

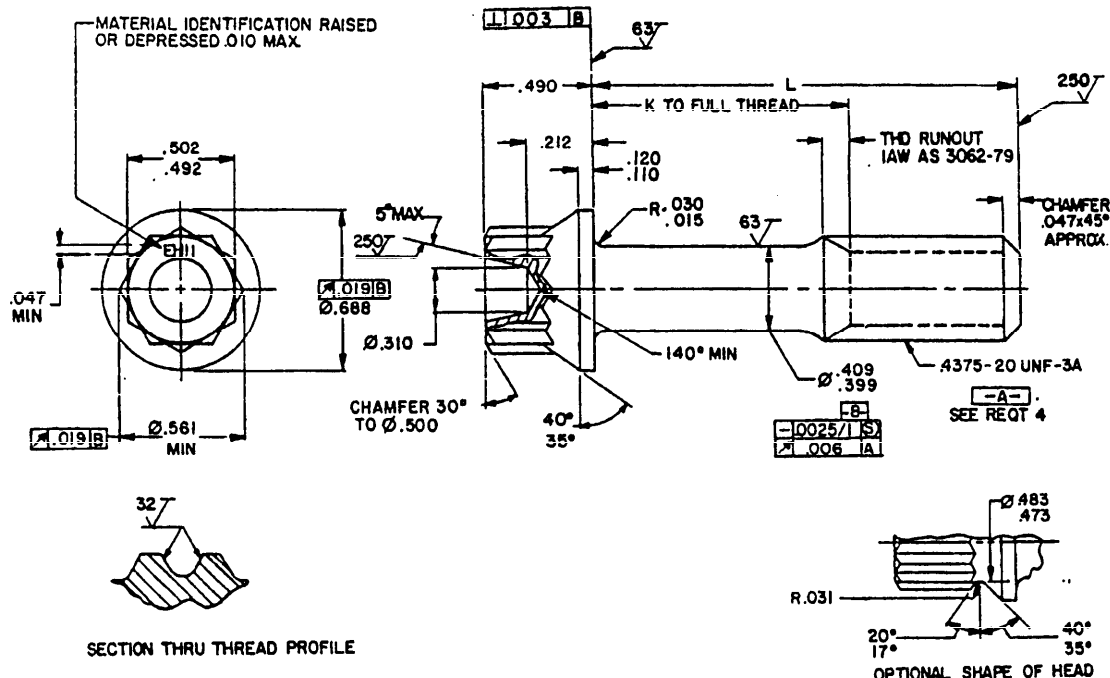
USER ACTIVITIES:

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AMSC N/A



INACTIVE FOR DESIGN AFTER 28 FEB 1984
FOR PARTS WITH MIL-S-8879 SCREW THREADS SEE MS9918

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K +0.00 -0.06	APPROX WEIGHT LBS/100
-06	.812	$\frac{1}{1}$	5.51
-07	.875	$\frac{1}{1}$	5.74
-08	.938	$\frac{1}{1}$	5.97
-09	1.000	$\frac{1}{1}$	6.20
-10	1.062	$\frac{1}{1}$	6.43
-11	1.125	$\frac{1}{1}$	6.67
-12	1.188	$\frac{1}{1}$	6.90
-13	1.250	.125	7.13
-14	1.312	.188	7.36
-15	1.375	.250	7.59
-16	1.438	.312	7.82
-17	1.500	.375	8.05
-18	1.562	.438	8.27
-19	1.625	.500	8.50
-20	1.688	.562	8.73
-21	1.750	.625	8.96
-22	1.875	.750	9.43

DASH NUMBER	L	K +0.000 -0.060	APPROX WEIGHT LBS/100
-23	2.000	.875	9.90
-24	2.125	1.000	10.38
-25	2.250	1.125	10.85
-26	2.375	1.250	11.32
-27	2.500	1.375	11.79
-28	2.625	1.500	12.26
-29	2.750	1.625	12.72
-30	2.875	1.750	13.19
-31	3.000	1.875	13.66
-32	3.125	2.000	14.12
-33	3.250	2.125	14.59
-34	3.375	2.250	15.06
-35	3.500	2.375	15.52
-36	3.625	2.500	15.99
-37	3.750	2.625	16.45
-38	3.875	2.750	16.92
-39	4.000	2.875	17.39

DASH NUMBER	L	K + .000 - .060	APPROX WEIGHT LBS/100
-40	4.125	3.000	17.85
-41	4.250	3.125	18.31
-42	4.375	3.250	18.75
-43	4.500	3.375	19.31
-44	4.625	3.500	19.66
-45	4.750	3.625	20.12
-46	4.875	3.750	20.59
-47	5.000	3.875	21.05
-48	5.125	4.000	21.51
-49	5.250	4.125	21.97
-50	5.375	4.250	22.33
-51	5.500	4.375	22.80
-52	5.625	4.500	23.27
-53	5.750	4.625	23.74
-54	5.875	4.750	24.21
-55	6.000	4.875	24.67

1/ THREAD TO HEAD. MAXIMUM TWO INCOMPLETE THREADS

ⓑ ENTIRE STANDARD REVISED

P.A. NAVY-AS Other Cust AIR FORCE-II	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, I2 POINT HEAD, STEEL, 4375-20 UNF-3A	MILITARY STANDARD	
			MS 9150	
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES:		PAGE 1	OF 2

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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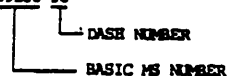
APPROVED 5 AUG 57 REVISED (A) 28 FEB 84 (B) 4 NOV 86

FED. SUP CLASS
5306

REQUIREMENTS:

1. MATERIAL: STEEL IN ACCORDANCE WITH AMS 6322-80.
2. FINISH: CADMIUM PLATE IN ACCORDANCE WITH AMS 2400-80. DIMENSIONS SPECIFIED ARE AFTER PLATING.
3. HARDNESS: 26-32HRC.
4. THREADS: THREADS IN ACCORDANCE WITH MIL-S-7742. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
6. WRENCHING CONFIGURATION: WRENCHING CONFIGURATION IN ACCORDANCE WITH AS870.
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 SHALL BE IN ACCORDANCE WITH AMS 2640-83.
9. TOLERANCE: 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: MS9150-06



MS9150-06 INDICATES: BOLT, MACHINE, 12 POINT HEAD, STEEL;
.4375-20 UNF-3A; LENGTH .812.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. DO NOT USE UNASSIGNED PART NUMBERS.
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:

REVIEWS ACTIVITIES
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P. A. NAVY-AS Other Cost AIR FORCE-II	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, 12 POINT HEAD, STEEL, .4375-20UNF-3A	MILITARY STANDARD MS9150
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES:	PAGE	2 OF 2

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APPROVED 5 AUG 57 REVISED ⑧ FOR CHANGES SEE PAGES 1 AND 2