

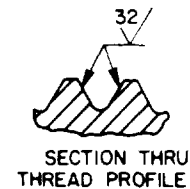
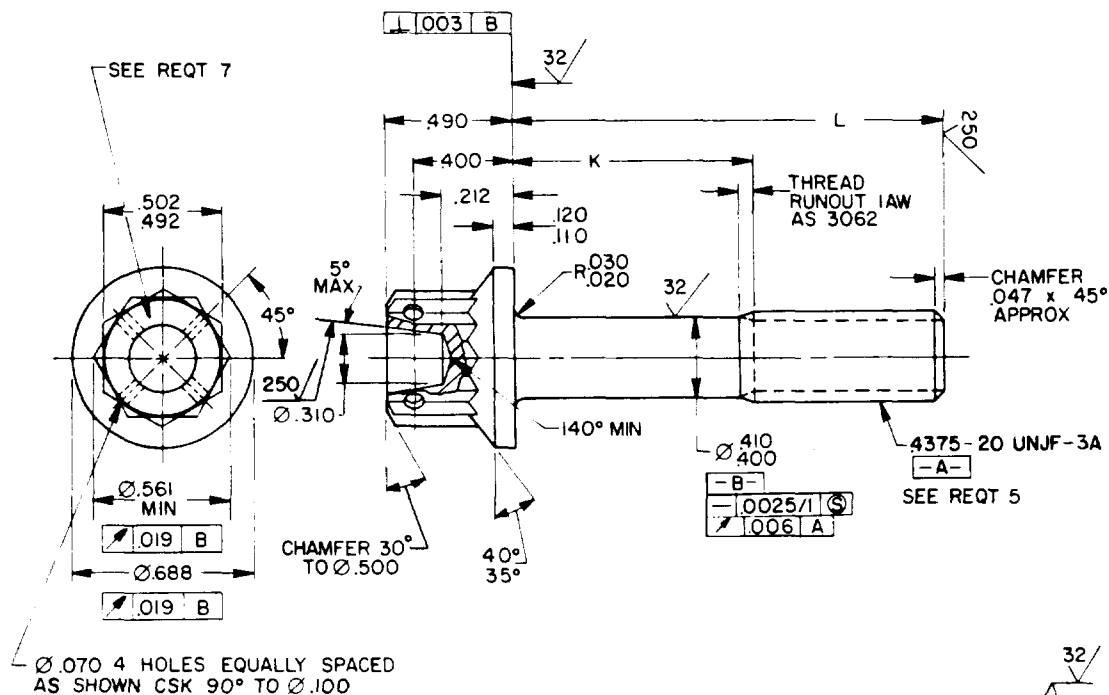
FED SUP CLASS
5306

TABLE 1 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	.688	.105-.125	5.05	-22	1.875	.690-.750	9.43	-40	4.125	2.940-3.000	17.85
-05	.750	.105-.125	5.28	-23	2.000	.815-.875	9.90	-41	4.250	3.065-3.125	18.31
-06	.812	.105-.125	5.51	-24	2.125	.950-1.000	10.38	-42	4.375	3.190-3.250	18.75
-07	.875	.105-.125	5.74	-25	2.250	1.065-1.125	10.85	-43	4.500	3.315-3.375	19.31
-08	.938	.105-.125	5.97	-26	2.375	1.190-1.250	11.32	-44	4.625	3.440-3.500	19.66
-09	1.000	.105-.125	6.20	-27	2.500	1.315-1.375	11.79	-45	4.750	3.565-3.625	20.12
-10	1.062	.105-.125	6.43	-28	2.625	1.440-1.500	12.26	-46	4.875	3.690-3.750	20.59
-11	1.125	.105-.125	6.67	-29	2.750	1.565-1.625	12.72	-47	5.000	3.815-3.875	21.05
-12	1.188	.105-.125	6.90	-30	2.875	1.690-1.750	13.19	-48	5.125	3.940-4.000	21.51
-13	1.250	.125-.145	7.13	-31	3.000	1.815-1.875	13.66	-49	5.250	4.065-4.125	21.97
-14	1.312	.128-.188	7.36	-32	3.125	1.940-2.000	14.12	-50	5.375	4.190-4.250	22.33
-15	1.375	.190-.250	7.59	-33	3.250	2.065-2.125	14.59	-51	5.500	4.315-4.375	22.80
-16	1.438	.252-.312	7.82	-34	3.375	2.190-2.250	15.06	-52	5.625	4.440-4.500	23.27
-17	1.500	.315-.375	8.05	-35	3.500	2.315-2.375	15.52	-53	5.750	4.565-4.625	23.74
-18	1.562	.378-.438	8.27	-36	3.625	2.440-2.500	15.99	-54	5.875	4.690-4.750	24.21
-19	1.625	.440-.500	8.50	-37	3.750	2.565-2.625	16.45	-55	6.000	4.815-4.875	24.67
-20	1.688	.502-.562	8.73	-38	3.875	2.690-2.750	16.92				
-21	1.750	.565-.625	8.96	-39	4.000	2.815-2.875	17.39				

A ENTIRE STANDARD REVISED

P A NAVY - AS Other Cust	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE-STEEL DIFFUSED NICKEL-CADMIUM PLATE, DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, 4375-20 UNJF-3A	MILITARY STANDARD MS9221
PROCUREMENT SPECIFICATION AMS 7459	SUPERSEDES	PAGE 1 OF 2	

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DD FORM 672-1 (LIMITED COORDINATION)

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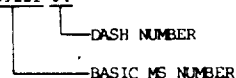
APPROVED 10 DEC 63
REVISED A 9 MAY 88

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 PER 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 PER 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 TO THE BASIC MS NUMBER FOLLOWED BY A DASH NUMBER FOR TABLE 1.

EXAMPLE: MS9221-04



MS9221-04 INDICATES: BOLT, MACHINE-STEEL AMS 6304, DIFFUSED NICKEL, CADMIUM PLATED, DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, .4375-20 UNJF-3A X .688 LONG.

NOTES:

1. ALL DIMENSIONS 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.

P.A. NAVY AS Other Cust	INTERNATIONAL INTEREST	TITLE BOLT, MACHINE-STEEL DIFFUSED NICKEL-CADMIUM PLATE, DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, 4375-20 UNJF-3A	MILITARY STANDARD MS9221
PROCUREMENT SPECIFICATION AMS 7459	SUPERSEDES	PAGE 2 OF 2	

USER ACTIVITIES:

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