

USER ACTIVITIES:

REVIEWER ACTIVITIES:

DLA-IS

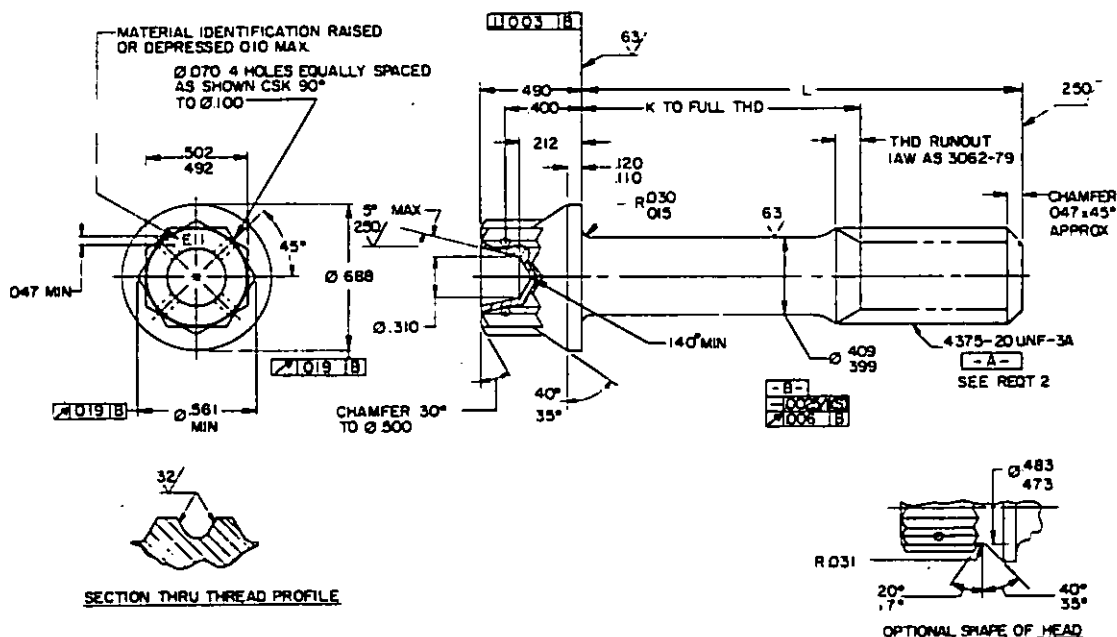


TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100	DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100	DASH NUMBER	L	K +.000 -.060	APPROX WEIGHT LBS/100
-06	.812	L	5.51	-23	2.000	.875	9.90	-40	4.125	3.000	17.85
-07	.875	L	5.74	-24	2.125	1.000	10.38	-41	4.250	3.125	18.31
-08	.938	L	5.97	-25	2.250	1.125	10.85	-42	4.375	3.250	18.75
-09	1.000	L	6.20	-26	2.375	1.250	11.32	-43	4.500	3.375	19.31
-10	1.062	L	6.43	-27	2.500	1.375	11.79	-44	4.625	3.500	19.66
-11	1.125	L	6.67	-28	2.625	1.500	12.26	-45	4.750	3.625	20.12
-12	1.188	L	6.90	-29	2.750	1.625	12.72	-46	4.875	3.750	20.59
-13	1.250	.125	7.13	-30	2.875	1.750	13.19	-47	5.000	3.875	21.05
-14	1.312	.188	7.36	-31	3.000	1.875	13.66	-48	5.125	4.000	21.51
-15	1.375	.250	7.59	-32	3.125	2.000	14.12	-49	5.250	4.125	21.97
-16	1.438	.312	7.82	-33	3.250	2.125	14.59	-50	5.375	4.250	22.33
-17	1.500	.375	8.05	-34	3.375	2.250	15.06	-51	5.500	4.375	22.80
-18	1.562	.438	8.27	-35	3.500	2.375	15.52	-52	5.625	4.500	23.27
-19	1.625	.500	8.50	-36	3.625	2.500	15.99	-53	5.750	4.625	23.74
-20	1.688	.562	8.73	-37	3.750	2.625	16.45	-54	5.875	4.750	24.21
-21	1.750	.625	8.96	-38	3.875	2.750	16.92	-55	6.000	4.875	24.67
-22	1.875	.750	9.43	-39	4.000	2.875	17.39				

1/ THREAD TO HEAD. MAXIMUM TWO INCOMPLETE THREADS

INACTIVE FOR DESIGN AFTER
26 OCT 72
NO SUPERSEDING STANDARD

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P. A.
NAVY-AS
Other Cast
AIR FORCE-11

**INTERNATIONAL
INTEREST**

TITLE

③ BOLT-MACHINE,
DRILLED 12 POINT HEAD, STEEL,
.4375-20 UNF- 3A

MILITARY STANDARD

MS 9092

PROCUREMENT SPECIFICATION
AMS 7452

SUPERSEDES:

PAGE 1 OF 2

AMSC N/A

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-193

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

FED. SUP CLASS
5306

REQUIREMENTS:

- (C) 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 1.

EXAMPLE: MS9092-06

DASH NUMBER

BASIC MS NUMBER

MS9092-06 INDICATES: BOLT, MACHINE, STEEL DRILLED 12 POINT HEAD,
.4375-24 UNF-3A; LENGTH .812.

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 (DDI/ISS) 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 (C) FOR CHANGES SEE PAGES 1 AND 2

P. A. NAVY-AS Other Code AIR FORCE-II	INTERNATIONAL INTEREST	TITLE © BOLT-MACHINE, DRILLED 12 POINT HEAD, STEEL, .4375-20 UNF-3A	MILITARY STANDARD MS9092
PROCUREMENT SPECIFICATION AMS 7452	SUPERSEDES	PAGE 2 OF 2	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-1193

USER ACTIVITIES

REVIEWER ACTIVITIES

DLA-15

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Instructions for all new engineering and design applications and for repetitive use shall be made from this document.