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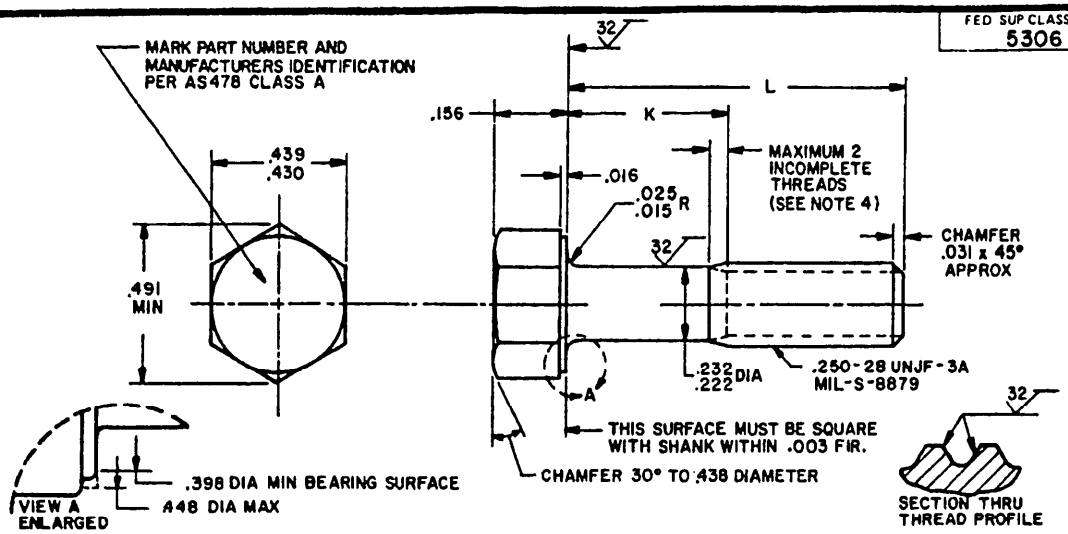
FED SUP CLASS
5306




| PART NUMBER | L | K | APPROX WEIGHT LB/100 |
|---|---|---|---|
| MS9634-04 | .375 | .079- .099 | .78 |
| MS9634-05 | .438 | .079- .099 | .82 |
| MS9634-06 | .500 | .079- .099 | .86 |
| MS9634-07 | .562 | .079- .099 | .90 |
| MS9634-08 | .625 | .079- .099 | .94 |
| MS9634-09 | .688 | .079- .099 | .98 |
| MS9634-10 | .750 | .079- .099 | 1.02 |
| MS9634-11 | .812 | .079- .099 | 1.06 |
| MS9634-12 | .875 | .079- .125 | 1.10 |
| MS9634-13 | .938 | .128- .188 | 1.14 |
| MS9634-14 | 1.000 | .190- .250 | 1.18 |
| MS9634-15 | 1.062 | .252- .312 | 1.22 |
| MS9634-16 | 1.125 | .315- .375 | 1.27 |
| MS9634-17 | 1.188 | .378- .438 | 1.31 |
| MS9634-18 | 1.250 | .440- .500 | 1.35 |
| MS9634-19 | 1.312 | .502- .562 | 1.39 |
| MS9634-20 | 1.375 | .565- .625 | 1.43 |
| MS9634-21 | 1.438 | .628- .688 | 1.47 |
| MS9634-22 | 1.500 | .690- .750 | 1.51 |
| MS9634-23 | 1.562 | .752- .812 | 1.55 |
| MS9634-24 | 1.625 | .815- .875 | 1.59 |
| MS9634-25 | 1.688 | .878- .938 | 1.63 |
| MS9634-26 | 1.750 | .940-1.000 | 1.67 |
| MS9634-27 | 1.812 | 1.002-1.062 | 1.72 |
| MS9634-28 | 1.875 | 1.065-1.125 | 1.76 |
| MS9634-29 | 1.938 | 1.128-1.188 | 1.80 |
| MS9634-30 | 2.000 | 1.190-1.250 | 1.84 |
| MS9634-31 | 2.125 | 1.315-1.375 | 1.92 |
| MS9634-32 | 2.250 | 1.440-1.500 | 2.00 |

| PART NUMBER | L | K | APPROX WEIGHT LB/100 |
|---|---|---|---|
| MS9634-33 | 2.375 | 1.565-1.625 | 2.08 |
| MS9634-34 | 2.500 | 1.690-1.750 | 2.16 |
| MS9634-35 | 2.625 | 1.815-1.875 | 2.25 |
| MS9634-36 | 2.750 | 1.940-2.000 | 2.33 |
| MS9634-37 | 2.875 | 2.065-2.125 | 2.41 |
| MS9634-38 | 3.000 | 2.190-2.250 | 2.49 |
| MS9634-39 | 3.125 | 2.315-2.375 | 2.57 |
| MS9634-40 | 3.250 | 2.440-2.500 | 2.65 |
| MS9634-41 | 3.375 | 2.565-2.625 | 2.73 |
| MS9634-42 | 3.500 | 2.690-2.750 | 2.82 |
| MS9634-43 | 3.625 | 2.815-2.875 | 2.90 |
| MS9634-44 | 3.750 | 2.940-3.000 | 2.98 |
| MS9634-45 | 3.875 | 3.065-3.125 | 3.06 |
| MS9634-46 | 4.000 | 3.190-3.250 | 3.14 |
| MS9634-47 | 4.125 | 3.315-3.375 | 3.23 |
| MS9634-48 | 4.250 | 3.440-3.500 | 3.31 |
| MS9634-49 | 4.375 | 3.565-3.625 | 3.39 |
| MS9634-50 | 4.500 | 3.690-3.750 | 3.47 |
| MS9634-51 | 4.625 | 3.815-3.875 | 3.55 |
| MS9634-52 | 4.750 | 3.940-4.000 | 3.63 |
| MS9634-53 | 4.875 | 4.065-4.125 | 3.71 |
| MS9634-54 | 5.000 | 4.190-4.250 | 3.79 |
| MS9634-55 | 5.125 | 4.315-4.375 | 3.88 |
| MS9634-56 | 5.250 | 4.440-4.500 | 3.96 |
| MS9634-57 | 5.375 | 4.565-4.625 | 4.04 |
| MS9634-58 | 5.500 | 4.690-4.750 | 4.12 |
| MS9634-59 | 5.625 | 4.815-4.875 | 4.20 |
| MS9634-60 | 5.750 | 4.940-5.000 | 4.29 |
| MS9634-61 | 5.875 | 5.065-5.125 | 4.37 |
| MS9634-62 | 6.000 | 5.190-5.250 | 4.45 |

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: TITANIUM AMS 4967.
6. HARDNESS: ROCKWELL C36-42.
7. MANUFACTURING SPECIFICATION: AMS 7461, EXCEPT MATERIAL AS NOTED.
8. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
9. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES, EXCEPT UPSET HEAD.
10. BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED.
11. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ±.010, ANGULAR DIMENSIONS ±5°.
12. DO NOT USE UNASSIGNED PART NUMBERS.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION.

Ⓑ REINSTATED 9 NOV 84

APPROVED 3 MAR 70 REVISED Ⓐ 21 DEC 83 Ⓑ 9 NOV 84

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|---|---|---|---|
| PA Ⓑ AS<br>Other Cust AV 99 | INTERNATIONAL INTEREST Ⓑ | *TITLE BOLT, MACHINE-HEXAGON HEAD, PD SHANK, TITANIUM AMS 4967 .250-28 UNJF-3A | MILITARY STANDARD<br>MS9634 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES: | | PAGE 1 OF 1 |

DD FORM 672-1 (COORDINATED) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE 5306-0908