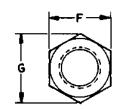
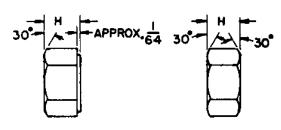
REVIEWER: AT, AV, GL, IS, MI, MU, NSA USER: EL, MC, ME, YD, OS, SH





FED. SUP CLASS 5310

REVISED

¥

APPROVED 20

ACCEPTABLE DESIGNS

ΓAI	ΗL	.r.	- 1

NOMINAL SIZE OR BASIC MAJOR DIAMETER OF THREAD	1/4 ,2500	5/16 .3125	3/5 .3750	7/16 .4375	1/2 .5000	9/16 .5625	5/ 8 .6250	3/4 .7500	7/ 8 .5750	1.0000	
THREADS PER INCH	20	Je	16]-1	13	12	11	10	9	8]
WIDTH NOM. F ACROSS MAX. FLATS MIN.	7/16 .4375 .428	1/2 .5000 .489	9/16 .5625 .551	11/16 .6575 .675	3/4 .7500 .736	7/6 .8750 .661	15/16 .9375 .922]-1/F 1.1250 1.056	1-5/16 1.3125 1.269	1-1/2 1.5000 1.450	1970
WIDTH G ACROSS MAX. CORNERS MIN.	.505	.577 .557	.650 .628	.794 .768	.866 .840	1.010	1.053	1.299 1.240	1.516 1.447	1.732	30 MAR
H THICKNESS MAX.	7/32 .226 .212	17/64 .273 .258	21/64 .337 .320	3/8 .385 .365	7/16 .448 .427	31/64 .496 .473	35/64 .559 .535	41/64 .665 .617	3/4 .776 .724	55/64 .557 .631	(0
MATERIAL	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	9961
STEEL, CARBON B GRADE C	2 3	5 6	5 9	10 11 12	13 14 15	16 17 16	19 20 21	22 23 24	25 26 27	26 29 30	NON
NOMINAL SIZE OR BASIC MAJOR DIAMETER OF THREAD	1-1/9	1-1/4 1.2500	1-3/8 1.3750	1-1/2 1.5000	1-3/4 1.7500	2.0000	2-1/4 2.2500	2-1/2 2.5000	2-3/4 2.7500	3 3.0000	<u>-</u> ن
THREADS PER 1NCH	7	7	6	6	5	4-1/2	4-1/2	4	4	4	ľ
WIDTH NOM. F ACROSS MAX. FLATS MIN.	1-11/16 1.6975 1.631	1-7/5 1.8750 1.812	2-1/16 2.0625 1.994	2-1/4 2.2500 2.175	2-5/8 2.6250 2.536	3 3.0000 2.900	3-3/5 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	9961
WIDTH MAX. G ACROSS MIN. CORNERS MIN.	1.949 1.859	2.165 2.066	2.382 2.273	2.598 2.480	3.031 2.593	3.464 3.306	3.597 3.719	4.330 4.133	4.763 4.546	5.196 4.959	SEPT
H THICKNESS MAX. MIN.	31/32 .999 .939	1-1/16 1.094 1.030	1-11/64 1.206 1.138	1-9/32 1.317 1.245	1-1/2 1.540 1.460	1-23/32 1.763 1.675	1-59/64 1.970 1.874	2-9/64 2.193 2.0 ⁸ 9	2-23/64 2.415 2.303	2-37/64 2.635 2.515	64 B B
MATERIAL	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	PASH NO.	
STEEL, CARBON B GRADE C	31 32 33	34 35 36	37 38 39	40 41 42	43 44 45	46 47 46	49 50 51	52 53 54	55 56 57	56 59 60	APR O
											IG

MATERIAL: Steel, Carbon, Grade 🛳 B, or C, in accordance with procurement specification. Finished nuts shall meet the required proof loads as specified in the procurement speci-

fication.

PROTECTIVE COATING: Cadmium plate in accordance with procurement specification.

THREADS: Threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook

DIMENSIONS:

PART NUMBER:

Phreads shall be in accordance
H-28:
All dimensions are in inches, unless otherwise specified.
R: The MS part number consists of the MS number, plus the dash number.
Example: MS51967-2.

Beforemed documents shall be of the issue in effect on date of invi ${1 \choose 2}$ NOTES: Referenced documents shall be of the issue in effect on date of invitations for bid. For design feature purpose, this standard takes precedence over procurement documents referenced herein.

*CANCELLED, see Table II.

(D) For changes see sheet 3.

P.A. WC Other Cust	TITLE CARRY USEXACON CASSON STEEL CARRYINA	MILITARY STANDARD			
82	NUT, PLAIN, HEXAGON—CARBON STEEL, CADMIUM PLATED, UNC—2B (IN./MM)	MS 51967			
PROCUREMENT SPECIFICATION FF-N-836	SUPERSEDES: MS35690 in part and BUNX1 in part	SHEET 1 OF 3			

APPROVED 20 JAN 1964

INTERCHANCEABILITY TABLE

The nuts covered by the following dash numbers given in MS35690 are cancelled after 30 September 1965, as given on that document. The nuts covered by the following cancelled dash numbers given in MS51967 are cancelled after 8 SEPT.1966. 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.

TABLE II

		PART NUMBER	- 1	Т.	PART NUMBER			PART NUMBER			
⋖	CANCELLED	CANCELLED	NEW	CANCELLED	CANCELLED	NEW	CANCELLED	CANCELLED	NEW	1	
N T	MS35690	MS51967	MS51967	MS35690	MS51967	MS51967	MS35690	MS51967	MS51967	-	
MU, 5,5	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	DASH NO.	4	
REVIEVER: AT, AV, GL, IS, MI, MU, NSA USER: EL, MC, ME, YD, <i>OS, SH</i>	402 403 405 406 408 409	1	2 2 2 2 2 3 3	1202 1203 1205 1206 1208 1209	22	23 23 23 23 23 23 24 24	2802 2803 2805 2806 2808 2809	43	44 44 44 44 45 45	SHEET 3.	
REVIEWER: A' USER: E	502 503 505 506 508 509	4	5 5 5 5 5 6 6	1402 1403 1405 1406 1408 1409	25	26 26 26 26 26 27 27	3202 3203 3205 3206 3208 3209	46	47 47 47 47 47 48 48	CHANGES SEE	
	602 603 605 606 608 609	7	888899	1602 1603 1605 1606 1608 1609	28	29 29 29 29 29 30 30	3602 3603 3605 3606 3608 3609	49	50 50 50 50 50 51 51	1966 (D) FOR C	
	702 703 705 706 708 709	10	11 11 11 11 11 12 12	1802 1803 1805 1806 1808 1809	31	32 32 32 32 32 32 33 33	4002 4003 4005 4006 4008 4009	52	53 53 53 53 53 54 54	O 17 NOV	
esign Unent.	802 803 805 806 808 809	13	14 14 14 14 14 15	2002 2003 2005 2006 2008 2009	34	35 35 35 35 35 36 36	4402 4403 4405 4406 4408 4409	55	56 56 56 56 56 57	B 8 SEP 1966	
-s and agencies of the new engineering and design be made from this document	902 903 905 906 908 909	16	17 17 17 17 17 18 18	2202 2203 2205 2206 2208 2209	37	38 38 38 38 38 39 39	4802 4803 4805 4806 4808 4809	58	59 59 59 59 59 60 60	10 APR 1964	
or all new eng shall be made	1002 1003 1005 1006 1008 1009	19	20 20 20 20 20 20 21 21	2402 2403 2405 2406 2408 2409	40	41 41 41 41 41 42 42				REVISED (A)	

NOTE: For material, protective coating, and other pertinent data, see sheet 1.

L			
	.A. WC	TITLE	MILITARY STANDARD
۱	Other Circl 82	NUT, PLAIN, HEXAGON CARBON STEEL,	
		CADMIUM PLATED, UNC-2B (IN./MM)	MS51967
• [7	PROCUREMENT SPECIFICATION FFN-836	SUPERSEDES: MS35690 in part and BUNX1 in part	SHEET 2 OF

This military standard has been approved by the Department of Defense and is mandatory 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.

