

REV.
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AS9521

FEDERAL SUPPLY CLASS
5306

RATIONALE

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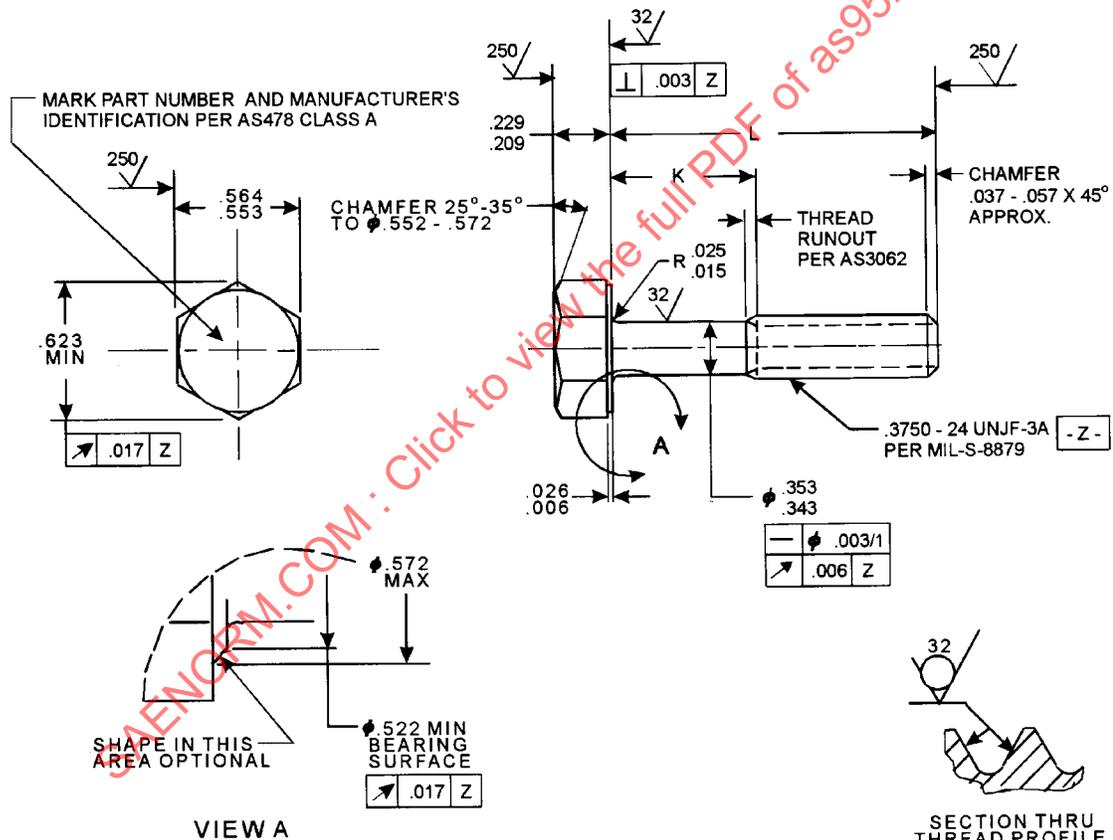
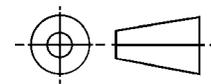


FIGURE 1 - BOLT

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 - STEEL, CADMIUM PLATED,
HEXAGON HEAD, UNS G87400, 125 KSI MIN,
.3750-24 UNJF-3A

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ISSUED 1999-08 REVISED 2001-12 REAFFIRMED 2006-05

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9521-04	.615 - .635	.088 - .108	3.25	MS9521-31	2.865 - 2.885	1.815 - 1.875	9.41
MS9521-05	.678 - .698	.088 - .108	3.52	MS9521-32	2.990 - 3.010	1.940 - 2.000	9.74
MS9521-06	.740 - .760	.088 - .108	3.69	MS9521-33	3.115 - 3.135	2.065 - 2.125	10.08
MS9521-07	.802 - .822	.088 - .108	3.86	MS9521-34	3.240 - 3.260	2.190 - 2.250	10.41
MS9521-08	.865 - .885	.088 - .108	4.03	MS9521-35	3.365 - 3.385	2.315 - 2.375	10.75
MS9521-09	.928 - .948	.088 - .108	4.20	MS9521-36	3.490 - 3.510	2.440 - 2.500	11.09
MS9521-10	.990 - 1.010	.088 - .108	4.37	MS9521-37	3.615 - 3.635	2.565 - 2.625	11.42
MS9521-11	1.052 - 1.072	.088 - .108	4.53	MS9521-38	3.740 - 3.760	2.690 - 2.750	11.76
MS9521-12	1.115 - 1.135	.088 - .125	4.70	MS9521-39	3.865 - 3.885	2.815 - 2.875	12.09
MS9521-13	1.178 - 1.198	.128 - .188	4.87	MS9521-40	3.990 - 4.010	2.940 - 3.000	12.43
MS9521-14	1.240 - 1.260	.190 - .250	5.04	MS9521-41	4.115 - 4.135	3.065 - 3.125	12.77
MS9521-15	1.302 - 1.322	.252 - .312	5.21	MS9521-42	4.240 - 4.260	3.190 - 3.250	13.10
MS9521-16	1.365 - 1.385	.315 - .375	5.37	MS9521-43	4.365 - 3.385	3.315 - 3.375	13.44
MS9521-17	1.428 - 1.448	.378 - .438	5.54	MS9521-44	4.490 - 4.510	3.440 - 3.500	13.77
MS9521-18	1.490 - 1.510	.440 - .500	5.71	MS9521-45	4.615 - 4.635	3.565 - 3.625	14.11
MS9521-19	1.552 - 1.572	.502 - .562	5.88	MS9521-46	4.740 - 4.760	3.690 - 3.750	14.45
MS9521-20	1.615 - 1.635	.565 - .625	6.05	MS9521-47	4.865 - 4.885	3.815 - 3.875	14.78
MS9521-21	1.678 - 1.698	.628 - .688	6.21	MS9521-48	4.990 - 5.010	3.940 - 4.000	15.12
MS9521-22	1.740 - 1.760	.690 - .750	6.38	MS9521-49	5.115 - 5.135	4.065 - 4.125	15.45
MS9521-23	1.865 - 1.885	.815 - .875	6.72	MS9521-50	5.240 - 5.260	4.190 - 4.250	15.79
MS9521-24	1.990 - 2.010	.940 - 1.000	7.05	MS9521-51	5.365 - 5.385	4.315 - 4.375	16.13
MS9521-25	2.115 - 2.135	1.065 - 1.125	7.39	MS9521-52	5.490 - 5.510	4.440 - 4.500	16.46
MS9521-26	2.240 - 2.260	1.190 - 1.250	7.73	MS9521-53	5.615 - 5.635	4.565 - 4.625	16.80
MS9521-27	2.365 - 2.385	1.315 - 1.375	8.06	MS9521-54	5.740 - 5.760	4.690 - 4.750	17.13
MS9521-28	2.490 - 2.510	1.440 - 1.500	8.40	MS9521-55	5.865 - 5.885	4.815 - 4.875	17.47
MS9521-29	2.615 - 2.635	1.565 - 1.625	8.73	MS9521-56	5.990 - 6.010	4.940 - 5.000	17.81
MS9521-30	2.740 - 2.760	1.690 - 1.750	9.07				



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