

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE ODDES SPECIFIED IN THE SOLICITATION: MIL-N-25027

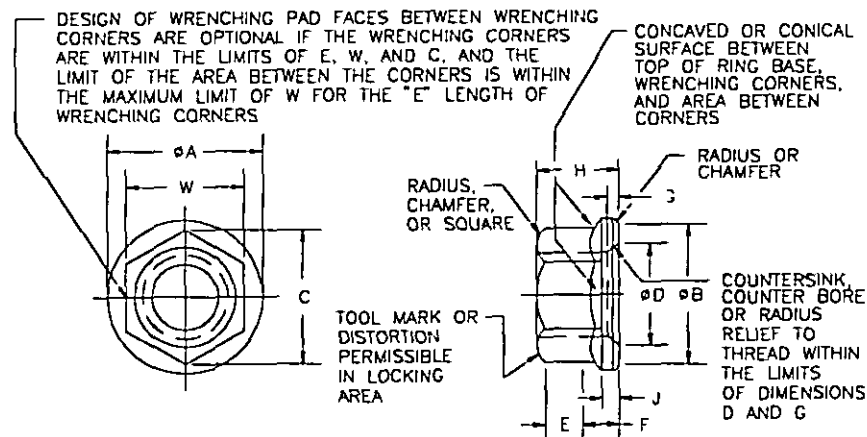


TABLE I

SIZE DASH NO.	(a) THREAD	A MAX	B MIN	C MIN	D		(d) E		F		G		H		J MIN	(c) W		(b) X	(f) WRENCHING TORQUE IN LBS	(g) AXIAL STRENGTH LBS MIN	WT LBS/100 MAX
					MAX	MIN	MIN	MIN	MAX	MIN	MAX	MIN	MAX	MIN							
04	4-40 UNJC-3B	.206	.176	.171	.142	.112	.050	.028	.027	.005	.125	.103	.010	.158	.150				11	755	.050
06	6-32 UNJC-3B	.244	.214	.207	.168	.138	.055	.039			.141	.115		.190	.181				17	1,136	.080
08	8-32 UNJC-3B	.290	.260	.244	.194	.164	.060	.041	.031	.006	.125	.103	.015	.221	.213	.003			23	1,720	.150
3	10-32 UNJF-3B	.330	.290	.277	.220	.190	.065	.043			.188	.154		.252	.243				46	2,460	.180
4	1/4-28 UNJF-3B	.420	.386	.347	.280	.250	.090	.057	.036	.007	.219	.204	.019	.316	.304				115	4,580	.350
5	5/16-24 UNJF-3B	.520	.482	.419	.342	.312	.120	.077	.042	.008	.266	.251	.250	.378	.367	.004			260	7,390	.600
6	3/8-24 UNJF-3B	.620	.575	.491	.405	.375	.125	.089			.282	.267	.030	.440	.430				450	11,450	.800

- (a) THREADS PER MIL-5-8879.
- (b) BEARING SURFACE SHALL BE SQUARE WITH PITCH DIAMETER WITHIN ".X" WHEN MEASURED IN ACCORDANCE WITH MIL-N-25027.
- (c) DIMENSIONS ACROSS FLATS INCLUDE DEFORMATION OF SELF-LOCKING ELEMENT.
- (d) MINIMUM LENGTH OF EACH WRENCHING CORNER.
- (e) MINIMUM DISTANCE FROM THE WASHER FACE OF THE NUT TO THE BEGINNING OF THE MINIMUM LENGTH OF "E" OF EACH WRENCHING CORNER.
- (f) NUTS SHALL BE TESTED FOR WRENCHING TORQUE BY USING A BOX OR SOCKET WRENCH.
- (g) TEST BOLTS SHALL BE 180,000 PSI MINIMUM.

REQUIREMENTS:

- (E) 1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL PER AMS 5525 (A286), AMS 5731 (A286) OR AMS 5732.
- 2. PLATING: SILVER PLATE ALL THREADED SURFACES ON NUT PER AMS 2410. THREADS SHALL SHOW COMPLETE COVERAGE. SILVER PLATING ON ALL OTHER SURFACES OPTIONAL. TARNISHING OR DISCOLORATION OF SILVER NOT CAUSE FOR REJECTION.
- 3. LUBRICANTS: LUBRICANT FOR SILVER PLATED NUTS SHALL BE SOLUBLE IN CLEANER SPECIFIED IN MIL-N-25027.
- 4. MAGNETIC PERMEABILITY: SHALL BE LESS THAN 2.0 (AIR=1.0) FOR A FIELD STRENGTH = 200 OERSTEDS USING A MAGNETIC PERMEABILITY INDICATOR MIL-I-17214.
- (E) 5. SURFACE TEXTURE: SURFACE ROUGHNESS SHALL BE NOT GREATER THAN 125 MICROINCHES IN ACCORDANCE WITH ANSI/ASME B46.1.

(E) DENOTES CHANGES

INCH-POUND

PREPARING ACTIVITY: DLA-15	MILITARY SPECIFICATION SHEET	SPECIFICATION SHEET NUMBER
CUSTODIANS: ARMY- AV NAVY- AIR FORCE- 11 DLA-	TITLE	MS21043 30 JUN 94 REV E
REVIEW: AR, ER, MI, OS, SH, 99.	NUT, SELF-LOCKING, 800F, REDUCED HEXAGON, REDUCED HEIGHT, RING BASE, CORROSION RESISTANT STEEL	SUPERSEDING MS21043D 27 SEP 85
USER: PROJECT NUMBER: 5310-1985		AMSC- N/A FSC-5310

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