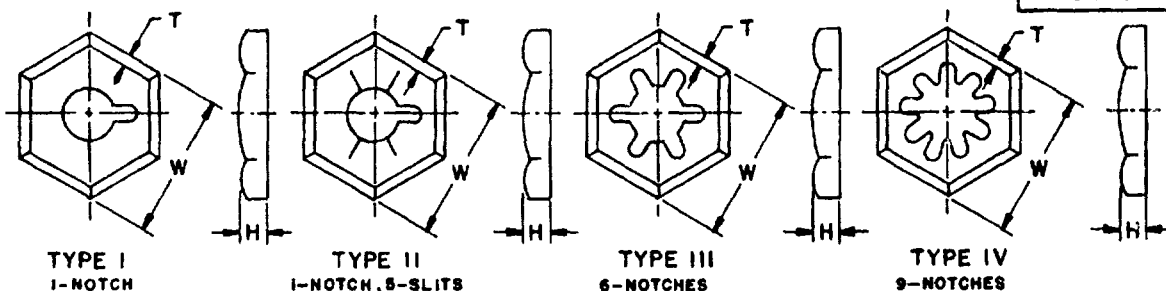


FED SUP CLASS  
5310

DASH NO.	NOMINAL SIZE AND THREADS	SERIES	TYPE	W ACROSS FLATS		H HEIGHT		T THICKNESS ±.002	INSTALL. TORQUE-REF (IN.-LBS)	TENSION REF (LBS)
				MAX	MIN	NOM	TOL			
1*	(3) .099-48UNC	MACH. SCREW	I	.187	.180	.068		.009	2	60
2*	(4) .112-40UNC	MACH. SCREW	I	.250	.241	.076		.011	5	80
3*	(5) .125-40UNC	MACH. SCREW	I	.250	.241	.080		.011	5	120
4*	(6) .138-32UNC	MACH. SCREW	I	.250	.241	.080		.012	7	130
5	(6) .138-32UNC	MACH. SCREW	II	.312	.302	.092		.013	9	130
6	(8) .164-32UNC	MACH. SCREW	II	.344	.332	.099		.013	11	150
7	(10) .190-32UNF	MACH. SCREW	II	.375	.362	.105		.013	15	150
8*	(10) .190-24UNC	MACH. SCREW	II	.375	.362	.105		.017	18	210
9*	(12) .216-24UNC	MACH. SCREW	III	.438	.423	.118		.018	27	230
10*	(14) .242-24UNC	MACH. SCREW	III	.500	.489	.125	±.010	.019	---	---
11*	(1/4) .250-20UNC	HEAVY	III	.500	.489	.134		.023	38	400
12	(1/4) .250-20UNC	REGULAR	III	.438	.428	.123		.021	38	350
13	(1/4) .250-28UNF	REGULAR	III	.438	.428	.118		.016	30	250
14*	(5/16) .3125-18UNC	HEAVY	III	.562	.547	.145		.024	70	470
15	(5/16) .3125-18UNC	REGULAR	III	.500	.489	.134		.021	52	450
16	(5/16) .3125-24UNF	REGULAR	IV	.500	.489	.129		.019	45	320
17*	(3/8) .375-16UNC	HEAVY	III	.688	.675	.154		.027	85	800
18	(3/8) .375-16UNC	REGULAR	III	.562	.551	.145		.021	70	500
19	(3/8) .375-24UNF	REGULAR	IV	.562	.551	.140		.019	65	420
20*	(7/16) .4375-14UNC	HEAVY	III	.750	.728	.168		.030	180	900
21*	(7/16) .4375-20UNF	LIGHT	IV	.625	.600	.150		.021	85	700
22*	(1/2) .500-13UNC	HEAVY	III	.875	.850	.202		.033	210	1100
23	(1/2) .500-13UNC	REGULAR	III	.750	.736	.179		.027	145	900
24	(1/2) .500-20UNF	REGULAR	IV	.750	.736	.172		.023	130	750
25*	(9/16) .5625-18UNF	REGULAR	IV	.875	.861	.193		.024	180	900
26*	(5/8) .625-11UNC	HEAVY	III	1.062	1.031	.212		.036	330	1500
27	(5/8) .625-11UNC	REGULAR	III	1.000	.969	.224		.035	370	1500
28	(5/8) .625-18UNF	REGULAR	IV	.938	.922	.203		.024	200	1000
29*	(3/4) .750-10UNC	HEAVY	III	1.250	1.212	.269		.040	640	1650
30	(3/4) .750-10UNC	REGULAR	III	1.125	1.088	.246		.038	530	1650
31	(3/4) .750-16UNF	LIGHT	IV	1.062	1.031	.225		.027	350	1150
32*	(7/8) .875-9UNC	HEAVY	III	1.438	1.394	.290		.044	---	---
33	(7/8) .875-9UNC	REGULAR	III	1.312	1.269	.280		.042	760	1700
34	(7/8) .875-14UNF	LIGHT	IV	1.250	1.207	.256		.030	500	1400
35	1.000-8UNC	HEAVY	III	1.625	1.575	.336		.049	---	---
36*	1.000-14UNF	LIGHT	IV	1.437	1.387	.280		.030	750	1600
37	1.000-12UNF	LIGHT	III	1.438	1.387	.280		.030	---	---

\* INACTIVE FOR NEW DESIGN AFTER 19 JAN 1976.

## NOTES

- MATERIAL** Steel, carbon (spring steel), AISI 1050 thru 1066 in accordance with Fed. Std. No. 66. Hardness shall be Rockwell 30N-56-66.
- PROTECTIVE COATING** Cadmium plated in accordance with Type II, Class 3 of QQ-P-416 or MIL-C-81562.
- THREADS** These nuts are intended for use with threads in accordance with Screw-Thread Standards for Federal Services, Handbook H28.
- DIMENSIONS** All dimensions are in inches.
- PART NUMBER** The MS part number consists of the MS number, plus the dash number.  
Example MS27151-2.
- Nuts shall be free of sharp edges and burrs, .010R max.
- 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.

P A WC	TITLE	MILITARY STANDARD
Other Cust YD 82	NUT, STAMPED - STANDARD TYPE	MS27151
PROCUREMENT SPECIFICATION NONE	SUPERSEDES BBSX6, ME71.101, ME71.102A	SHEET 1 OF 1

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5310-0011

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, WHEN APPLICABLE.

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

APPROVED 28 JUN 1961 REVISED (A) 25 MAR 1970 (B) 19 JAN 1976