

REV.
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SAE AS9577

FEDERAL SUPPLY CLASS
5306

RATIONALE

THE DOCUMENT HAS BEEN COMPLETELY REVISED AND REDRAWN. CHANGES TO ALLOW OPTIONAL SHAPE AT THE BOTTOM OF THE LIGHTENING HOLE, ADD EXCEPTION TO EDGE DISTANCE REQUIREMENTS FOR HEAD MARKING, ADD DIMENSION AND TOLERANCING PER ANSI Y14.5M, ADD AS8879 THREAD REQUIREMENT AND UPDATE FORMAT AND TABLE AND NOTES.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9577B, AMENDMENT 1. THIS SAE STANDARD MAY RETAIN 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 QPLS HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

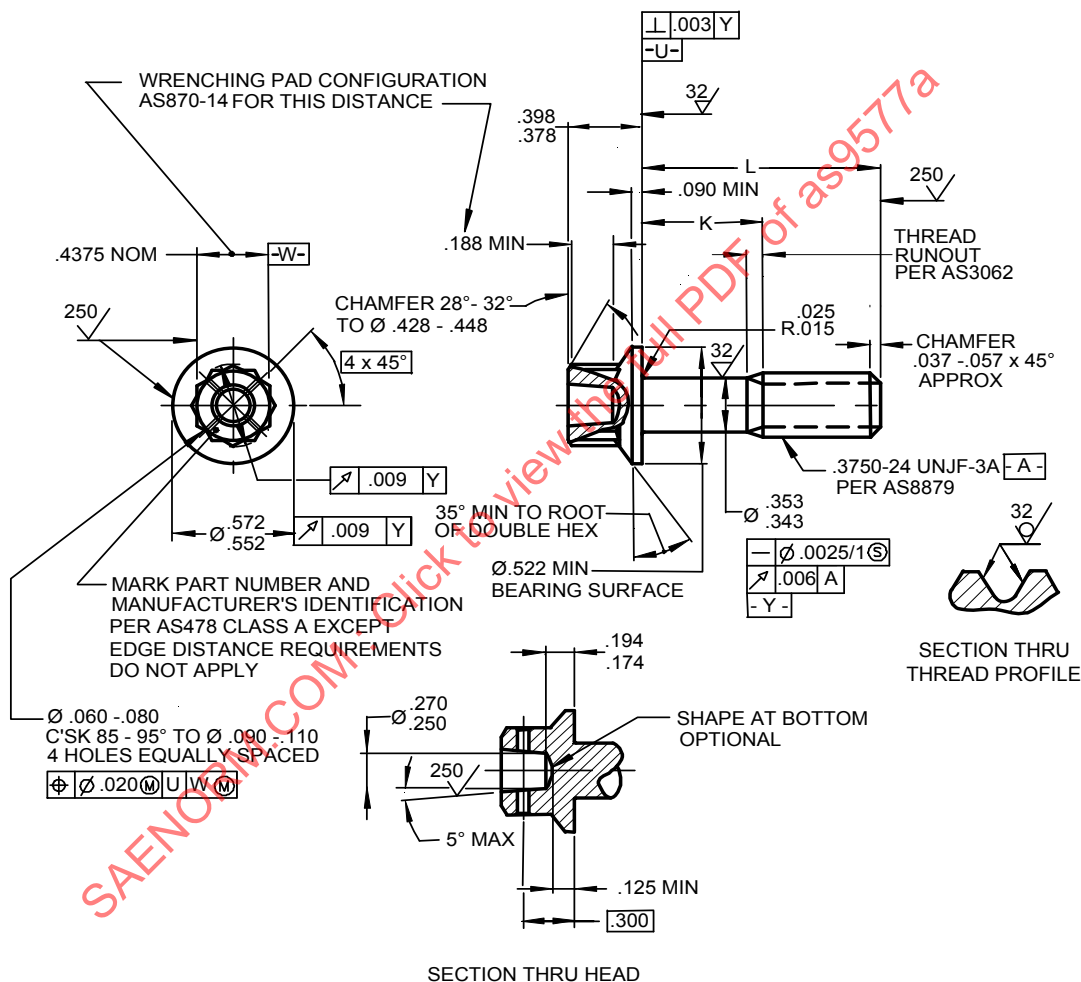
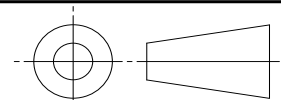


FIGURE 1 - BOLT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9577A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477

SAE Aerospace
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AEROSPACE STANDARD

(R) BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, UNS S66286, SILVER PLATED, .375-24 UNJF-3A

SAE AS9577
SHEET 1 OF 3

REV.
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ISSUED 2000-08 REAFFIRMED 2004-07 REVISED 2013-01

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9577-03	.552 - .572	.088 - .108	3.36	MS9577-29	2.615 - 2.635	1.565 - 1.625	8.78
MS9577-04	.615 - .635	.088 - .108	3.42	MS9577-30	2.740 - 2.760	1.690 - 1.750	9.12
MS9577-05	.678 - .698	.088 - .108	3.58	MS9577-31	2.865 - 2.885	1.815 - 1.875	9.46
MS9577-06	.740 - .760	.088 - .108	3.74	MS9577-32	2.990 - 3.010	1.940 - 2.000	9.80
MS9577-07	.802 - .822	.088 - .108	3.90	MS9577-33	3.115 - 3.135	2.065 - 2.125	10.13
MS9577-08	.865 - .885	.088 - .108	4.07	MS9577-34	3.240 - 3.260	2.190 - 2.250	10.47
MS9577-09	.928 - .948	.088 - .108	4.24	MS9577-35	3.365 - 3.385	2.315 - 2.375	10.80
MS9577-10	.990 - 1.010	.088 - .108	4.41	MS9577-36	3.490 - 3.510	2.440 - 2.500	11.14
MS9577-11	1.052 - 1.072	.088 - .108	4.58	MS9577-37	3.615 - 3.635	2.565 - 2.625	11.47
MS9577-12	1.115 - 1.135	.088 - .125	4.75	MS9577-38	3.740 - 3.760	2.690 - 2.750	11.80
MS9577-13	1.178 - 1.198	.128 - .188	4.91	MS9577-39	3.865 - 3.885	2.815 - 2.875	12.14
MS9577-14	1.240 - 1.260	.190 - .250	5.08	MS9577-40	3.990 - 4.010	2.940 - 3.000	12.47
MS9577-15	1.302 - 1.322	.252 - .312	5.25	MS9577-41	4.115 - 4.135	3.065 - 3.125	12.80
MS9577-16	1.365 - 1.385	.315 - .375	5.43	MS9577-42	4.240 - 4.260	3.190 - 3.250	13.13
MS9577-17	1.428 - 1.448	.378 - .438	5.60	MS9577-43	4.365 - 4.385	3.315 - 3.375	13.46
MS9577-18	1.490 - 1.510	.440 - .500	5.76	MS9577-44	4.490 - 4.510	3.440 - 3.500	13.89
MS9577-19	1.552 - 1.572	.502 - .562	5.93	MS9577-45	4.615 - 4.635	3.565 - 3.625	14.23
MS9577-20	1.615 - 1.635	.565 - .625	6.10	MS9577-46	4.740 - 4.760	3.690 - 3.750	14.56
MS9577-21	1.678 - 1.698	.628 - .688	6.27	MS9577-47	4.865 - 4.885	3.815 - 3.875	14.89
MS9577-22	1.740 - 1.760	.690 - .750	6.44	MS9577-48	4.990 - 5.010	3.940 - 4.000	15.23
MS9577-57	1.802 - 1.822	.752 - .812	6.61	MS9577-49	5.115 - 5.135	4.065 - 4.125	15.57
MS9577-23	1.865 - 1.885	.752 - .812	6.77	MS9577-50	5.240 - 5.260	4.190 - 4.250	15.90
MS9577-58	1.928 - 1.948	.878 - .938	6.94	MS9577-51	5.365 - 5.385	4.315 - 4.375	16.23
MS9577-24	1.990 - 2.010	.940 - 1.000	7.11	MS9577-52	5.490 - 5.510	4.440 - 4.500	16.56
MS9577-25	2.115 - 2.135	1.065 - 1.125	7.44	MS9577-53	5.615 - 5.635	4.565 - 4.625	16.89
MS9577-26	2.240 - 2.260	1.190 - 1.250	7.78	MS9577-54	5.740 - 5.760	4.690 - 4.750	17.23
MS9577-27	2.365 - 2.385	1.315 - 1.375	8.11	MS9577-55	5.865 - 5.885	4.815 - 4.875	17.57
MS9577-28	2.490 - 2.510	1.440 - 1.500	8.44	MS9577-56	5.990 - 6.010	4.940 - 5.000	17.91

DASH NUMBERS 57 AND 58 ARE IN LENGTH ORDER.