This military standard has been approved by the Department of Defens-
Department of Defense. Selection for all new engineering and design
applications and for repetitive use shall be made from this document

| NOMINAL SIZE OH HASIC MAJOR DIAMETER OF THREAD | . $2 / 40$ | $\begin{aligned} & 5 / 16 \\ & .3125 \end{aligned}$ | $.3 / 8$ | $\begin{aligned} & 7 / 16 \\ & +375 \end{aligned}$ | $5 / 2$ | $\begin{aligned} & 9 / 16 \\ & .5625 \end{aligned}$ | $\begin{gathered} 5 / 8 \\ .625 \end{gathered}$ | $\begin{gathered} 3 / 4 \\ .7500 \end{gathered}$ | $\begin{gathered} 7 / 8 \\ .6750 \end{gathered}$ | $\stackrel{1}{1.0900}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| THREADS PER 1 Sich | 20 | $1^{15}$ | 16 | 14 | 1.3 | 12 | 11 | 14 | 9 | 8 |
| $\text { F } \begin{array}{ll} \text { WIDTH } \\ \text { ACROSS } & \text { MOM. } \\ \text { FLATS } & \text { MAX. } \end{array}$ | $7 / 16$ .4375 .425 | $1 / 2$ .5004 .459 | $\begin{aligned} & 9 / 16 \\ & .5625 \\ & .551 \end{aligned}$ | $\begin{aligned} & 11 / 16 \\ & .6675 \\ & .675 \end{aligned}$ | $\begin{aligned} & 3 / 4 \\ & .7500 \\ & .736 \end{aligned}$ | $\begin{aligned} & 7 / 6 \\ & .9750 \\ & . F 6] \end{aligned}$ | $\begin{aligned} & 15 / 16 \\ & .9375 \\ & .922 \end{aligned}$ | $\begin{aligned} & 3-1 / 6 \\ & 1.3 .50 \\ & 3.046 \end{aligned}$ | $\begin{aligned} & 1-5 / 16 \\ & 1.3125 \\ & 3.269 \end{aligned}$ | $\begin{aligned} & 1-1 / 2 \\ & 1,5600 \\ & 1,450 \end{aligned}$ |
| $\mathrm{G} \begin{array}{ll}\text { WIDPTH } \\ \text { ACROSS } \\ \text { CORNERS }\end{array}$ | . 505 | .577 .557 | . 659 | .794 .765 | F66 +6.6 |  | 3.043 | 1.299 1.240 | 1.536 1.447 | $\begin{aligned} & 1.732 \\ & 1.653 \end{aligned}$ |
| H THIChNESS $\begin{aligned} & \text { NOM. } \\ & \text { MAX. } \\ & \text { MIS. }\end{aligned}$ | $7 / 32$ .226 .212 | $\begin{aligned} & 17 / 64 \\ & .273 \\ & .256 \end{aligned}$ | $21 / 64$ .337 .320 | $3 / 6$ .365 .365 | $7 / 16$ .448 .427 | $\begin{aligned} & 31 / 64 \\ & .496 \\ & .473 \end{aligned}$ | $35 / 64$ .559 .535 | $+1 / 64$ .665 .617 | $3 / 4$ .776 .724 | $55 / 64$ .867 .837 |
| MATERIAL | DASH NO. | DASH SO. | MASH No. | DASH NO. | DASH NO. | DASH N0. | DASH SO. | DASH NO | DASH No. | DASH NO. |
|  | $\frac{1}{3}$ | 5 6 | 8 | 12 | 13 14 15 | 16 17 16 | 19 20 21 | 29 23 24 | 95 26 27 | 29 29 30 |
| NOMINAL SIZE OR HASIC MAJOR DIAMETER OF THREAD | 1.1-1/50 | 1. $1.1 / 4$ | $1-3 / 5$ 1.3750 | 1.5060 | $1-3 / 4$ 1.7500 | $2.0{ }^{2}$ | $2-1 / 4$ 2.2500 | 2. $2.1 / 2$ | $2-3 / 4$ 2.7500 | $\stackrel{3}{3.0000}$ |
| THEEADS PER 1NCH | 7 | 7 | 6 | 6 | 5 | $4-1 / 2$ | 4-1/2 | 4 | 4 | 4 |
| FWIDTH NOM. <br> ACROSS MAX. <br> FLATS MIN. | $\begin{aligned} & 1-11 / 16 \\ & 1.6 .75 \\ & 1.631 \end{aligned}$ | $\begin{aligned} & 1-7 / 5 \\ & 1.9750 \\ & 1.812 \end{aligned}$ | $\begin{aligned} & 2-1 / 16 \\ & 2.0625 \\ & 1.994 \end{aligned}$ | $\begin{aligned} & 2-1 / 4 \\ & 2.2500 \\ & 2.175 \end{aligned}$ | $\begin{aligned} & 2-5 / \mathrm{F} \\ & 2.6250 \\ & 2.53 \mathrm{~F} \end{aligned}$ | $\begin{aligned} & \quad \begin{array}{c} 3 \\ 3.0000 \\ 2.900 \end{array} \end{aligned}$ | $\begin{aligned} & 3-3 / 5 \\ & 3.3750 \\ & 3.262 \end{aligned}$ | $\begin{aligned} & 3-3 / 4 \\ & 3.7500 \\ & 3.625 \end{aligned}$ | $\begin{aligned} & 4-1 / 5 \\ & +.1250 \\ & 3.9 .96 \end{aligned}$ | $\begin{aligned} & +-1 / 2 \\ & 4.5000 \\ & 4.350 \end{aligned}$ |
| $\therefore \begin{array}{ll}  & \text { KIDTH } \\ \text { ACROSS } \\ \text { CORNERS } \end{array} \quad \begin{aligned} & \text { MAX. } \\ & \text { MIN. } \end{aligned}$ | $\begin{aligned} & 1.949 \\ & 1.959 \end{aligned}$ | 2.165 2.066 | 2.352 2.273 | $\frac{2.594}{2.450}$ | $\begin{aligned} & 3.031 \\ & 2.593 \end{aligned}$ | $\begin{aligned} & 3.464 \\ & 3.306 \end{aligned}$ | $\begin{aligned} & 3.597 \\ & 3.719 \end{aligned}$ | $\begin{aligned} & 4.330 \\ & 4.133 \end{aligned}$ | $\begin{aligned} & 4.763 \\ & 4.546 \end{aligned}$ | $\begin{array}{r} 5.196 \\ 4.959 \end{array}$ |
| H THICKNESS $\begin{aligned} & \text { NOM. } \\ & \\ & \\ & \\ & \text { MAS } \\ & \text { MIS. }\end{aligned}$ | $\begin{aligned} & 31 / 32 \\ & .999 \\ & .939 \end{aligned}$ | $\begin{aligned} & 1-1 / 16 \\ & 1.094 \\ & 1.090 \end{aligned}$ | $\begin{aligned} & 1-11 / 64 \\ & 1.206 \\ & 1.135 \end{aligned}$ | $\begin{aligned} & 1-9 / 32 \\ & 1.317 \\ & 1.245 \end{aligned}$ | $\begin{aligned} & 1-1 / 2 \\ & 1.540 \\ & 1.460 \end{aligned}$ | $\begin{aligned} & 1-23 / 32 \\ & 1.763 \\ & 1.675 \end{aligned}$ | $\begin{aligned} & 1-59 / 64 \\ & 1.976 \\ & 1.874 \end{aligned}$ | $\begin{aligned} & 2-9 / 64 \\ & 2.193 \\ & 2.069 \end{aligned}$ | $\begin{aligned} & 2-23 / 64 \\ & 2.415 \\ & 2.303 \end{aligned}$ | $\begin{aligned} & 2-37 / 64 \\ & 2.636 \\ & 2.516 \end{aligned}$ |
| MATER 1 AL | NASH NO. | DASH No. | IASH No. | DASH NO. | DASH NO. | DASH No. | DASH NO. | DASH NO | DASH So. | TASH so. |
| $\begin{gathered} \text { STEEL, CARBON } \\ \text { GRADE } \end{gathered}$ | $\begin{aligned} & 31 \\ & 32 \\ & 33 \end{aligned}$ | $\begin{aligned} & -7+ \\ & 35 \\ & 36 \end{aligned}$ | $\begin{aligned} & 37 \\ & 35 \\ & 39 \end{aligned}$ | $\begin{aligned} & +8 \\ & 41 \\ & +2 \end{aligned}$ | $\begin{aligned} & 43 \\ & 44 \\ & 45 \end{aligned}$ | 46 47 48 | 49 50 51 | $\begin{aligned} & 52 \\ & 53 \\ & 54 \end{aligned}$ | 55 56 57 | $\begin{aligned} & 59 \\ & 60 \end{aligned}$ |

Finished nuts shall meet the required proof loads as specified in the procurement specification.
MATERIAL: Steel, Carbon, Grade 立 $B$, or $\mathcal{E}$, in accordance with procurement specification,
PROTECTIVE COATING: Cadmium plate in accordance with procurement specification.
THREADS: Threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook
DIMENSIONS: AII dimensions are in inches, unless otherwise specified.
PART NDMEER: The MS Pirt number consists of the MS number, plus the dash number.
Fxample: mS51967-2.
NOTES: (1) Referenced docments shall be of the issue in effect on date of invitations for bid.
(2) For design feature purpose, this standard takes precedence over procurement documents referenced herein.
\#CANCELIED, see Table II.
(D) For changes see sheet 3 .

| P.A. WC | TITLE |
| :---: | :---: |

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NUT, PLAIN, HEXAGON-CARBON STEEL, CADMIUM PLATED, UNC-2B (IN./MM)
millitary standard
MS 51967
PROCUREMENT'SPECIFICATION
$\mathrm{FF}-\mathrm{N}-\mathrm{B} 36$
SUPERTEDES
MS 35690 in part and BUXXI in part
$\begin{array}{llll}\text { SHEET } & 1 & \text { OF } & 3\end{array}$

## INTERCHANGEABILITY TABLE

The nuts covered by the following dash numters given in MS35690 are cancelled after 3p september 1965 as given on that document. The nuts covered by the following cancelled dash numbers given í MSSI967 are cancelled after g SEPT. IģG. The cancel]ed nuts cannot al ways replace the new ruts and should be used until existing stocks are depleted. gse only the new nuts for design ind replacement, Replacement shall be in accordance with Table II.

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

|  | TiTLE |  | MILITARY Standard |
| :---: | :---: | :---: | :---: |
| ${ }^{8}$ |  | CADMILM PLATED, UNC-2B (IN./MM) | MS51967 |
| Mrocmement spelifration | WFrextobs | 5. MS36690 in part and Buxx1 in part | SHEET 2 |

(D) SHEET 3 ADDED

| $\text { P, M. } \quad 4 \mathrm{C}$ | fitle <br> NUT, PLAIN, HEXAGON-GARBON STEEL, CADMIUM PLATED, UNC-2B (IN./MM) | MILTARY STA |
| :---: | :---: | :---: |
| g2 |  | HEF $H^{6}$ |
| PGOCUFEMENT 3PECIFICATION FF-N- 36 | SUPERSEEE: MS35690 in part and 日uNx in part. | \$HEET 3 OF |

