

RATIONALE

UPDATE THREAD SPECIFICATION TO AS8879, UPDATE TO ANSI Y14.5M-1982, REVISE FPI REQUIREMENTS TO ASTM E1417/1417M, ADD EDGE DISTANCE EXCEPTION FOR HEAD MARKING, REVISE ACROSS POINTS DIMENSION, ADD AS3062 FOR THREAD RUNOUT, FIGURE 1 REDRAWN, UPDATE REFERENCES, AND GENERAL EDITORIAL UPDATE.

REV.
A

AS3401

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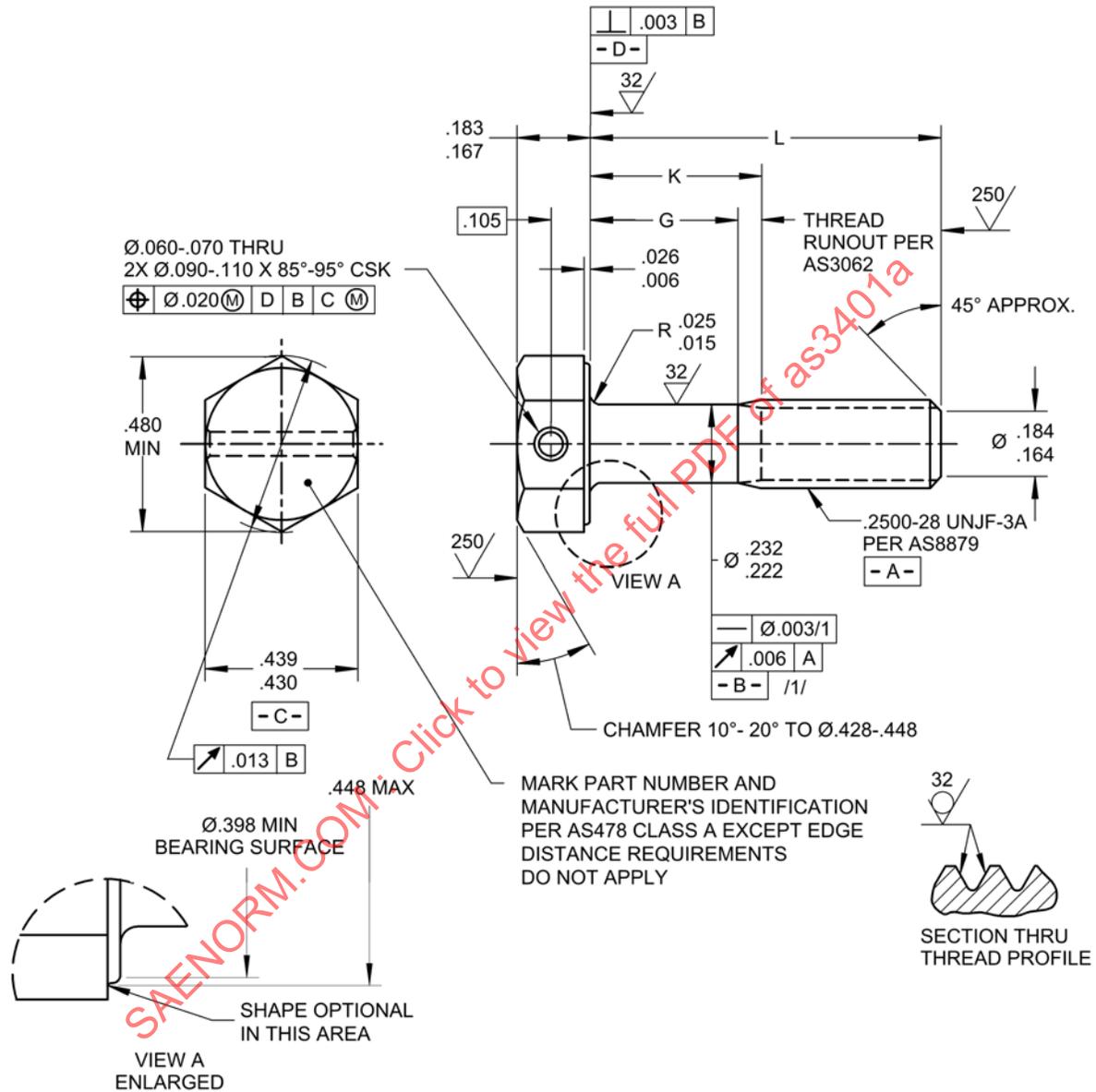
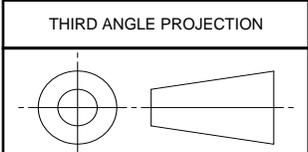


FIGURE 1 - BOLT

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7471



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD,
DRILLED 1 HOLE, PD SHANK,
AMS5708 (UNS N07001), .2500-28 UNJF-3A

AS3401
SHEET 1 OF 3

REV. A

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	G MIN	K MAX	APPROX. MASS LB/100	PART NO.	L	G MIN	K MAX	APPROX. MASS LB/100
AS3401-04	.365 - .385	.025	.099	1.22	AS3401-34	2.490 - 2.510	1.619	1.750	3.76
AS3401-05	.428 - .448	.025	.099	1.29	AS3401-35	2.615 - 2.635	1.744	1.873	3.90
AS3401-06	.490 - .510	.025	.099	1.37	AS3401-36	2.740 - 2.760	1.869	2.000	4.06
AS3401-07	.552 - .572	.025	.099	1.44	AS3401-37	2.865 - 2.885	1.994	2.125	4.20
AS3401-08	.615 - .635	.025	.099	1.51	AS3401-38	2.990 - 3.010	2.119	2.250	4.36
AS3401-09	.678 - .698	.025	.099	1.58	AS3401-39	3.115 - 3.135	2.244	2.375	4.50
AS3401-10	.740 - .760	.025	.099	1.66	AS3401-40	3.240 - 3.260	2.369	2.500	4.66
AS3401-11	.802 - .822	.025	.099	1.73	AS3401-41	3.365 - 3.385	2.494	2.625	4.80
AS3401-12	.865 - .885	.025	.125	1.80	AS3401-42	3.490 - 3.510	2.619	2.750	4.96
AS3401-13	.928 - .948	.057	.188	1.87	AS3401-43	3.615 - 3.635	2.744	2.875	5.10
AS3401-14	.990 - 1.010	.119	.250	1.94	AS3401-44	3.740 - 3.760	2.869	3.000	5.26
AS3401-15	1.052 - 1.072	.181	.312	2.03	AS3401-45	3.865 - 3.885	2.994	3.125	5.40
AS3401-16	1.115 - 1.135	.244	.375	2.10	AS3401-46	3.990 - 4.010	3.119	3.250	5.56
AS3401-17	1.178 - 1.198	.307	.438	2.17	AS3401-47	4.115 - 4.135	3.244	3.375	5.70
AS3401-18	1.240 - 1.260	.369	.500	2.24	AS3401-48	4.240 - 4.260	3.369	3.500	5.86
AS3401-19	1.302 - 1.322	.431	.562	2.33	AS3401-49	4.365 - 4.385	3.494	3.625	6.00
AS3401-20	1.365 - 1.385	.494	.625	2.40	AS3401-50	4.490 - 4.510	3.619	3.750	6.16
AS3401-21	1.428 - 1.448	.557	.688	2.47	AS3401-51	4.615 - 4.635	3.744	3.875	6.30
AS3401-22	1.490 - 1.510	.619	.750	2.55	AS3401-52	4.740 - 4.760	3.869	4.000	6.46
AS3401-23	1.552 - 1.572	.681	.812	2.63	AS3401-53	4.865 - 4.885	3.994	4.125	6.60
AS3401-24	1.615 - 1.635	.744	.875	2.70	AS3401-54	4.990 - 5.010	4.119	4.250	6.76
AS3401-25	1.678 - 1.698	.807	.938	2.77	AS3401-55	5.115 - 5.135	4.244	4.375	6.90
AS3401-26	1.740 - 1.760	.869	1.000	2.85	AS3401-56	5.240 - 5.260	4.369	4.500	7.06
AS3401-27	1.802 - 1.822	.931	1.062	2.93	AS3401-57	5.365 - 5.385	4.494	4.625	7.20
AS3401-28	1.865 - 1.885	.994	1.125	3.00	AS3401-58	5.490 - 5.510	4.619	4.750	7.36
AS3401-29	1.928 - 1.948	1.057	1.188	3.07	AS3401-59	5.615 - 5.635	4.744	4.875	7.51
AS3401-30	1.990 - 2.010	1.119	1.250	3.15	AS3401-60	5.740 - 5.760	4.869	5.000	7.66
AS3401-31	2.115 - 2.135	1.244	1.375	3.30	AS3401-61	5.865 - 5.885	4.994	5.125	7.81
AS3401-32	2.240 - 2.260	1.369	1.500	3.46	AS3401-62	5.990 - 6.010	5.119	5.250	7.96
AS3401-33	2.365 - 2.385	1.494	1.625	3.60					

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