

REVIEWED: 21 JUL 1972
 BY: AT, MC, MIA, 11
 CL, MC, MIA, 11
 USER:

This military standard is approved for use by all Departments and Agencies of the Department of Defense. It is the policy of the Department of Defense that all engineering and design applications and for repetitive use shall be made from this document.

NOMINAL SIZE OR BASIC MAJOR DIAMETER OF THREAD		1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	7/8	1
THREADS PER INCH		20	18	16	14	13	12	11	10	9	8
F WIDTH ACROSS FLATS	MIN.	7/16	1/2	9/16	11/16	3/4	7/8	15/16	1-1/8	1-5/16	1-1/2
	MAX.	.4375	.5000	.5625	.6250	.6875	.7500	.8125	.8750	.9375	1.0000
G WIDTH ACROSS CORNERS	MIN.	.406	.468	.531	.594	.656	.719	.781	.844	.906	1.000
	MAX.	.505	.567	.630	.692	.754	.816	.878	.940	1.002	1.064
H THICKNESS	MIN.	7/32	17/64	21/64	3/8	7/16	31/64	31/64	41/64	3/4	55/64
	MAX.	.226	.271	.316	.361	.406	.451	.496	.541	.586	.631
	MIN.	.212	.258	.303	.348	.393	.438	.483	.528	.573	.618
MATERIAL	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
BRASS	1	2	3	4	5	6	7	8	9	10	

NOMINAL SIZE OR BASIC MAJOR DIAMETER OF THREAD		1-1/8	1-1/4	1-3/8	1-1/2	1-3/4	2	2 1/4	2-1/2	2-3/4	3
THREADS PER INCH		7	7	6	6	5	4-1/2	4-1/2	4	4	4
F WIDTH ACROSS FLATS	MIN.	1-11/16	1-7/8	2-1/16	2-1/8	2-3/8	3	3-3/8	3-3/4	4-1/8	4-1/2
	MAX.	1.6875	1.8750	2.0625	2.2500	2.4375	2.6250	2.8125	3.0000	3.1875	3.3750
G WIDTH ACROSS CORNERS	MIN.	1.631	1.812	1.994	2.175	2.356	2.538	2.719	2.900	3.081	3.262
	MAX.	1.949	2.165	2.382	2.598	2.814	3.030	3.246	3.462	3.678	3.894
H THICKNESS	MIN.	31/32	1-1/16	1-11/64	1-9/32	1-1/2	1-23/32	1-59/64	2-9/64	2-23/64	2-37/64
	MAX.	.979	1.091	1.203	1.315	1.427	1.539	1.651	1.763	1.875	1.987
	MIN.	.939	1.050	1.162	1.274	1.386	1.498	1.610	1.722	1.834	1.946
MATERIAL	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.
BRASS	11	12	13	14	15	16	17	18	19	20	

NOTES:

- MATERIAL:** Brass, Naval, in accordance with QQ-B-637, alloy no. 462, hard or alloy no. 464, half-hard.
- PROTECTIVE COATING:** Black chemical finish in accordance with MIL-P-495.
- THREADS:** The threads shall be in accordance with Screw-Thread Standards For Federal Services, Handbook H28.
- DIMENSIONS:** All dimensions are in inches, unless otherwise specified.
- PART NUMBER:** The NS part number consists of the NS number, plus the dash number.
Example: NS51969-1.
- 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.

(B) For changes see sheets 1 and 2.

P.A. WC	TITLE	MILITARY STANDARD
Other Cont. EN 82	NUT, PLAIN, HEXAGON-BRASS,	
	(B) BLACK CHEMICAL FINISH, UNC-2B	MS51969
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 1 OF 2
FF-K-636	MS51969 in part	

APPROVED 20 JUN 1964 REVISED 22 MAR 1967 24 JUL 1972

FED. SUP. CLASS
5310

INTERCHANGEABILITY TABLE

The following nuts covered by the dash numbers given in MS51969 are cancelled after the date indicated on the cancelled document. Use the dash numbers given in the preceding sheet. The cancelled nuts cannot always replace the new nuts and should be used until existing stocks are depleted. Use only the new nuts for design and replacement. Replacement shall be in accordance with TABLE II. Interchangeability information regarding part numbers on superseded drawings is also contained in TABLE II.

TABLE II

PART NUMBERS

CANCELLED MS51969	NEW MS51969	CANCELLED MS51969C	NEW MS51969	CANCELLED MS51969	NEW MS51969
411	1	911	6	2411	14
412	2	1011	7	2811	15
511	3	1211	8	3211	16
512	4	1411	9	3611	17
611	5	1611	10	4011	18
612	6	1811	11	4411	19
711	7	2011	12	4811	20
811	8	2211	13		

REVIEWER: AT, AV, IS, MC, NSA, 11
USDA: CL, MC, RL, TD

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APPROVED 20 JAN 1964 REVISED 22 MAR 1967 (B) FOR CHANGES SEE SHEET 1 AND 2.

P.A.	MC	TITLE	MILITARY STANDARD
Other Code	SH 82	NUT, PLAIN, HEXAGON-BRASS, (B) BLACK CHEMICAL FINISH, UNC-2B	MS 51969
PROCUREMENT SPECIFICATION	SUPERSEDED	MS 51969-1E, Part	SHEET 2 OF