

FED. SUPPLY CLASS

5310

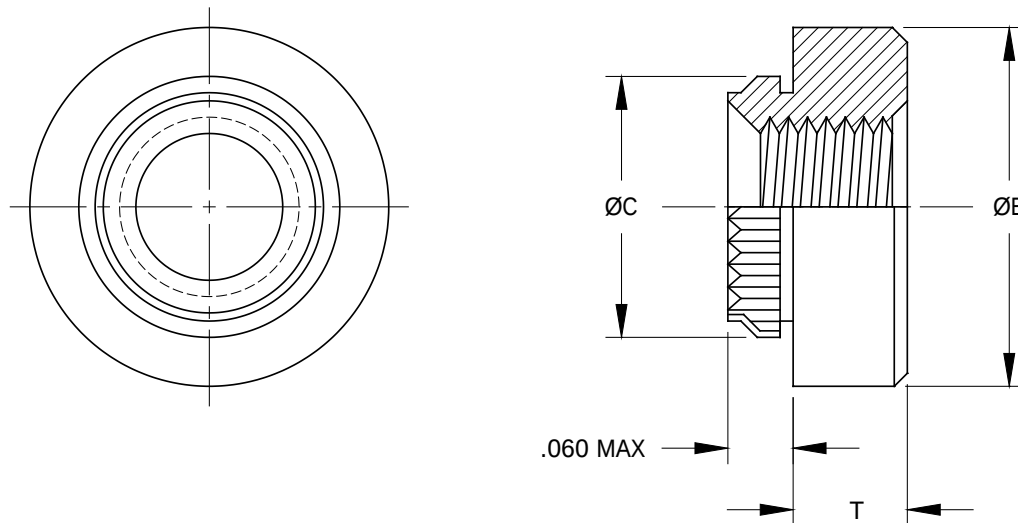


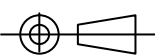
FIGURE 1 – CONFIGURATION 1/1

TABLE I – DASH NUMBERS AND DIMENSIONS

DASH NO.		THREAD	HOLE DIA	ØC	ØE	T	CENTER OF
CARBON	CRES	MIL-S-7742	IN BOARD	±.003	±.005	±.005	HOLE TO
STEEL			+ .003 - .000				BOARD EDGE MIN
1	1C	.0860-56 UNC-2B (2-56)	.147	.165	.219	.065	.16
2	2C	.1120-40 UNC-2B (4-40)	.166	.184	.219	.065	.17
3	3C	.1380-32 UNC-2B (6-32)	.213	.231	.281	.065	.22
4	4C	.1640-32 UNC-2B (8-32)	.250	.268	.344	.096	.25
5	5C	.1900-32 UNF-2B (10-32)	.272	.290	.375	.127	.28

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-N-45938/12, REVISION B. PART NUMBERS REMAIN M45938/12.

THIRD
ANGLE
PROJECTION



CUSTODIAN

NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION

2

PROCUREMENT
SPECIFICATION

TITLE

NUT, PLAIN, SPLINE, ROUND

CLASSIFICATION
PART STANDARD

NASM45938

NASM45938-12

SHEET 1 OF 3

MATERIAL:

- ② CARBON STEEL, HEAT TREATED TO A CASE HARDNESS OF 35 HRC. /8/
CRES – TYPE 303 (UNS S30300) PER AMS5640. /8/

FINISH:

- ② CARBON STEEL SHALL BE ELECTROPLATED TIN PER ASTM B545.
CRES SHALL BE CLEANED AND DESCALED IN ACCORDANCE WITH ASTM A380/A380M AND PASSIVATED
IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.

CODE:

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

EXAMPLE OF PART NUMBER:

- ② M45938/12-5C = INDICATES .1900-32 UNF-2B NUT, PLAIN, ROUND SPLINE, CRES (303).
DASH NUMBER
BASIC PART NUMBER

NOTES:

- /1/ SHANK PROFILE MAY VARY.
- (2) PUSH-OUT AND TORQUE-OUT VALUES SHALL BE AS SPECIFIED IN TABLE II WHEN PROPERLY INSTALLED
IN .060 INCH MINIMUM THICK G-10 FIBERGLASS BOARD.
- (3) DIMENSIONS IN INCHES AND APPLY AFTER FINISH UNLESS OTHERWISE SPECIFIED.
- (4) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (5) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE
APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- ② (6) UNLESS OTHERWISE SPECIFIED HEREIN, REFERENCED DOCUMENTS SHALL BE THE ISSUE IN EFFECT ON
DATE OF MANUFACTURE. HOWEVER, EXISTING MATERIAL INVENTORY CERTIFIED TO A PREVIOUS
REVISION OF THE APPLICABLE MATERIAL SPECIFICATION(S) IS ACCEPTABLE FOR USE UNTIL
DEPLETION.
- (7) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.
- ② /8/ FOR USE IN ALL TYPES OF PRINTED CIRCUIT BOARDS, AND ACRYLIC AND POLYCARBONATE PANELS.