADMIUM PLATE PER QQ-P-416, TYPE II, CLASS 2, (CARBON STEEL AND BRASS ONLY) DULL NICKEL PLATE PER AMS 2403 (CARBON STEEL ONLY) SILVER PLATE PER AMS 2410, (STAINLESS STEEL ONLY) ZINC PLATE PER ASTM B653, TYPE DEFINED BY FINISH CODE MODIFIER, Fe/Zn 5, (CARBON STEEL ONLY) ANODIZE PER MIL-R-8625, (ALUMINUM ONLY)

3. LUBRICANT: UNLESS OTHERWISE SPECIFIED, PARTS SHALL BE SUPPLIED WITH A NON-DRY LUBRICANT (WAX TYPE), AND WHEN SPECIFIED, MOLYBDENUM DISULFIDE DRY FILM LUBRICANT.

4. THREADS: BEFORE LUBRICATION PER MIL-S-7742, CLASS 2B.

5. LOCKING TORQUE PER NASM25027 AS APPLICABLE, EXCEPT REUSABILITY NOT REQUIRED ON UNPLATED STAINLESS STEEL NUTS AND LIMITED TO 5 REUSE CYCLES ON UNPLATED, DRY FILM LUBRICATED, STAINLESS STEEL NUTS.

6. DISCONTINUITIES PER NASM25027.

7. DIMENSIONS SHALL BE MET PRIOR TO LUBRICATION ON DRY FILM LUBRICATED NUTS.

8. DIMENSIONS ARE IN INCHES.

9. BREAK SHARP EDGES.

10. SURFACE TEXTURE PER ANSI B46.1 I SHALL NOT EXCEED 125 MICROINCHES UNLESS OTHERWISE SPECIFIED.

11. USAGE LIMITATIONS: THESE NUTS ARE DESIGNED TO BE USED ON EXTERNAL THREADS WITHIN THE LIMITATIONS OF MS33588.

12. PART NUMBERING SYSTEM:

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$3FK - 1608 - 5

- CADMIUM FINISH CODE MODIFIER: (TO BE USED WITH FINISH CODE "7" ONLY)
  NO FINISH CODE MODIFIER = TYPE II (IRIDESCENT DICHROMATE) 5 = TYPE II (OLIVE DRAB)
- ZINC FINISH CODE MODIFIER: (TO BE USED WITH FINISH CODE "3" ONLY)
  NO FINISH CODE MODIFIER = TYPE II (YELLOW) 5 = TYPE I (CLEAR, DULL) 6 = TYPE III (CLEAR, BRIGHT)

- THREAD PITCH

- THREAD DIAMETER
- BASIC PART: FK = FLEXLOC, THIN, COMMERCIAL  
  FKC = FLEXLOC, THIN, COMMERCIAL, HEAVY HEX

- FINISH CODE: 0 = PLAIN
  1 = CADMIUM PLATED, TYPE I  4 = DULL NICKEL PLATE
  2 = ZINC PLATED  5 = ANODIZED
  6 = BLACK OXIDE
- MATERIAL CODE: 2 = STEEL, CARBON OR ALLOY, SIZES UP TO AND INCLUDING -820
  3 = STEEL, CARBON OR ALLOY, SIZES -912 AND UP
  5 = STAINLESS STEEL, AUSTENITIC
  6 = BRASS
  7 = ALUMINUM
  8 = 316 STAINLESS STEEL, AUSTENITIC

EXAMPLES:

$3FK-1608-5 = 1.000 DIAMETER, THIN, SELF-LOCKING FLEXLOC MADE FROM CARBON STEEL WITH ZINC PLATE PER ASTM B653, TYPE I (CLEAR, DULL), Fe/Zn5.

$9FKC-2406 = 1.500 DIAMETER, THIN, HEAVY HEX, SELF-LOCKING FLEXLOC MADE FROM STAINLESS STEEL WITH SILVER PLATE PER AMS 2410.
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