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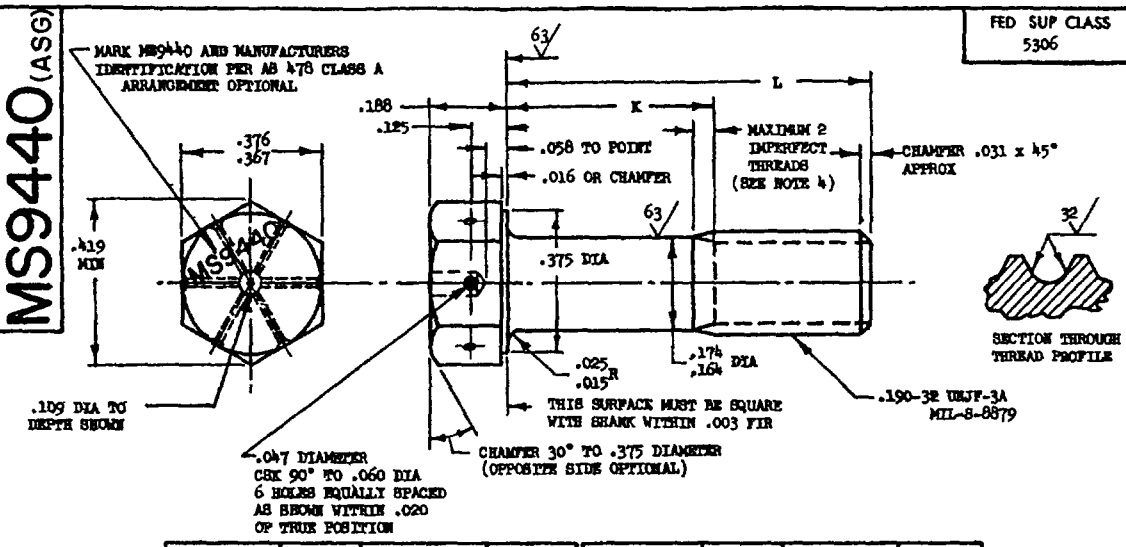
MS9440 (ASG)

FED SUP CLASS 5306



PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9440-04	.375	.072- .092	.81
MS9440-05	.438	.072- .092	.85
MS9440-06	.500	.072- .092	.89
MS9440-07	.562	.072- .092	.93
MS9440-08	.625	.072- .092	.97
MS9440-09	.688	.072- .092	1.01
MS9440-10	.750	.072- .092	1.05
MS9440-11	.812	.122- .182	1.09
MS9440-12	.875	.185- .245	1.13
MS9440-13	.938	.248- .308	1.17
MS9440-14	1.000	.310- .370	1.21
MS9440-15	1.062	.372- .432	1.25
MS9440-16	1.125	.435- .495	1.29
MS9440-17	1.188	.498- .558	1.33
MS9440-18	1.250	.560- .620	1.37
MS9440-19	1.312	.622- .682	1.41
MS9440-20	1.375	.685- .745	1.45
MS9440-21	1.438	.748- .808	1.49
MS9440-22	1.500	.810- .870	1.53
MS9440-23	1.562	.872- .932	1.57
MS9440-24	1.625	.935- .995	1.61
MS9440-25	1.688	.998-1.058	1.65
MS9440-26	1.750	1.060-1.120	1.69
MS9440-27	1.875	1.185-1.245	1.77
MS9440-28	2.000	1.310-1.370	1.85
MS9440-29	2.125	1.435-1.495	1.93
MS9440-30	2.250	1.560-1.620	2.02
MS9440-31	2.375	1.685-1.745	2.10
MS9440-32	2.500	1.810-1.870	2.18
MS9440-33	2.625	1.935-1.995	2.26
MS9440-34	2.750	2.060-2.120	2.34
MS9440-35	2.875	2.185-2.245	2.42
MS9440-36	3.000	2.310-2.370	2.50
MS9440-37	3.125	2.435-2.495	2.58
MS9440-38	3.250	2.560-2.620	2.66
MS9440-39	3.375	2.685-2.745	2.74
MS9440-40	3.500	2.810-2.870	2.82
MS9440-41	3.625	2.935-2.995	2.90
MS9440-42	3.750	3.060-3.120	2.98
MS9440-43	3.875	3.185-3.245	3.06

1. SHANK SHALL BE STRAIGHT WITHIN .003 FIR 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 .011 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET AREA.
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, PD MAY BE REDUCED .0012 MAXIMUM BEFORE PLATING.
8. MANUFACTURING SPECIFICATION AMS 7455. PARTS SUBJECT TO MAGNETIC PARTICLE INSPECTION PER AMS 2640 BEFORE PLATING.
9. SURFACE ROUGHNESS AS 291; UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES EXCEPT HEXAGON.
10. BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED
11. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED TOLERANCES; LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
12. TRUE POSITION TOLERANCES SPECIFIED ARE FOR MAXIMUM MATERIAL CONDITION.
13. DO NOT USE UNASSIGNED PART NUMBERS

AS & AMS ARE SAE PUBLICATIONS.

THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

APPROVED 21 DEC 62 REVISED

P.A. USAF - AFSC Other Cust NAVI - WEP	TITLE: BOLT, MACHINE - STEEL AMS 6304, DIFFUSED NICKEL-CADMIUM PLATED, HEXAGON HEAD, DRILLED, .190-32 UNJF-3A	MILITARY-STANDARD MS9440 (ASG)
PROCUREMENT SPECIFICATION: NONE	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 67 672-1 (Limited coordination) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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This standard has been approved by the Department of the Air Force and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable