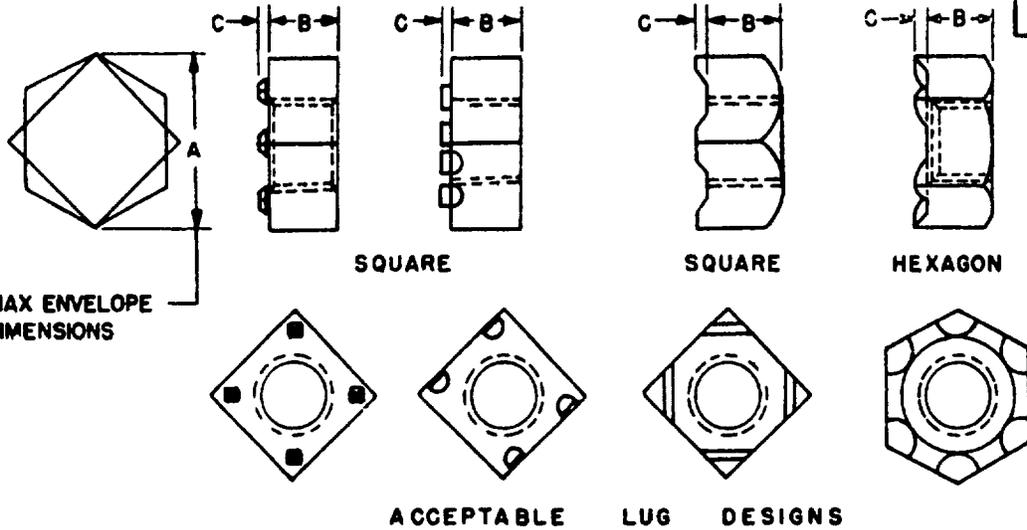


FED SUP CLASS  
5310



REVIEWER AT: AV, EA, GL, IS, MI, NSA  
SER: AS, EL, MC, ME, MU, OS, PA, SH, WV

* DASH NUMBER	NOMINAL SIZE		THREADS PER INCH	A ACROSS CORNERS MAX	B THICKNESS MAX	C LUG HEIGHT MAX	PROOF LOAD POUNDS MIN
	SQ	HEX					
10	12	#6 (.138)	32UNC-2B	.642	.126	.040	630
1	13	#8 (.164)	32UNC-2B	.642	.204	.040	970
2	14	#10 (.190)	24UNC-2B	.642	.204	.040	1200
11	15	#10 (.190)	32UNF-2B	.642	.204	.040	1380
3	16	1/4 (.250)	20UNC-2B	.810	.255	.040	2200
4	17	5/16 (.312)	18UNC-2B	.900	.313	.050	3600
5	18	3/8 (.375)	16UNC-2B	.990	.365	.050	5350
6	19	7/16 (.438)	14UNC-2B	1.170	.442	.060	7350
7	20	1/2 (.500)	13UNC-2B	1.350	.495	.060	9800
8	21	9/16 (.562)	12UNC-2B	1.370	.505	.060	12600
9	22	5/8 (.625)	11UNC-2B	1.414	.635	.060	15600

NOTES

- MATERIAL** Steel, carbon, Federal Standard No. 66, AISI 1005 thru 1020, AISI 1108 thru 1110.
- PROTECTIVE COATING:** Uncoated.
- THREADS** Threads shall be in accordance with Screw-Thread Standards for Federal Services, Handbook H-28.
- DIMENSIONS:** Dimensions are in inches unless otherwise specified.
- TOLERANCE** Bearing surface shall be at right angles to thread axis within 3°.
- PART NUMBER** The MS part number consists of the MS number, plus the dash number.  
Example MS27127-1.
- 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.

①\* 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 21 MAR 61 REVISED A 14 NOV 63 B 2 JAN 69 C 15 APR 1970 D 15 JAN 1976

P.A. WC Other Cust R2	TITLE <b>NUT, WELDING - WITHOUT PILOT</b>	<b>MILITARY STANDARD</b>
		<b>MS 27127</b>
PROCUREMENT SPECIFICATION FF-N-836	SUPERSEDES BBNX4	SHEET 1 OF 1