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REV. A

AS9742

FEDERAL SUPPLY CLASS
5306

RATIONALE

AS9742A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9742A, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AS7474	
	AEROSPACE STANDARD		AS9742 SHEET 1 OF 4
	(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, CRES UNS S17400, 140 KSI MIN .2500-28 UNJF-3A		

ISSUED 1998-08 REVISED 2005-08 REAFFIRMED 2013-10

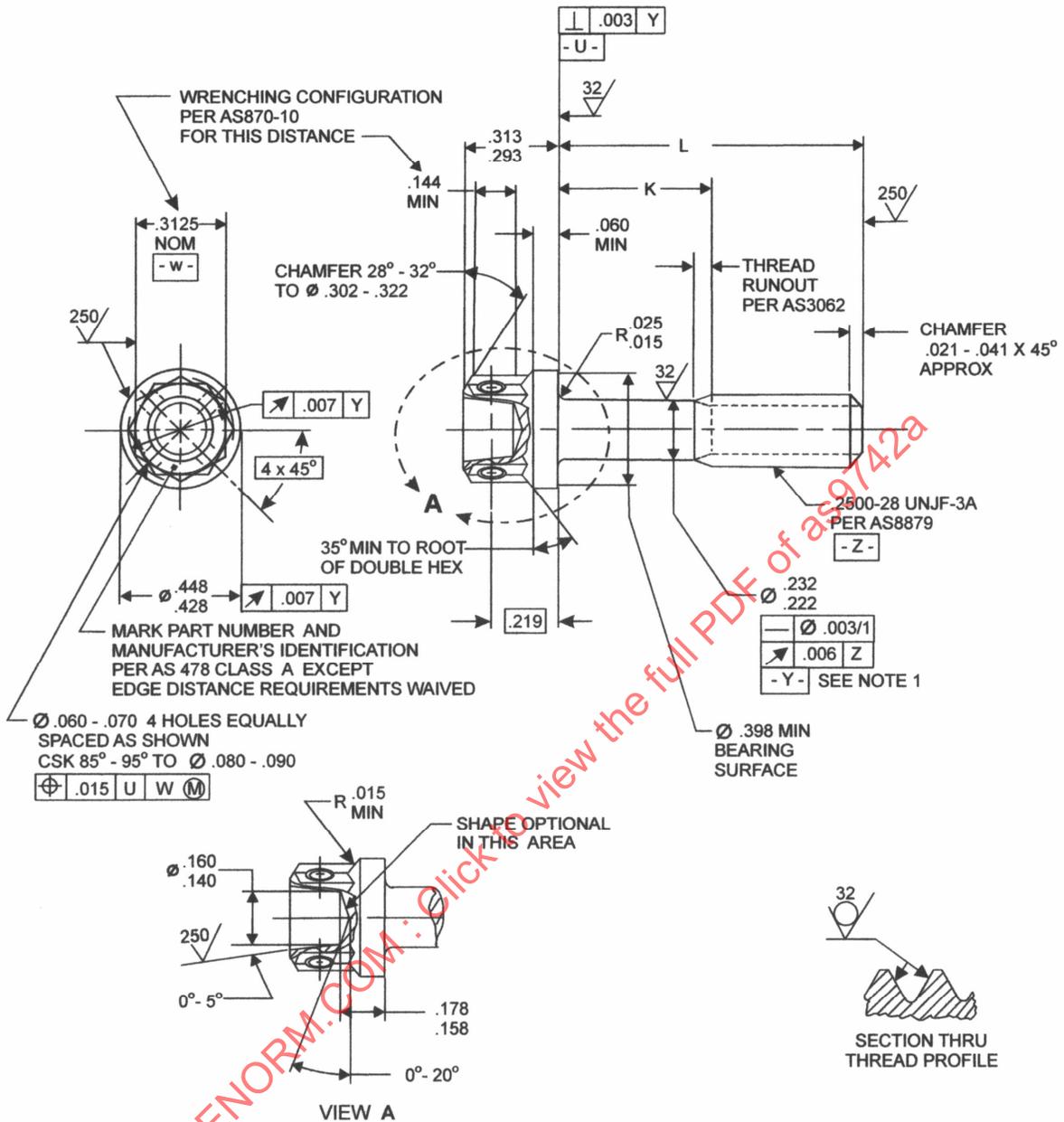


FIGURE 1 - BOLT

	AEROSPACE STANDARD	AS9742 SHEET 2 OF 4	REV. A
	(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, CRES UNS S17400, 140 KSI MIN .2500-28 UNJF-3A		

TABLE 1 - PART NUMBERS AND DIMENSIONS.

PART NUMBER	L	K	APPROX. MASS LB/100	PART NUMBER	L	K	APPROX. MASS LB/100
MS9742-04	.365 - .385	.079 - .099	1.25	MS9742-34	2.615 - 2.635	1.815 - 1.875	3.80
MS9742-05	.428 - .448	.079 - .099	1.32	MS9742-35	2.740 - 2.760	1.940 - 2.000	3.94
MS9742-06	.490 - .510	.079 - .099	1.39	MS9742-36	2.865 - 2.885	2.065 - 2.125	4.08
MS9742-07	.552 - .572	.079 - .099	1.47	MS9742-37	2.990 - 3.010	2.190 - 2.250	4.23
MS9742-08	.615 - .635	.079 - .099	1.54	MS9742-38	3.115 - 3.135	2.315 - 2.375	4.37
MS9742-09	.678 - .698	.079 - .099	1.61	MS9742-39	3.240 - 3.260	2.440 - 2.500	4.51
MS9742-10	.740 - .760	.079 - .099	1.68	MS9742-40	3.365 - 3.385	2.565 - 2.625	4.65
MS9742-11	.802 - .822	.079 - .099	1.75	MS9742-41	3.490 - 3.510	2.690 - 2.750	4.79
MS9742-12	.865 - .885	.079 - .125	1.82	MS9742-42	3.615 - 3.635	2.815 - 2.875	4.93
MS9742-13	.928 - .948	.128 - .188	1.89	MS9742-43	3.740 - 3.760	2.940 - 3.000	5.08
MS9742-14	.990 - 1.010	.190 - .250	1.96	MS9742-44	3.865 - 3.885	3.065 - 3.125	5.22
MS9742-15	1.052 - 1.072	.252 - .312	2.03	MS9742-45	3.990 - 4.010	3.190 - 3.250	5.36
MS9742-16	1.115 - 1.135	.315 - .375	2.10	MS9742-46	4.115 - 4.135	3.315 - 3.375	5.50
MS9742-17	1.178 - 1.198	.378 - .438	2.17	MS9742-47	4.240 - 4.260	3.440 - 3.500	5.64
MS9742-18	1.240 - 1.260	.440 - .500	2.24	MS9742-48	4.365 - 4.385	3.565 - 3.625	5.78
MS9742-19	1.302 - 1.322	.502 - .562	2.31	MS9742-49	4.490 - 4.510	3.690 - 3.750	5.93
MS9742-20	1.365 - 1.385	.565 - .625	2.39	MS9742-50	4.615 - 4.635	3.815 - 3.875	6.07
MS9742-21	1.428 - 1.448	.628 - .688	2.46	MS9742-51	4.740 - 4.760	3.940 - 4.000	6.21
MS9742-22	1.490 - 1.510	.690 - .750	2.53	MS9742-52	4.865 - 4.885	4.065 - 4.125	6.35
MS9742-23	1.552 - 1.572	.752 - .812	2.60	MS9742-53	4.990 - 5.010	4.190 - 4.250	6.49
MS9742-24	1.615 - 1.635	.815 - .875	2.67	MS9742-54	5.115 - 5.135	4.315 - 4.375	6.63
MS9742-25	1.678 - 1.698	.878 - .938	2.74	MS9742-55	5.240 - 5.260	4.440 - 4.500	6.78
MS9742-26	1.740 - 1.760	.940 - 1.000	2.81	MS9742-56	5.365 - 5.385	4.565 - 4.625	6.92
MS9742-27	1.802 - 1.822	1.002 - 1.062	2.88	MS9742-57	5.490 - 5.510	4.690 - 4.750	7.06
MS9742-28	1.865 - 1.885	1.065 - 1.125	2.95	MS9742-58	5.615 - 5.635	4.815 - 4.875	7.20
MS9742-29	1.990 - 2.010	1.190 - 1.250	3.09	MS9742-59	5.740 - 5.760	4.940 - 5.000	7.34
MS9742-30	2.115 - 2.135	1.315 - 1.375	3.24	MS9742-60	5.865 - 5.885	5.065 - 5.125	7.48
MS9742-31	2.240 - 2.260	1.440 - 1.500	3.38	MS9742-61	5.990 - 6.010	5.190 - 5.250	7.62
MS9742-32	2.365 - 2.385	1.565 - 1.625	3.52				
MS9742-33	2.490 - 2.510	1.690 - 1.750	3.66				

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