

REV.
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AS9585™

FEDERAL SUPPLY CLASS
5306

RATIONALE

FIGURE REDRAWN TO ASME Y14.5-2018, END CHAMFERS TO AS1132, SPECS UPDATED.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9585B, AMENDMENT 1. THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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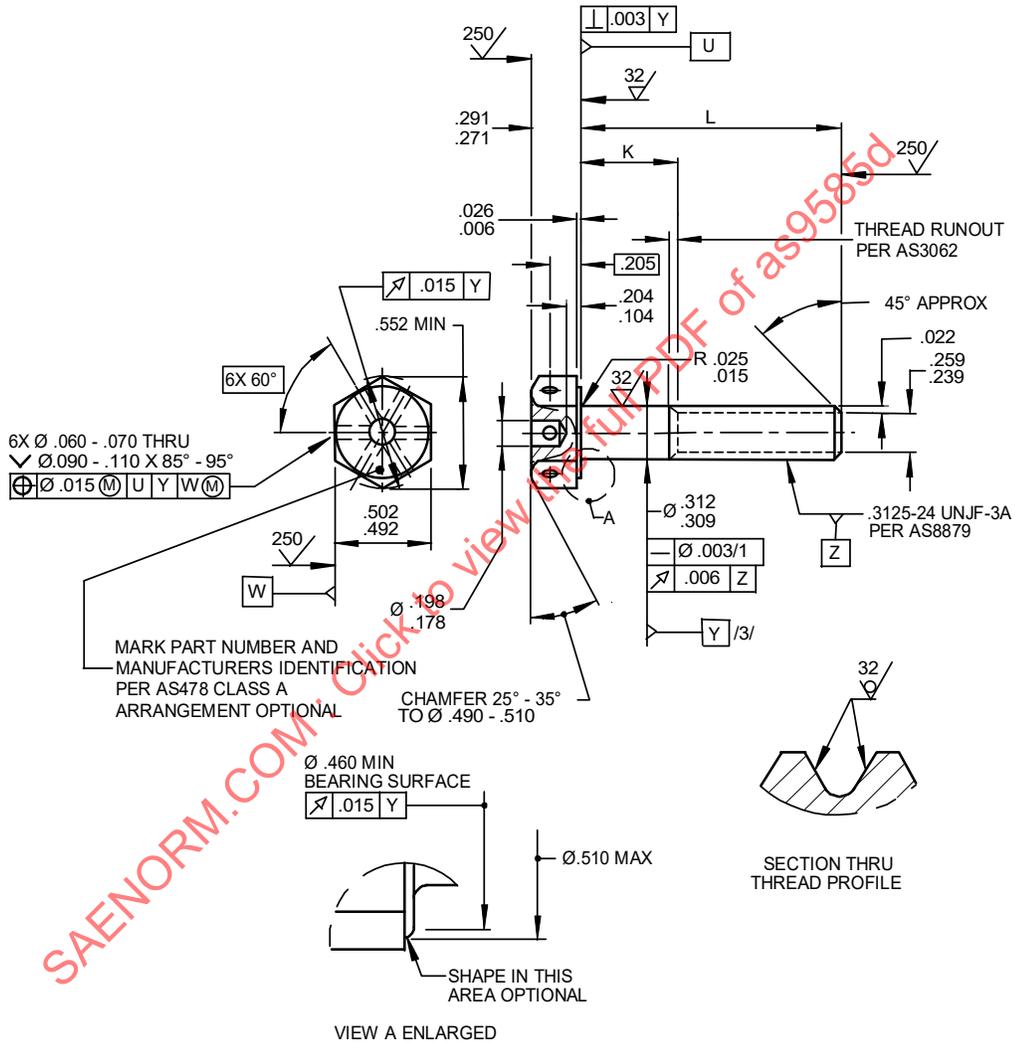
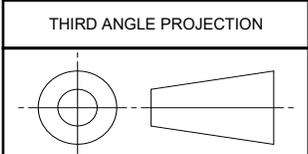


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9585D/>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, DRILLED,
6 HOLES, FULL SHANK, UNS S66286, 130 KSI MIN,
.3125-24 UNJF-3A

AS9585™
SHEET 1 OF 3

REV.
D

ISSUED 1999-08 REAFFIRMED 2007-06 REVISED 2022-11

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9585-04	.490- .510	.088- .108	2.59	MS9585-32	2.740-2.760	1.815-1.875	7.47
MS9585-05	.552- .572	.088- .108	2.73	MS9585-33	2.865-2.885	1.940-2.000	7.74
MS9585-06	.615- .635	.088- .108	2.86	MS9585-34	2.990-3.010	2.065-2.125	8.01
MS9585-07	.678- .698	.088- .108	3.00	MS9585-35	3.115-3.135	2.190-2.250	8.28
MS9585-08	.740- .760	.088- .108	3.14	MS9585-36	3.240-3.260	2.315-2.375	8.55
MS9585-09	.802- .822	.088- .108	3.27	MS9585-37	3.365-3.385	2.440-2.500	8.82
MS9585-10	.865- .885	.088- .108	3.41	MS9585-38	3.490-3.510	2.565-2.625	9.09
MS9585-11	.928- .948	.088- .108	3.54	MS9585-39	3.615-3.635	2.690-2.750	9.36
MS9585-12	.990-1.010	.125- .145	3.68	MS9585-40	3.740-3.760	2.815-2.875	9.63
MS9585-13	1.052-1.072	.128- .188	3.81	MS9585-41	3.865-3.885	2.940-3.000	9.90
MS9585-14	1.115-1.135	.190- .250	3.95	MS9585-42	3.990-4.010	3.065-3.125	10.17
MS9585-15	1.178-1.198	.252- .312	4.08	MS9585-43	4.115-4.135	3.190-3.250	10.44
MS9585-16	1.240-1.260	.315- .375	4.22	MS9585-44	4.240-4.260	3.315-3.375	10.71
MS9585-17	1.302-1.322	.378- .438	4.35	MS9585-45	4.365-4.385	3.440-3.500	10.98
MS9585-18	1.365-1.385	.440- .500	4.49	MS9585-46	4.490-4.510	3.565-3.625	11.25
MS9585-19	1.428-1.448	.502- .562	4.62	MS9585-47	4.615-4.635	3.690-3.750	11.52
MS9585-20	1.490-1.510	.585- .625	4.76	MS9585-48	4.740-4.760	3.815-3.875	11.80
MS9585-21	1.552-1.572	.628- .688	4.89	MS9585-49	4.865-4.885	3.940-4.000	12.07
MS9585-22	1.615-1.635	.690- .750	5.03	MS9585-50	4.990-5.010	4.065-4.125	12.34
MS9585-23	1.678-1.698	.752- .812	5.17	MS9585-51	5.115-5.135	4.190-4.250	12.61
MS9585-24	1.740-1.760	.815- .875	5.30	MS9585-52	5.240-5.260	4.315-4.375	12.88
MS9585-59	1.802-1.822	.878- .938	5.44	MS9585-53	5.365-5.385	4.440-4.500	13.15
MS9585-25	1.865-1.885	.940-1.000	5.57	MS9585-54	5.490-5.010	4.565-4.625	13.42
MS9585-60	1.928-1.948	1.002-1.062	5.71	MS9585-55	5.615-5.635	4.690-4.750	13.69
MS9585-26	1.990-2.010	1.065-1.125	5.84	MS9585-56	5.740-5.760	4.815-4.875	13.96
MS9585-27	2.115-2.135	1.190-1.250	6.11	MS9585-57	5.865-5.885	4.940-5.000	14.22
MS9585-28	2.240-2.260	1.315-1.375	6.38	MS9585-58	5.990-6.010	5.065-5.125	14.50
MS9585-29	2.365-2.385	1.440-1.500	6.65				
MS9585-30	2.490-2.510	1.585-1.625	6.92				
MS9585-31	2.615-2.635	1.690-1.750	7.19				

NOTES:

1. MATERIAL: CORROSION AND HEAT RESISTANT STEEL PER AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
2. PROCUREMENT SPECIFICATION: AS7477.
3. FOR PART NUMBERS MS9585-04 THROUGH MS9585-18, THE THREAD PD DATUM **Z** SHALL REPLACE DATUM **Y**.
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2.
5. INCOMPLETE THREADS NOT TO ENTER FILLET.
6. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
7. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONING AND TOLERANCING: ASME Y14.5-2018.
9. DIMENSIONS ARE IN INCHES.
10. DO NOT USE UNASSIGNED PART NUMBERS.
11. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

	AEROSPACE STANDARD		AS9585™ SHEET 2 OF 3	REV. D
	BOLT, MACHINE - HEXAGON HEAD, DRILLED, 6 HOLES, FULL SHANK, UNS S66286, 130 KSI MIN, .3125-24 UNJF-3A			