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AS9760

FEDERAL SUPPLY CLASS
5306

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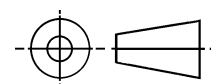
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THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, DRILLED, PD SHANK, TITANIUM
AMS 4967, .250-28 UNJF-3A

AS9760
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

.3125 NOM

45°

.438

.060-.070 DIA 4 HOLES EQUALLY SPACED AS SHOWN CSK 90° TO .080-.090 DIA

.303

.168

.060 MIN

.219

.144 MIN

5° MAX

.025 R

.015

.150 DIA

140° MIN

CHAMFER 28°-32° TO .312 DIA

.015 R MAX

35° TO ROOT OF DOUBLE HEXAGON

32°

MAXIMUM 2 INCOMPLETE THREADS (SEE NOTE 4)

CHAMFER .031 x 45° APPROX

.232 DIA

.222

.250-28 UNJF-3A MIL-S-8879

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

SECTION THRU THREAD PROFILE

PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100	PART NUMBER	L	K	APPROX WEIGHT LB/100
MS9760-04	.375	.079-.099	.71	MS9760-25	1.688	.878-.938	1.55	MS9760-46	4.125	3.315-3.375	3.12
MS9760-05	.438	.079-.099	.75	MS9760-26	1.750	.940-1.000	1.59	MS9760-47	4.250	3.440-3.500	3.20
MS9760-06	.500	.079-.099	.79	MS9760-27	1.812	1.002-1.062	1.63	MS9760-48	4.375	3.565-3.625	3.28
MS9760-07	.562	.079-.099	.83	MS9760-28	1.875	1.065-1.125	1.67	MS9760-49	4.500	3.690-3.750	3.36
MS9760-08	.625	.079-.099	.87	MS9760-29	2.000	1.190-1.250	1.75	MS9760-50	4.625	3.815-3.875	3.44
MS9760-09	.688	.079-.099	.91	MS9760-30	2.125	1.315-1.375	1.83	MS9760-51	4.750	3.940-4.000	3.52
MS9760-10	.750	.079-.099	.95	MS9760-31	2.250	1.440-1.500	1.91	MS9760-52	4.875	4.065-4.125	3.60
MS9760-11	.812	.079-.099	.99	MS9760-32	2.375	1.565-1.625	1.99	MS9760-53	5.000	4.190-4.250	3.68
MS9760-12	.875	.079-.125	1.03	MS9760-33	2.500	1.690-1.750	2.07	MS9760-54	5.125	4.315-4.375	3.76
MS9760-13	.938	.128-.188	1.07	MS9760-34	2.625	1.815-1.875	2.15	MS9760-55	5.250	4.440-4.500	3.84
MS9760-14	1.000	.190-.250	1.11	MS9760-35	2.750	1.940-2.000	2.23	MS9760-56	5.375	4.565-4.625	3.92
MS9760-15	1.062	.252-.312	1.15	MS9760-36	2.875	2.065-2.125	2.31	MS9760-57	5.500	4.690-4.750	4.00
MS9760-16	1.125	.315-.375	1.19	MS9760-37	3.000	2.190-2.250	2.39	MS9760-58	5.625	4.815-4.875	4.08
MS9760-17	1.188	.378-.438	1.23	MS9760-38	3.125	2.315-2.375	2.47	MS9760-59	5.750	4.940-5.000	4.16
MS9760-18	1.250	.440-.500	1.27	MS9760-39	3.250	2.440-2.500	2.55	MS9760-60	5.875	5.065-5.125	4.24
MS9760-19	1.312	.502-.562	1.31	MS9760-40	3.375	2.565-2.625	2.64	MS9760-61	6.000	5.190-5.250	4.32
MS9760-20	1.375	.565-.625	1.35	MS9760-41	3.500	2.690-2.750	2.72				
MS9760-21	1.438	.628-.688	1.39	MS9760-42	3.625	2.815-2.875	2.80				
MS9760-22	1.500	.690-.750	1.43	MS9760-43	3.750	2.940-3.000	2.88				
MS9760-23	1.562	.752-.812	1.47	MS9760-44	3.875	3.065-3.125	2.96				
MS9760-24	1.625	.815-.875	1.51	MS9760-45	4.000	3.190-3.250	3.04				