

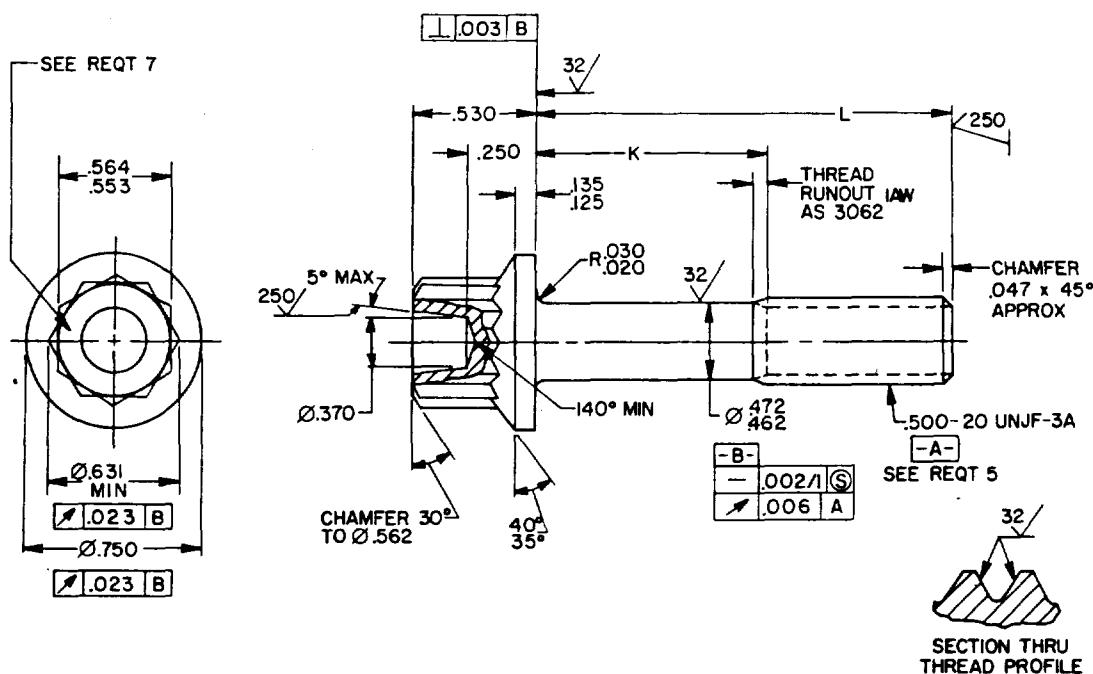
FED SUP CLASS
5306

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NO.	L	K	APPROX WEIGHT LB/100	DASH NO.	L	K	APPROX WEIGHT LB/100	DASH NO.	L	K	APPROX WEIGHT LB/100
-04	.812	.105-.125	7.83	-22	2.125	.815-.875	14.00	-40	4.375	3.065-3.125	24.89
-05	.875	.105-.125	8.12	-23	2.250	.540-1.000	14.61	-41	4.500	3.190-3.250	25.50
-06	.938	.105-.125	8.41	-24	2.375	1.065-1.125	15.21	-42	4.625	3.315-3.375	26.11
-07	1.000	.105-.125	8.70	-25	2.500	1.190-1.250	15.82	-43	4.750	3.440-3.500	26.71
-08	1.062	.105-.125	8.99	-26	2.625	1.315-1.375	16.42	-44	4.875	3.565-3.625	27.32
-09	1.125	.105-.125	9.28	-27	2.750	1.440-1.500	17.01	-45	5.000	3.690-3.750	27.92
-10	1.188	.105-.125	9.57	-28	2.875	1.565-1.625	17.61	-46	5.125	3.815-3.875	28.53
-11	1.250	.105-.125	9.86	-29	3.000	1.690-1.750	18.22	-47	5.250	3.940-4.000	29.13
-12	1.312	.105-.125	10.15	-30	3.125	1.815-1.875	18.83	-48	5.375	4.065-4.125	29.74
-13	1.375	.125-.145	10.45	-31	3.250	1.940-2.000	19.43	-49	5.500	4.190-4.250	30.35
-14	1.438	.128-.188	10.74	-32	3.375	2.065-2.125	20.04	-50	5.625	4.315-4.375	30.95
-15	1.500	.190-.250	11.04	-33	3.500	2.190-2.250	20.65	-51	5.750	4.440-4.500	31.56
-16	1.562	.252-.312	11.33	-34	3.625	2.315-2.375	21.26	-52	5.875	4.565-4.625	32.16
-17	1.625	.315-.375	11.63	-35	3.750	2.440-2.500	21.86	-53	6.000	4.690-4.750	32.77
-18	1.688	.378-.438	11.92	-36	3.875	2.565-2.625	22.47				
-19	1.750	.440-.500	12.22	-37	4.000	2.690-2.750	23.07				
-20	1.875	.565-.625	12.81	-38	4.125	2.815-2.875	23.68				
-21	2.000	.690-.750	13.41	-39	4.250	2.940-3.000	24.29				

(A) ENTIRE STANDARD REVISED

P.A. NAVY - AS Other Cust	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE-STEEL, DIFFUSED NICKEL- CADMIUM PLATED, DOUBLE HEXAGON EXTEND- ED WASHER HEAD, .500-20 UNJF-3A	MILITARY STANDARD MS9213
PROCUREMENT SPECIFICATION AMS 7459	SUPERSEDES:	PAGE 1	OF 2

APPROVED 10 DEC 63
REVISED (A) 27 MAY 68

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AMSC N/A

DD FORM 672-1 (LIMITED COORDINATION)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

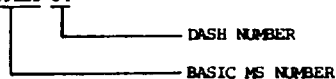
5306-N166

FED. SUP CLASS
5306

REQUIREMENTS:

1. MATERIAL: STEEL IN ACCORDANCE WITH AMS 6304 (UNS K14675).
2. HARDNESS: ROCKWELL C42-46.
3. FINISH: DIFFUSED NICKEL-CADMIUM PLATE IN ACCORDANCE WITH AMS 2416. DIMENSIONS SPECIFIED ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE. PD MAY BE REDUCED .0012 MAX BEFORE PLATING.
4. MAGNETIC PARTICLE INSPECTION: MAGNETIC PARTICLE INSPECTION IN ACCORDANCE WITH AMS 2640 BEFORE PLATING.
5. THREADS: THREADS IN ACCORDANCE WITH MIL-S-8879. INCOMPLETE THREADS NOT TO ENTER FILLET.
6. DIMENSIONING AND TOLERANCING: DIMENSIONING AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
7. MARKING: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION IN ACCORDANCE WITH AS 478, CLASS A.
8. EDGES: BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
9. SURFACE TEXTURE: SURFACE TEXTURE IN ACCORDANCE WITH ANSI/ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACE TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
10. TOLERANCES: UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSION $\pm 5^\circ$.
11. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE I.

EXAMPLE: MS9213-04



MS9213-04 INDICATES - BOLT, MACHINE - STEEL AMS 6304, DIFFUSED NICKEL-CADMIUM PLATED, DOUBLE HEXAGON EXTENDED WASHER HEAD, .500-20 UNJF-3A x .812 LONG.

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 NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DoD ISS) 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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PROCUREMENT SPECIFICATION AMS 7459	SUPERSEDES	PAGE 2	OF 2

USER ACTIVITIES:

REVIEWER ACTIVITIES:

DLA - IS

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APPROVED 10 DEC 63 REVISED (A) FOR CHANGES SEE PAGES 1 AND 2