

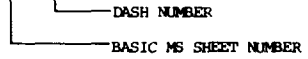
TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	ØD BOLT SIZE	ØDc +.062 CONE PT.	L -.062 + .250 LENGTH	Lt -0 +.125 THREAD LENGTH	Lc +.062 CONE LENGTH	W WIDTH ACROSS CORNERS		A WIDTH ACROSS FLATS		H HEAD HEIGHT		Z MAX	X MAX
						MIN	MAX	MIN	MAX	MIN	MAX		
-1	.500-13UNC-2A		4.500	3		.995	1.061	.725	.750	.308	.348	.040	.022
-2	.500-13UNC-2A		6.000	3		.995	1.061	.725	.750	.308	.348	.040	.022
-3	.625-11UNC-2A		6.000	3		1.244	1.326	.906	.938	.400	.444	.049	.028
-4	.625-11UNC-2A	.250	8.000	4	.250	1.244	1.326	.906	.938	.400	.444	.049	.028
-5	.625-11UNC-2A	.250	10.000	4	.250	1.244	1.326	.906	.938	.400	.444	.049	.028
-6	.625-11UNC-2A	.250	12.000	6	.250	1.244	1.326	.906	.938	.400	.444	.049	.028
-7	.625-11UNC-2A	.250	14.000	6	.250	1.244	1.326	.906	.938	.400	.444	.049	.028
-8	.625-11UNC-2A	.250	16.000	6	.250	1.244	1.326	.906	.938	.400	.444	.049	.028
-9	.625-11UNC-2A	.250	18.000	6	.250	1.244	1.326	.906	.938	.400	.444	.049	.028

REQUIREMENTS:

- MATERIAL** : MATERIAL SHALL BE STEEL GRADE 1020 OR 1025 (UNS G10200 OR G10250 IN ACCORDANCE WITH ASTM A576.
- PROTECTIVE COATING** : BOLTS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- TENSILE STRENGTH** : BOLTS WITH NUTS ASSEMBLED SHALL MEET THE TENSILE STRENGTH REQUIREMENTS LISTED IN THE PROCUREMENT SPECIFICATION.
- THREADS** : THREADS SHALL BE UNIFIED COARSE SERIES CLASS 2A IN ACCORDANCE WITH FED-STD-H28/2. PRIOR TO COATING ACCEPTABILITY OF SCREW THREADS SHALL BE IN ACCORDANCE WITH FED-STD-H28/20, SYSTEM 21. AFTER COATING, THE THREADS SHALL BE IN SUCH CONDITION THAT NUTS CAN BE RUN THE ENTIRE LENGTH OF THE THREAD WITHOUT THE USE OF TOOLS.
- FINISH** : FINISH SHALL BE IN ACCORDANCE WITH PROCUREMENT SPECIFICATION.
- MARKING** : BOLT HEADS SHALL BE MARKED WITH MS PART NUMBER AND MANUFACTURER'S SYMBOL OR OTHER MANUFACTURER'S IDENTIFICATION, IN ACCORDANCE WITH MIL-STD-130.
- PART NUMBER** : THE PART NUMBER SHALL CONSIST OF THE BASIC MS SHEET NUMBER, FOLLOWED BY A DASH NUMBER TAKEN FROM TABLE I.

EXAMPLE: MS35798-5



MS35798-5 INDICATES- BOLT, MACHINE, SQUARE HEAD, HOT GALVANIZED (POLE LINE), .625-11UNC-2A, LENGTH, 10.000.

ENTIRE STANDARD REVISED

REVIEWER ACTIVITIES: CIVIL AGENCIES & COORDINATING ACTIVITIES: USER ACTIVITIES:
 ARMY-GL, ME GSA-FSS NSA-NS
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APPROVED 19 NOV 50
 REVISED 16 OCT 87

P.A. ARMY-ER Other Cust NAVY-YD AIR FORCE-99	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, SQUARE HEAD, HOT GALVANIZED (POLE LINE)	MILITARY STANDARD MS35798
PROCUREMENT SPECIFICATION ANSI C135.1	SUPERSEDES:	PAGE OF 1 2	

FED SUP CLASS
5306

- 8. UNLESS OTHERWISE SPECIFIED, EACH BOLT SHALL BE FURNISHED WITH ONE NUT ASSEMBLED THERE-ON. NUT SHALL CONFORM TO MS21304.
- 9. TOP OF HEAD SHALL BE FLAT CHAMFERED; THE DIAMETER OF THE CHAMFER CIRCLE SHALL BE EQUAL TO THE MAX WIDTH ACROSS FLATS WITHIN A TOLERANCE OF $\pm 15\%$.

NOTES:

- 1. ALL DIMENSIONS IN INCHES.
- 2. THE MAXIMUM WIDTH ACROSS FLATS APPLIES AT ALL POINTS.
- 3. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
- 4. REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

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APPROVED 19 NOV 50 REVISED (B) FOR CHANGES SEE PAGES 1 AND 2

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