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AS9697

Submitted for recognition as an American National Standard

FEDERAL SUPPLY CLASS
5306

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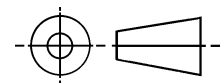
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THIRD ANGLE PROJECTION



ISSUED 1998-11

PREPARED BY COMMITTEE E-25

PROCUREMENT SPECIFICATION: AMS 7471

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AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON, EXTENDED
WASHER HEAD, CORROSION AND HEAT RESISTANT
STEEL, .250-28 UNJF-3A

AS9697
SHEET 1 OF 3

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SEE REQT 8

$\phi .438$

$\sqrt{\text{.007 B}}$

$\phi .348$ MIN

.3125 NOM SEE REQT 4

THREAD RUNOUT IAW AS 3062-79
CHAMFER .031 X 45° APPROX

L

K

.303

.168

.144 MIN SEE REQT 4

5° MAX

250

140° 32' MIN

R.015

.025

CHAMFER 28°-32° TO $\phi .312$

$\phi .150$

40° 35'

.232

$\phi .222$

.250-28 UNJF-3A-SEE REQT 2
THREAD PD .2243 - .2268

-A-

32

250

$\perp .003 \text{ B}$

$\sqrt{\text{.006 A}}$

$\sqrt{\text{.003 / 1 S}}$

TABLE 1. DASH NUMBERS AND DIMENSIONS

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	.375	.079-.099	1.06	-25	1.688	.878-.938	2.88	-46	4.125	3.315-3.375	5.75
-05	.438	.079-.099	1.33	-26	1.750	.940-1.000	2.91	-47	4.250	3.440-3.500	5.90
-06	.500	.079-.099	1.41	-27	1.812	1.002-1.062	2.98	-48	4.375	3.565-3.625	6.05
-07	.562	.079-.099	1.48	-28	1.875	1.065-1.125	3.06	-49	4.500	3.690-3.750	6.20
-08	.625	.079-.099	1.56	-29	2.000	1.190-1.250	3.21	-50	4.625	3.815-3.875	6.35
-09	.688	.079-.099	1.63	-30	2.125	1.315-1.375	3.36	-51	4.750	3.940-4.000	6.50
-10	.750	.079-.099	1.71	-31	2.250	1.440-1.500	3.51	-52	4.875	4.065-4.125	6.65
-11	.812	.079-.099	1.78	-32	2.375	1.565-1.625	3.66	-53	5.000	4.190-4.250	6.80
-12	.875	.079-.125	1.86	-33	2.500	1.690-1.750	3.81	-54	5.125	4.315-4.375	6.95
-13	.938	.128-.188	1.93	-34	2.625	1.815-1.875	3.96	-55	5.250	4.440-4.500	7.10
-14	1.000	.190-.250	2.01	-35	2.750	1.940-2.000	4.11	-56	5.375	4.565-4.625	7.25
-15	1.062	.252-.312	2.08	-36	2.875	2.065-2.125	4.26	-57	5.500	4.690-4.750	7.40
-16	1.125	.315-.375	2.16	-37	3.000	2.190-2.250	4.41	-58	5.625	4.815-4.875	7.55
-17	1.188	.378-.438	2.23	-38	3.125	2.315-2.375	4.56	-59	5.750	4.940-5.000	7.70
-18	1.250	.440-.500	2.31	-39	3.250	2.440-2.500	4.71	-60	5.875	5.065-5.125	7.85
-19	1.312	.502-.562	2.38	-40	3.375	2.565-2.625	4.86	-61	6.000	5.190-5.250	8.00
-20	1.375	.565-.625	2.46	-41	3.500	2.690-2.750	5.00				
-21	1.438	.628-.688	2.53	-42	3.625	2.815-2.875	5.15				
-22	1.500	.690-.750	2.61	-43	3.750	2.940-3.000	5.30				
-23	1.562	.752-.812	2.68	-44	3.875	3.065-3.125	5.45				
-24	1.625	.815-.875	2.76	-45	4.000	3.190-3.250	5.60				