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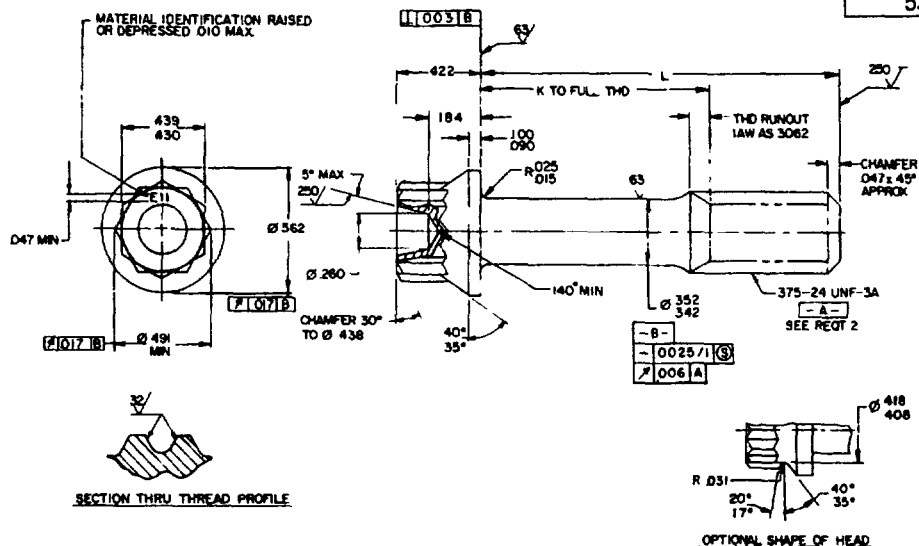
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TABLE I DASH NUMBERS AND DIMENSIONS

DASH NO.	L	K + .000 - .060	APPROX WEIGHT LBS/100	DASH NO.	L	K + .000 - .060	APPROX WEIGHT LBS/100	DASH NO.	L	K + .000 - .060	APPROX WEIGHT LBS/100
-06	750	1/	3.74	-22	1.750	750	6.44	-40	4.000	3.000	12.47
-07	812	1/	3.90	-23	1.875	875	6.77	-41	4.125	3.125	12.80
-08	875	1/	4.07	-24	2.000	1.000	7.11	-42	4.250	3.250	13.13
-09	938	1/	4.24	-25	2.125	1.125	7.44	-43	4.375	3.375	13.46
-10	1.000	1/	4.41	-26	2.250	1.250	7.78	-44	4.500	3.500	13.89
-11	1.062	1/	4.58	-27	2.375	1.375	8.11	-45	4.625	3.625	14.23
-12	1.125	.125	4.75	-28	2.500	1.500	8.44	-46	4.750	3.750	14.56
-13	1.188	.188	4.91	-29	2.625	1.625	8.78	-47	4.875	3.875	14.89
-14	1.250	.250	5.08	-30	2.750	1.750	9.12	-48	5.000	4.000	15.23
-15	1.312	.312	5.25	-31	2.875	1.875	9.46	-49	5.125	4.125	15.57
-16	1.375	.375	5.43	-32	3.000	2.000	9.80	-50	5.250	4.250	15.90
-17	1.438	.438	5.60	-33	3.125	2.125	10.13	-51	5.375	4.375	16.23
-18	1.500	.500	5.76	-34	3.250	2.250	10.47	-52	5.500	4.500	16.56
-19	1.562	.562	5.93	-35	3.375	2.375	10.80	-53	5.625	4.625	16.89
-20	1.625	.625	6.10	-36	3.500	2.500	11.14	-54	5.750	4.750	17.23
-21	1.688	.688	6.27	-37	3.625	2.625	11.47	-55	5.875	4.875	17.57
				-38	3.750	2.750	11.80	-56	6.000	5.000	17.91
				-39	3.875	2.875	12.14				

1/ THREAD TO HEAD MAXIMUM TWO IMPERFECT THREADS

## REQUIREMENTS

1. MATERIAL. STEEL AMS 6322
2. THREADS. THREADS IN ACCORDANCE WITH MIL-8-7742. INCOMPLETE THREADS NOT TO ENTER FILLET
3. HARDNESS. 26-32 HRC
4. FINISH. BLACK OXIDE TREATMENT IN ACCORDANCE WITH AMS 2485
5. DIMENSIONING AND TOLERANCING. DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M
6. WRENCHING CONFIGURATION. WRENCHING CONFIGURATION IN ACCORDANCE WITH AS 870.
7. SURFACE TEXTURE. SURFACE TEXTURE UNLESS OTHERWISE SPECIFIED, SHALL BE 125 MICROINCHES EXCEPT UPSET HEAD, IN ACCORDANCE WITH ANSI B46.1.
8. MAGNETIC PARTICLE INSPECTION. MAGNETIC PARTICLE INSPECTION PER AMS 2640

(A) ENTIRE STANDARD REVISED

PA NAVY-AS Other Cuit	INTERNATIONAL INTEREST	TITLE BOLT-MACHINE, STEEL, 12 POINT HEAD, .375-24, BLACK OXIDE	MILITARY STANDARD MS9160(AS)
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES	PAGE 1	OF 2

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AMSC N/A

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-N156

APPROVED 5 AUG 57  
REVISED (A) 22 JUN 87

USER ACTIVITIES

REVIEWER ACTIVITIES  
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01-918

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9. TOLERANCES UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS  $\pm .010$ , ANGULAR DIMENSIONS  $\pm 5^\circ$ .
10. EDGES: BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
11. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE MS9160-06

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  |
  |----- DASH NUMBER
  |
  |----- BASIC MS NUMBER
  
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MS9160-06 INDICATES BOLT-MACHINE, STEEL, 12 POINT HEAD, .375-24,  
BLACK OXIDE, .750 LONG

## NOTES:

1. ALL DIMENSIONS ARE IN INCHES
2. DO NOT USE UNASSIGNED PART NUMBER
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.
5. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION
6. AS AND AMS ARE SAE PUBLICATIONS

USER ACTIVITIES

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APPROVED 5 AUG 57 REVISED 5 AUG 57 (A) FOR CHANGES SEE PAGES 1 AND 2

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