

USER ACTIVITIES:

REVIEWER ACTIVITIES:
AIR FORCE-82
DLA-IS

FED. SUP CLASS
5306

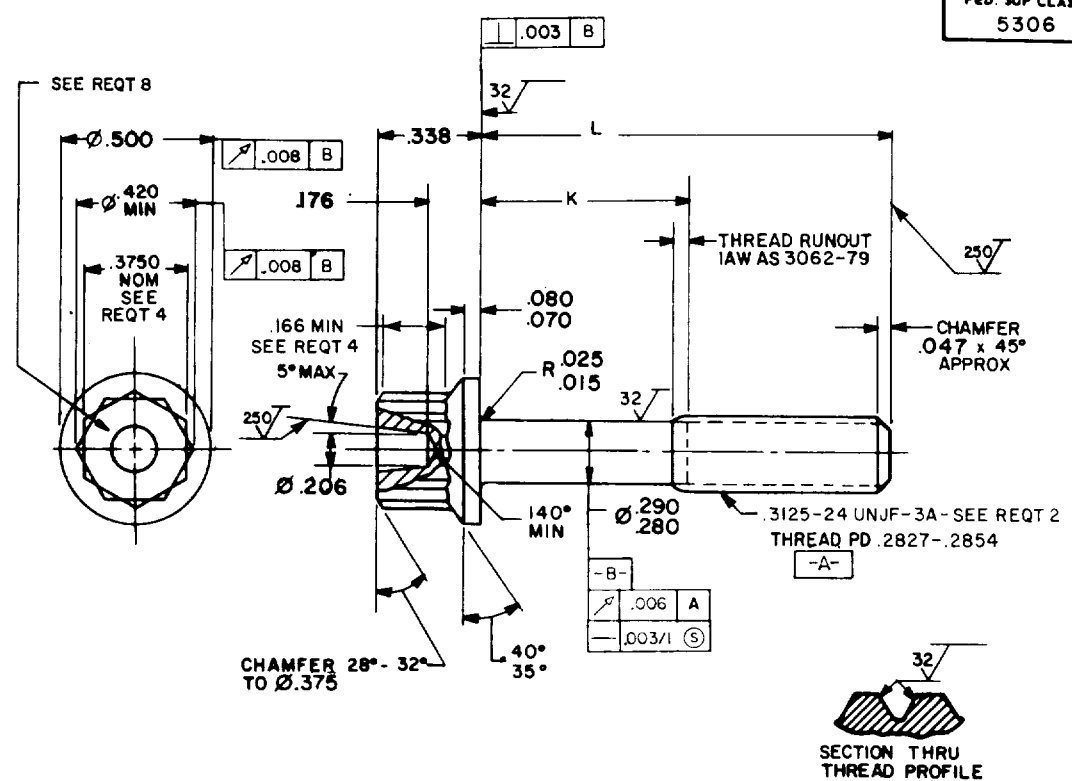


TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K	APPROX WEIGHT LB/100	DASH NUMBER	L	K	APPROX WEIGHT LB/100	DASH NUMBER	L	K	APPROX WEIGHT LB/100
-04	.500	.088-.108	2.17	-22	1.625	.690-.750	4.29	-40	3.625	2.690-2.750	8.07
-05	.562	.088-.108	2.29	-23	1.688	.752-.812	4.41	-41	3.750	2.815-2.875	8.31
-06	.625	.088-.108	2.41	-24	1.750	.815-.875	4.53	-42	3.875	2.940-3.000	8.54
-07	.688	.088-.108	2.52	-25	1.812	.877-.937	4.65	-43	4.000	3.065-3.125	8.78
-08	.750	.088-.108	2.64	-26	1.875	.940-1.000	4.77	-44	4.125	3.190-3.250	9.02
-09	.812	.088-.108	2.76	-27	2.000	1.065-1.125	5.00	-45	4.250	3.315-3.375	9.25
-10	.875	.088-.108	2.88	-28	2.125	1.190-1.250	5.24	-46	4.375	3.440-3.500	9.49
-11	.938	.088-.108	3.00	-29	2.250	1.315-1.375	5.48	-47	4.500	3.565-3.625	9.72
-12	1.000	.088-.125	3.11	-30	2.375	1.440-1.500	5.71	-48	4.625	3.690-3.750	9.96
-13	1.062	.128-.188	3.23	-31	2.500	1.565-1.625	5.95	-49	4.750	3.815-3.875	10.20
-14	1.125	.190-.250	3.35	-32	2.625	1.690-1.750	6.19	-50	4.875	3.940-4.000	10.43
-15	1.188	.252-.312	3.47	-33	2.750	1.815-1.875	6.42	-51	5.000	4.065-4.125	10.67
-16	1.250	.315-.375	3.59	-34	2.875	1.940-2.000	6.66	-52	5.125	4.190-4.250	10.91
-17	1.312	.378-.438	3.70	-35	3.000	2.065-2.125	6.90	-53	5.250	4.315-4.375	11.14
-18	1.375	.440-.500	3.82	-36	3.125	2.190-2.250	7.13	-54	5.375	4.440-4.500	11.38
-19	1.438	.502-.562	3.94	-37	3.250	2.315-2.375	7.36	-55	5.500	4.565-4.625	11.61
-20	1.500	.565-.625	4.06	-38	3.375	2.440-2.500	7.60	-56	5.625	4.690-4.750	11.85
-21	1.562	.628-.688	4.18	-39	3.500	2.565-2.625	7.84	-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 Cust ARMY-AV AIR FORCE-99	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE-DOUBLE HEXAGON, EXTENDED WASHER HEAD, CORROSION AND HEAT RESISTANT STEEL, .3125-24 UNJF-3A	MILITARY STANDARD
			MS9698
PROCUREMENT SPECIFICATION AMS 7471	SUPERSEDES:		PAGE 1 OF 2

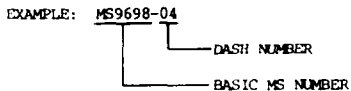
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APPROVED 3 MAR 69 REVISED 24 FEB 86

FED SUP CLASS
5306

REQUIREMENTS:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL IN ACCORDANCE WITH AMS 5708.
2. THREADS: THREADS IN ACCORDANCE WITH MIL-S-8879. INCOMPLETE THREADS NOT TO ENTER FILLET.
3. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
4. WRENCHING CONFIGURATION: WRENCHING CONFIGURATION IN ACCORDANCE WITH AS 870.
5. SURFACE TEXTURE: SURFACE TEXTURE, UNLESS OTHERWISE SPECIFIED, SHALL BE 125 MICROINCHES EXCEPT UPSET HEAD IN ACCORDANCE WITH ANSI B46.1.
6. FLOUORESCENT PENETRANT INSPECTION: FLOUORESCENT PENETRANT INSPECTION SHALL BE IN ACCORDANCE WITH AMS 2645-83.
7. 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 -14 AND SMALLER.
8. MARKING: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH AS 478-79, CLASS A.
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.



MS9698-04 INDICATES: BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, .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.

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

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		BOLT, MACHINE-DOUBLE HEXAGON, EXTENDED WASHER HEAD, CORROSION AND HEAT RESISTANT STEEL, .3125-24 UNJF-3A	MS9698
PROCUREMENT SPECIFICATION AMS 7471	SUPERSEDES:	PAGE 2	OF 2