

REV.  
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AS9525

FEDERAL SUPPLY CLASS  
5306

## RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9525A, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

## WARNING

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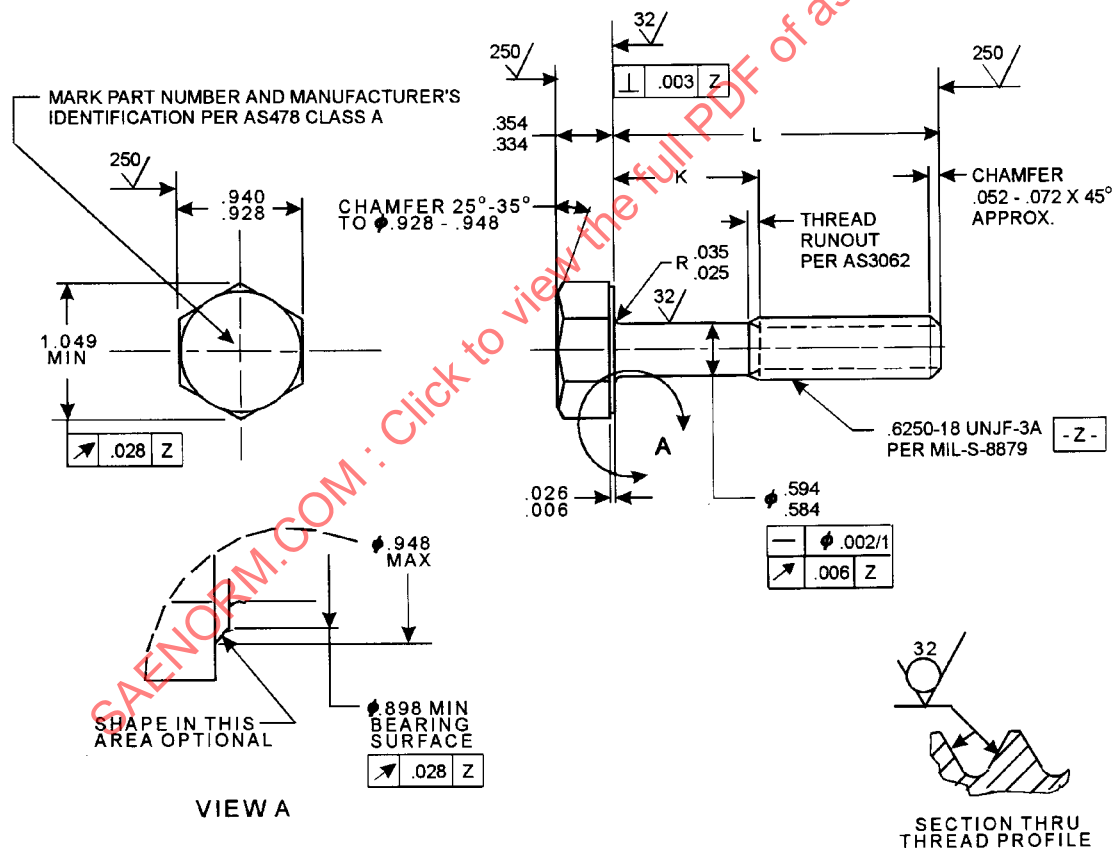


FIGURE 1 - BOLT

PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

**SAE Aerospace**  
An SAE International Group

(R)

**AEROSPACE STANDARD**

BOLT, MACHINE - STEEL, CADMIUM PLATED,  
HEXAGON HEAD, UNS G87400, 125 KSI MIN,  
.6250-18 UNJF-3A

**AS9525**  
SHEET 1 OF 3**REV.**  
**A**

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TABLE 1 - PART NUMBERS AND DIMENSIONS

| PART NO.  | L             | K             | APPROX.<br>MASS<br>LB/100 | PART NO.  | L             | K             | APPROX.<br>MASS<br>LB/100 |
|-----------|---------------|---------------|---------------------------|-----------|---------------|---------------|---------------------------|
| MS9525-03 | .928 - .948   | .118 - .138   | 14.53                     | MS9525-30 | 3.365 - 3.385 | 1.815 - 1.875 | 33.20                     |
| MS9525-04 | .990 - 1.010  | .118 - .138   | 15.01                     | MS9525-31 | 3.490 - 3.510 | 1.940 - 2.000 | 34.16                     |
| MS9525-05 | 1.052 - 1.072 | .118 - .138   | 15.49                     | MS9525-32 | 3.615 - 3.635 | 2.065 - 2.125 | 35.11                     |
| MS9525-06 | 1.115 - 1.135 | .118 - .138   | 15.97                     | MS9525-33 | 3.740 - 3.760 | 2.190 - 2.250 | 36.07                     |
| MS9525-07 | 1.178 - 1.198 | .118 - .138   | 16.45                     | MS9525-34 | 3.865 - 3.885 | 2.315 - 2.375 | 37.03                     |
| MS9525-08 | 1.240 - 1.260 | .118 - .138   | 16.93                     | MS9525-35 | 3.990 - 4.010 | 2.440 - 2.500 | 37.98                     |
| MS9525-09 | 1.302 - 1.322 | .118 - .138   | 17.41                     | MS9525-36 | 4.115 - 4.135 | 2.565 - 2.625 | 38.94                     |
| MS9525-10 | 1.365 - 1.385 | .118 - .138   | 17.89                     | MS9525-37 | 4.240 - 4.260 | 2.690 - 2.750 | 39.90                     |
| MS9525-11 | 1.428 - 1.448 | .118 - .138   | 18.36                     | MS9525-38 | 4.365 - 4.385 | 2.815 - 2.875 | 40.86                     |
| MS9525-12 | 1.490 - 1.510 | .118 - .138   | 18.84                     | MS9525-39 | 4.490 - 4.510 | 2.940 - 3.000 | 41.81                     |
| MS9525-13 | 1.552 - 1.572 | .118 - .138   | 19.32                     | MS9525-40 | 4.615 - 4.635 | 3.065 - 3.125 | 42.77                     |
| MS9525-14 | 1.615 - 1.635 | .118 - .138   | 19.80                     | MS9525-41 | 4.740 - 4.760 | 3.190 - 3.250 | 43.73                     |
| MS9525-15 | 1.678 - 1.698 | .128 - .188   | 20.28                     | MS9525-42 | 4.865 - 4.885 | 3.315 - 3.375 | 44.68                     |
| MS9525-16 | 1.740 - 1.760 | .190 - .250   | 20.76                     | MS9525-43 | 4.990 - 5.010 | 3.440 - 3.500 | 45.64                     |
| MS9525-17 | 1.802 - 1.822 | .252 - .312   | 21.24                     | MS9525-44 | 5.115 - 5.135 | 3.565 - 3.625 | 46.60                     |
| MS9525-18 | 1.865 - 1.885 | .315 - .375   | 21.71                     | MS9525-45 | 5.240 - 5.260 | 3.690 - 3.750 | 47.55                     |
| MS9525-19 | 1.990 - 2.010 | .440 - .500   | 22.67                     | MS9525-46 | 5.365 - 5.385 | 3.815 - 3.875 | 48.51                     |
| MS9525-20 | 2.115 - 2.135 | .565 - .625   | 23.63                     | MS9525-47 | 5.490 - 5.510 | 3.940 - 4.000 | 49.47                     |
| MS9525-21 | 2.240 - 2.260 | .690 - .750   | 24.59                     | MS9525-48 | 5.615 - 5.635 | 4.065 - 4.125 | 50.43                     |
| MS9525-22 | 2.365 - 2.385 | .815 - .875   | 25.54                     | MS9525-49 | 5.740 - 5.760 | 4.190 - 4.250 | 51.38                     |
| MS9525-23 | 2.490 - 2.510 | .940 - 1.000  | 26.50                     | MS9525-50 | 5.865 - 5.885 | 4.315 - 4.375 | 52.34                     |
| MS9525-24 | 2.615 - 2.635 | 1.065 - 1.125 | 27.46                     | MS9525-51 | 5.990 - 6.010 | 4.440 - 4.500 | 53.30                     |
| MS9525-25 | 2.740 - 2.760 | 1.190 - 1.250 | 28.41                     |           |               |               |                           |
| MS9525-26 | 2.865 - 2.885 | 1.315 - 1.375 | 29.37                     |           |               |               |                           |
| MS9525-27 | 2.990 - 3.010 | 1.440 - 1.500 | 30.33                     |           |               |               |                           |
| MS9525-28 | 3.115 - 3.135 | 1.565 - 1.625 | 31.28                     |           |               |               |                           |
| MS9525-29 | 3.240 - 3.260 | 1.690 - 1.750 | 32.24                     |           |               |               |                           |