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 MS9587B, AMENDMENT 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.

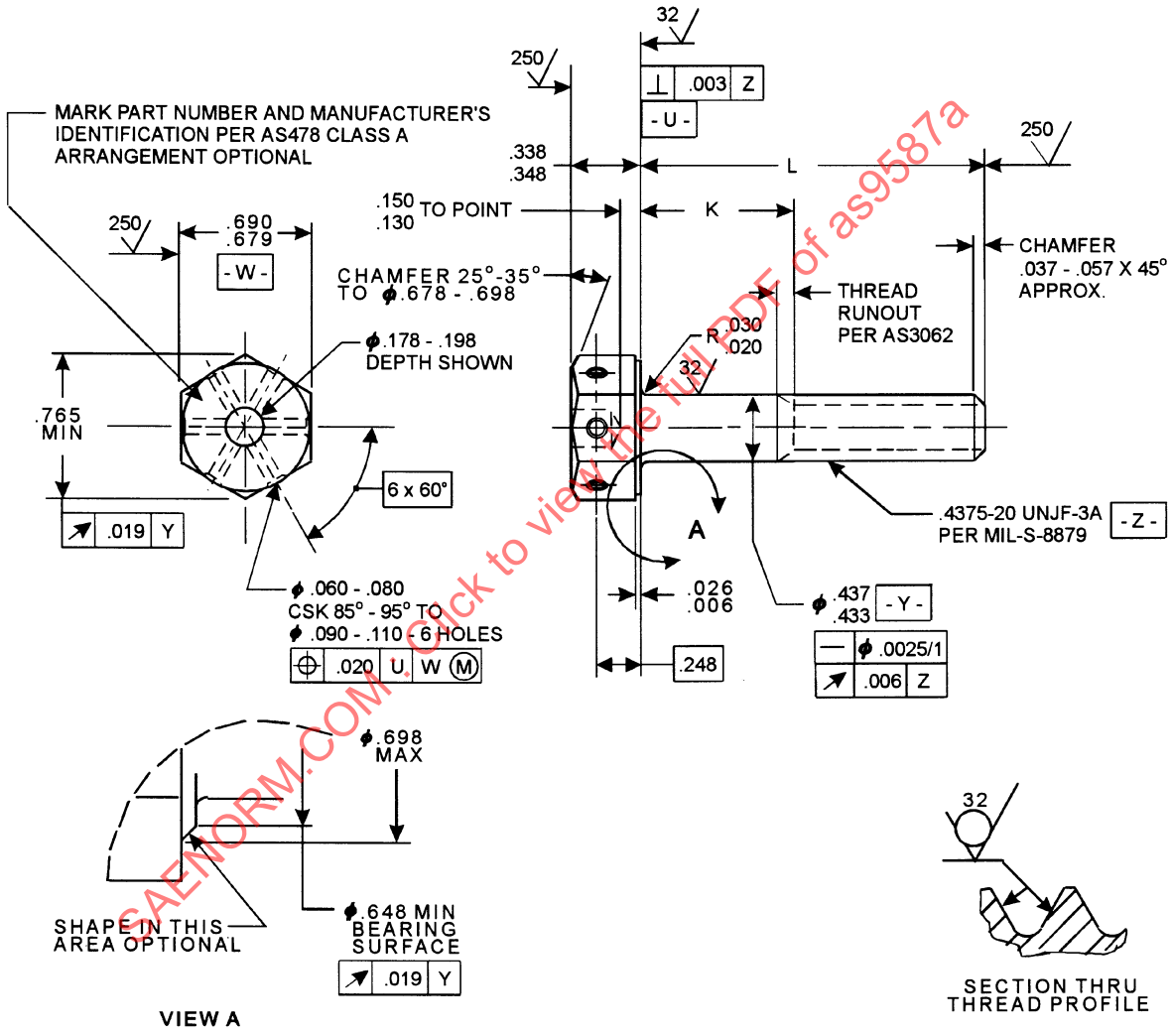
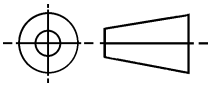


FIGURE 1 - BOLT

THIRD ANGLE PROJECTION



ISSUED 1999-12 REVISED 2002-03 REAFFIRMED 2007-06

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, DRILLED, 6 HOLES, FULL SHANK, UNS S66286, 130 KSI MIN, .4375-20 UNJF-3A

AS9587 SHEET 1 OF 3

REV. A

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	K	APPROX. MASS LB/100
MS9587-04	.678 - .698	.105 - .125	6.42
MS9587-05	.740 - .760	.105 - .125	6.68
MS9587-06	.802 - .822	.105 - .125	6.95
MS9587-07	.865 - .885	.105 - .125	7.22
MS9587-08	.928 - .948	.105 - .125	7.48
MS9587-09	.990 - 1.010	.105 - .125	7.75
MS9587-10	1.052 - 1.072	.105 - .125	8.01
MS9587-11	1.115 - 1.135	.105 - .125	8.28
MS9587-12	1.178 - 1.198	.105 - .125	8.65
MS9587-13	1.240 - 1.260	.125 - .145	8.81
MS9587-14	1.302 - 1.322	.128 - .188	9.07
MS9587-15	1.365 - 1.385	.190 - .250	9.34
MS9587-16	1.428 - 1.448	.252 - .312	9.61
MS9587-17	1.490 - 1.510	.315 - .375	9.87
MS9587-18	1.552 - 1.572	.378 - .438	10.13
MS9587-19	1.615 - 1.635	.440 - .500	10.40
MS9587-20	1.678 - 1.698	.502 - .562	10.67
MS9587-21	1.740 - 1.760	.565 - .625	10.93
MS9587-22	1.865 - 1.885	.690 - .750	11.47
MS9587-23	1.990 - 2.010	.815 - .875	12.00
MS9587-24	2.115 - 2.135	.940 - 1.000	12.53
MS9587-25	2.240 - 2.260	1.065 - 1.125	13.07
MS9587-26	2.365 - 2.385	1.190 - 1.250	13.59
MS9587-27	2.490 - 2.510	1.315 - 1.375	14.12
MS9587-28	2.615 - 2.635	1.440 - 1.500	14.65
MS9587-29	2.740 - 2.760	1.565 - 1.625	15.18
MS9587-30	2.865 - 2.885	1.690 - 1.750	15.72

PART NO.	L	K	APPROX. MASS LB/100
MS9587-31	2.990 - 3.010	1.815 - 1.875	16.25
MS9587-32	3.115 - 3.135	1.940 - 2.000	16.78
MS9587-33	3.240 - 3.260	2.065 - 2.125	17.31
MS9587-34	3.365 - 3.385	2.190 - 2.250	17.84
MS9587-35	3.490 - 3.510	2.315 - 2.375	18.37
MS9587-36	3.615 - 3.635	2.440 - 2.500	18.80
MS9587-37	3.740 - 3.760	2.565 - 2.625	19.43
MS9587-38	3.865 - 3.885	2.690 - 2.750	19.97
MS9587-39	3.990 - 4.010	2.815 - 2.875	20.50
MS9587-40	4.115 - 4.135	2.940 - 3.000	21.03
MS9587-41	4.240 - 4.260	3.065 - 3.125	21.57
MS9587-42	4.365 - 4.385	3.190 - 3.250	22.09
MS9587-43	4.490 - 4.510	3.315 - 3.375	22.62
MS9587-44	4.615 - 4.635	3.440 - 3.500	23.15
MS9587-45	4.740 - 4.760	3.565 - 3.625	23.68
MS9587-46	4.865 - 4.885	3.690 - 3.750	24.22
MS9587-47	4.990 - 5.010	3.815 - 3.875	24.74
MS9587-48	5.115 - 5.135	3.940 - 4.000	25.28
MS9587-49	5.240 - 5.260	4.065 - 4.125	25.81
MS9587-50	5.365 - 5.385	4.190 - 4.250	26.34
MS9587-51	5.490 - 5.510	4.315 - 4.375	26.87
MS9587-52	5.615 - 5.635	4.440 - 4.500	27.40
MS9587-53	5.740 - 5.760	4.565 - 4.625	28.13
MS9587-54	5.865 - 5.885	4.690 - 4.750	28.47
MS9587-55	5.990 - 6.010	4.815 - 4.875	28.90
MS9587-56	1.802 - 1.822	.628 - .688	11.20
MS9587-57	1.928 - 1.948	.752 - .812	11.73