

FED. SUPPLY CLASS

5310

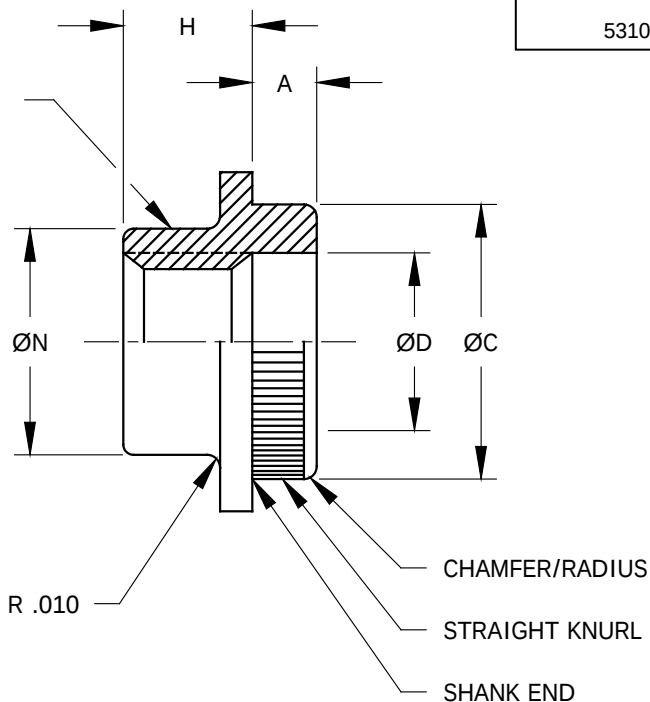
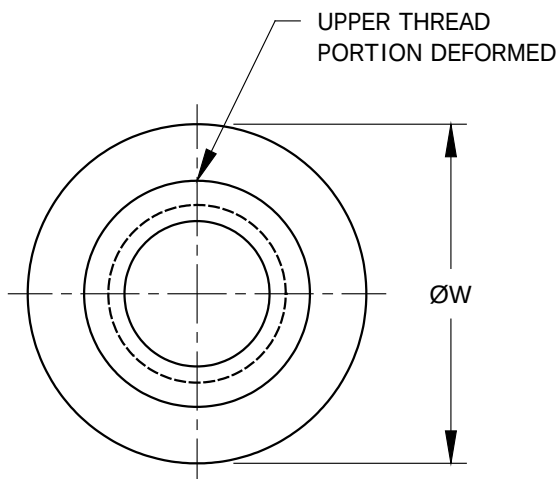


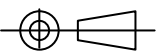
FIGURE 1 – NUT, SELF-LOCKING, CLINCH,
(SWAGE-CLINCHING, KNURLED SHANK, MINIATURE, 450 °F OR 800 °F)

TABLE I – DASH NUMBERS AND DIMENSIONS

DASH NO.			THREAD SIZE	A SHANK LENGTH ±.003	SHEET THICKNESS	DIAMETER HOLE SIZE IN SHEET ±.001	ØC ±.002	ØD +.005 –.000	H ±.010	ØN MAX	ØW ±.010
CARBON OR ALLOY STEEL /7/	CRES TYPE 303	CRES TYPE A286									
1P	1S	1C	.0860-56 UNJC-3B	.040	.030 TO .049	.125	.129	.096	.085	.118	.156
2P	2S	2C		.060	.050 AND UP						
3P	3S	3C	.1120-40 UNJC-3B	.040	.030 TO .049	.156	.160	.128	.112	.154	.203
4P	4S	4C		.060	.050 AND UP						
5A	5S	5C	.1380-32 UNJC-3B	.040	.030 TO .049	.188	.192	.152	.120	.182	.234
6A	6S	6C		.060	.050 AND UP						
7A	7S	7C	.1640-32 UNJC-3B	.040	.030 TO .049	.219	.223	.178	.120	.207	.281
8A	8S	8C		.060	.050 AND UP						
9A	9S	9C	.1900-32 UNJF-3B	.040	.030 TO .049	.250	.254	.210	.120	.231	.328
10A	10S	10C		.060	.050 AND UP						
11A	11S	11C	.2500-28 UNJF-3B	.040	.030 TO .049	.312	.316	.255	.214	.306	.391
12A	12S	12C		.060	.050 AND UP						

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-N-45938/6, REVISION C. PART NUMBERS REMAIN M45938/6.

THIRD
ANGLE
PROJECTION



CUSTODIAN
NATIONAL AEROSPACE STANDARDS COMMITTEE

REVISION
2

PROCUREMENT
SPECIFICATION

NASM45938

TITLE
**NUT, SELF-LOCKING, CLINCH,
(SWAGE-CLINCHING, KNURLED SHANK, MINIATURE,
450 °F OR 800 °F)**

CLASSIFICATION
PART STANDARD

NASM45938/6
SHEET 1 OF 5

MATERIAL:

- ② CARBON STEEL – GRADE 1018 (UNS G10180) PER ASTM A510/A510M, FOR SIZES .0860 AND .1120.
 ALLOY STEEL – GRADE 4130 (UNS G41300) PER ASTM A322.
 CRES – GRADE 303 (UNS S30300) PER AMS5640, TYPE I.
 HEAT RESISTANT STEEL AND CRES – TYPE A286 (UNS S66286) PER AMS5734.

FINISH:

CARBON AND ALLOY STEEL: CADMIUM PLATED IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, CLASS 3.
 TYPE 303 CRES: PASSIVATED IN ACCORDANCE WITH AMS2700, METHOD 1, CLASS 4.
 TYPE A286 HEAT RESISTANT STEEL AND CRES: PASSIVATED IN ACCORDANCE WITH AMS2700,
 METHOD 1, CLASS 4, OR SILVER PLATE IN ACCORDANCE
 WITH AMS2410.

LUBRICATION:

CARBON AND ALLOY STEEL: OPTIONAL SOLID FILM LUBRICANT IN ACCORDANCE WITH AS5272, TYPE I.
 TYPE 303 CRES: OPTIONAL SOLID FILM LUBRICANT IN ACCORDANCE WITH AS5272, TYPE I.
 TYPE A286 HEAT RESISTANT STEEL AND CRES: OPTIONAL SOLID FILM LUBRICANT IN ACCORDANCE
 WITH AS5272, TYPE I.
 UNDER NO CIRCUMSTANCES WILL SILVER PLATING AND SOLID FILM LUBRICANT BOTH BE APPLIED TO
 A286 CRES.

CODE:

THE PART NUMBER SHALL CONSIST OF THE LETTER "M", THE BASIC NUMBER OF THIS SPECIFICATION
 SHEET, A DASH NUMBER TAKEN FROM TABLE I AND AN ADDITIONAL FINISH CODE INDICATOR,
 IF REQUIRED.
 SILVER PLATING SHALL BE INDICATED BY ADDING "S" AT THE END OF THE PART NUMBER.
 SOLID FILM LUBRICATION SHALL BE INDICATED BY ADDING "F" AT THE END OF THE PART NUMBER.

EXAMPLE OF PART NUMBER:

M45938/6 - 10C S = NUT, SELF-LOCKING, CLINCH, (SWAGE-CLINCHING, KNURLED SHANK
 MINIATURE, 450 °F AND 800 °F), TYPE A286 (UNS S66286) CRES,
 WITH SILVER PLATING.

— ADDITIONAL FINISH CODE INDICATOR

— DASH NUMBER

— BASIC PART NUMBER

REVISION

2

NASM45938-6
 SHEET 2