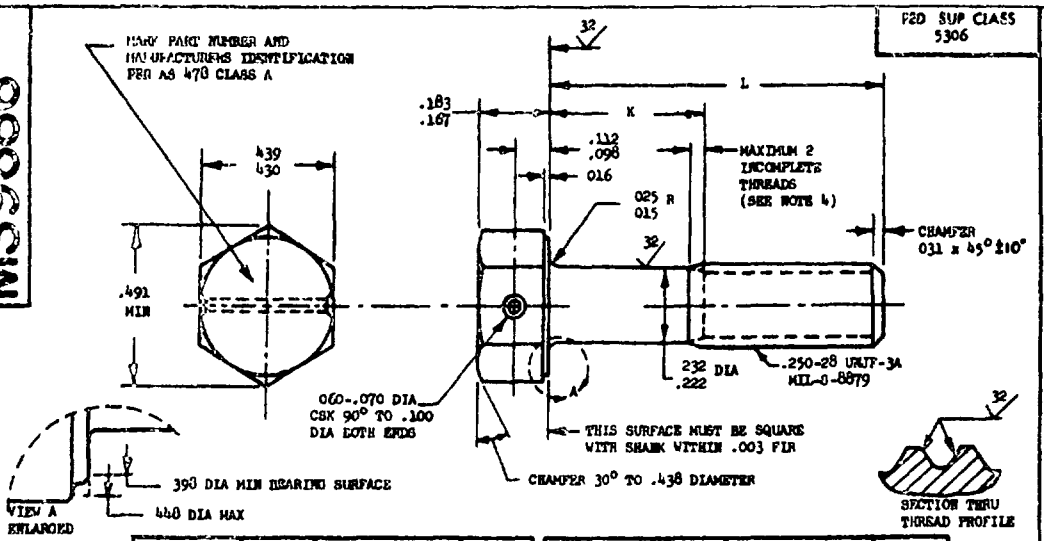
MS9686

FED SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9686-04	375	.079- .099	1.29
MS9686-05	438	.079- .099	1.36
MS9686-06	.500	.079- .099	1.43
MS9686-07	562	.079- .099	1.50
MS9686-08	625	079- .099	1.57
MS9686-09	.688	.079- .099	1.64
MS9686-10	.750	.079- 099	1 71
MS9686-11	.812	079- .099	1.79
MS9686-12	875	079- .125	1 86
MS9686-13	930	.128- .188	1.93
MS9686-14	1 000	.190- .250	2.00
MS9686-15	1 062	.252- .312	2 07
MS9686-16	1 125	315- .375	2.14
MS9686-17	1 188	378- 438	2 22
MS9686-18	1.250	.440- 500	2.29
MS9686-19	1 312	502- 562	2 36
MS9686-20	1 375	.565- .625	2 43
MS9686-21	1.438	.628- 688	2.50
MS9686-22	1.500	.690- .750	2 57
MS9686-23	1 562	.752- 812	2.65
MS9686-24	1.625	815- 875	2.72
MS9686-25	1.688	878- 938	2 79
MS9686-26	1 750	.940-1.000	2.86
MS9686-27	1.815	1.002-1.062	2.93
MS9686-28	1.875	1.065-1.125	3.00
MS9686-29	1 938	1.128-1.188	3.08
MS9686-30	2.000	1.190-1.250	3 15
MS9686-31	2.125	1.315-1.375	3.29
MS9686-32	2.250	1.440-1.500	3.43
MS9686-33	2.375	1.565-1.625	3.57
MS9686-34	2.500	1.690-1.750	3.71
MS9686-35	2.625	1 815-1.875	3 85
MS9686-36	2.750	1 940-2.000	3 99
MS9686-37	2.875	2.065-2 125	4.13
MS9686-38	3.000	2 190-2.250	4.27
MS9686-39	3.125	2.315-2.375	4.42
MS9686-40	3.250	2 440-2 500	4.56
MS9686-41	3.375	2 565-2.625	4.71
MS9686-42	3.500	2 690-2.750	4.85
MS9686-43	3.625	2 815-2.875	4 99
MS9686-44	3.750	2 940-3.000	5 14
MS9686-45	3.875	3.065-3.125	5.28
MS9686-46	4.000	3.190-3.250	5.42
MS9686-47	4.125	3.315-3.375	5 57
MS9686-48	4.250	3.440-3.500	5.71
MS9686-49	4.375	3.565-3.625	5 85
MS9686-50	4.500	3.690-3.750	6.00
MS9686-51	4.625	3.815-3.875	6.14
MS9686-52	4 750	3 940-4.000	6.28
MS9686-53	4 875	4.065-4 125	6.42
MS9686-54	5.000	4.190-4.250	6.56
MS9686-55	5 125	4 315-4 375	6.70
MS9686-56	5 250	4.440-4 500	6.85
MS9686-57	5.375	4.565-4.625	6.99
MS9686-58	5.500	4.690-4 750	7.13
MS9686-59	5.625	4 815-4.875	7.29
MS9686-60	5 750	4.940-5 000	7.42
MS9686-61	5 875	5.065-5.125	7.56
MS9686-62	6.000	5.190-5.250	7.71

1. SHANK SHALL BE STRAIGHT WITHIN .003 TOTAL PER INCH OF BOLT LENGTH.
2. THE CONCENTRICITY OF THREAD PD IN RELATION TO THE SHANK SHALL BE WITHIN .006 FIR.
3. THE CONCENTRICITY OF THE SHANK IN RELATION TO THE WASHER FACE DIAMETER AND HEXAGON SHALL BE WITHIN .013 FIR
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL STEEL AMS 6304
6. HARDNESS ROCKWELL C42-46
7. FINISH DIFFUSED NICKEL CADMIUM PLATE AMS 2416 DIMENSIONS SPECIFIED ARE AFTER PLATING. CONTACT POINTS PERMISSIBLE.
8. MANUFACTURING SPECIFICATION AMS 7459.
9. MAGNETIC PARTICLE INSPECTION PER AMS 2640 BEFORE PLATING.
10. SURFACE TEXTURE USAS B46 1-1962. UNLESS OTHERWISE SPECIFIED, SURFACE TO BE 125 MICROINCHES EXCEPT UPSET HEAD
11. BREAK SHARP EDGES .003- 015 UNLESS OTHERWISE SPECIFIED.
12. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED, TOLERANCES LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
13. DO NOT USE UNASSIGNED PART NUMBERS.

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION

APPROVED 8 Jul 71 REVISED

PA Air Force - 11 Other Cust Navy - AS	INTERNATIONAL INTEREST ASCC AIR STD 17/2	TITLE BOLT, MACHINE - HEXAGON HEAD, DRILLED, 1 HOLE, PD SHANK, STEEL AMS 6304, DIFFUSED NICKEL CADMIUM PLATE, .250-28 UNJF-3A	MILITARY STANDARD MS9686
PROCUREMENT SPECIFICATION AMS7460	SUPERSEDES		SHEET 1 OF 1

DD FORM 672-1 (Latest revision)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE