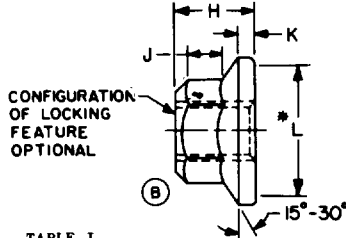
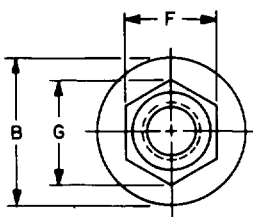


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(B)

TABLE I

DASH NO.	NOMINAL SIZE	THREADS PER INCH (-2B)	B FLANGE DIA	F WIDTH ACROSS FLATS		G WIDTH ACROSS CORNERS		H HEIGHT	J WRENCHING LENGTH	K FLANGE THICKNESS		L* BEARING DIA	
			MAX	NOM	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
1	#10 (.190)	24UNC 32UNF	.500	3/8	.3760	.362	.433	.413	.244	.12	.04	.02	.410
3	1/4 (.2500)	20UNC 28UNF	.560	7/16	.4385	.428	.505	.488	.300	.14	.06	.04	.484
5	5/16 (.3125)	18UNC 24UNF	.680	1/2	.5020	.489	.577	.557	.365	.17	.07	.05	.602
7	3/8 (.3750)	16UNC 24UNF	.810	9/16	.5645	.551	.650	.628	.425	.20	.08	.06	.730
9	7/16 (.4375)	14UNC 20UNF	.930	11/16	.6895	.675	.794	.768	.495	.23	.09	.07	.846
11	1/2 (.5000)	13UNC 20UNF	1.070	3/4	.7520	.736	.866	.840	.555	.26	.10	.08	.982

NOTES:

- MATERIAL:** Steel, grade C, in accordance with procurement specification.
- PROTECTIVE COATING:** Cadmium plated in accordance with procurement specification.
- THREADS:** The threads shall be as specified in the procurement specification.
- DIMENSIONS:** All dimensions in Table I are in inches and in Table II are in millimeters (MM), unless otherwise specified.
- PART NUMBER:** The MS part number consists of the MS number, plus the dash number. Example: MS51988-1.
- Referenced documents shall be of the issue in effect on date of invitation for bids.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Minimum bearing diameter must be flat to concave within 2 degrees when assembled without clamp load on an externally threaded part so that at least two threads project through the nut.

TABLE II  
METRIC TRANSLATION OF TABLE I

DASH NO.	NOMINAL SIZE		THDS. PER 25.4 MM (-2B)	B FLANGE DIA	F WIDTH ACROSS FLATS		G WIDTH ACROSS CORNERS		H HEIGHT	J WRENCHING LENGTH	K FLANGE THICKNESS		L* BEARING DIA	
	INCH	MM.		MAX	NOM	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
1	#10	4.826	24UNC 32UNF	12.700	9.525	9.550	9.195	10.998	10.490	6.198	3.05	1.02	.51	10.414
3	1/4	6.350	20UNC 28UNF	14.224	11.112	11.138	10.871	12.827	12.395	7.620	3.56	1.52	1.02	12.294
5	5/16	7.938	18UNC 24UNF	17.272	12.700	12.751	12.421	14.656	14.148	9.271	4.32	1.78	1.27	15.291
7	3/8	9.525	16UNC 24UNF	20.574	14.288	14.338	13.995	16.510	15.951	10.795	5.08	2.03	1.52	18.542
9	7/16	11.112	14UNC 20UNF	23.622	17.462	17.513	17.145	20.168	19.507	12.573	5.84	2.29	1.78	21.488
11	1/2	12.700	13UNC 20UNF	27.178	19.050	19.101	18.694	21.996	21.336	14.097	6.60	2.54	2.03	24.943

P.A. WC	TITLE	MILITARY STANDARD
Other Cost	NUT, SELF-LOCKING, FLANGED-PREVAILING-TORQUE, STEEL, CADMIUM, UNC AND UNF, (IN./MM)	MS51988
PROCUREMENT SPECIFICATION MIL-N-45913	SUPERSEDES:	SHEET 1

This military standard 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.

REVIEWER: IS, MI, NSA  
USER: AS, AT, AV, MC, OS, SH

APPROVED 22 NOV 1965 REVISED (A) 15 MAR 1967 (B) 22 JUN 1970