

CUMULATIVE IMPACT

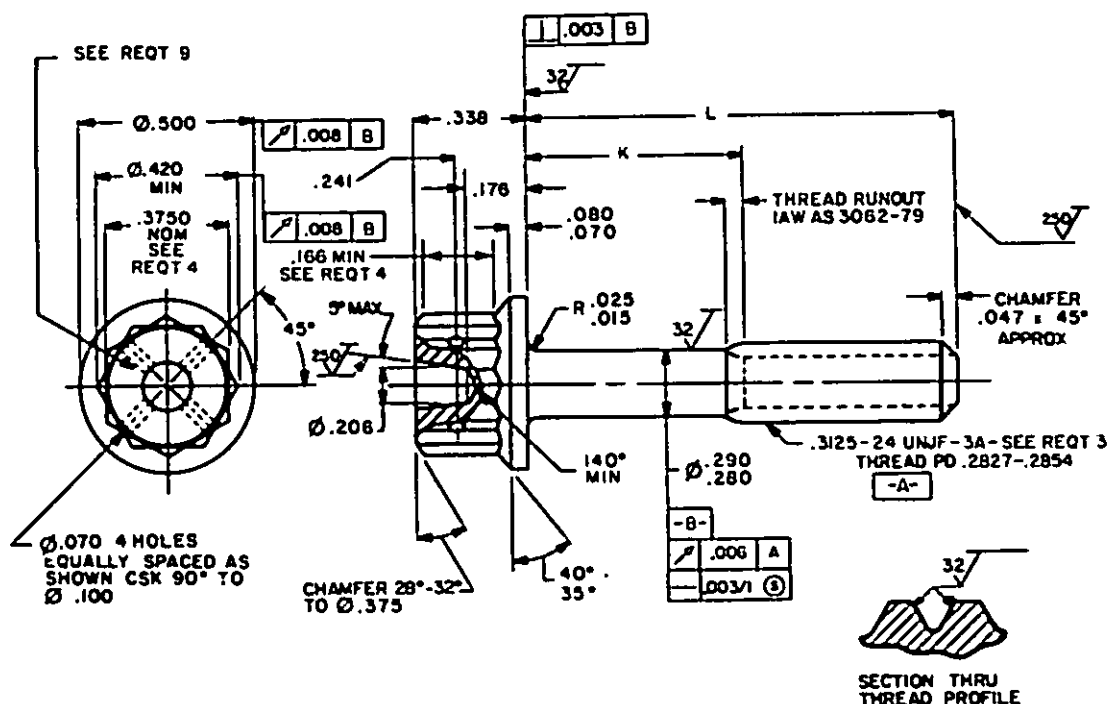


TABLE 1. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K	APPROX WEIGHT LB/100
-04	.500	.030-.100	2.17
-05	.562	.030-.100	2.29
-06	.625	.030-.100	2.41
-07	.680	.030-.100	2.52
-08	.750	.030-.100	2.64
-09	.812	.030-.100	2.76
-10	.875	.030-.100	2.88
-11	.930	.030-.100	3.00
-12	1.000	.030-.125	3.11
-13	1.062	.120-.180	3.23
-14	1.125	.190-.250	3.35
-15	1.180	.252-.312	3.47
-16	1.250	.315-.375	3.59
-17	1.312	.378-.438	3.70
-18	1.375	.440-.500	3.82
-19	1.430	.502-.562	3.94
-20	1.500	.565-.625	4.06
-21	1.562	.620-.680	4.18

CASE NUMBER	L	K	APPROX WEIGHT LB/100
-22	1.625	.690-.750	4.29
-23	1.600	.752-.812	4.41
-24	1.750	.815-.875	4.53
-25	1.812	.877-.937	4.65
-26	1.075	.940-1.000	4.77
-27	2.000	1.065-1.125	5.00
-28	2.125	1.190-1.250	5.24
-29	2.250	1.315-1.375	5.48
-30	2.375	1.440-1.500	5.71
-31	2.500	1.565-1.625	5.95
-32	2.625	1.690-1.750	6.19
-33	2.750	1.815-1.875	6.42
-34	2.875	1.940-2.000	6.66
-35	3.000	2.065-2.125	6.90
-36	3.125	2.190-2.250	7.13
-37	3.250	2.315-2.375	7.36
-38	3.375	2.440-2.500	7.60
-39	3.500	2.565-2.625	7.84

DASH NUMBER	L	R	APPROX WEIGHT LB./100
-40	3.625	2.690-2.750	8.07
-41	3.750	2.815-2.875	8.31
-42	3.875	2.940-3.000	8.54
-43	4.000	3.065-3.125	8.78
-44	4.125	3.190-3.250	9.02
-45	4.250	3.315-3.375	9.25
-46	4.375	3.440-3.500	9.49
-47	4.500	3.565-3.625	9.72
-48	4.625	3.690-3.750	9.96
-49	4.750	3.815-3.875	10.20
-50	4.875	3.940-4.000	10.43
-51	5.000	4.065-4.125	10.67
-52	5.125	4.190-4.250	10.91
-53	5.250	4.315-4.375	11.14
-54	5.375	4.440-4.500	11.38
-55	5.500	4.565-4.625	11.61
-56	5.625	4.690-4.750	11.85
-57	5.750	4.815-4.875	12.09
-58	5.875	4.940-5.000	12.32
-59	6.000	5.065-5.125	12.56

Ⓐ ENTIRE STANDARD REVISED

P. A. NAVY-AS

Other Cast

ARMY- AV

AIR FORCE-99

INTERNATIONAL INTEREST

**TITLE BOLT, MACHINE-DOUBLE HEXAGON,
EXTENDED WASHER HEAD, DRILLED, SILVER
PLATED, CORROSION AND HEAT RESISTANT
STEEL.. 3125-24 UNJF-3A**

MILITARY STANDARD

MS9716

PROCUREMENT SPECIFICATION
AMS 7471

SUPERSEDES

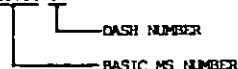
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FED. SUP CLASS
5306

REQUIREMENTS:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL IN ACCORDANCE WITH AMS 5708.
2. FINISH: SILVER PLATE IN ACCORDANCE WITH AMS 2410, .0002-.0006 THICK AT THREAD PD. DIMENSIONS SPECIFIED ARE AFTER PLATING.
3. THREADS: THREADS IN ACCORDANCE WITH MIL-S-8879. INCOMPLETE THREADS NOT TO ENTER FILLET.
4. WRENCHING CONFIGURATION: WRENCHING CONFIGURATION IN ACCORDANCE WITH AS 870.
5. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
6. SURFACE TEXTURE: SURFACE TEXTURE, UNLESS OTHERWISE SPECIFIED, SHALL BE 125 MICROINCHES EXCEPT UPSET HEAD IN ACCORDANCE WITH ANSI B46.1.
7. FLUORESCENT PENETRANT INSPECTION: FLUORESCENT PENETRANT INSPECTION SHALL BE IN ACCORDANCE WITH AMS 2645-83, BEFORE PLATING.
8. HEAD TO SHANK FILLET: HEAD TO SHANK FILLET SHALL BE COLD ROLLED AFTER HEAT TREATMENT TO REMOVE ALL VISUAL EVIDENCE OF GRINDING OR TOOL MARKS EXCEPT DASH NUMBER SIZES -12 AND SMALLER.
9. MARKING: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH AS 478-79, CLASS A.
10. TOLERANCES: UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
11. EDGES: BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
12. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS9716-04



MS9716-04 INDICATES: BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, SILVER PLATED, .3125-24 UNJF-3A, LENGTH .500

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 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.
5. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION.
6. AS AND AMS ARE SAE PUBLICATIONS.

APPROVED 3 MAR 69 REVISED (A) FOR CHANGES SEE PAGE 1 AND 2

P. A. NAVY-AS Other Cost ARMY-AV AIR FORCE-99	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE- DOUBLE HEXAGON, EXTENDED WASHER HEAD, DRILLED, SILVER PLATED, CORROSION AND HEAT RESISTANT STEEL, .3125-24 UNJF-3A	MILITARY STANDARD MS9716
PROCUREMENT SPECIFICATION AMS 7471	SUPERSEDES:	PAGE 2	OF 2

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-0948
E25-187-3

USER ACTIVITIES:

REVIEWER ACTIVITIES:
AIR FORCE-82
DLA-15

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