

REV. A	FEDERAL SUPPLY CLASS 5306	
	AS9441	
RATIONALE DOCUMENT UPDATED TO SPECIFY CURRENT STANDARDS AND APPLY SYMBOLS FOR SPECIFYING GEOMETRIC POSITION AND FORM CONTROLS. THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9441, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT. ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT. WARNING THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON THE ENVIRONMENTAL AND HEALTH REGULATIONS REGARDING ITS USE.		
		THIRD ANGLE PROJECTION
CUSTODIAN: SAE E-25		PROCUREMENT SPECIFICATION: AS7455
	AEROSPACE STANDARD (R) BOLT, MACHINE - HEXAGON, DRILLED, 6 HOLES, PD SHANK, NICKEL CADMIUM PLATED, STEEL UNS K14675, 195 KSI MIN, .2500-28 UNJF-3A	AS9441 SHEET 1 OF 4
		REV. A

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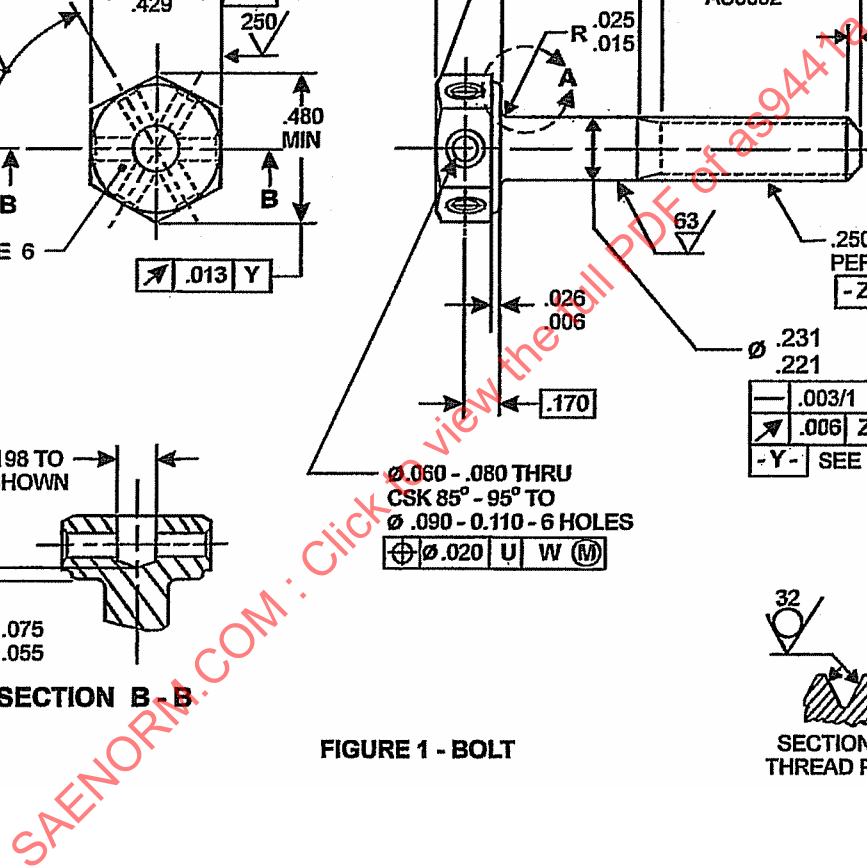


FIGURE 1 - BOLT

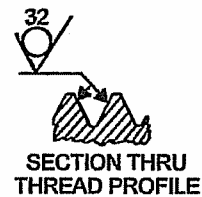


TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX. MASS LB/100	PART NUMBER	L	K	APPROX. MASS LB/100
MS9441-04	.365 - .385	.079 - .099	1.37	MS9441-34	2.740 - 2.760	1.940 - 2.000	4.09
MS9441-05	.428 - .448	.079 - .099	1.44	MS9441-35	2.865 - 2.885	2.065 - 2.125	4.23
MS9441-06	.490 - .510	.079 - .099	1.51	MS9441-36	2.990 - 3.010	2.190 - 2.250	4.38
MS9441-07	.552 - .572	.079 - .099	1.58	MS9441-37	3.115 - 3.135	2.315 - 2.375	4.52
MS9441-08	.615 - .635	.079 - .099	1.65	MS9441-38	3.240 - 3.260	2.440 - 2.500	4.66
MS9441-09	.678 - .698	.079 - .099	1.72	MS9441-39	3.365 - 3.385	2.565 - 2.625	4.81
MS9441-10	.740 - .760	.079 - .099	1.80	MS9441-40	3.490 - 3.510	2.690 - 2.750	4.95
MS9441-11	.802 - .822	.079 - .099	1.87	MS9441-41	3.615 - 3.635	2.815 - 2.875	5.09
MS9441-12	.865 - .885	.079 - .125	1.94	MS9441-42	3.740 - 3.760	2.940 - 3.000	5.24
MS9441-13	.928 - .948	.128 - .188	2.01	MS9441-43	3.865 - 3.885	3.065 - 3.125	5.38
MS9441-14	.990 - 1.010	.190 - .250	2.08	MS9441-44	3.990 - 4.010	3.190 - 3.250	5.52
MS9441-15	1.052 - 1.072	.252 - .312	2.15	MS9441-45	4.115 - 4.135	3.315 - 3.375	5.67
MS9441-16	1.115 - 1.135	.315 - .375	2.23	MS9441-46	4.240 - 4.260	3.440 - 3.500	5.81
MS9441-17	1.178 - 1.198	.378 - .438	2.30	MS9441-47	4.365 - 4.385	3.565 - 3.625	5.95
MS9441-18	1.240 - 1.260	.440 - .500	2.37	MS9441-48	4.490 - 4.510	3.690 - 3.750	6.10
MS9441-19	1.302 - 1.322	.502 - .562	2.44	MS9441-49	4.615 - 4.635	3.815 - 3.875	6.24
MS9441-20	1.365 - 1.385	.565 - .625	2.51	MS9441-50	4.740 - 4.760	3.940 - 4.000	6.38
MS9441-21	1.428 - 1.448	.628 - .688	2.58	MS9441-51	4.865 - 4.885	4.065 - 4.125	6.53
MS9441-22	1.490 - 1.510	.690 - .750	2.66	MS9441-52	4.990 - 5.010	4.190 - 4.250	6.67
MS9441-23	1.552 - 1.572	.752 - .812	2.73	MS9441-53	5.115 - 5.135	4.315 - 4.375	6.82
MS9441-24	1.615 - 1.635	.815 - .875	2.80	MS9441-54	5.240 - 5.260	4.440 - 4.500	6.96
MS9441-25	1.678 - 1.698	.878 - .938	2.87	MS9441-55	5.365 - 5.385	4.565 - 4.625	7.10
MS9441-26	1.740 - 1.760	.940 - 1.000	2.94	MS9441-56	5.490 - 5.510	4.690 - 4.750	7.25
MS9441-27	1.865 - 1.885	1.065 - 1.125	3.09	MS9441-57	5.615 - 5.635	4.815 - 4.875	7.39
MS9441-28	1.990 - 2.010	1.190 - 1.250	3.23	MS9441-58	5.740 - 5.760	4.940 - 5.000	7.53
MS9441-29	2.115 - 2.135	1.315 - 1.375	3.37	MS9441-59	5.865 - 5.885	5.065 - 5.125	7.68
MS9441-30	2.240 - 2.260	1.440 - 1.500	3.52	MS9441-60	5.990 - 6.010	5.190 - 5.250	7.82
MS9441-31	2.365 - 2.385	1.565 - 1.625	3.66				
MS9441-32	2.490 - 2.510	1.690 - 1.750	3.80				
MS9441-33	2.615 - 2.635	1.815 - 1.875	3.95				