

FED. SUPPLY CLASS

5310

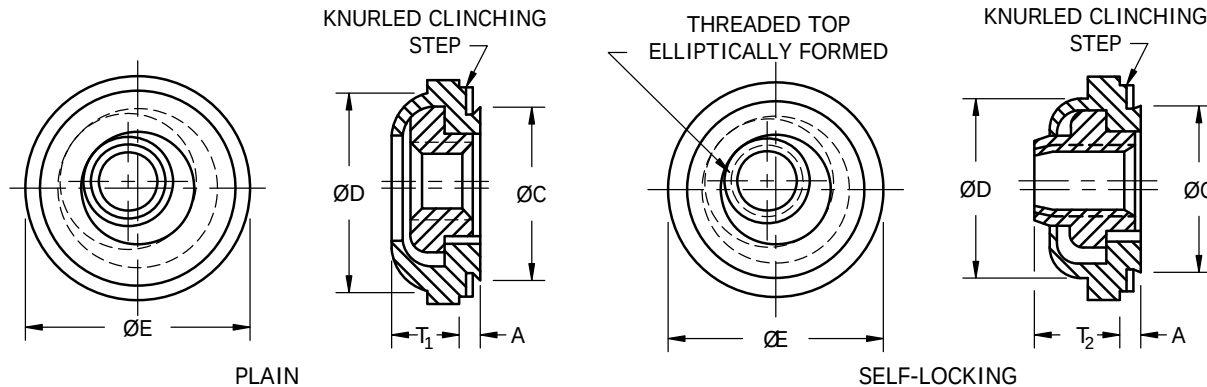


FIGURE 1 – NUT, PLAIN, CLINCH AND NUT, SELF-LOCKING, CLINCH (FLOATING, 400 °F)

TABLE I – DASH NUMBERS AND DIMENSIONS

| DASH NUMBER     |      |                 |      | THREAD<br>SIZE | A<br>MAX | PANEL<br>THICKNESS<br>MIN | MOUNTING<br>HOLE IN<br>PANEL<br>+.003<br>−.000 | ØC<br>MAX | ØD<br>MAX | ØE<br>MAX | T <sub>1</sub><br>MAX | T <sub>2</sub><br>MAX | DISTANCE<br>CENTER OF<br>HOLE TO<br>EDGE OF<br>PANEL<br>MIN |
|-----------------|------|-----------------|------|----------------|----------|---------------------------|------------------------------------------------|-----------|-----------|-----------|-----------------------|-----------------------|-------------------------------------------------------------|
| PLAIN           |      | SELF-LOCKING    |      |                |          |                           |                                                |           |           |           |                       |                       |                                                             |
| CARBON<br>STEEL | CRES | CARBON<br>STEEL | CRES |                |          |                           |                                                |           |           |           |                       |                       |                                                             |
| 01              | 01C  | —               | —    | .086–56 UNC    | .038     | .040                      | .290                                           | .289      | .290      | .36       | .13                   | —                     | .30                                                         |
| 02              | 02C  | —               | —    |                | .054     | .056                      |                                                |           |           |           |                       |                       |                                                             |
| 1               | 1C   | 1L              | 1CL  | .112–40 UNC    | .038     | .040                      | .290                                           | .289      | .290      | .36       | .13                   | .19                   | .30                                                         |
| 2               | 2C   | 2L              | 2CL  |                | .054     | .056                      |                                                |           |           |           |                       |                       |                                                             |
| 3               | 3C   | 3L              | 3CL  | .138–32 UNC    | .038     | .040                      | .328                                           | .327      | .335      | .39       | .13                   | .20                   | .32                                                         |
| 4               | 4C   | 4L              | 4CL  |                | .054     | .056                      |                                                |           |           |           |                       |                       |                                                             |
| 5               | 5C   | 5L              | 5CL  | .164–32 UNC    | .038     | .040                      | .368                                           | .367      | .365      | .44       | .13                   | .21                   | .34                                                         |
| 6               | 6C   | 6L              | 6CL  |                | .054     | .056                      |                                                |           |           |           |                       |                       |                                                             |
| 7               | 7C   | 7L              | 7CL  | .190–24 UNC    | .038     | .040                      | .406                                           | .405      | .405      | .47       | .17                   | .27                   | .36                                                         |
| 8               | 8C   | 8L              | 8CL  |                | .054     | .056                      |                                                |           |           |           |                       |                       |                                                             |
| 9               | 9C   | 9L              | 9CL  | .190–32 UNF    | .038     | .040                      | .515                                           | .514      | .510      | .60       | .21                   | .31                   | .42                                                         |
| 10              | 10C  | 10L             | 10CL |                | .054     | .056                      |                                                |           |           |           |                       |                       |                                                             |
| 11              | 11C  | 11L             | 11CL | .250–20 UNC    | .054     | .056                      |                                                |           |           |           |                       |                       |                                                             |
| 12              | 12C  | 12L             | 12CL | .250–28 UNF    |          |                           |                                                |           |           |           |                       |                       |                                                             |

MATERIAL:

SEE TABLE II

① COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-DTL-45938/11, REVISION A. PART NUMBERS REMAIN M45938/11

|                                           |                                                                                         |  |                                                                        |
|-------------------------------------------|-----------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|
| THIRD<br>ANGLE<br>PROJECTION              | CUSTODIAN<br>NATIONAL AEROSPACE STANDARDS COMMITTEE                                     |  | REVISION<br><b>1</b>                                                   |
| PROCUREMENT<br>SPECIFICATION<br>NASM45938 | TITLE<br><b>NUT, PLAIN, CLINCH AND NUT, SELF-LOCKING, CLINCH<br/>(FLOATING, 400 °F)</b> |  | CLASSIFICATION<br>PART STANDARD<br><b>NASM45938/11</b><br>SHEET 1 OF 4 |

FINISH:

SEE TABLE II

CODE:

THE PART NUMBER CONSISTS OF THE LETTER "M", THE BASIC NUMBER OF THIS PART STANDARD, AND A DASH NUMBER TAKEN FROM TABLE I.

LOW AND MEDIUM CARBON STEEL CLINCH NUTS REQUIRING A ZINC FINISH, ADD THE LETTER "Z" TO THE END OF THE PART NUMBER.

EXAMPLE OF PART NUMBER:

M45938/11-1CL



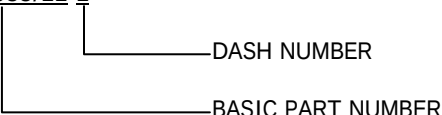
M45938/11-1CL = SELF-LOCKING, FLOATING, CLINCH NUT, CRES 303 STEEL, .112-40 UNC-3B, SOLID FILM LUBRICANT.

M45938/11-1Z



M45938/11-1Z = NON-LOCKING, FLOATING CLINCH NUT, CARBON STEEL, .112-40 UNC-3B; ZINC FINISH

M45938/11-1



M45938/11-1 = NON-LOCKING, FLOATING, CLINCH NUT, CARBON STEEL, .112-40 UNC-3B; CADMIUM FINISH

NOTES:

- (1) DIMENSIONS IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- (2) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (3) PLAIN THREADS SHALL BE CLASS 2B IN ACCORDANCE WITH MIL-S-7742. SELF-LOCKING THREADS SHALL BE CLASS 3B IN ACCORDANCE WITH MIL-S-7742. THE UPPER PORTION OF THE NUT SHALL BE DEFORMED TO PROVIDE SELF-LOCKING FEATURE, WITH PERFORMANCE AS SPECIFIED IN NASM25027.
- (4) FLOAT OF THE NUT PORTION OF THE ASSEMBLY SHALL NOT BE LESS THAN .015 RADIALLY FROM A CENTERED POSITION.

① COMPLETELY REVISED

|                     |
|---------------------|
| REVISION            |
| <b>1</b>            |
| <b>NASM45938-11</b> |
| SHEET 2             |



Documents

Document Sharing Hub