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AS9532

FEDERAL SUPPLY CLASS
5306

RATIONALE

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

NOTICE

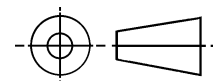
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THIRD ANGLE PROJECTION



ISSUED 1998-08 REAFFIRMED 2006-05

PREPARED BY COMMITTEE E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BOLT, MACHINE - STEEL AMS 6322, CADMIUM PLATE,
DRILLED, 1 HOLE, HEXAGON HEAD, .375-24 UNJF-3A

AS9532
SHEET 1 OF 3

MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION PER AS 478 CLASS A

.564
.553

.631 MIN

.060-.070 DIA CSK 90° TO .100 DIA BOTH ENDS

.522 DIA MIN BEARING SURFACE

.572 DIA MAX

VIEW A ENLARGED

.219

.144

.016

32/

L

K

MAXIMUM 2 INCOMPLETE THREADS (SEE NOTE 4)

CHAMFER .047 x 45° APPROX.

.353 DIA

.343 DIA

.025 R

.015

THIS SURFACE MUST BE SQUARE WITH SHANK WITHIN .003 TIR

CHAMFER 30° TO .562 DIA

.375-24 UNJF-3A MIL-S-8879

32/

SECTION THRU THREAD PROFILE

DASH NUMBER	L	K	APPROX. WEIGHT LB/100
MS9532-04	.625	.088-.108	3.35
MS9532-05	.688	.088-.108	3.52
MS9532-06	.750	.088-.108	3.69
MS9532-07	.812	.088-.108	3.86
MS9532-08	.875	.088-.108	4.03
MS9532-09	.938	.088-.108	4.20
MS9532-10	1.000	.088-.108	4.37
MS9532-11	1.062	.088-.108	4.53
MS9532-12	1.125	.088-.125	4.70
MS9532-13	1.188	.128-.188	4.87
MS9532-14	1.250	.190-.250	5.04
MS9532-15	1.312	.252-.312	5.21
MS9532-16	1.375	.315-.375	5.37
MS9532-17	1.438	.378-.438	5.54
MS9532-18	1.500	.440-.500	5.71
MS9532-19	1.562	.502-.562	5.88
MS9532-20	1.625	.565-.625	6.05
MS9532-21	1.688	.628-.688	6.21
MS9532-22	1.750	.690-.750	6.38
MS9532-23	1.875	.815-.875	6.72
MS9532-24	2.000	.940-1.000	7.05
MS9532-25	2.125	1.065-1.125	7.39
MS9532-26	2.250	1.190-1.250	7.73
MS9532-27	2.375	1.315-1.375	8.06
MS9532-28	2.500	1.440-1.500	8.40
MS9532-29	2.625	1.565-1.625	8.73
MS9532-30	2.750	1.690-1.750	9.07

DASH NUMBER	L	K	APPROX. WEIGHT LB/100
MS9532-31	2.875	1.815-1.875	9.41
MS9532-32	3.000	1.940-2.000	9.74
MS9532-33	3.125	2.065-2.125	10.08
MS9532-34	3.250	2.190-2.250	10.41
MS9532-35	3.375	2.315-2.375	10.75
MS9532-36	3.500	2.440-2.500	11.09
MS9532-37	3.625	2.565-2.625	11.42
MS9532-38	3.750	2.690-2.750	11.76
MS9532-39	3.875	2.815-2.875	12.09
MS9532-40	4.000	2.940-3.000	12.43
MS9532-41	4.125	3.065-3.125	12.77
MS9532-42	4.250	3.190-3.250	13.10
MS9532-43	4.375	3.315-3.375	13.44
MS9532-44	4.500	3.440-3.500	13.77
MS9532-45	4.625	3.565-3.625	14.11
MS9532-46	4.750	3.690-3.750	14.45
MS9532-47	4.875	3.815-3.875	14.78
MS9532-48	5.000	3.940-4.000	15.12
MS9532-49	5.125	4.065-4.125	15.45
MS9532-50	5.250	4.190-4.250	15.79
MS9532-51	5.375	4.315-4.375	16.13
MS9532-52	5.500	4.440-4.500	16.46
MS9532-53	5.625	4.565-4.625	16.80
MS9532-54	5.750	4.690-4.750	17.13
MS9532-55	5.875	4.815-4.875	17.47
MS9532-56	6.000	4.940-5.000	17.81