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AS9716

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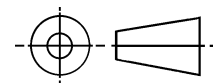
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THIRD ANGLE PROJECTION



ISSUED 1998-10 REAFFIRMED 2003-10

PREPARED BY COMMITTEE E-25

PROCUREMENT SPECIFICATION: AMS 7471

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

BOLT, MACHINE-DOUBLE HEXAGON, EXTENDED
WASHER HEAD, DRILLED, SILVER PLATED, CORROSION
AND HEAT RESISTANT STEEL, .3125-24 UNJF-3A

AS9716
SHEET 1 OF 3

SEE REQ 9

$\phi .500$

$\phi .420$ MIN

$\phi .3750$ NOM SEE REQ 4

$\phi .070$ 4 HOLES EQUALLY SPACED AS SHOWN CSK 90° TO $\phi .100$

45°

250

5° MAX

$\phi .206$

CHAMFER $28^\circ - 32^\circ$ TO $\phi .375$

$.166$ MIN SEE REQ 4

$.338$

$.241$

$.176$

$.080$

$.070$

$R .025$

$.015$

32

THREAD RUNOUT IAW AS 3062-79

CHAMFER $.047 \times 45^\circ$ APPROX

140° MIN

40°

35°

$\phi .290$

$\phi .280$

$.3125-24$ UNJF-3A-SEE REQ 3

THREAD PD $.2827-.2854$

$-B-$

$.006$ A

$-.003/1$ S

$-A-$

SECTION THRU THREAD PROFILE

of as9716

TABLE I. DASH NUMBERS AND DIMENSIONS

DASH NUMBER	L	K	APPROX WEIGHT LB/100	DASH NUMBER	L	K	APPROX WEIGHT LB/100	DASH NUMBER	L	K	APPROX WEIGHT LB/100
-04	.500	.088-.108	2.17	-22	1.625	.690-.750	4.29	-40	3.625	2.690-2.750	8.07
-05	.562	.088-.108	2.29	-23	1.688	.752-.812	4.41	-41	3.750	2.815-2.875	8.31
-06	.625	.088-.108	2.41	-24	1.750	.815-.875	4.53	-42	3.875	2.940-3.000	8.54
-07	.688	.088-.108	2.52	-25	1.812	.877-.937	4.65	-43	4.000	3.065-3.125	8.78
-08	.750	.088-.108	2.64	-26	1.875	.940-1.000	4.77	-44	4.125	3.190-3.250	9.02
-09	.812	.088-.108	2.76	-27	2.000	1.065-1.125	5.00	-45	4.250	3.315-3.375	9.25
-10	.875	.088-.108	2.88	-28	2.125	1.190-1.250	5.24	-46	4.375	3.440-3.500	9.49
-11	.938	.088-.108	3.00	-29	2.250	1.315-1.375	5.48	-47	4.500	3.565-3.625	9.72
-12	1.000	.088-.125	3.11	-30	2.375	1.440-1.500	5.71	-48	4.625	3.690-3.750	9.96
-13	1.062	.128-.188	3.23	-31	2.500	1.565-1.625	5.95	-49	4.750	3.815-3.875	10.20
-14	1.125	.190-.250	3.35	-32	2.625	1.690-1.750	6.19	-50	4.875	3.940-4.000	10.43
-15	1.188	.252-.312	3.47	-33	2.750	1.815-1.875	6.42	-51	5.000	4.065-4.125	10.67
-16	1.250	.315-.375	3.59	-34	2.875	1.940-2.000	6.66	-52	5.125	4.190-4.250	10.91
-17	1.312	.378-.438	3.70	-35	3.000	2.065-2.125	6.90	-53	5.250	4.315-4.375	11.14
-18	1.375	.440-.500	3.82	-36	3.125	2.190-2.250	7.13	-54	5.375	4.440-4.500	11.38
-19	1.438	.502-.562	3.94	-37	3.250	2.315-2.375	7.36	-55	5.500	4.565-4.625	11.61
-20	1.500	.565-.625	4.06	-38	3.375	2.440-2.500	7.60	-56	5.625	4.690-4.750	11.85
-21	1.562	.628-.688	4.18	-39	3.500	2.565-2.625	7.84	-57	5.750	4.815-4.875	12.09
								-58	5.875	4.940-5.000	12.32
								-59	6.000	5.065-5.125	12.56