

REV.
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RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

AS9698

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9698A, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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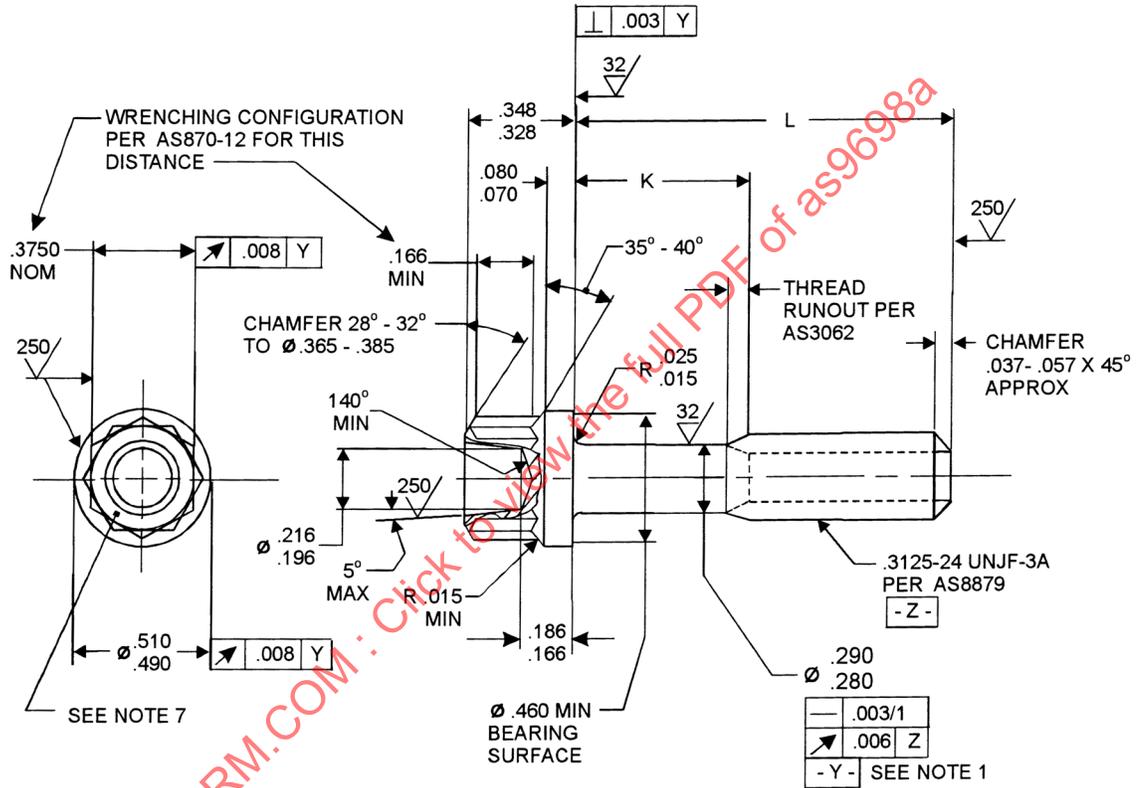
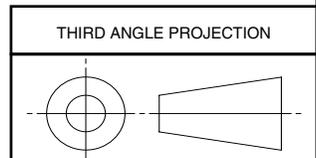


FIGURE 1 - BOLT



CUSTODIAN: SAE E-25

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED
WASHER HEAD, PD SHANK, CORROSION AND HEAT
RESISTANT STEEL, UNS N07001, 165 KSI MIN, .3125-24 UNJF-3A

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SHEET 1 OF 3

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TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	L	K	APPROX. MASS LB/100	PART NUMBER	L	K	APPROX. MASS LB/100
MS9698-04	.490 - .510	.088 - .108	2.17	MS9698-32	2.615 - 2.635	1.690 - 1.750	6.19
MS9698-05	.552 - .572	.088 - .108	2.29	MS9698-33	2.740 - 2.760	1.815 - 1.875	6.42
MS9698-06	.615 - .635	.088 - .108	2.41	MS9698-34	2.865 - 2.885	1.940 - 2.000	6.66
MS9698-07	.678 - .698	.088 - .108	2.52	MS9698-35	2.990 - 3.010	2.065 - 2.125	6.90
MS9698-08	.740 - .760	.088 - .108	2.64	MS9698-36	3.115 - 3.135	2.190 - 2.250	7.13
MS9698-09	.802 - .822	.088 - .108	2.76	MS9698-37	3.240 - 3.260	2.315 - 2.375	7.36
MS9698-10	.865 - .885	.088 - .108	2.88	MS9698-38	3.365 - 3.385	2.440 - 2.500	7.60
MS9698-11	.928 - .948	.088 - .108	3.00	MS9698-39	3.490 - 3.510	2.565 - 2.625	7.84
MS9698-12	.990 - 1.010	.088 - .125	3.11	MS9698-40	3.615 - 3.635	2.690 - 2.750	8.07
MS9698-13	1.052 - 1.072	.128 - .188	3.23	MS9698-41	3.740 - 3.760	2.815 - 2.875	8.31
MS9698-14	1.115 - 1.135	.190 - .250	3.35	MS9698-42	3.865 - 3.885	2.940 - 3.000	8.54
MS9698-15	1.178 - 1.198	.252 - .312	3.47	MS9698-43	3.990 - 4.010	3.065 - 3.125	8.78
MS9698-16	1.240 - 1.260	.315 - .375	3.59	MS9698-44	4.115 - 4.135	3.190 - 3.250	9.02
MS9698-17	1.302 - 1.322	.378 - .438	3.70	MS9698-45	4.240 - 4.260	3.315 - 3.375	9.25
MS9698-18	1.365 - 1.385	.440 - .500	3.82	MS9698-46	4.365 - 4.385	3.440 - 3.500	9.49
MS9698-19	1.428 - 1.448	.502 - .562	3.94	MS9698-47	4.490 - 4.510	3.565 - 3.625	9.72
MS9698-20	1.490 - 1.510	.565 - .625	4.06	MS9698-48	4.615 - 4.635	3.690 - 3.750	9.96
MS9698-21	1.552 - 1.572	.628 - .688	4.18	MS9698-49	4.740 - 4.760	3.815 - 3.875	10.20
MS9698-22	1.615 - 1.635	.690 - .750	4.29	MS9698-50	4.865 - 4.885	3.940 - 4.000	10.43
MS9698-23	1.678 - 1.698	.752 - .812	4.41	MS9698-51	4.990 - 5.010	4.065 - 4.125	10.67
MS9698-24	1.740 - 1.760	.815 - .875	4.53	MS9698-52	5.115 - 5.135	4.190 - 4.250	10.91
MS9698-25	1.802 - 1.822	.877 - .938	4.65	MS9698-53	5.240 - 5.260	4.315 - 4.375	11.14
MS9698-26	1.865 - 1.885	.940 - 1.000	4.77	MS9698-54	5.365 - 5.385	4.440 - 4.500	11.38
MS9698-27	1.990 - 2.010	1.065 - 1.125	5.00	MS9698-55	5.490 - 5.510	4.565 - 4.625	11.61
MS9698-28	2.115 - 2.135	1.190 - 1.250	5.24	MS9698-56	5.615 - 5.635	4.690 - 4.750	11.85
MS9698-29	2.240 - 2.260	1.315 - 1.375	5.48	MS9698-57	5.740 - 5.760	4.815 - 4.875	12.09
MS9698-30	2.365 - 2.385	1.440 - 1.500	5.71	MS9698-58	5.865 - 5.885	4.940 - 5.000	12.32
MS9698-31	2.490 - 2.510	1.565 - 1.625	5.95	MS9698-59	5.990 - 6.010	5.065 - 5.125	12.56