

AS9699

FEDERAL SUPPLY CLASS
5306

NOTICE

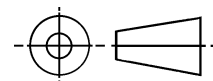
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THIRD ANGLE PROJECTION



ISSUED 1999-04

PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: AMS 7471



AEROSPACE STANDARD

BOLT, MACHINE-DOUBLE HEXAGON, EXTENDED WASHER
HEAD, CORROSION AND HEAT RESISTANT STEEL,
.375-24 UNJF-3A

AS9699
SHEET 1 OF 3

SEE REQT 8

0.490 MIN

0.009 [B]

0.562

0.009 [B]

4375 NOM SEE REQT 4

0.383

0.184

0.100

0.090

140° MIN

32

250

0.188 MIN SEE REQT 4

5° MAX

250

0.260

R. 0.025

0.015

40°

35°

CHAMFER 28°-32° TO 0.438

CHAMFER 0.047 X 45° APPROX

THREAD RUNOUT IAW AS 3062-79

0.375-24 UNJF-3A-SEE REQT 2

THREAD PD .3450 - .3479

-A-

0.353

0.343

-B-

0.006 [A]

0.0025 / 1

32

SECTION THRU THREAD PROFILE

as9699

L	K	APPROX WEIGHT LB/100	DASH NO.	L	K	APPROX WEIGHT LB/100	DASH NO.	L
25	.088-.108	3.55	-22	1.750	.690-.750	6.72	-40	3.875
88	.088-.108	3.78	-23	1.812	.752-.812	6.89	-41	4.000
50	.088-.108	3.90	-24	1.875	.815-.875	7.07	-42	4.125
12	.088-.108	4.08	-25	2.000	.940-1.000	7.42	-43	4.250
75	.088-.108	4.25	-26	2.125	1.065-1.125	7.77	-44	4.375
38	.088-.108	4.43	-27	2.250	1.190-1.250	8.13	-45	4.500
000	.088-.108	4.61	-28	2.375	1.315-1.375	8.48	-46	4.625
062	.088-.108	4.78	-29	2.500	1.440-1.500	8.83	-47	4.750
125	.088-.125	4.96	-30	2.625	1.565-1.625	9.18	-48	4.875
188	.128-.188	5.14	-31	2.750	1.690-1.750	9.53	-49	5.000
250	.190-.250	5.31	-32	2.875	1.815-1.875	9.88	-50	5.125
312	.252-.312	5.48	-33	3.000	1.940-2.000	10.24	-51	5.250
375	.315-.375	5.66	-34	3.125	2.065-2.125	10.59	-52	5.375
438	.378-.438	5.84	-35	3.250	2.190-2.250	10.94	-53	5.500
500	.440-.500	6.01	-36	3.375	2.315-2.375	11.29	-54	5.625
562	.502-.562	6.19	-37	3.500	2.440-2.500	11.64	-55	5.750
625	.565-.625	6.36	-38	3.625	2.565-2.625	11.99	-56	5.875
688	.628-.688	6.54	-39	3.750	2.690-2.750	12.35	-57	6.000

DASH NO.	L	K	APPROX WEIGHT LB/100	DASH NO.	L	K	APPROX WEIGHT LB/100	DASH NO.	L	K	APPROX WEIGHT LB/100
-04	.625	.088-.108	3.55	-22	1.750	.690-.750	6.72	-40	3.875	2.815-2.875	12.70
-05	.688	.088-.108	3.78	-23	1.812	.752-.812	6.89	-41	4.000	2.940-3.000	13.05
-06	.750	.088-.108	3.90	-24	1.875	.815-.875	7.07	-42	4.125	3.065-3.125	13.40
-07	.812	.088-.108	4.08	-25	2.000	.940-1.000	7.42	-43	4.250	3.190-3.250	13.76
-08	.875	.088-.108	4.25	-26	2.125	1.065-1.125	7.77	-44	4.375	3.315-3.375	14.11
-09	.938	.088-.108	4.43	-27	2.250	1.190-1.250	8.13	-45	4.500	3.440-3.500	14.46
-10	1.000	.088-.108	4.61	-28	2.375	1.315-1.375	8.48	-46	4.625	3.565-3.625	14.81
-11	1.062	.088-.108	4.78	-29	2.500	1.440-1.500	8.83	-47	4.750	3.690-3.750	15.16
-12	1.125	.088-.125	4.96	-30	2.625	1.565-1.625	9.18	-48	4.875	3.815-3.875	15.51
-13	1.188	.128-.188	5.14	-31	2.750	1.690-1.750	9.53	-49	5.000	3.940-4.000	15.87
-14	1.250	.190-.250	5.31	-32	2.875	1.815-1.875	9.88	-50	5.125	4.065-4.125	16.22
-15	1.312	.252-.312	5.48	-33	3.000	1.940-2.000	10.24	-51	5.250	4.190-4.250	16.57
-16	1.375	.315-.375	5.66	-34	3.125	2.065-2.125	10.59	-52	5.375	4.315-4.375	16.92
-17	1.438	.378-.438	5.84	-35	3.250	2.190-2.250	10.94	-53	5.500	4.440-4.500	17.27
-18	1.500	.440-.500	6.01	-36	3.375	2.315-2.375	11.29	-54	5.625	4.565-4.625	17.62
-19	1.562	.502-.562	6.19	-37	3.500	2.440-2.500	11.64	-55	5.750	4.690-4.750	17.98
-20	1.625	.565-.625	6.36	-38	3.625	2.565-2.625	11.99	-56	5.875	4.815-4.875	18.33
-21	1.688	.628-.688	6.54	-39	3.750	2.690-2.750	12.35	-57	6.000	4.940-5.000	18.68