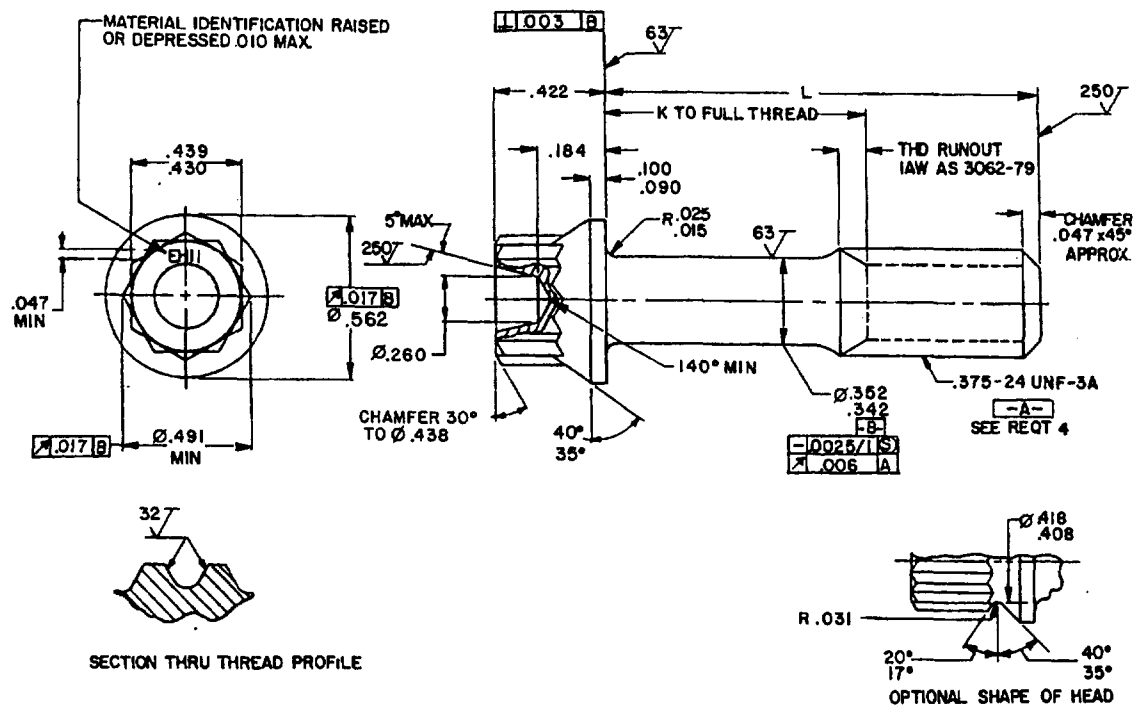


12883

FED SUP CLASS
5306

USER ACTIVITIES:

REVIEWER ACTIVITIES:
DLA-1S

INACTIVE FOR DESIGN AFTER 28 FEB 1984
FOR PARTS WITH MIL-S-8879 SCREW THREADS SEE MS9917

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100
-06	.750	1/	3.74
-07	.812	1/	3.90
-08	.875	1/	4.07
-09	.938	1/	4.24
-10	1.000	1/	4.41
-11	1.062	1/	4.58
-12	1.125	.125	4.75
-13	1.188	.188	4.91
-14	1.250	.250	5.08
-15	1.312	.312	5.25
-16	1.375	.375	5.43
-17	1.438	.438	5.60
-18	1.500	.500	5.76
-19	1.562	.562	5.93
-20	1.625	.625	6.10
-21	1.688	.688	6.27
-22	1.750	.750	6.44

DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100
-23	1.875	.875	6.77
-24	2.000	1.000	7.11
-25	2.125	1.125	7.44
-26	2.250	1.250	7.78
-27	2.375	1.375	8.11
-28	2.500	1.500	8.44
-29	2.625	1.625	8.78
-30	2.750	1.750	9.12
-31	2.875	1.875	9.46
-32	3.000	2.000	9.80
-33	3.125	2.125	10.13
-34	3.250	2.250	10.47
-35	3.375	2.375	10.80
-36	3.500	2.500	11.14
-37	3.625	2.625	11.47
-38	3.750	2.750	11.80
-39	3.875	2.875	12.14

DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100
-40	4.000	3.000	12.47
-41	4.125	3.125	12.80
-42	4.250	3.250	13.13
-43	4.375	3.375	13.46
-44	4.500	3.500	13.89
-45	4.625	3.625	14.23
-46	4.750	3.750	14.56
-47	4.875	3.875	14.89
-48	5.000	4.000	15.23
-49	5.125	4.125	15.57
-50	5.250	4.250	15.90
-51	5.375	4.375	16.23
-52	5.500	4.500	16.56
-53	5.625	4.625	16.89
-54	5.750	4.750	17.23
-55	5.875	4.875	17.57
-56	6.000	5.000	17.91

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, .375-24 UNF-3A	MILITARY STANDARD MS9149
PROCUREMENT SPECIFICATION AMS7452	SUPERSEDES:	PAGE 1 OF 2	

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AMSC N/A

DD FORM 1 MAY 73 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-1147

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 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: MS9149-06

DASH NUMBER

BASIC MS NUMBER

MS9149-06 INDICATES: BOLT, MACHINE, 12 POINT HEAD, STEEL;
.375-24 UNF-3A; LENGTH .750.

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.

P. A. NAVY-AS Other Cost AIR FORCE-II	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, 12 POINT HEAD, STEEL, .375-24 UNF-3A	MILITARY STANDARD MS9149
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES:	PAGE 2 OF 2	

USER ACTIVITIES

REVIEWER ACTIVITIES
DLA-IS

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