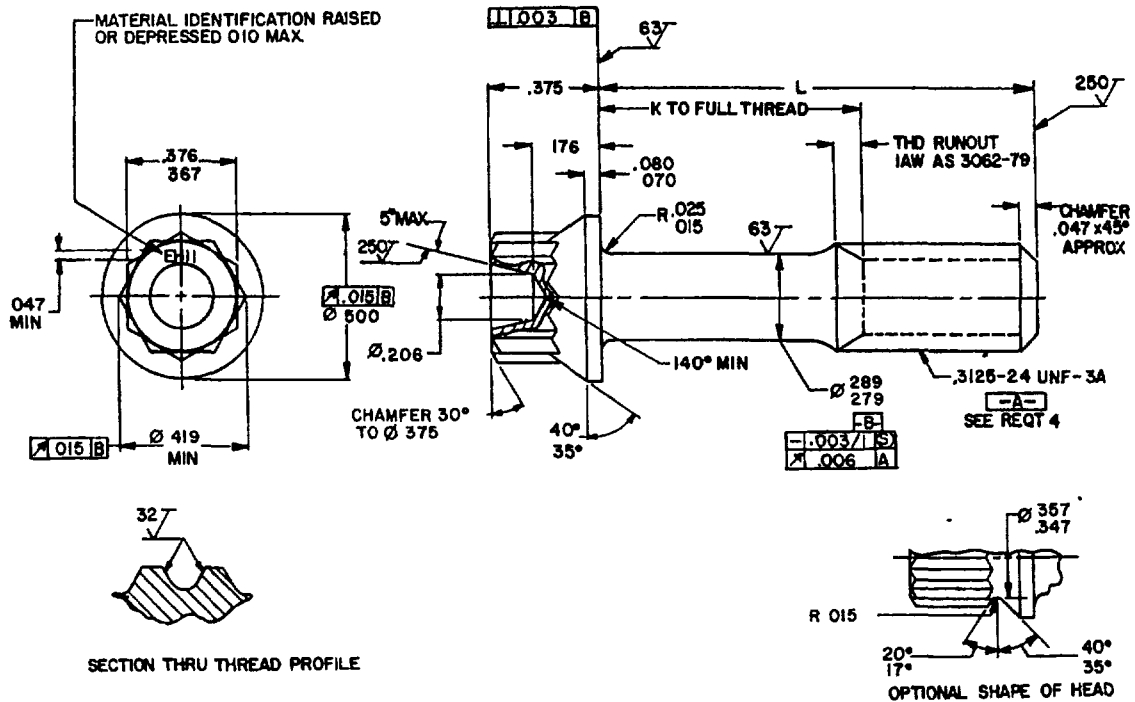


52814

FED SUP CLASS
5306

USER ACTIVITIES

REVIEWER ACTIVITIES
DLA - IS

INACTIVE FOR DESIGN AFTER 28 FEB 1984
FOR PARTS WITH MIL-S-8879 SCREW THREADS SEE MS9916

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100
-05	.562	1/	2.21
-06	.625	1/	2.28
-07	.688	1/	2.39
-08	.750	1/	2.51
-09	.812	1/	2.62
-10	.875	1/	2.73
-11	.938	1/	2.85
-12	1.000	.125	2.96
-13	1.062	.188	3.07
-14	1.125	.250	3.19
-15	1.188	.312	3.30
-16	1.250	.375	3.41
-17	1.312	.438	3.52
-18	1.375	.500	3.64
-19	1.438	.562	3.75
-20	1.500	.625	3.87
-21	1.562	.688	3.98
-22	1.625	.750	4.10

DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100
-23	1.688	.812	4.22
-24	1.750	.875	4.33
-25	1.875	1.000	4.55
-26	2.000	1.125	4.77
-27	2.125	1.250	5.00
-28	2.250	1.375	5.23
-29	2.375	1.500	5.45
-30	2.500	1.625	5.67
-31	2.625	1.750	5.90
-32	2.750	1.875	6.13
-33	2.875	2.000	6.36
-34	3.000	2.125	6.58
-35	3.125	2.250	6.80
-36	3.250	2.375	7.03
-37	3.375	2.500	7.27
-38	3.500	2.625	7.50
-39	3.625	2.750	7.73
-40	3.750	2.875	7.95

DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100
-41	3.875	3.000	8.17
-42	4.000	3.125	8.40
-43	4.125	3.250	8.63
-44	4.250	3.375	8.86
-45	4.375	3.500	9.08
-46	4.500	3.625	9.30
-47	4.625	3.750	9.52
-48	4.750	3.875	9.74
-49	4.875	4.000	9.95
-50	5.000	4.125	10.17
-51	5.125	4.250	10.40
-52	5.250	4.375	10.63
-53	5.375	4.500	10.86
-54	5.500	4.625	11.10
-55	5.625	4.750	11.33
-56	5.750	4.875	11.56
-57	5.875	5.000	11.78
-58	6.000	5.125	12.00

1/ THREAD TO HEAD. MAXIMUM TWO INCOMPLETE THREADS

B ENTIRE STANDARD REVISED

PA NAVY-AS Other Cust AIR FORCE-II	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, 12 POINT HEAD, STEEL, 3125-24 UNF-3A	MILITARY STANDARD MS9148
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES	PAGE 1	OF 2

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selection for all new engineering and design applications and for repetitive use shall be made from this
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AMSC N/A

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-1146

APPROVED 5 AUG 57 REVISED 28 FEB 84 4 NOV 86

USER ACTIVITIES

REVIEWER ACTIVITIES
DLA-15

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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: MS9148-05

DASH NUMBER

BASIC MS NUMBER

MS9148-05 INDICATES: BOLT, MACHINE, 12 POINT HEAD, STEEL;
.3125-24 UNF-3A; LENGTH .562.

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.

APPROVED 5 AUG 57 REVISED (A) 28 FEB 84 (B) FOR CHANGES SEE PAGES 1 AND 2

P A NAVY-AS Other Cost AIR FORCE-11	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, 12 POINT HEAD, STEEL, .3125-24 UNF-3A	MILITARY STANDARD MS9148
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES:		PAGE 2 OF 2