

REV. B

AS3251

FEDERAL SUPPLY CLASS 5306

RATIONALE

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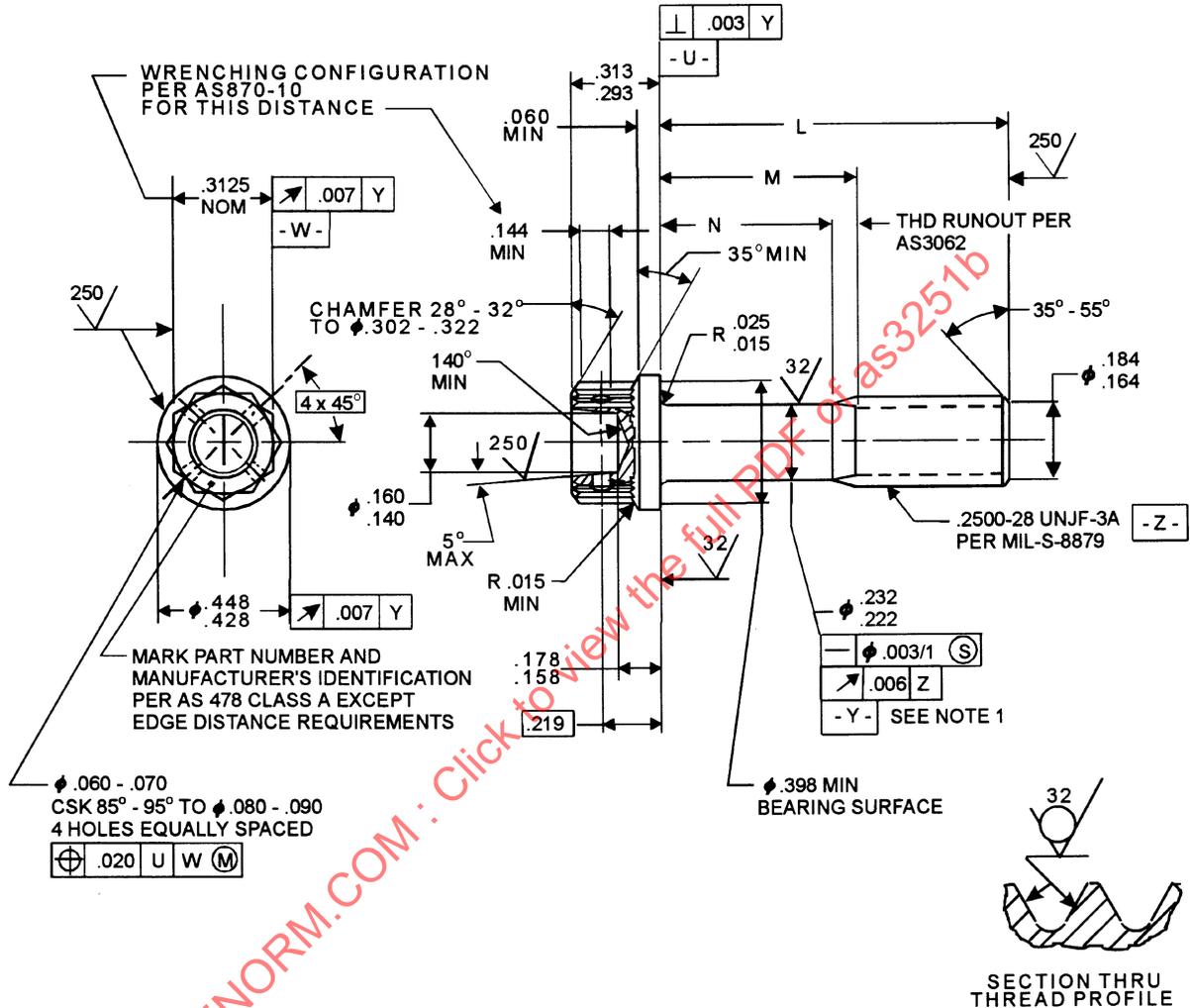
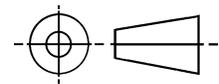


FIGURE 1 - BOLT

THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

**SAE Aerospace**  
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**AEROSPACE STANDARD**

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

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ISSUED 1980-07 REVISED 2002-06 REAFFIRMED 2007-06

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100
AS3251-04	.365 - .385	.025	.099	1.04
AS3251-05	.428 - .448	.025	.099	1.11
AS3251-06	.490 - .510	.025	.099	1.18
AS3251-07	.552 - .572	.025	.099	1.27
AS3251-08	.615 - .635	.025	.099	1.34
AS3251-09	.678 - .698	.025	.099	1.41
AS3251-10	.740 - .760	.025	.099	1.48
AS3251-11	.802 - .822	.025	.099	1.57
AS3251-12	.865 - .885	.025	.125	1.64
AS3251-13	.928 - .948	.057	.188	1.71
AS3251-14	.990 - 1.010	.119	.250	1.80
AS3251-15	1.052 - 1.072	.181	.312	1.87
AS3251-16	1.115 - 1.135	.244	.375	1.94
AS3251-17	1.178 - 1.198	.307	.438	2.01
AS3251-18	1.240 - 1.260	.369	.500	2.11
AS3251-19	1.302 - 1.322	.431	.562	2.17
AS3251-20	1.365 - 1.385	.494	.625	2.24
AS3251-21	1.428 - 1.448	.557	.688	2.32
AS3251-22	1.490 - 1.510	.619	.750	2.40
AS3251-23	1.552 - 1.572	.681	.812	2.47
AS3251-24	1.615 - 1.635	.744	.875	2.54
AS3251-25	1.678 - 1.698	.807	.938	2.62
AS3251-26	1.740 - 1.760	.869	1.000	2.70
AS3251-27	1.802 - 1.822	.931	1.062	2.77
AS3251-28	1.865 - 1.885	.994	1.125	2.84
AS3251-29	1.928 - 1.948	1.057	1.188	2.92
AS3251-30	1.990 - 2.010	1.119	1.250	3.00
AS3251-31	2.115 - 2.135	1.244	1.375	3.15
AS3251-32	2.240 - 2.260	1.369	1.500	3.30
AS3251-33	2.365 - 2.385	1.494	1.625	3.45

PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100
AS3251-34	2.490 - 2.510	1.619	1.750	3.60
AS3251-35	2.615 - 2.635	1.744	1.875	3.75
AS3251-36	2.740 - 2.760	1.869	2.000	3.90
AS3251-37	2.865 - 2.885	1.994	2.125	4.05
AS3251-38	2.990 - 3.010	2.119	2.250	4.20
AS3251-39	3.115 - 3.135	2.244	2.375	4.35
AS3251-40	3.240 - 3.260	2.369	2.500	4.51
AS3251-41	3.365 - 3.385	2.494	2.625	4.65
AS3251-42	3.490 - 3.510	2.619	2.750	4.81
AS3251-43	3.615 - 3.635	2.744	2.875	4.95
AS3251-44	3.740 - 3.760	2.869	3.000	5.11
AS3251-45	3.865 - 3.885	2.994	3.125	5.25
AS3251-46	3.990 - 4.010	3.119	3.250	5.41
AS3251-47	4.115 - 4.135	3.244	3.375	5.55
AS3251-48	4.240 - 4.260	3.369	3.500	5.71
AS3251-49	4.365 - 4.385	3.494	3.625	5.87
AS3251-50	4.490 - 4.510	3.619	3.750	6.01
AS3251-51	4.615 - 4.635	3.744	3.875	6.17
AS3251-52	4.740 - 4.760	3.869	4.000	6.31
AS3251-53	4.865 - 4.885	3.994	4.125	6.47
AS3251-54	4.990 - 5.010	4.119	4.250	6.61
AS3251-55	5.115 - 5.135	4.244	4.375	6.77
AS3251-56	5.240 - 5.260	4.369	4.500	6.91
AS3251-57	5.365 - 5.385	4.494	4.625	7.07
AS3251-58	5.490 - 5.510	4.619	4.750	7.21
AS3251-59	5.615 - 5.635	4.744	4.875	7.37
AS3251-60	5.740 - 5.760	4.869	5.000	7.52
AS3251-61	5.865 - 5.885	4.994	5.125	7.67
AS3251-62	5.990 - 6.010	5.119	5.250	7.82

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