

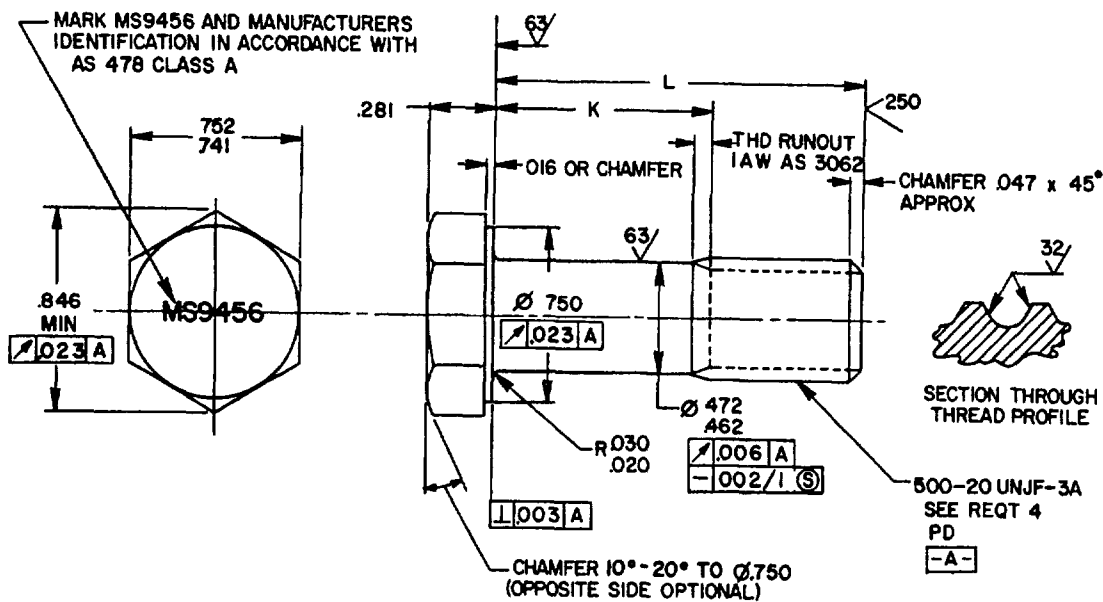
FED SUP CLASS
5306

TABLE I. DASH NUMBERS AND DIMENSIONS.

DASH NUMBER	L	K	APPROX WEIGHT LB/100	DASH NUMBER	L	K	APPROX WEIGHT LB/100
-04	.812	.105-.125	7.77	-31	3.250	1.940-2.000	19.55
-05	.875	.105-.125	8.07	-32	3.375	2.065-2.125	20.16
-06	.938	.105-.125	8.37	-33	3.500	2.190-2.250	20.76
-07	1.000	.105-.125	8.67	-34	3.625	2.315-2.375	21.36
-08	1.062	.105-.125	8.98	-35	3.750	2.440-2.500	21.97
-09	1.125	.105-.125	9.28	-36	3.875	2.565-2.625	22.57
-10	1.188	.105-.125	9.58	-37	4.000	2.690-2.750	23.18
-11	1.250	.105-.125	9.88	-38	4.125	2.815-2.875	23.78
-12	1.312	.105-.125	10.19	-39	4.250	2.940-3.000	24.38
-13	1.375	.125-.145	10.49	-40	4.375	3.065-3.125	24.99
-14	1.438	.128-.188	10.79	-41	4.500	3.190-3.250	25.59
-15	1.500	.190-.250	11.09	-42	4.625	3.315-3.375	26.20
-16	1.562	.252-.312	11.39	-43	4.750	3.440-3.500	26.80
-17	1.625	.315-.375	11.70	-44	4.875	3.565-3.625	27.41
-18	1.688	.378-.438	12.00	-45	5.000	3.690-3.750	28.01
-19	1.750	.440-.500	12.30	-46	5.125	3.815-3.875	28.61
-20	1.875	.565-.625	12.90	-47	5.250	3.940-4.000	29.22
-21	2.000	.690-.750	13.51	-48	5.375	4.065-4.125	29.82
-22	2.125	.815-.875	14.11	-49	5.500	4.190-4.250	30.43
-23	2.250	.940-1.000	14.72	-50	5.625	4.315-4.375	31.03
-24	2.375	1.065-1.125	15.32	-51	5.750	4.440-4.500	31.64
-25	2.500	1.190-1.250	15.93	-52	5.875	4.565-4.625	32.24
-26	2.625	1.315-1.375	16.53	-53	6.000	4.690-4.750	32.84
-27	2.750	1.440-1.500	17.13				
-28	2.875	1.565-1.625	17.74				
-29	3.000	1.690-1.750	18.34				
-30	3.125	1.815-1.875	18.95				

(A) ENTIRE STANDARD REVISED

F A NAVY-AS Other Cust AIR FORCE-II	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, HEXAGON HEAD, STEEL, .500-20 UNJF-3A	MILITARY STANDARD	
			MS 9456	
PROCUREMENT SPECIFICATION	SUPERSEDES:	PAGE 1 OF 2		

DD FORM 672-1 (COORDINATED)
1 MAY 73

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5306-0978

USER ACTIVITIES

REVIEWER ACTIVITIES
AIR FORCE-82
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AMSC N/A

APPROVED 21 DEC 62 REVISED (A) 31 MAR 86

USER ACTIVITIES.

REVIEWER ACTIVITIES.
AIR FORCE-82
DLA-15

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FED SUP CLASS
5306

REQUIREMENTS:

1. MATERIAL: STEEL, IN ACCORDANCE WITH AMS 6304.
2. PROTECTIVE COATING AND SURFACE TREATMENT: DIFFUSED NICKEL-CADMIUM PLATE IN ACCORDANCE WITH AMS 2416. DIMENSIONS SPECIFIED ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
3. HARDNESS: RC42-46 MAXIMUM.
4. THREADS: THREADS IN ACCORDANCE WITH MIL-S-8879.
5. MANUFACTURING: MANUFACTURING IN ACCORDANCE WITH AMS 7455-80. PARTS SUBJECT TO MAGNETIC PARTICLE INSPECTION IN ACCORDANCE WITH AMS 2640-83 BEFORE PLATING.
6. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
7. SURFACE TEXTURE: SURFACE TEXTURE IN ACCORDANCE WITH AS 291-64, UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON.
8. MARKING: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH AS 478-79 CLASS A.
9. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS9456-04

DASH NUMBER

BASIC MS NUMBER

MS9456-04 INDICATES: BOLT, MACHINE-STEEL AMS 6304, DIFFUSED NICKEL-CADMIUM PLATED, HEXAGON HEAD, .500-20 UNJF-3A, LENGTH .812.

NOTES.

1. ALL DIMENSIONS IN INCHES.
2. UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
3. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
4. DO NOT USE UNASSIGNED PART NUMBERS.
5. 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.
6. 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.
7. THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE SAE AEROSPACE PROPULSION DIVISION.
8. AS AND AMS ARE SAE PUBLICATIONS.

APPROVED 21 DEC 62 REVISED (A) FOR CHANGES SEE PAGES 1 AND 2

P A NAVY- AS Other Cust AIR FORCE- II	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE, HEXAGON HEAD, STEEL, .500-20 UNJF-3A	MILITARY STANDARD MS 9456
PROCUREMENT SPECIFICATION	SUPERSEDES:	SHEET 2 OF 2	