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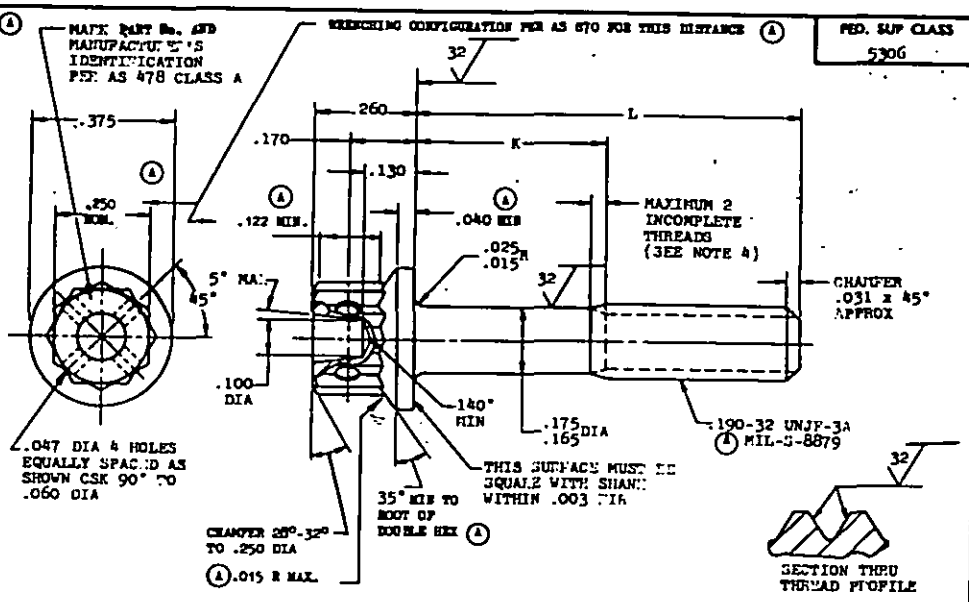
# MS9565




| PART NO. | L | K | APPROX WEIGHT LB/100 |
|---|---|---|---|
| MS9565-03 | .312 | .072-.092 | .87 |
| MS9565-04 | .375 | .072-.092 | .91 |
| MS9565-05 | .438 | .072-.092 | .95 |
| MS9565-06 | .500 | .072-.092 | .99 |
| MS9565-07 | .562 | .072-.092 | 1.03 |
| MS9565-08 | .625 | .072-.092 | 1.07 |
| MS9565-09 | .688 | .072-.092 | 1.11 |
| MS9565-10 | .750 | .072-.120 | 1.15 |
| MS9565-11 | .812 | .122-.182 | 1.19 |
| MS9565-12 | .875 | .185-.245 | 1.23 |
| MS9565-13 | .938 | .248-.308 | 1.27 |
| MS9565-14 | 1.000 | .310-.370 | 1.31 |
| MS9565-15 | 1.062 | .372-.432 | 1.35 |
| MS9565-16 | 1.125 | .435-.495 | 1.39 |
| MS9565-17 | 1.188 | .498-.558 | 1.43 |
| MS9565-18 | 1.250 | .560-.620 | 1.47 |
| MS9565-19 | 1.312 | .622-.682 | 1.51 |
| MS9565-20 | 1.375 | .685-.745 | 1.55 |
| MS9565-21 | 1.438 | .748-.808 | 1.59 |
| MS9565-22 | 1.500 | .810-.870 | 1.63 |
| MS9565-23 | 1.562 | .872-.932 | 1.67 |
| MS9565-24 | 1.625 | .935-.995 | 1.71 |
| MS9565-25 | 1.688 | .998-1.058 | 1.75 |
| MS9565-26 | 1.750 | 1.060-1.120 | 1.79 |
| MS9565-27 | 1.875 | 1.185-1.245 | 1.87 |
| MS9565-28 | 2.000 | 1.310-1.370 | 1.95 |
| MS9565-29 | 2.125 | 1.435-1.495 | 2.03 |
| MS9565-30 | 2.250 | 1.560-1.620 | 2.11 |
| MS9565-31 | 2.375 | 1.685-1.745 | 2.19 |
| MS9565-32 | 2.500 | 1.810-1.870 | 2.27 |
| MS9565-33 | 2.625 | 1.935-1.995 | 2.35 |
| MS9565-34 | 2.750 | 2.060-2.120 | 2.43 |
| MS9565-35 | 2.875 | 2.185-2.245 | 2.51 |
| MS9565-36 | 3.000 | 2.310-2.370 | 2.59 |
| MS9565-37 | 3.125 | 2.435-2.495 | 2.67 |
| MS9565-38 | 3.250 | 2.560-2.620 | 2.75 |
| MS9565-39 | 3.375 | 2.685-2.745 | 2.83 |
| MS9565-40 | 3.500 | 2.810-2.870 | 2.91 |
| MS9565-41 | 3.625 | 2.935-2.995 | 2.99 |
| MS9565-42 | 3.750 | 3.060-3.120 | 3.07 |
| MS9565-43 | 3.875 | 3.185-3.245 | 3.15 |
| MS9565-44 | 1.812 | 1.122-1.182 | 1.83 |
| MS9565-45 | 1.938 | 1.248-1.308 | 1.91 |

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 DOUBLE HEXAGON OD SHALL BE WITHIN .006 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: 246.1-1962 (ASA: B46.1-1962) OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES EXCEPT UPSET HEAD.
9. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
10. DIMENSION IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± .010, ANGULAR DIMENSIONS ± 5°.
11. 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.

REVISED 17 Nov 69
APPROVED 16 Dec 65

User activities: USAF - 82, 85 Army - MC

Review activities: USAF - 11 Navy - AS Army - AV

Other Cust

P.A. USAF - 11

TITLE: BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, FD SHANK, AMS5731, .190-32 UNJF-3A

MILITARY STANDARD

MS9565

PROCUREMENT SPECIFICATION NOTE

SUPERSEDES

SHEET 1 OF 1

DD FORM 1426 672-1 (Coordinated)

This military standard is approved by the Department of Defense and is mandatory in all activities. Industry is free to offer engineering and design applications and for equipment use shall be made from this document.