

REV. A

AS9519

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 MS9519A. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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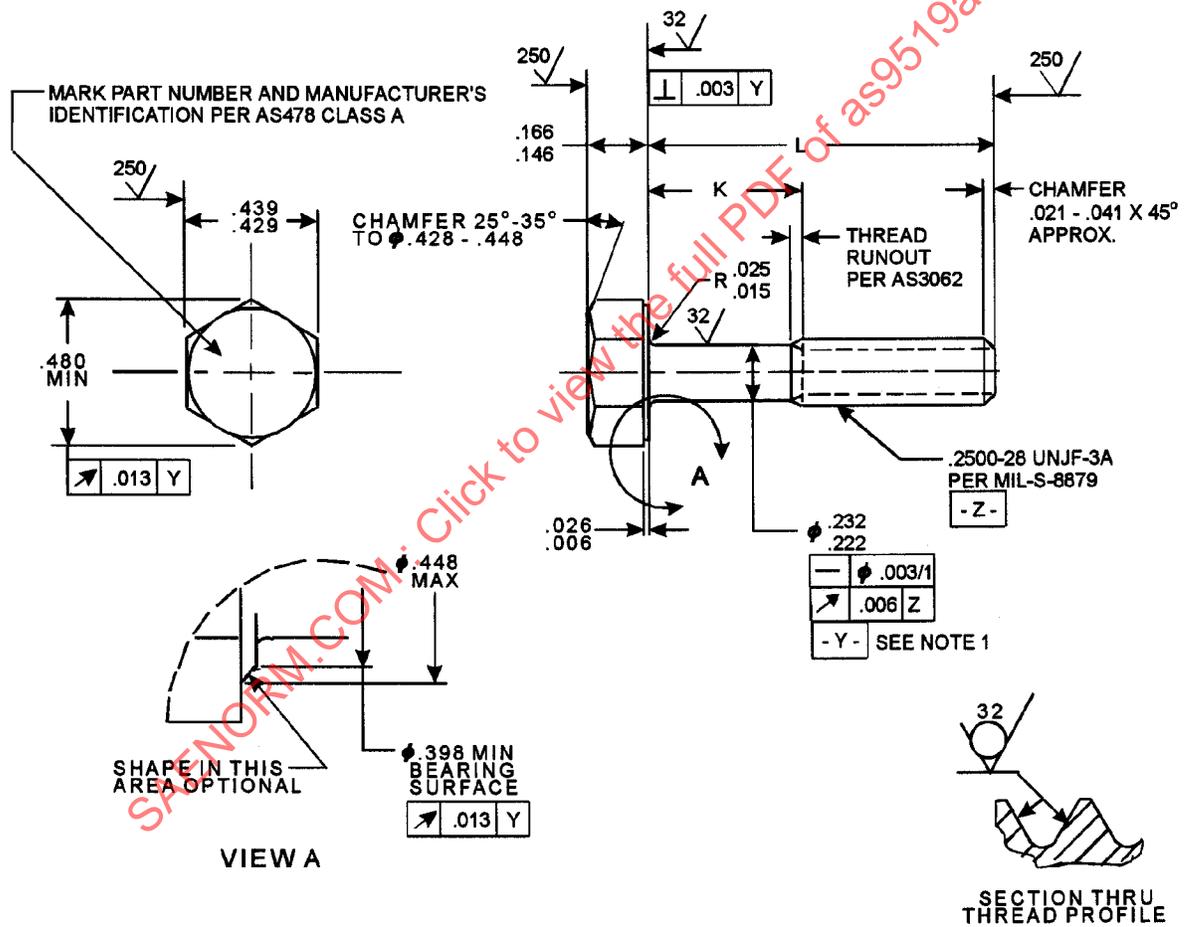


FIGURE 1 - BOLT

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

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD
(R) BOLT, MACHINE - HEXAGON HEAD, STEEL, CADMIUM PLATED, UNS G87400, 125 KSI MIN, .2500-28 UNJF-3A

AS9519
SHEET 1 OF 3

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ISSUED 1999-04 REVISED 2003-06 REAFFIRMED 2007-06

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100	PART NO.	L	K	APPROX. MASS LB/100
MS9519-04	.365 - .385	.079 - .099	1.16	MS9519-34	2.740 - 2.760	1.940 - 2.000	3.88
MS9519-05	.428 - .448	.079 - .099	1.23	MS9519-35	2.865 - 2.885	2.065 - 2.125	4.02
MS9519-06	.490 - .510	.079 - .099	1.30	MS9519-36	2.990 - 3.010	2.190 - 2.250	4.16
MS9519-07	.552 - .572	.079 - .099	1.37	MS9519-37	3.115 - 3.135	2.315 - 2.375	4.31
MS9519-08	.615 - .635	.079 - .099	1.44	MS9519-38	3.240 - 3.260	2.440 - 2.500	4.45
MS9519-09	.678 - .698	.079 - .099	1.51	MS9519-39	3.365 - 3.385	2.565 - 2.625	4.60
MS9519-10	.740 - .760	.079 - .099	1.58	MS9519-40	3.490 - 3.510	2.690 - 2.750	4.74
MS9519-11	.802 - .822	.079 - .099	1.66	MS9519-41	3.615 - 3.635	2.815 - 2.875	4.88
MS9519-12	.865 - .885	.125 - .145	1.73	MS9519-42	3.740 - 3.760	2.940 - 3.000	5.03
MS9519-13	.928 - .948	.128 - .188	1.80	MS9519-43	3.865 - 3.885	3.065 - 3.125	5.17
MS9519-14	.990 - 1.010	.190 - .250	1.87	MS9519-44	3.990 - 4.010	3.190 - 3.250	5.31
MS9519-15	1.052 - 1.072	.252 - .312	1.94	MS9519-45	4.115 - 4.135	3.315 - 3.375	5.46
MS9519-16	1.115 - 1.135	.315 - .375	2.01	MS9519-46	4.240 - 4.260	3.440 - 3.500	5.60
MS9519-17	1.178 - 1.198	.378 - .438	2.09	MS9519-47	4.365 - 4.385	3.565 - 3.625	5.74
MS9519-18	1.240 - 1.260	.440 - .500	2.16	MS9519-48	4.490 - 4.510	3.690 - 3.750	5.89
MS9519-19	1.302 - 1.322	.502 - .562	2.23	MS9519-49	4.615 - 4.635	3.815 - 3.875	6.03
MS9519-20	1.365 - 1.385	.565 - .625	2.30	MS9519-50	4.740 - 4.760	3.940 - 4.000	6.17
MS9519-21	1.428 - 1.448	.628 - .688	2.37	MS9519-51	4.865 - 4.885	4.065 - 4.125	6.32
MS9519-22	1.490 - 1.510	.690 - .750	2.44	MS9519-52	4.990 - 5.010	4.190 - 4.250	6.46
MS9519-23	1.552 - 1.572	.752 - .812	2.52	MS9519-53	5.115 - 5.135	4.315 - 4.375	6.60
MS9519-24	1.615 - 1.635	.815 - .875	2.59	MS9519-54	5.240 - 5.260	4.440 - 4.500	6.75
MS9519-25	1.678 - 1.698	.878 - .938	2.66	MS9519-55	5.365 - 5.385	4.565 - 4.625	6.89
MS9519-26	1.740 - 1.760	.940 - 1.000	2.73	MS9519-56	5.490 - 5.510	4.690 - 4.750	7.03
MS9519-27	1.865 - 1.885	1.065 - 1.125	2.87	MS9519-57	5.615 - 5.635	4.815 - 4.875	7.18
MS9519-28	1.990 - 2.010	1.190 - 1.250	3.02	MS9519-58	5.740 - 5.760	4.940 - 5.000	7.32
MS9519-29	2.115 - 2.135	1.315 - 1.375	3.16	MS9519-59	5.865 - 5.885	5.065 - 5.125	7.46
MS9519-30	2.240 - 2.260	1.440 - 1.500	3.30	MS9519-60	5.990 - 6.010	5.190 - 5.250	7.61
MS9519-31	2.365 - 2.385	1.565 - 1.625	3.45				
MS9519-32	2.490 - 2.510	1.690 - 1.750	3.59				
MS9519-33	2.615 - 2.635	1.815 - 1.875	3.73				