

RATIONALE

REVISE WRENCHING ELEMENT RUNOUT CALLOUT (RELOCATE FROM WRENCH FLATS TO POINTS). REVISE THREAD SPECIFICATION TO AS8879. REVISE LIGHTENING HOLE CONFIGURATION (ADD SECTION VIEW) TO ALLOW OPTIONAL SHAPE AT BOTTOM OF HOLE, ADD SYMBOL FOR Ø AND MMC TO POSITION TOLERANCE FOR SAFETY WIRE HOLES, DELETE .015 MIN RADIUS AT BASE OF WRENCH PAD, AND FIGURE 1 REDRAWN.

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SAE AS3251

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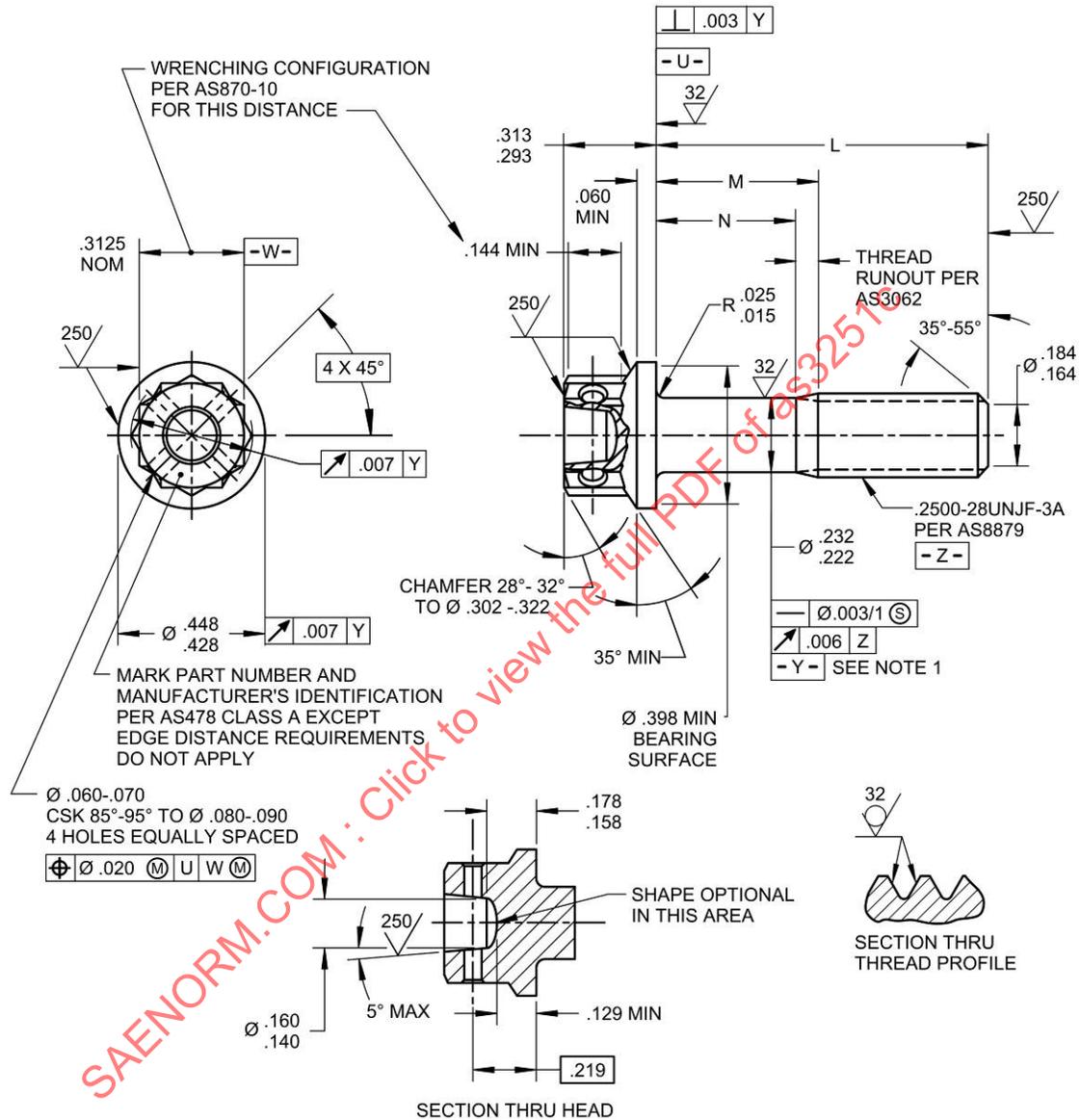


FIGURE 1 - BOLT

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7466

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AEROSPACE STANDARD

BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, SILVER PLATED, NICKEL ALLOY, UNS N07718, 185 KSI MIN, .2500-28 UNJF-3A

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100	PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100
AS3251-04	.365 - .385	.025	.099	1.04	AS3251-34	2.490 - 2.510	1.619	1.750	3.60
AS3251-05	.428 - .448	.025	.099	1.11	AS3251-35	2.615 - 2.635	1.744	1.875	3.75
AS3251-06	.490 - .510	.025	.099	1.18	AS3251-36	2.740 - 2.760	1.869	2.000	3.90
AS3251-07	.552 - .572	.025	.099	1.27	AS3251-37	2.865 - 2.885	1.994	2.125	4.05
AS3251-08	.615 - .635	.025	.099	1.34	AS3251-38	2.990 - 3.010	2.119	2.250	4.20
AS3251-09	.678 - .698	.025	.099	1.41	AS3251-39	3.115 - 3.135	2.244	2.375	4.35
AS3251-10	.740 - .760	.025	.099	1.48	AS3251-40	3.240 - 3.260	2.369	2.500	4.51
AS3251-11	.802 - .822	.025	.099	1.57	AS3251-41	3.365 - 3.385	2.494	2.625	4.65
AS3251-12	.865 - .885	.025	.125	1.64	AS3251-42	3.490 - 3.510	2.619	2.750	4.81
AS3251-13	.928 - .948	.057	.188	1.71	AS3251-43	3.615 - 3.635	2.744	2.875	4.95
AS3251-14	.990 - 1.010	.119	.250	1.80	AS3251-44	3.740 - 3.760	2.869	3.000	5.11
AS3251-15	1.052 - 1.072	.181	.312	1.87	AS3251-45	3.865 - 3.885	2.994	3.125	5.25
AS3251-16	1.115 - 1.135	.244	.375	1.94	AS3251-46	3.990 - 4.010	3.119	3.250	5.41
AS3251-17	1.178 - 1.198	.307	.438	2.01	AS3251-47	4.115 - 4.135	3.244	3.375	5.55
AS3251-18	1.240 - 1.260	.369	.500	2.11	AS3251-48	4.240 - 4.260	3.369	3.500	5.71
AS3251-19	1.302 - 1.322	.431	.562	2.17	AS3251-49	4.365 - 4.385	3.494	3.625	5.87
AS3251-20	1.365 - 1.385	.494	.625	2.24	AS3251-50	4.490 - 4.510	3.619	3.750	6.01
AS3251-21	1.428 - 1.448	.557	.688	2.32	AS3251-51	4.615 - 4.635	3.744	3.875	6.17
AS3251-22	1.490 - 1.510	.619	.750	2.40	AS3251-52	4.740 - 4.760	3.869	4.000	6.31
AS3251-23	1.552 - 1.572	.681	.812	2.47	AS3251-53	4.865 - 4.885	3.994	4.125	6.47
AS3251-24	1.615 - 1.635	.744	.875	2.54	AS3251-54	4.990 - 5.010	4.119	4.250	6.61
AS3251-25	1.678 - 1.698	.807	.938	2.62	AS3251-55	5.115 - 5.135	4.244	4.375	6.77
AS3251-26	1.740 - 1.760	.869	1.000	2.70	AS3251-56	5.240 - 5.260	4.369	4.500	6.91
AS3251-27	1.802 - 1.822	.931	1.062	2.77	AS3251-57	5.365 - 5.385	4.494	4.625	7.07
AS3251-28	1.865 - 1.885	.994	1.125	2.84	AS3251-58	5.490 - 5.510	4.619	4.750	7.21
AS3251-29	1.928 - 1.948	1.057	1.188	2.92	AS3251-59	5.615 - 5.635	4.744	4.875	7.37
AS3251-30	1.990 - 2.010	1.119	1.250	3.00	AS3251-60	5.740 - 5.760	4.869	5.000	7.52
AS3251-31	2.115 - 2.135	1.244	1.375	3.15	AS3251-61	5.865 - 5.885	4.994	5.125	7.67
AS3251-32	2.240 - 2.260	1.369	1.500	3.30	AS3251-62	5.990 - 6.010	5.119	5.250	7.82
AS3251-33	2.365 - 2.385	1.494	1.625	3.45					

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