

REV.
C

AS9399™

RATIONALE

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

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9399(ASG). THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL'S) 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.

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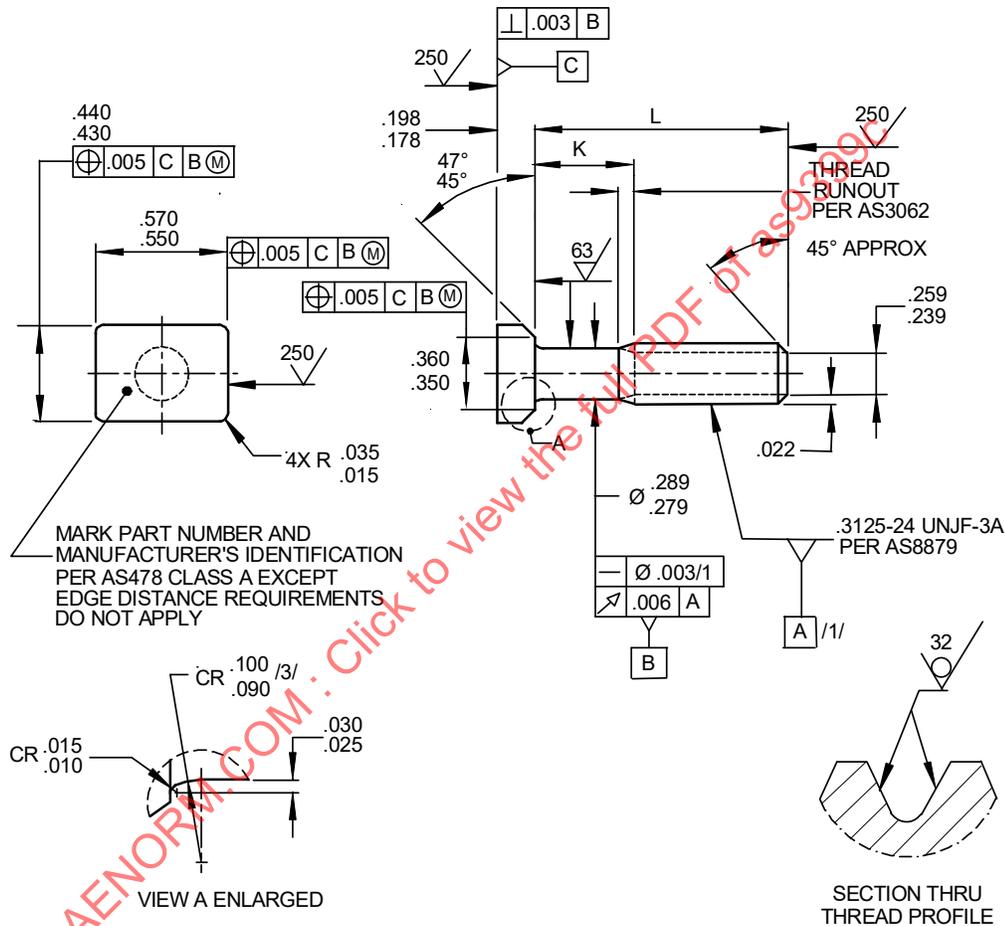
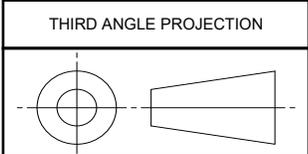


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9399C/>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452, SEE NOTE 3



AEROSPACE STANDARD

BOLT, TEE HEAD - CADMIUM PLATED,
STEEL, UNS G87400, 125 KSI MIN,
CHAMFERED, .3125-24 UNJF-3A

AS9399™
SHEET 1 OF 3

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ISSUED 2001-10 REAFFIRMED 2007-06 REVISED 2022-12

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9399-04	.490- .510	.130 - .150	2.17	MS9399-32	2.740-2.760	1.815-1.875	6.22
MS9399-05	.552- .572	.130 - .150	2.28	MS9399-33	2.865-2.885	1.940-2.000	6.45
MS9399-06	.615- .635	.130 - .150	2.39	MS9399-34	2.990-3.010	2.065-2.125	6.67
MS9399-07	.678- .698	.130 - .150	2.50	MS9399-35	3.115-3.135	2.190-2.250	6.90
MS9399-08	.740- .760	.130 - .150	2.61	MS9399-36	3.240-3.260	2.315-2.375	7.13
MS9399-09	.802- .822	.130- .150	2.72	MS9399-37	3.365-3.385	2.440-2.500	7.35
MS9399-10	.865- .885	.130- .150	2.84	MS9399-38	3.490-3.510	2.565-2.625	7.58
MS9399-11	.928- .948	.130- .150	2.95	MS9399-39	3.615-3.635	2.690-2.750	7.80
MS9399-12	.990-1.010	.130- .150	3.06	MS9399-40	3.740-3.760	2.815-2.875	8.03
MS9399-13	1.052-1.072	.130- .150	3.18	MS9399-41	3.865-3.885	2.940-3.000	8.25
MS9399-14	1.115-1.135	.190- .250	3.29	MS9399-42	3.990-4.010	3.065-3.125	8.48
MS9399-15	1.178-1.198	.252- .312	3.40	MS9399-43	4.115-4.135	3.190-3.250	8.71
MS9399-16	1.240-1.260	.315- .375	3.51	MS9399-44	4.240-4.260	3.315-3.375	8.93
MS9399-17	1.302-1.322	.378- .438	3.63	MS9399-45	4.365-4.385	3.440-3.500	9.16
MS9399-18	1.365-1.385	.440- .500	3.74	MS9399-46	4.490-4.510	3.565-3.625	9.38
MS9399-19	1.428-1.448	.502- .562	3.85	MS9399-47	4.615-4.635	3.690-3.750	9.61
MS9399-20	1.490-1.510	.565- .625	3.97	MS9399-48	4.740-4.760	3.815-3.875	9.83
MS9399-21	1.552-1.572	.628- .688	4.08	MS9399-49	4.865-4.885	3.940-4.000	10.06
MS9399-22	1.615-1.635	.690- .750	4.19	MS9399-50	4.990-5.010	4.065-4.125	10.29
MS9399-23	1.678-1.698	.752- .812	4.30	MS9399-51	5.115-5.135	4.190-4.250	10.51
MS9399-24	1.740-1.760	.815- .875	4.42	MS9399-52	5.240-5.260	4.315-4.375	10.74
MS9399-25	1.865-1.885	.940-1.000	4.54	MS9399-53	5.365-5.385	4.440-4.500	10.96
MS9399-26	1.990-2.010	1.065-1.125	4.87	MS9399-54	5.490-5.510	4.565-4.625	11.19
MS9399-27	2.115-2.135	1.190-1.250	5.09	MS9399-55	5.615-5.635	4.690-4.750	11.41
MS9399-28	2.240-2.260	1.315-1.375	5.32	MS9399-56	5.740-5.760	4.815-4.875	11.64
MS9399-29	2.365-2.385	1.440-1.500	5.55	MS9399-57	5.865-5.885	4.940-5.000	11.86
MS9399-30	2.490-2.510	1.565-1.625	5.77	MS9399-58	5.990-6.010	5.065-5.125	12.09
MS9399-31	2.615-2.635	1.690-1.750	6.00				

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

- 1/ FOR PART NUMBERS AS9399-04 THROUGH AS9399-19, THE THREAD PD DATUM **A** SHALL REPLACE DATUM **B**.
- 2. MATERIAL: LOW ALLOY STEEL AMS6322 (COMPOSITION SIMILAR TO UNS G87400).
- 3/ PROCUREMENT SPECIFICATION: AS7452, EXCEPT HEAD SHALL BE UPSET.
- 4. FINISH: CADMIUM PLATE PER AMS2400. DIMENSIONS APPLY AFTER PLATING.
- 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.

	AEROSPACE STANDARD	AS9399™ SHEET 2 OF 3	REV. C
	BOLT, TEE HEAD - CADMIUM PLATED, STEEL, UNS G87400, 125 KSI MIN, CHAMFERED, .3125-24 UNJF-3A		