

REV. A

AS9501

FEDERAL SUPPLY CLASS 5306

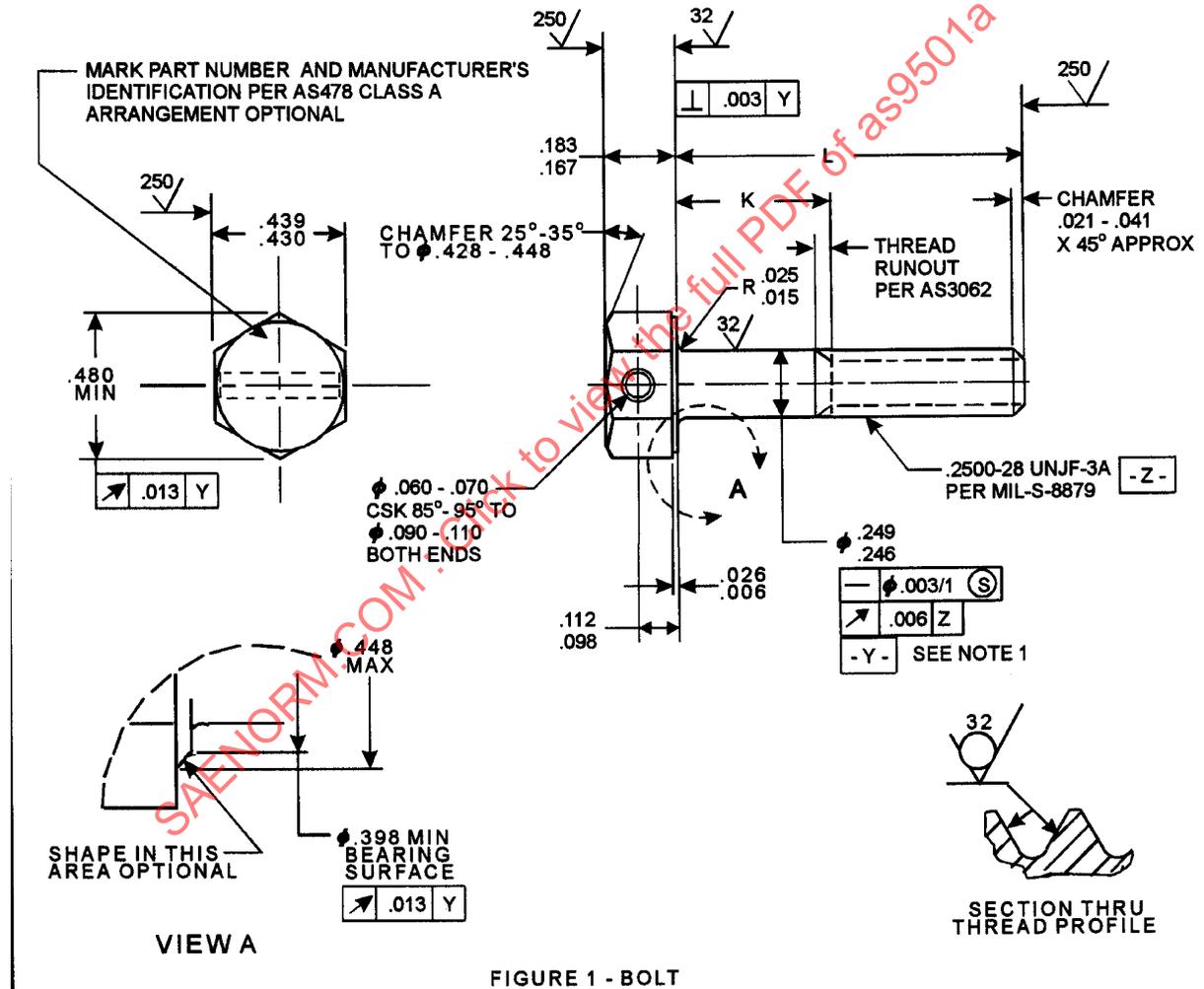
RATIONALE

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

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9501A, AMENDMENT 1, 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.

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

SAE Aerospace
An SAE International Group

(R) AEROSPACE STANDARD
BOLT, MACHINE - HEXAGON HEAD,
DRILLED, 1 HOLE, FULL SHANK,
CRES, UNS S66286, 130 KSI MIN,
.2500-28 UNJF-3A

AS9501
SHEET 1 OF 3

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ISSUED 1998-08 REVISED 2003-04 REAFFIRMED 2007-06

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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
MS9501-02	1.802 - 1.822	1.002 - 1.062	3.27	MS9501-32	2.490 - 2.510	1.690 - 1.750	4.22
MS9501-03	1.928 - 1.948	1.128 - 1.188	3.44	MS9501-33	2.615 - 2.635	1.815 - 1.875	4.39
MS9501-04	.365 - .385	.079 - .099	1.30	MS9501-34	2.740 - 2.760	1.940 - 2.000	4.56
MS9501-05	.428 - .448	.079 - .099	1.38	MS9501-35	2.865 - 2.885	2.065 - 2.125	4.74
MS9501-06	.490 - .510	.079 - .099	1.47	MS9501-36	2.990 - 3.010	2.190 - 2.250	4.91
MS9501-07	.552 - .572	.079 - .099	1.55	MS9501-37	3.115 - 3.135	2.315 - 2.375	5.08
MS9501-08	.615 - .635	.079 - .099	1.64	MS9501-38	3.240 - 3.260	2.440 - 2.500	5.25
MS9501-09	.678 - .698	.079 - .099	1.73	MS9501-39	3.365 - 3.385	2.565 - 2.625	5.42
MS9501-10	.740 - .760	.079 - .099	1.81	MS9501-40	3.490 - 3.510	2.690 - 2.750	5.60
MS9501-11	.802 - .822	.079 - .099	1.90	MS9501-41	3.615 - 3.635	2.815 - 2.875	5.77
MS9501-12	.865 - .885	.079 - .125	1.98	MS9501-42	3.740 - 3.760	2.940 - 3.000	5.94
MS9501-13	.928 - .948	.128 - .188	2.07	MS9501-43	3.865 - 3.885	3.065 - 3.125	6.11
MS9501-14	.990 - 1.010	.190 - .250	2.16	MS9501-44	3.990 - 4.010	3.190 - 3.250	6.28
MS9501-15	1.052 - 1.072	.252 - .312	2.24	MS9501-45	4.115 - 4.135	3.315 - 3.375	6.46
MS9501-16	1.115 - 1.135	.315 - .375	2.33	MS9501-46	4.240 - 4.260	3.440 - 3.500	6.63
MS9501-17	1.178 - 1.198	.378 - .438	2.41	MS9501-47	4.365 - 4.385	3.565 - 3.625	6.80
MS9501-18	1.240 - 1.260	.440 - .500	2.50	MS9501-48	4.490 - 4.510	3.690 - 3.750	6.97
MS9501-19	1.302 - 1.322	.502 - .562	2.58	MS9501-49	4.615 - 4.635	3.815 - 3.875	7.14
MS9501-20	1.365 - 1.385	.565 - .625	2.67	MS9501-50	4.740 - 4.760	3.940 - 4.000	7.32
MS9501-21	1.428 - 1.448	.628 - .688	2.76	MS9501-51	4.865 - 4.885	4.065 - 4.125	7.49
MS9501-22	1.490 - 1.510	.690 - .750	2.84	MS9501-52	4.990 - 5.010	4.190 - 4.250	7.66
MS9501-23	1.552 - 1.572	.752 - .812	2.93	MS9501-53	5.115 - 5.135	4.315 - 4.375	7.83
MS9501-24	1.615 - 1.635	.815 - .875	3.02	MS9501-54	5.240 - 5.260	4.440 - 4.500	8.00
MS9501-25	1.678 - 1.698	.878 - .938	3.10	MS9501-55	5.365 - 5.385	4.565 - 4.625	8.18
MS9501-26	1.740 - 1.760	.940 - 1.000	3.19	MS9501-56	5.490 - 5.510	4.690 - 4.750	8.25
MS9501-27	1.865 - 1.885	1.065 - 1.125	3.36	MS9501-57	5.615 - 5.635	4.815 - 4.875	8.52
MS9501-28	1.990 - 2.010	1.190 - 1.250	3.53	MS9501-58	5.740 - 5.760	4.940 - 5.000	8.66
MS9501-29	2.115 - 2.135	1.315 - 1.375	3.70	MS9501-59	5.865 - 5.885	5.065 - 5.125	8.83
MS9501-30	2.240 - 2.260	1.440 - 1.500	3.87	MS9501-60	5.990 - 6.010	5.190 - 5.250	9.00
MS9501-31	2.365 - 2.385	1.565 - 1.625	4.05				

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