

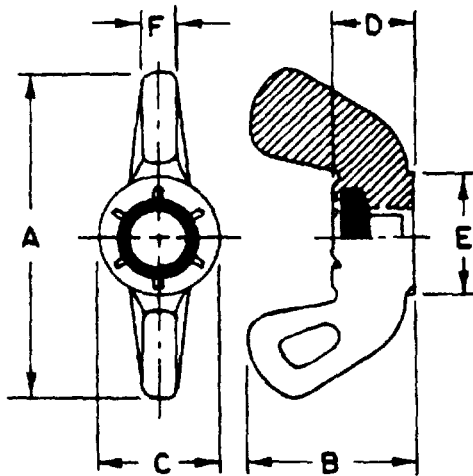
EFFECT CLASS
5310

TABLE 1 DASH NUMBERS AND DIMENSIONS

| DASH NUMBER | THREAD 2B | DIMENSIONS | | | | | | | | | | | |
|-------------|-------------|------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | A | | B | | C | | D | | E | | F | |
| | | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN | MAX | MIN |
| -082 | 1640-12 UNC | | | | | | | | | | | | |
| -102 | 1900-32 UNF | 1.06 | 1.00 | .53 | .47 | .40 | .33 | .27 | .21 | .40 | .33 | .12 | .08 |
| -104 | 1900-24 UNF | | | | | | | | | | | | |
| -420 | 2500-20 UNC | 1.30 | 1.20 | .62 | .56 | .47 | .41 | .33 | .27 | .47 | .41 | .14 | .10 |
| -428 | 2500-28 UNF | | | | | | | | | | | | |
| -518 | 3125-18 UNC | 1.53 | 1.47 | .75 | .69 | .59 | .53 | .36 | .30 | .59 | .53 | .18 | .14 |
| -616 | 3750-16 UNC | | | | | | | | | | | | |

REQUIREMENTS

- MATERIAL:** ZINC DIE CASTING ALLOY, TYPE C, STYLE 1 SHALL BE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION AND QQ-Z-363 (UNS 33520). LOCKING INSERT, NYLON OR EQUIVALENT (250° F) SHALL BE IN ACCORDANCE WITH MIL-F-18240.
- PROTECTIVE COATING:** UNPLATED.
- THREADS:** THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 21.
- BEARING SURFACE:** BEARING SURFACE SHALL BE $90^\circ \pm 3^\circ$ TO THE AXIS OF THE THREADED HOLE.
- LOCKING INSERT:** LOCKING INSERT SHALL MEET THE LOCKING TORQUE REQUIREMENTS OF MIL-N-25027 THUMB AND FINGER PRESSURE ONLY, NOT TO EXCEED 20 INCH-POUNDS.
- PART NUMBER:** THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE 1.

EXAMPLE MS51553-082

DASH NUMBER

BASIC MS NUMBER

MS51553-082 INDICATES NUT, SELF-LOCKING, WING, 1640-32 UNC-2B, DIMENSIONS FROM TABLE 1.

NOTES

- ALL DIMENSIONS ARE IN INCHES.
- IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
- REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FROM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

| | | | |
|--|---------------------------|--|----------------------------------|
| PA ARMY - AR Other: Galt AIR FORCE-99 | INTERNATIONAL INTEREST | TITLE NUT, SELF - LOCKING, WING | MILITARY STANDARD MS51553 |
| PROCUREMENT SPECIFICATION ANSI B 18.17 | SUPSEDES | PAGE 1 | OF 1 |

DD FORM 672-1 COORDINATED

5310-1522

UNCLASSIFIED
ARMY - AV
NAVY - MCUNCLASSIFIED
ARMY - ME, MI
DLA - ISDISTRIBUTION STATEMENT A Approved for public release, distribution is unlimited.
This military standard is approved for use by all Departments and Agencies of the Department of Defense.
Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

AMSC N/A

APPROVED 31 AUG 1987
REVISED