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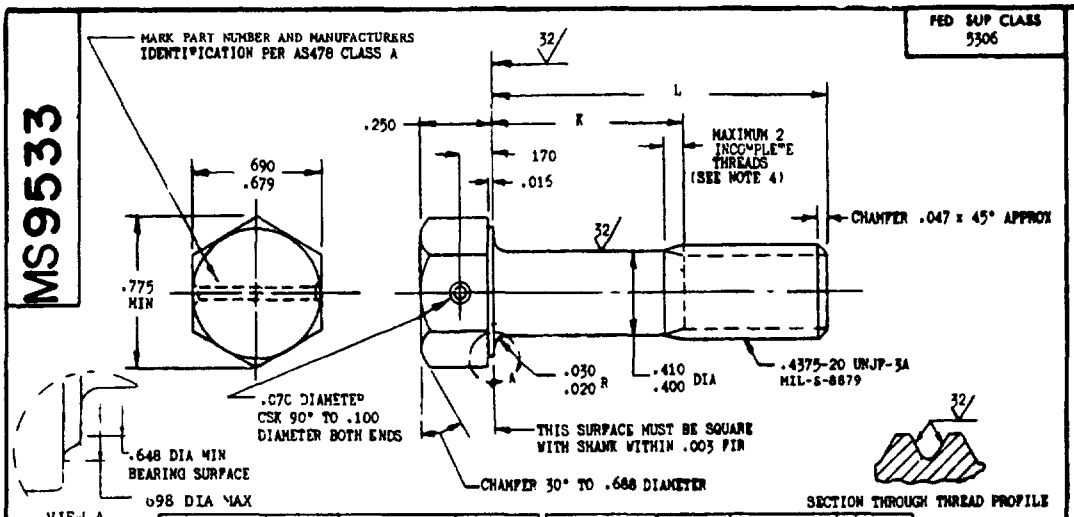
MS9533

FED SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9533-04	.688	.105-.125	5.78
MS9533-05	.750	.105-.125	6.01
MS9533-06	.812	.105-.125	6.24
MS9533-07	.875	.105-.125	6.47
MS9533-08	.938	.105-.125	6.69
MS9533-09	1.000	.105-.125	6.92
MS9533-10	1.062	.105-.125	7.15
MS9533-11	1.125	.105-.125	7.37
MS9533-12	1.188	.105-.125	7.60
MS9533-13	1.250	.105-.125	7.83
MS9533-14	1.312	.128-.188	8.06
MS9533-15	1.375	.190-.250	8.28
MS9533-16	1.438	.253-.313	8.51
MS9533-17	1.500	.315-.375	8.74
MS9533-18	1.562	.377-.437	8.97
MS9533-19	1.625	.440-.500	9.19
MS9533-20	1.688	.503-.563	9.42
MS9533-21	1.750	.565-.625	9.65
MS9533-22	1.875	.690-.750	10.10
MS9533-23	2.000	.815-.875	10.56
MS9533-24	2.125	.940-1.000	11.01
MS9533-25	2.250	1.065-1.125	11.47
MS9533-26	2.375	1.190-1.250	11.92
MS9533-27	2.500	1.315-1.375	12.38
MS9533-28	2.625	1.440-1.500	12.83
MS9533-29	2.750	1.565-1.625	13.29
MS9533-30	2.875	1.690-1.750	13.74
MS9533-31	3.000	1.815-1.875	14.20
MS9533-32	3.125	1.940-2.000	14.65
MS9533-33	3.250	2.065-2.125	15.11
MS9533-34	3.375	2.190-2.250	15.56
MS9533-35	3.500	2.315-2.375	16.02
MS9533-36	3.625	2.440-2.500	16.47
MS9533-37	3.750	2.565-2.625	16.93
MS9533-38	3.875	2.690-2.750	17.38
MS9533-39	4.000	2.815-2.875	17.84
MS9533-40	4.125	2.940-3.000	18.29
MS9533-41	4.250	3.065-3.125	18.74
MS9533-42	4.375	3.190-3.250	19.20
MS9533-43	4.500	3.315-3.375	19.65
MS9533-44	4.625	3.440-3.500	20.11
MS9533-45	4.750	3.565-3.625	20.56
MS9533-46	4.875	3.690-3.750	21.02
MS9533-47	5.000	3.815-3.875	21.47
MS9533-48	5.125	3.940-4.000	21.93
MS9533-49	5.250	4.065-4.125	22.38
MS9533-50	5.375	4.190-4.250	22.84
MS9533-51	5.500	4.315-4.375	23.29
MS9533-52	5.625	4.440-4.500	23.75
MS9533-53	5.750	4.565-4.625	24.20
MS9533-54	5.875	4.690-4.750	24.66
MS9533-55	6.000	4.815-4.875	25.11

1. SHANK SHALL BE STRAIGHT WITHIN .0025 FIR PER INCH OF SCREW 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 .019 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET
5. MATERIAL STEEL AMS 6322.
6. HARDNESS ROCKWELL C26-32.
7. FINISH CADMIUM PLATE PER AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING
8. MAGNETIC PARTICLE INSPECTION PER AMS 2640.
9. MANUFACTURING SPECIFICATION AMS 7452 EXCEPT HEAD MUST BE UPSET.
10. SURFACE TEXTURE USAS B46 1-1962 UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES, EXCEPT HEXAGON.
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.

CERTAIN PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT ASCC AIR STD 17/2 WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED, THE DEPARTMENTAL CUSTODIANS WILL INFORM THEIR RESPECTIVE DEPARTMENTAL STANDARDIZATION OFFICES SO THAT APPROPRIATE ACTION MAY BE TAKEN RESPECTING THE INTERNATIONAL AGREEMENT CONCERNED

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE S A E AEROSPACE PROPULSION DIVISION

APPROVED 2 Feb 1968 REVISED

Reviewer activities:

P.A	TITLE	MILITARY STANDARD
USAF-11	BOLT, MACHINE-STEEL AMS 6322, CADMIUM PLATE, DRILLED, 1 HOLE, HEXAGON HEAD, .4375-20 UNJF-3A	MS9533
Other Cust: NAVY-AS, ARMY-AV	INTERNATIONAL INTEREST	
PROCUREMENT SPECIFICATION: None	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE ☆ U.S. GOVERNMENT PRINTING OFFICE: 1968 301 516/4304

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