



CONFIGURATION OF LOCKING FEATURE (ALL METAL OR NON-METALLIC INSERT) OPTIONAL

REVIEWER: AT, AV, IS, EA, EL, GL, MJ, NS, A
USER: AS, MC, ME, DS, PA, SH, WV

* (A)	DASH NUMBER				NOMINAL SIZE	THREAD -2B	F ACROSS FLATS			G ACROSS CORNERS		H HEIGHT	Q HEX HGT	U FULL THREAD MIN
	CARBON STEEL	CRES STEEL	AL ALLOY	BRASS			NOM	MAX	MIN	MAX	MIN			
1	1C	1A	1B	6 (.138)	32UNC 40UNF	5/16	.3125	.302	.361	.344	.34	.16	.16	
2	2C	2A	2B											
3	3C	3A	3B	8 (.164)	32UNC 36UNF	5/16	.3125	.302	.361	.344	.34	.16	.16	
4	4C	4A	4B											
5	5C	5A	5B	10 (.190)	24UNC 32UNF	3/8	.3750	.362	.433	.413	.41	.19	.19	
6	6C	6A	6B											
7	7C	7A	7B	1/4 (.250)	20UNC 28UNF	7/16	.4375	.428	.505	.488	.47	.22	.25	
8	8C	8A	8B											
9	9C	9A	9B	5/16 (.312)	18UNC 24UNF	1/2	.5000	.489	.577	.557	.53	.25	.31	
10	10C	10A	10B											
11	11C	11A	11B	3/8 (.375)	16UNC 24UNF	9/16	.5625	.551	.650	.628	.62	.28	.38	
12	12C	12A	12B											
13	13C	13A	13B	7/16 (.438)	14UNC 20UNF	5/8	.6250	.612	.722	.698	.69	.31	.44	
14	14C	14A	14B											
15	15C	15A	15B	1/2 (.500)	13UNC 20UNF	3/4	.7500	.736	.866	.840	.81	.38	.50	
16	16C	16A	16B											
17	17C	17A	17B	9/16 (.562)	12UNC 18UNF	7/8	.8750	.861	1.010	.982	.94	.44	.56	
18	18C	18A	18B											
19	19C	19A	19B	5/8 (.625)	11UNC 18UNF	15/16	.9375	.922	1.083	1.051	1.00	.47	.62	
20	20C	20A	20B											
21	21C	21A	21B	3/4 (.750)	10UNC 16UNF	1-1/16	1.0625	1.045	1.227	1.191	1.16	.53	.75	
22	22C	22A	22B											

NOTES:

- MATERIAL:** Steel, carbon, grade A, in accordance with procurement specification.
Steel, corrosion-resisting, in accordance with procurement specification.
Aluminum alloy in accordance with procurement specification.
Brass in accordance with procurement specification.
Non-metallic insert shall be nylon or equivalent.
- PROTECTIVE COATING:** Steel, carbon: Cadmium plated in accordance with procurement specification.
Steel, corrosion-resisting: Passivated in accordance with procurement specification.
Aluminum alloy: Anodized in accordance with procurement specification.
Brass: Uncoated.
- THREADS:** The threads shall be in accordance with the procurement specification.
- DIMENSIONS:** All dimensions are in inches. Dimensions and tolerances not shown shall be in accordance with SAE Standard J483 (low crown).
- PART NUMBER:** The MS part number consists of the MS number, plus the dash number.
Example: MS51865-1.
- Referenced documents shall be of the issue in effect on date of invitations for bid.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- These nuts shall be used in accordance with the limitations of MS33588.

(A)* LINED OUT DASH NUMBERS ARE INACTIVE FOR NEW DESIGN AFTER 15 JAN 1976.

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.

APPROVED 22 JUN 1970 REVISED (A) 15 JAN 1976

P.A. WC Other Cont 82	TITLE NUT, SELF-LOCKING, CAP-GENERAL PURPOSE, 250°F	MILITARY STANDARD MS51865
PROCUREMENT SPECIFICATION MIL-N-45913	SUPERSEDES:	SHEET 1 OF 1