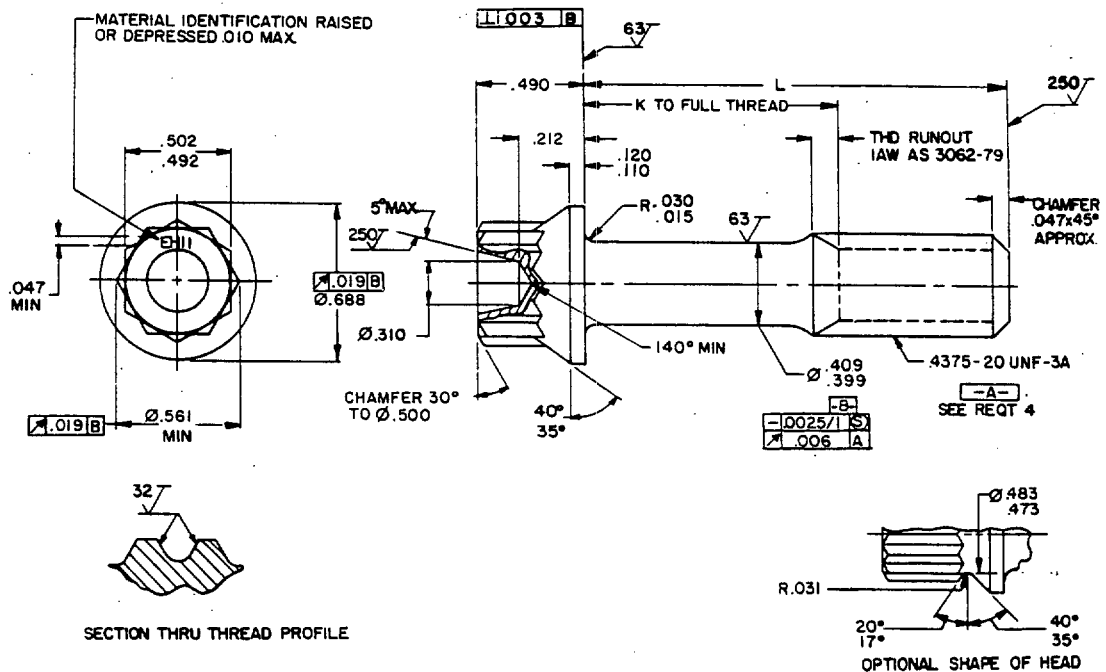


FED. SUP CLASS
53 06

USER ACTIVITIES:

REVIEWER ACTIVITIES:
DLA-1S

INACTIVE FOR DESIGN AFTER 28 FEB 1984
FOR PARTS WITH MIL-S-8879 SCREW THREADS SEE MS 9918

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100
-06	.812	1/	5.51
-07	.875	1/	5.74
-08	.938	1/	5.97
-09	1.000	1/	6.20
-10	1.062	1/	6.43
-11	1.125	1/	6.67
-12	1.188	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 +.000 -.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, 12 POINT HEAD, STEEL, 4375-20 UNF-3A	MILITARY STANDARD MS 9150
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

5306-1148

APPROVED 5 AUG 57
REVISED 28 FEB 84 ⓑ 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 EXCEED 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

DASH NUMBER

BASIC MS NUMBER

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

REVIEWER ACTIVITIES
DLA-1S

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P. A. NAVY-AS Other Code AIR FORCE-11	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, 12 POINT HEAD, STEEL, .4375-20UNF-3A	MILITARY STANDARD MS9150
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES	PAGE 2 OF 2	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-1148

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