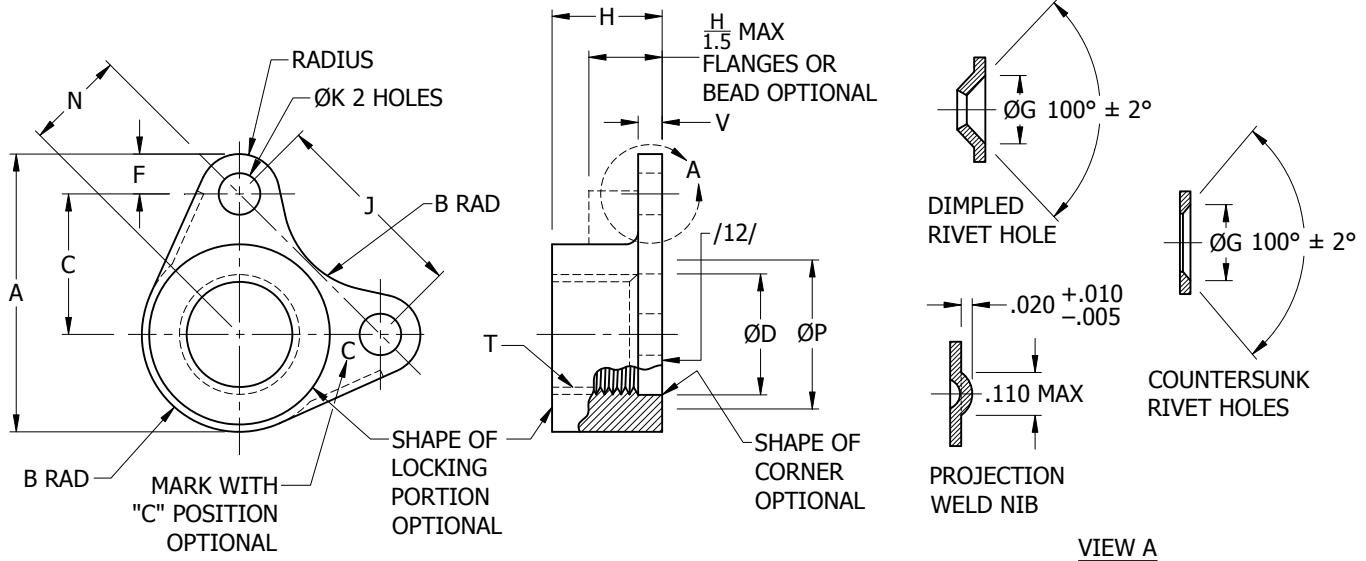


FED. SUPPLY CLASS

5310



VIEW A

2

TABLE I – DIMENSIONS

| T<br>THREAD<br>SIZE<br>/9/ | A<br>MAX | B<br>RAD |      | C<br>±.005 | ØD<br>MIN | F<br>MIN | ØG<br>±.010 | H<br>MAX<br>/5/ | J<br>±.002 | ØK<br>+.005<br>-.000<br>/7/ | N<br>MAX | ØP<br>MAX | V<br>MAX | AXIAL<br>STRENGTH<br>LBF<br>MIN | WEIGHT<br>LBS/100 |
|----------------------------|----------|----------|------|------------|-----------|----------|-------------|-----------------|------------|-----------------------------|----------|-----------|----------|---------------------------------|-------------------|
|                            |          | MAX      | MIN  |            |           |          |             |                 |            |                             |          |           |          |                                 |                   |
| .0860-56 UNJC-3B           | .288     | .092     | .081 | .125       | --        | .071     | /6/         | .110            | .177       | .066                        | .120     | .130      | .035     | 440                             | .07               |
| .0990-48 UNJC-3B           | .316     | .125     | .092 | .138       | --        | .071     | /6/         | .125            | .196       | .066                        | .130     | .143      | .035     | 550                             | .09               |
| .1120-40 UNJC-3B           | .448     | .156     | .096 | .203       | --        | .089     | .200        | .143            | .287       | .098                        | .215     | .166      | .040     | 750                             | .11               |
| .1380-32 UNJC-3B           | .463     | .156     | .121 | .218       | --        | .089     | .200        | .171            | .308       | .098                        | .232     | .205      | .047     | 1,130                           | .14               |
| .1640-32 UNJC-3B           | .497     | .163     | .125 | .234       | .168      | .100     | .200        | .250            | .331       | .098                        | .210     | .248      | .047     | 1,720                           | .21               |
| .1900-32 UNJF-3B           | .526     | .176     | .156 | .250       | .194      | .100     | .200        | .250            | .354       | .098                        | .215     | .274      | .047     | 2,460                           | .26               |
| .2500-28 UNJF-3B           | .603     | .222     | .200 | .281       | .254      | .100     | .200        | .281            | .398       | .098                        | .233     | .344      | .055     | 4,580                           | .45               |
| .3125-24 UNJF-3B           | .757     | .273     | .250 | .359       | .317      | .125     | .230        | .328            | .508       | .130                        | .280     | .417      | .065     | 7,390                           | .80               |
| .3750-24 UNJF-3B           | .870     | .331     | .305 | .414       | .379      | .125     | .230        | .344            | .585       | .130                        | .303     | .505      | .075     | 11,450                          | 1.92              |

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MS21074, REVISION F. PART NUMBERS REMAIN MS21074.

|                              |  |
|------------------------------|--|
| THIRD<br>ANGLE<br>PROJECTION |  |
| PROCUREMENT<br>SPECIFICATION |  |
| NASM25027                    |  |

|           |                                                                                                               |
|-----------|---------------------------------------------------------------------------------------------------------------|
| CUSTODIAN | NATIONAL AEROSPACE STANDARDS COMMITTEE                                                                        |
| TITLE     | NUT, SELF-LOCKING, PLATE, CORNER,<br>REDUCED RIVET SPACING, LOW HEIGHT,<br>CRES, 125 KSI Ftu, 450 °F & 800 °F |

|                                 |   |
|---------------------------------|---|
| REVISION                        | 2 |
| CLASSIFICATION<br>PART STANDARD |   |
| NASM21074                       |   |
| SHEET 1 OF 4                    |   |

②

TABLE II – DASH NUMBERS

| T<br>THREAD<br>SIZE | DASH NUMBERS                   |                            |                       |                        |                            |                       |                                |                            |                       |
|---------------------|--------------------------------|----------------------------|-----------------------|------------------------|----------------------------|-----------------------|--------------------------------|----------------------------|-----------------------|
|                     | 450 °F<br>SOLID FILM LUBRICANT |                            |                       | 800 °F<br>SILVER PLATE |                            |                       | 800 °F<br>SOLID FILM LUBRICANT |                            |                       |
|                     | PLAIN<br>HOLES                 | CSK OR<br>DIMPLED<br>HOLES | WELDING<br>PROJECTION | PLAIN<br>HOLES         | CSK OR<br>DIMPLED<br>HOLES | WELDING<br>PROJECTION | PLAIN<br>HOLES                 | CSK OR<br>DIMPLED<br>HOLES | WELDING<br>PROJECTION |
| .0860-56 UNJC-3B    | L02                            | --                         | L02W                  | -02                    | --                         | -02W                  | H02                            | --                         | H02W                  |
| .0990-48 UNJC-3B    | L03                            | --                         | L03W                  | -03                    | --                         | -03W                  | H03                            | --                         | H03W                  |
| .1120-40 UNJC-3B    | L04                            | L04K                       | L04W                  | -04                    | -04K                       | -04W                  | H04                            | H04K                       | H04W                  |
| .1380-32 UNJC-3B    | L06                            | L06K                       | L06W                  | -06                    | -06K                       | -06W                  | H06                            | H06K                       | H06W                  |
| .1640-32 UNJC-3B    | L08                            | L08K                       | L08W                  | -08                    | -08K                       | -08W                  | H08                            | H08K                       | H08W                  |
| .1900-32 UNJF-3B    | L3                             | L3K                        | L3W                   | -3                     | -3K                        | -3W                   | H3                             | H3K                        | H3W                   |
| .2500-28 UNJF-3B    | L4                             | L4K                        | L4W                   | -4                     | -4K                        | -4W                   | H4                             | H4K                        | H4W                   |
| .3125-24 UNJF-3B    | L5                             | L5K                        | L5W                   | -5                     | -5K                        | -5W                   | H5                             | H5K                        | H5W                   |
| .3750-24 UNJF-3B    | L6                             | --                         | L6W                   | -6                     | --                         | -6W                   | H6                             | --                         | H6W                   |

**MATERIAL:**

CRES - A286 (UNS S66286) CONFORMING TO THE CHEMISTRY OF AMS5525, AMS5732, OR AMS5737.

**HARDNESS:**

49HRC MAX.

**FINISH:**

②

800 °F SILVER PLATED NUTS (DASH AS CODE LETTER): SILVER PLATE ALL THREADED SURFACES OF NUT ELEMENT IN ACCORDANCE WITH 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:**

②

450 °F SOLID FILM LUBRICATED NUTS (CODE LETTER L): SOLID FILM LUBRICANT PER PROCUREMENT SPECIFICATION. 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.

**CODE:**

②

THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE II. DO NOT USE UNASSIGNED PART NUMBERS.

|                 |
|-----------------|
| REVISION        |
| 2               |
| <b>ASM21074</b> |
| SHEET 2         |