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AS9575

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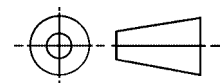
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THIRD ANGLE PROJECTION



ISSUED 1999-12

PREPARED BY SAE COMMITTEE E-25

PROCUREMENT SPECIFICATION: NONE

SAE The Engineering Society
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AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, DRILLED, PD SHANK,
SILVER PLATED, .250-28 UNJF-3A

AS9575
SHEET 1 OF 3

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Technical drawing of a mechanical part, showing multiple views (front, top, and side) with dimensions and specifications.

Dimensions and Specifications:

- Top View:
 - Overall width: 3125 NOM
 - Inner diameter: $\phi 348$ MIN
 - Outer diameter: $\phi 438$
 - Surface texture: 0.007 B
 - 4 HOLES EQUALLY SPACED AS SHOWN, CSK 90° TO $\phi 100$
- Front View:
 - Overall length: 300
 - Inner diameter: $\phi 150$
 - Outer diameter: 250
 - Thread: 2500-28 UNF 3A (SEE REQUIREMENT 4)
 - Chamfer: 28°-32° TO $\phi 312$
 - Surface texture: 0.003 B
- Side View:
 - Overall length: 220
 - Inner diameter: $\phi 144$ MIN
 - Outer diameter: 250
 - Thread: 2500-28 UNF 3A (SEE REQUIREMENT 4)
 - Chamfer: 28°-32° TO $\phi 312$
 - Surface texture: 0.003 B

Section A-A: SECTION THRU THREAD PROFILE

Surface Texture: 0.007 B, 0.003 B, 0.006 B

Thread: 2500-28 UNF 3A (SEE REQUIREMENT 4)

Chamfer: 28°-32° TO $\phi 312$

Section A-A: SECTION THRU THREAD PROFILE

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	1.14	-24	1.625	.815-.875	2.57	-44	4.000	3.190-3.250	5.27
-05	.438	.079-.099	1.21	-25	1.688	.878-.938	2.64	-45	4.125	3.135-3.375	5.42
-06	.500	.079-.099	1.29	-26	1.750	.940-1.000	2.72	-46	4.250	3.440-3.500	5.56
-07	.562	.079-.099	1.36	-27	1.875	1.065-1.125	2.86	-47	4.375	3.565-3.625	5.71
-08	.625	.079-.099	1.44	-28	2.000	1.190-1.250	3.00	-48	4.500	3.690-3.750	5.85
-09	.688	.079-.099	1.51	-29	2.125	1.315-1.375	3.14	-49	4.625	3.815-3.875	6.00
-10	.750	.079-.099	1.58	-30	2.250	1.440-1.500	3.29	-50	4.750	3.940-4.000	6.14
-11	.812	.079-.099	1.65	-31	2.375	1.565-1.625	3.43	-51	4.875	4.065-4.125	6.29
-12	.875	.079-.125	1.72	-32	2.500	1.690-1.750	3.57	-52	5.000	4.190-4.250	6.43
-13	.938	.128-.188	1.79	-33	2.625	1.815-1.875	3.71	-53	5.125	4.315-4.375	6.56
-14	1.000	.190-.250	1.86	-34	2.750	1.940-2.000	3.85	-54	5.250	4.440-4.500	6.70
-15	1.062	.252-.312	1.93	-35	2.875	2.065-2.125	4.00	-55	5.375	4.565-4.625	6.84
-16	1.125	.315-.375	2.00	-36	3.000	2.190-2.250	4.14	-56	5.500	4.690-4.750	6.99
-17	1.188	.378-.438	2.08	-37	3.125	2.315-2.375	4.29	-57	5.625	4.815-4.875	7.13
-18	1.250	.440-.500	2.15	-38	3.250	2.440-2.500	4.43	-58	5.750	4.940-5.000	7.28
-19	1.312	.502-.562	2.22	-39	3.375	2.565-2.625	4.58	-59	5.875	5.065-5.125	7.42
-20	1.375	.565-.625	2.29	-40	3.500	2.690-2.750	4.72	-60	6.000	5.190-5.250	7.57
-21	1.438	.628-.688	2.36	-41	3.625	2.815-2.875	4.85	-61	1.812	1.002-1.062	2.79
-22	1.500	.690-.750	2.43	-42	3.750	2.940-3.000	4.99	-62	1.938	1.128-1.188	2.93
-23	1.562	.752-.812	2.50	-43	3.875	3.065-3.125	5.13				