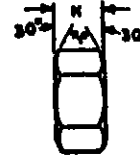
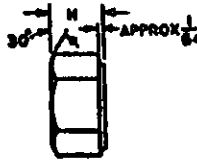
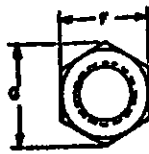


FED. SUP CLASS
5310



ACCEPTABLE DESIGNS

TABLE I

NOMINAL SIZE OR BASIC MAJOR DIAMETER OF THREAD	1/4 .2500	5/16 .3125	3/8 .3750	7/16 .4375	1/2 .5000	9/16 .5625	5/8 .6250	3/4 .7500	7/8 .8750	1.0000
THREADS PER INCH	20	18	16	14	13	12	11	10	9	8
F WIDTH ACROSS FLATS	NOM. 7/16 MAX. .6375 MIN. .428	1/2 .5000 .489	9/16 .5625 .551	11/16 .6875 .675	3/4 .7500 .736	7/8 .8750 .861	15/16 .9375 .922	1-1/8 1.1250 1.088	1-3/16 1.3125 1.269	1-1/2 1.5000 1.450
G WIDTH ACROSS CORNERS	MAX. .505 MIN. .468	.577 .557	.650 .628	.794 .768	.866 .840	1.010 .982	1.083 1.051	1.299 1.240	1.516 1.447	1.732 1.657
H THICKNESS	NOM. 7/32 MAX. .226 MIN. .212	17/64 .266 .258	21/64 .328 .320	3/8 .375 .365	7/16 .438 .427	31/64 .484 .473	31/64 .484 .473	41/64 .641 .617	3/4 .750 .724	55/64 .859 .831
MATERIAL	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 1.1250	1-1/4 1.2500	1-3/8 1.3750	1-1/2 1.5000	1-3/4 1.7500	2 2.0000	2 1/4 2.2500	2-1/2 2.5000	2-3/4 2.7500	3 3.0000
THREADS PER INCH	7	7	6	6	5	4-1/2	4-1/2	4	4	4
F WIDTH ACROSS FLATS	NOM. 1-11/16 MAX. 1.6675 MIN. 1.631	1-7/8 1.8750 1.812	2-1/16 2.0625 1.994	2-1/8 2.2500 2.175	2-3/8 2.6250 2.538	3 3.0000 2.900	3-3/8 3.3750 3.262	3-3/4 3.7500 3.625	4-1/8 4.1250 3.988	4-1/2 4.5000 4.350
G WIDTH ACROSS CORNERS	MAX. 1.949 MIN. 1.859	2.165 2.066	2.382 2.273	2.598 2.480	3.031 2.893	3.464 3.306	3.897 3.719	4.330 4.133	4.763 4.546	5.196 4.959
H THICKNESS	NOM. 31/32 MAX. .979 MIN. .959	1-1/16 1.062 1.030	1-11/64 1.208 1.198	1-9/32 1.317 1.285	1-1/2 1.540 1.460	1-23/32 1.783 1.675	1-59/64 1.970 1.876	2-9/64 2.193 2.089	2-23/64 2.413 2.303	2-37/64 2.638 2.518
MATERIAL	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.

REVISIONS: (A) 22 MAR 1967 (B) 24 JUL 1972

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 specifications and drawings shall be made from this document. Applications and for repetitive use shall be made from this document.

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

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	2611	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		1811	11	4411	19
711		2011	12	4811	20
811		2211	13		

REVIEWER: AT, AV, IS, MC, NSA, SI
USERS: CL, MC, RL, TD

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

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

P.A. Other Cost	WF SH 82	TITLE NUT, PLAIN, HEXAGON-BRASS, (B) BLACK CHEMICAL FINISH, UNC-2B	MILITARY STANDARD MS 51969
PROCUREMENT SPECIFICATION F-7-63	SUPERSEDES MS51969-12 part	SHEET 2 OF	