

FED.SUPPLY CLASS

5310

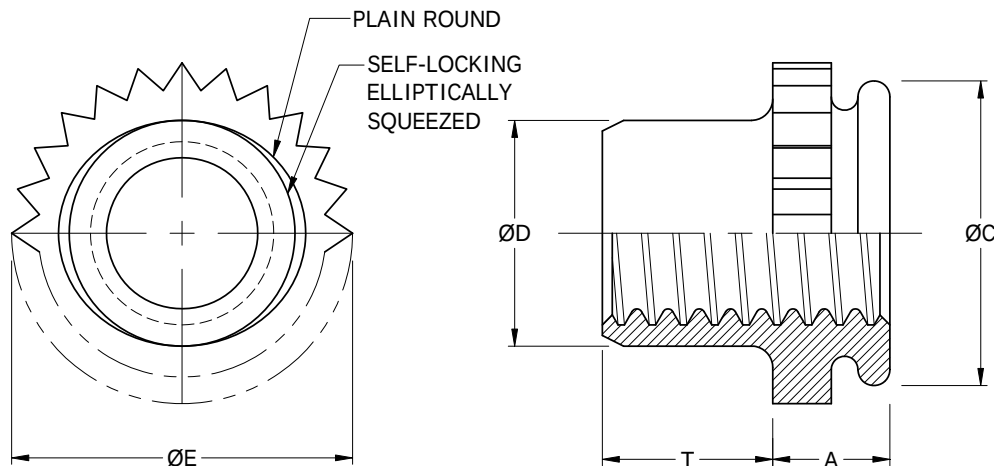


FIGURE 1 – NUT, PLAIN CLINCH AND NUT, SELF-LOCKING CLINCH,
(KNURLED COLLAR, MINIATURE, 450 °F)

TABLE I – DIMENSIONS

DASH NUMBER	THREAD SIZE /2/	A +.000 -.010	PANEL THICKNESS	HOLE SIZE IN PANEL +.003 -.000	ØC +.000 -.005	ØD MAX	ØE ±.005	T +.015 -.000	CENTER OF HOLE TO PANEL EDGE MIN
PLAIN	SELF-LOCKING								
00P	00	.0600-80 UNJF-3B	.020	.019 TO .022	.110	.109	.076	.125	.09
11P	11	.0730-64 UNJC-3B	.020	.019 TO .022	.110	.109	.090	.125	.09
01P	01	.0860-56 UNJC-3B	.020	.019 TO .022	.144	.143	.104	.160	.11
02P	02		.031	.030 TO .036			.106		
1P	1	.1120-40 UNJC-3B	.040	.039 TO .045	.172	.171	.145	.192	.14
2P	2		.060	.059 TO .070					
3P	3	.1380-32 UNJC-3B	.040	.039 TO .045	.213	.212	.180	.244	.17
4P	4		.060	.059 TO .070					
5P	5	.1640-32 UNJC-3B	.040	.039 TO .045	.290	.289	.215	.322	.20
6P	6		.060	.059 TO .070					
7P	7	.1900-32 UNJF-3B	.040	.039 TO .045	.290	.289	.245	.322	.20
8P	8		.060	.059 TO .070					
9P	9	.2500-28 UNJF-3B	.060	.059 TO .070	.344	.343	.318	.384	.28
10P	10	.2500-20 UNJC-3B							

MATERIAL: CRES 303 (UNS S30300) IN ACCORDANCE WITH AMS5640, TYPE I.

HARDNESS: 70HRB, MAX.

② COMPLETELY REVISED

THE INITIAL RELEASE OF THIS DOCUMENT SUPERSEDES MIL-N-45938/7, REVISION C. PART NUMBERS REMAIN M45938/7.

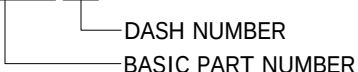
THIRD ANGLE PROJECTION	CUSTODIAN NATIONAL AEROSPACE STANDARDS COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NASM45938	TITLE NUT, PLAIN CLINCH AND NUT, SELF-LOCKING CLINCH (KNURLED COLLAR, MINIATURE, 450 °F)	CLASSIFICATION PART STANDARD
		NASM45938/7 SHEET 1 OF 3

FINISH:

SELF-LOCKING NUTS SHALL BE CADMIUM PLATED PER AMS-QQ-P-416, TYPE II, CLASS 3 FOLLOWED BY A SOLID FILM LUBRICANT TYPE I PER AS5272. ON SELF-LOCKING NUTS SIZES .0860-56 AND SMALLER, NUTS SHALL BE PASSIVATED FOLLOWED BY A CLEAR DRY FILM LUBRICANT. PLAIN NUTS SHALL BE PASSIVATED ONLY.

CODE:

THE PART NUMBER CONSISTS OF THE LETTER "M", THE BASIC NUMBER OF THIS SPECIFICATION SHEET PLUS A DASH NUMBER TAKEN FROM TABLE I.

M45938/7 -1P


EXAMPLE OF PART NUMBER:

M45938/7-1P = NUT, PLAIN, CLINCH, CRES, NOMINAL THREAD SIZE .1120-40, UNJC-3B THREAD.
M45938/7-1 = NUT, SELF-LOCKING CLINCH, CRES, NOMINAL THREAD SIZE .1120-40, UNJC-3B THREAD.

NOTES:

- (1) DIMENSIONS ARE IN INCHES AND APPLY AFTER FINISH AND PRIOR TO THE APPLICATION OF LUBRICATION UNLESS OTHERWISE SPECIFIED.
- /2/ SCREW THREADS: THREADS SHALL BE THE UNIFIED J-FORM CLASS 3 FIT IN ACCORDANCE WITH AS8879. THE METHOD OF INSPECTION SHALL BE PER FED-STD-H28/20 SYSTEM 21. THE UPPER THREADED PORTION OF THE NUT SHALL BE DEFORMED TO PROVIDE SELF-LOCKING FEATURE, WHEN SPECIFIED.
- (3) PUSH-OUT AND TORQUE-OUT: PUSH-OUT AND TORQUE-OUT VALUES SHALL BE AS SPECIFIED IN TABLE II WHEN PROPERLY INSTALLED IN ALUMINUM, GRADE 5052-H34 (UNS A95052) PER AMS-QQ-A-250/8.
- /4/ MEAN PUSH-OUT SHALL BE THE SUM OF SAMPLE PUSH-OUT VALUES DIVIDED BY THE SAMPLE SIZE. NO ONE SAMPLE VALUE, HOWEVER, SHALL BE BELOW THE MINIMUM PUSH-OUT SPECIFIED IN TABLE II.
- (5) THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.
- (6) UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- (7) 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.
- (8) DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982.

② COMPLETELY REVISED

REVISION
2
NAS M45938/7s
SHEET 2

