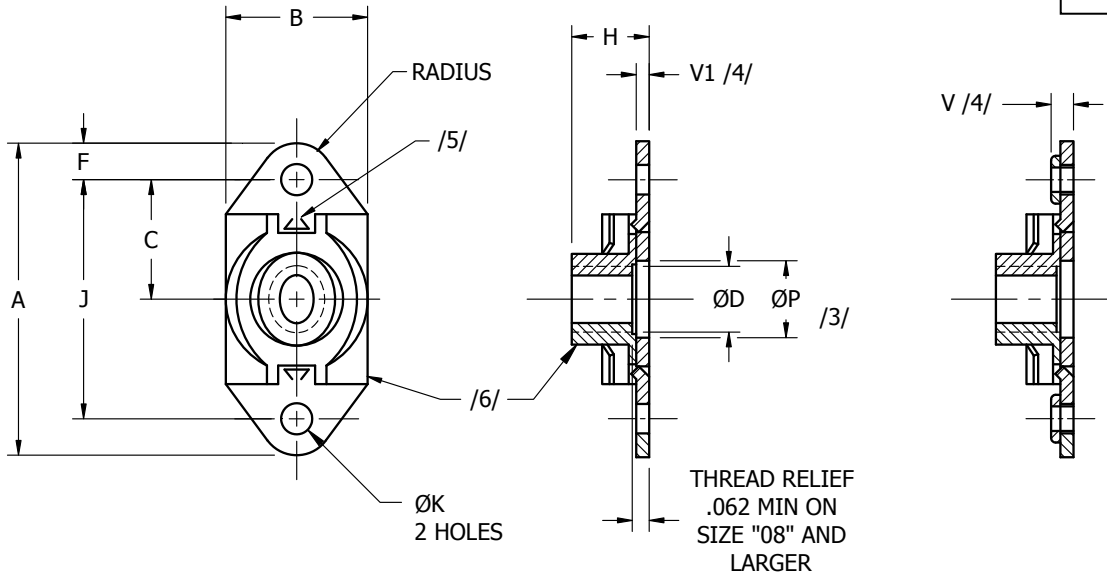


FED. SUPPLY CLASS

5310



WITHOUT EYELET

WITH EYELET

TABLE I – DASH NUMBERS AND DIMENSIONS

| DASH NO. | THREAD SIZE /1/  | A MAX | B    |      | C ±.005 | ØD   | F MIN | H MAX | J ±.002 | ØK +.005<br>-.000 | ØP /3/ |      | V /4/ |      | V1 /4/ |      | AXIAL STRENGTH LBF MIN | WEIGHT LBS/100 MAX |
|----------|------------------|-------|------|------|---------|------|-------|-------|---------|-------------------|--------|------|-------|------|--------|------|------------------------|--------------------|
|          |                  |       | MAX  | MIN  |         |      |       |       |         |                   | MAX    | MIN  | MAX   | MIN  | MAX    | MIN  |                        |                    |
| 04       | .1120-40 UNJC-3B | .651  | .315 | .275 | .203    | --   | .070  | .153  | .406    | .098              | .270   | .152 | .140  | .075 | .090   | .015 | 750                    | .26                |
| 06       | .1380-32 UNJC-3B | .682  | .357 | .290 | .218    | --   | .070  | .171  | .437    | .098              | .270   | .178 | .140  | .075 | .090   | .020 | 1,130                  | .32                |
| 08       | .1640-32 UNJC-3B | .707  | .367 | .290 | .234    | .168 | .100  | .250  | .468    | .098              | .270   | .204 | .140  | .075 | .090   | .025 | 1,720                  | .36                |
| 3        | .1900-32 UNJF-3B | .739  | .416 | .290 | .250    | .194 | .100  | .250  | .500    | .098              | .270   | .230 | .140  | .075 | .090   | .025 | 2,460                  | .39                |
| 4        | .2500-28 UNJF-3B | .801  | .500 | .350 | .281    | .254 | .100  | .281  | .562    | .098              | .330   | .290 | .140  | .085 | .090   | .027 | 4,580                  | .69                |
| 5        | .3125-24 UNJF-3B | 1.010 | .581 | .412 | .359    | .317 | .117  | .328  | .718    | .130              | .392   | .352 | .160  | .095 | .105   | .032 | 7,390                  | 1.10               |

MATERIAL:

CRES - TYPE A286 (UNS S66286) PER AMS5525, ~~AMS5735~~, AMS5732, OR AMS5737.

④ HARDNESS:

49 HRC MAX.

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21076, REVISION H. PART NUMBERS REMAIN MS21076.

|                                        |                                                                                                                                                 |                                                    |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| THIRD ANGLE PROJECTION                 | CUSTODIAN<br>NATIONAL AEROSPACE STANDARDS COMMITTEE                                                                                             | REVISION<br><b>4</b>                               |
| PROCUREMENT SPECIFICATION<br>NASM25027 | TITLE<br><b>NUT, SELF-LOCKING, PLATE, TWO LUG, FLOATING, REDUCED RIVET SPACING, LOW HEIGHT, CRES, 125 KSI Ft<sub>u</sub>, 450 °F AND 800 °F</b> | CLASSIFICATION<br>PART STANDARD<br><b>MSM21076</b> |

SHEET 1 OF 3  
Document Sharing Hub

## FINISH:

- ④ 800 °F SILVER PLATED NUTS (DASH AS CODE LETTER): SILVER PLATE ALL THREADED SURFACES ON PLATENUT PER AMS2410. THREADS SHALL SHOW COMPLETE COVERAGE. SILVER PLATING ON ALL OTHER SURFACES OPTIONAL. TARNISHING OR DISCOLORATION OF SILVER NOT CAUSE FOR REJECTION. THE COMBINATION OF SILVER PLATE AND SOLID FILM LUBRICANT IS NOT AN OPTION.

## LUBRICATION:

- ④ 450 °F SOLID FILM LUBRICATED NUTS (CODE LETTER L): SOLID FILM LUBRICANT APPROVED IN ACCORDANCE WITH NASM25027. OTHER LUBRICANTS SOLUBLE IN THE CLEANER SPECIFIED IN MIL-S-7502 AMS-S-8802. THREADS SHALL SHOW COMPLETE COVERAGE. SOLID FILM LUBRICANT ON ALL OTHER SURFACES OPTIONAL.
- 800 °F SOLID FILM LUBRICATED NUTS (CODE LETTER H): HIGH TEMPERATURE SOLID FILM LUBRICANT IN ACCORDANCE WITH AS1701, CLASS V OR VI. THREADS SHALL SHOW COMPLETE COVERAGE. SOLID FILM LUBRICANT ON ALL OTHER SURFACES OPTIONAL. THE COMBINATION OF SILVER PLATE AND SOLID FILM LUBRICANT IS NOT AN OPTION.

## EXAMPLE OF PART NUMBER:

- ④ MS21076 L 4 E = NUT, SELF LOCKING, PLATE, TWO LUG, FLOATING, REDUCED RIVET SPACING, LOW HEIGHT, CRES, 125 KSI Ft<sub>u</sub>, 450 °F; SOLID FILM LUBRICATION; .2500-28 UNJF-3B; WITH EYELETS
- "E" DENOTES WITH EYELETS
  - "N" DENOTES WITHOUT EYELETS
  - "R" DENOTES WITH/WITHOUT EYELETS (INACTIVE FOR NEW DESIGN)
  - ABSENCE OF "E", "R" OR "N" DENOTES WITHOUT EYELETS (INACTIVE FOR NEW DESIGN)
  - DENOTES (.2500) THREAD SIZE DASH NUMBER
  - "L" DENOTES SOLID FILM LUBRICANT (450 °F NUTS)
  - "-" DENOTES SILVER PLATE (800 °F NUTS)
  - "H" DENOTES HIGH TEMPERATURE SOLID FILM LUBRICANT (800 °F NUTS)
  - BASIC MS NUMBER

## NOTES:

- /1/ THREADS BEFORE LUBRICATION PER AS8879.
- /2/ MINIMUM "H" NOT SPECIFIED, LIMITED ONLY BY STRENGTH REQUIREMENTS.
- /3/ DASH NO. 06 AND SMALLER MAY BE COUNTERSUNK OR RADIUSED WITHIN "ØP".
- /4/ "V" RANGE APPLIES TO EYELET CONFIGURATION. "V1" RANGE APPLIES TO WITHOUT EYELET CONFIGURATION.
- /5/ MANUFACTURER'S IDENTIFICATION PER MIL-HDBK-57, LOCATION OPTIONAL.
- /6/ SHAPE WITHIN ENVELOPE OPTIONAL.
- (7) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.

REVISION

4

**NAS Documents**

SHEET 2



Document Sharing Hub