

FED SUP CLASS  
5306

USER ACTIVITIES

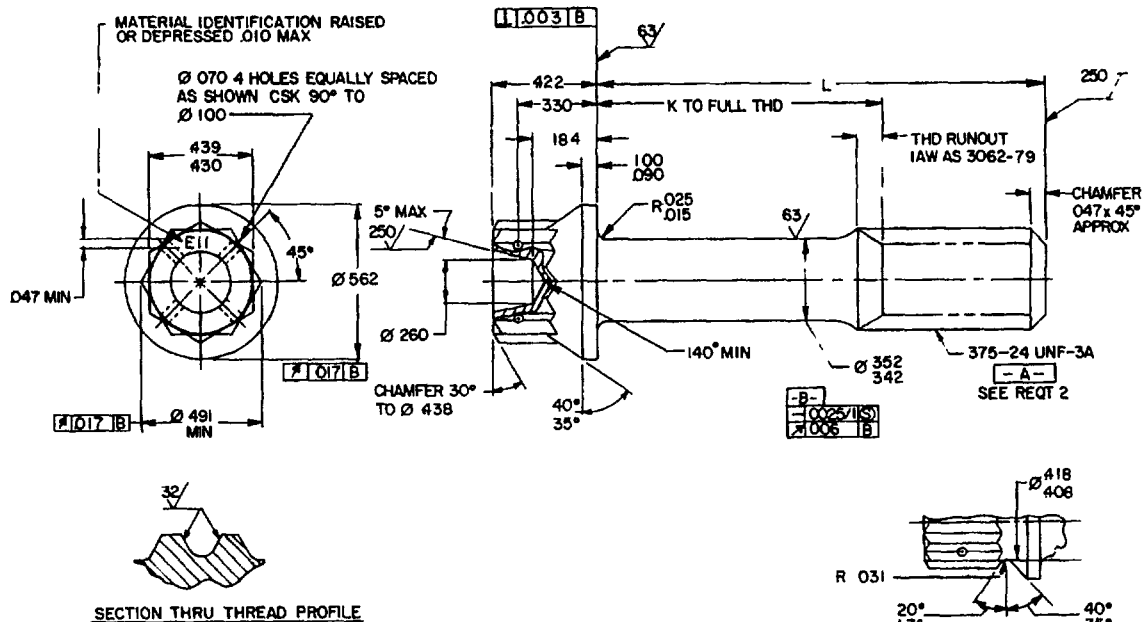
REVIEWER ACTIVITIES:  
ARMY - MI  
DLA - IS

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

INACTIVE FOR DESIGN AFTER  
28 FEB 84  
FOR PARTS WITH MIL-S-8879  
SCREW THREADS SEE MS9926

© DENOTES CHANGES

P A NAVY - AS Other Cost	INTERNATIONAL INTEREST	TITLE © BOLT-MACHINE, DRILLED 12 POINT HEAD, STEEL, .375-24 UNF-3A	MILITARY STANDARD MS 9091
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES:	PAGE 1 OF 2	

AMSC N/A

DD FORM 672-1 (COORDINATED)  
1 MAY 73

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-1191

APPROVED 25 APR 57 REVISED (B) 25 SEP 86 (C) 12 JUN 87

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USER ACTIVITIES

REVIEWER ACTIVITIES  
ARMY-MI  
DLA-IS

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## REQUIREMENTS-

- ① 1. MATERIAL: STEEL IN ACCORDANCE WITH AMS 6322-80
2. THREADS THREADS IN ACCORDANCE WITH MIL-S-7742 INCOMPLETE THREADS NOT TO ENTER FILLET.
3. FINISH CADMIUM PLATE IN ACCORDANCE WITH AMS 2400-80 DIMENSIONS SPECIFIED ARE AFTER PLATING.
4. HARDNESS: 26-32 HRC.
5. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M
6. WRENCHING CONFIGURATION WRENCHING CONFIGURATION IN ACCORDANCE WITH AS870-74
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. MS9091-06

DASH NUMBER

BASIC MS NUMBER

MS9091-06 INDICATES BOLT, MACHINE, STEEL, DRILLED 12 POINT HEAD,  
375-24 UNF-3A, LENGTH 750

## NOTES:

- ALL DIMENSIONS ARE IN INCHES.
- DO NOT USE UNASSIGNED PART NUMBERS
- 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.
- REFERENCED GOVERNMENT (OR NONGOVERNMENT) 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.
- THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION
- AS AND AMS ARE SAE PUBLICATIONS.
- SUBJECT TERM (KEY WORD) LISTING

BOLT, MACHINE, STEEL DRILLED 12 POINT HEAD, CADMIUM PLATE

APPROVED 25 APR 57 REVISED ③ FOR CHANGES SEE PAGES 1 AND 2

P A NAVY- AS Other Cust AIR FORCE -II	INTERNATIONAL INTEREST	TITLE © BOLT-MACHINE, DRILLED 12 POINT HEAD, STEEL, .375-24 UNF-3A	MILITARY STANDARD MS 9091
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES:	PAGE 2 OF 2	