FEDERAL SUPPLY CLASS
5306

RATIONALE

CORRECT TYPOGRAPHICAL ERROR IN HEAD HEIGHT DIMENSION, FIGURE 1 REDRAWN TO SHOW FULL SHANK PART AND UPDATE TO ASME Y14.5-2018, REVISE LEAD THREAD CHAMFER TO AS1132, REVISE ACROSS FLATS DIMENSION TO AS1132, REVISE HEAD TO SHANK FILLET RADIUS TO CR, ADD EDGE DISTANCE EXCEPTION FOR HEAD MARKING, GENERAL EDITORIAL UPDATES.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9587B, AMENDMENT 1. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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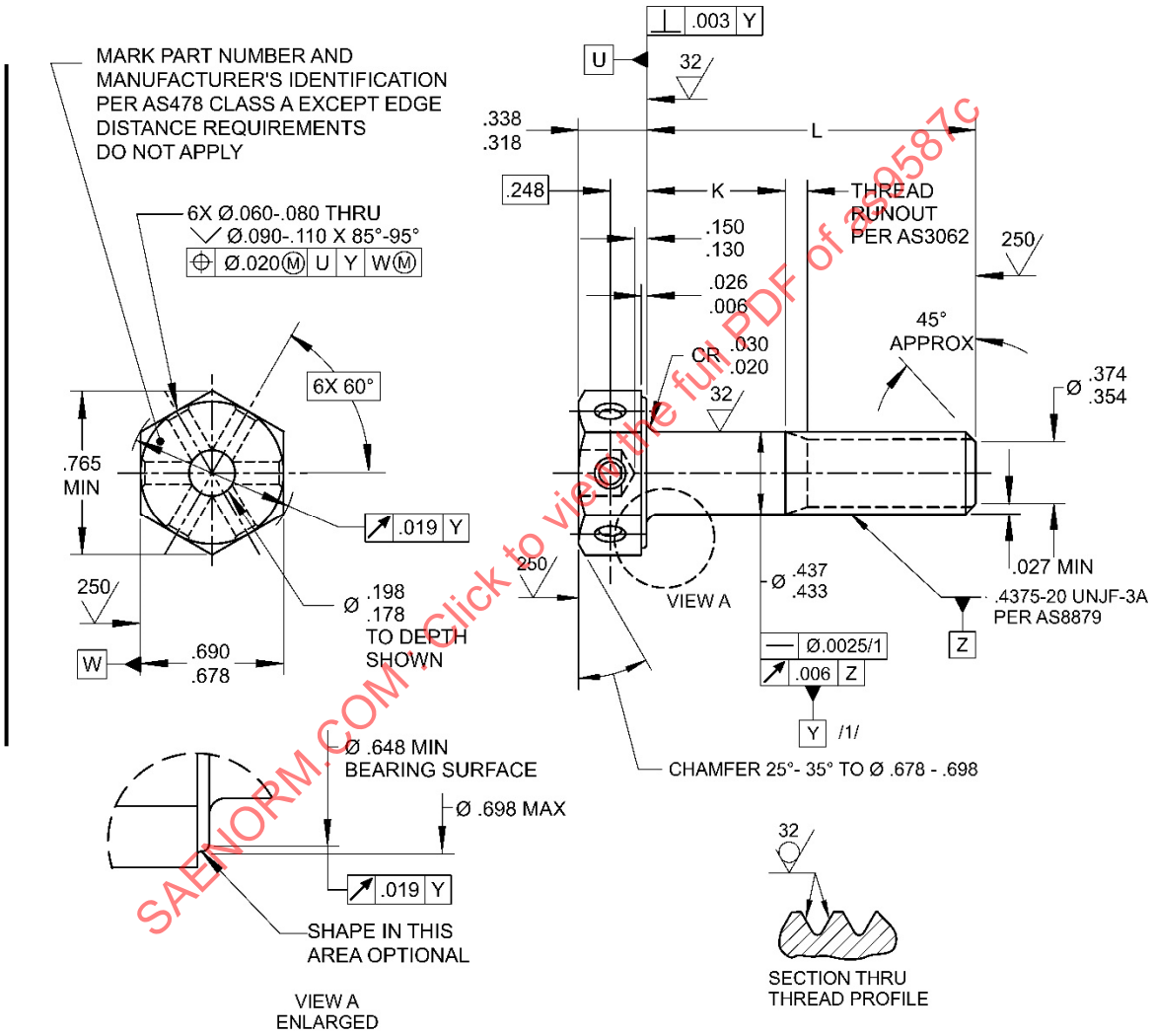

FIGURE 1 - BOLT

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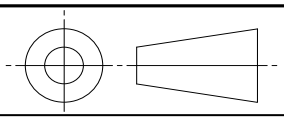
THIRD ANGLE PROJECTION



ISSUED 1999-12 REAFFIRMED 2007-06 REVISED 2022-03

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477

AEROSPACE STANDARD

BOLT, MACHINE – HEXAGON HEAD, DRILLED, 6 HOLES, FULL SHANK, UNS S66286, 130 KSI MIN, .4375-20 UNJF-3A

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	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
MS9587-56	1.802-1.822	.628- .688	11.20
MS9587-22	1.865-1.885	.690- .750	11.47
MS9587-57	1.928-1.948	.752- .812	11.73
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
MS9587-31	2.990-3.010	1.815-1.875	16.25

PART NUMBER	L	K	APPROX MASS LB/100
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	3.085-3.125	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	5.490-5.010	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

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