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**AS9750**

FEDERAL SUPPLY CLASS  
5306

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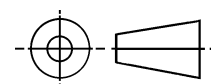
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THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: NONE

**SAE Aerospace**  
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## AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED  
WASHER HEAD, PD SHANK, TITANIUM AMS 4967,  
.190-32 UNJF-3A

**AS9750**  
SHEET 1 OF 3

ISSUED 2000-08 REAFFIRMED 2005-05

MARK PART NO. AND MANUFACTURER'S IDENTIFICATION PER AS 478 CLASS A

WRENCHING CONFIGURATION PER AS 870 FOR THIS DISTANCE

.2500 NOM

.375

.258

.130

.122 MIN

5° MAX

.100 DIA

CHAMFER 28°-32° TO .250 DIA

.015 R MAX

.025 R .015

32

140° MIN

35° TO ROOT OF DOUBLE HEXAGON

L

K

.040 MIN

MAXIMUM 2 INCOMPLETE THREADS (SEE NOTE 4)

CHAMFER .031 x 45° APPROX

.175 DIA .165

.190-32 UNJF-3A MIL-S-8879

THIS SURFACE MUST BE SQUARE WITH SHANK WITHIN .003 FIR.

32

SECTION THRU THRU PROFILE

.015 R MAX

35° TO ROOT  
OF DOUBLE HEXAGON

THIS SURFACE MUST BE  
SQUARE WITH SHANK  
WITHIN .003 FIR.

SECTION

| PART<br>NUMBER | L     | K         | APPROX<br>WEIGHT<br>LB/100 | PART<br>NUMBER | L     | K           | A<br>V<br>L |
|----------------|-------|-----------|----------------------------|----------------|-------|-------------|-------------|
| MS9750-03      | .312  | .072-.092 | .393                       | MS9750-24      | 1.625 | .935-.995   |             |
| MS9750-04      | .375  | .072-.092 | .415                       | MS9750-25      | 1.688 | .998-1.058  |             |
| MS9750-05      | .438  | .072-.092 | .438                       | MS9750-26      | 1.750 | 1.060-1.120 |             |
| MS9750-06      | .500  | .072-.092 | .460                       | MS9750-27      | 1.812 | 1.122-1.182 |             |
| MS9750-07      | .562  | .072-.092 | .483                       | MS9750-28      | 1.875 | 1.185-1.245 |             |
| MS9750-08      | .625  | .072-.092 | .505                       | MS9750-29      | 2.000 | 1.310-1.370 |             |
| MS9750-09      | .688  | .072-.092 | .528                       | MS9750-31      | 2.125 | 1.435-1.495 |             |
| MS9750-10      | .750  | .072-.120 | .550                       | MS9750-31      | 2.250 | 1.560-1.620 |             |
| MS9750-11      | .812  | .122-.182 | .573                       | MS9750-32      | 2.375 | 1.685-1.740 |             |
| MS9750-12      | .875  | .185-.245 | .595                       | MS9750-33      | 2.500 | 1.810-1.870 |             |
| MS9750-13      | .938  | .248-.308 | .615                       | MS9750-34      | 2.625 | 1.935-1.995 |             |
| MS9750-14      | 1.000 | .310-.370 | .640                       | MS9750-35      | 2.750 | 2.060-2.120 |             |
| MS9750-15      | 1.062 | .372-.432 | .663                       | MS9750-36      | 2.875 | 2.185-2.245 |             |
| MS9750-16      | 1.125 | .435-.495 | .685                       | MS9750-37      | 3.000 | 2.310-2.370 |             |
| MS9750-17      | 1.188 | .498-.558 | .708                       | MS9750-38      | 3.125 | 2.435-2.495 |             |
| MS9750-18      | 1.250 | .560-.620 | .730                       | MS9750-39      | 3.250 | 2.560-2.620 |             |