



| PART NO. | L | K | APPROX WEIGHT LB/100 | PART NO. | L | K | APPROX WEIGHT LB/100 | PART NO. | L | K | APPROX WEIGHT LB/100 |
|-----------|-------|-----------|----------------------|-----------|-------|-------------|----------------------|-----------|-------|-------------|----------------------|
| MS9562-04 | .875 | .113-.133 | 11.21 | MS9562-22 | 2.125 | .690-.750 | 18.21 | MS9562-40 | 4.375 | 2.940-3.000 | 30.91 |
| MS9562-05 | .938 | .113-.133 | 11.56 | MS9562-23 | 2.250 | .815-.875 | 18.93 | MS9562-41 | 4.500 | 3.065-3.125 | 31.62 |
| MS9562-06 | 1.000 | .113-.133 | 11.91 | MS9562-24 | 2.375 | .940-1.000 | 19.63 | MS9562-42 | 4.625 | 3.190-3.250 | 32.32 |
| MS9562-07 | 1.062 | .113-.133 | 12.26 | MS9562-25 | 2.500 | 1.065-1.125 | 20.34 | MS9562-43 | 4.750 | 3.315-3.375 | 33.03 |
| MS9562-08 | 1.125 | .113-.133 | 12.61 | MS9562-26 | 2.625 | 1.190-1.250 | 21.04 | MS9562-44 | 4.875 | 3.440-3.500 | 33.73 |
| MS9562-09 | 1.188 | .113-.133 | 12.96 | MS9562-27 | 2.750 | 1.315-1.375 | 21.75 | MS9562-45 | 5.000 | 3.565-3.625 | 34.44 |
| MS9562-10 | 1.250 | .113-.133 | 13.31 | MS9562-28 | 2.875 | 1.440-1.500 | 22.45 | MS9562-46 | 5.125 | 3.690-3.750 | 35.14 |
| MS9562-11 | 1.312 | .113-.133 | 13.66 | MS9562-29 | 3.000 | 1.565-1.625 | 23.16 | MS9562-47 | 5.250 | 3.815-3.875 | 35.85 |
| MS9562-12 | 1.375 | .113-.133 | 14.01 | MS9562-30 | 3.125 | 1.690-1.750 | 23.86 | MS9562-48 | 5.375 | 3.940-4.000 | 36.55 |
| MS9562-13 | 1.438 | .113-.133 | 14.36 | MS9562-31 | 3.250 | 1.815-1.875 | 24.57 | MS9562-49 | 5.500 | 4.065-4.125 | 37.26 |
| MS9562-14 | 1.500 | .113-.133 | 14.71 | MS9562-32 | 3.375 | 1.940-2.000 | 25.27 | MS9562-50 | 5.625 | 4.190-4.250 | 37.96 |
| MS9562-15 | 1.562 | .128-.188 | 15.06 | MS9562-33 | 3.500 | 2.065-2.125 | 25.98 | MS9562-51 | 5.750 | 4.315-4.375 | 38.67 |
| MS9562-16 | 1.625 | .190-.250 | 15.41 | MS9562-34 | 3.625 | 2.190-2.250 | 26.68 | MS9562-52 | 5.875 | 4.440-4.500 | 39.37 |
| MS9562-17 | 1.688 | .252-.312 | 15.76 | MS9562-35 | 3.750 | 2.315-2.375 | 27.39 | MS9562-53 | 6.000 | 4.565-4.625 | 40.08 |
| MS9562-18 | 1.750 | .315-.375 | 16.11 | MS9562-36 | 3.875 | 2.440-2.500 | 28.09 | MS9562-54 | 1.938 | .502-.562 | 17.16 |
| MS9562-19 | 1.812 | .378-.438 | 16.46 | MS9562-37 | 4.000 | 2.565-2.625 | 28.80 | | | | |
| MS9562-20 | 1.875 | .440-.500 | 16.81 | MS9562-38 | 4.125 | 2.690-2.750 | 29.50 | | | | |
| MS9562-21 | 2.000 | .565-.625 | 17.51 | MS9562-39 | 4.250 | 2.815-2.875 | 30.21 | | | | |

1. SHANK SHALL BE STRAIGHT WITHIN .002 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 DOUBLE HEXAGON DD SHALL BE WITHIN .013 FIR.
4. INCOMPLETE THREADS NOT TO ENTER FILLET.
5. MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS 5731.
6. MANUFACTURING SPECIFICATION: AMS 7477.
7. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
8. SURFACE TEXTURE: USAS B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
9. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS $\pm .010$, ANGULAR DIMENSIONS $\pm 5^\circ$.
11. 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.

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| P.A. AS Other Cust AV 99 | TITLE BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, AMS 5731, .5625-18 UNJF-3A | MILITARY STANDARD MS9562 |
| PROCUREMENT SPECIFICATION | SUPERSEDES: | PAGE 1 OF 1 |

User activities:

Review activities:
AIR FORCE - 82
DLA - IS

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 16 DEC 1965 REVISED (A) 17 Nov 69 (B) 21 DEC 83 (C) 27 JUN 84