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FSC 5306

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AS9525

FEDERAL SUPPLY CLASS
5306

NOTICE

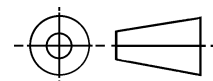
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THIRD ANGLE PROJECTION



ISSUED 1999-08

PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: AMS 7452

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AEROSPACE STANDARD

BOLT, MACHINE, HEXAGON HEAD, STEEL,
CADMIUM PLATED, .625-18 UNJF-3A

AS9525
SHEET 1 OF 3

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

32

L

250

.344

K

.016

THD RUNOUT IAW AS 3062

CHAMFER .062 x 45° APPROX

32

1.059 MIN

.940

.928

.028 A

.025 R

.015

Ø .594

.584

.625-18 UNJF-3A

SEE REQ 4

THREAD PD

.5854-.5889

Ø .948 MAX

Ø .898 MIN BEARING SURFACE

.028 A

.003 A

.002/1

.006 A

-A-

CHAMFER 30° TO Ø.938

SECTION THRU THREAD PROFILE

VIEW A ENLARGED

of as9525

DASH NO.	L	K	APPROX WEIGHT LB/100	DASH NO.	L	K	APPROX WEIGHT LB/100
-03	.938	.118-.138	14.53	-31	3.500	1.940-2.000	34.16
-04	1.000	.118-.138	15.01	-32	3.625	2.065-2.125	35.11
-05	1.062	.118-.138	15.49	-33	3.750	2.190-2.250	36.07
-06	1.125	.118-.138	15.97	-34	3.875	2.315-2.375	37.03
-07	1.188	.118-.138	16.45	-35	4.000	2.440-2.500	37.98
-08	1.250	.118-.138	16.93	-36	4.125	2.565-2.625	38.94
-09	1.312	.118-.138	17.41	-37	4.250	2.690-2.750	39.90
-10	1.375	.118-.138	17.89	-38	4.375	2.815-2.875	40.86
-11	1.438	.118-.138	18.36	-39	4.500	2.940-3.000	41.81
-12	1.500	.118-.138	18.84	-40	4.625	3.065-3.125	42.77
-13	1.562	.118-.138	19.32	-41	4.750	3.190-3.250	43.73
-14	1.625	.118-.138	19.80	-42	4.875	3.315-3.375	44.68
-15	1.688	.128-.188	20.28	-43	5.000	3.440-3.500	45.64
-16	1.750	.190-.250	20.76	-44	5.125	3.565-3.625	46.60
-17	1.812	.252-.312	21.24	-45	5.250	3.690-3.750	47.55
-18	1.875	.315-.375	21.71	-46	5.375	3.815-3.875	48.51
-19	2.000	.440-.500	22.67	-47	5.500	3.940-4.000	49.47
-20	2.125	.565-.625	23.63	-48	5.625	4.065-4.125	50.43
				-49	5.750	4.190-4.250	51.38
				-50	5.875	4.315-4.375	52.34