

REV. C

AS9400™

FEDERAL SUPPLY CLASS  
5306

RATIONALE

FIGURE 1 REDRAWN, REVISE LEAD THREAD CHAMFER, ADD POSITION REQUIREMENTS TO HEAD DIMENSIONS, GENERAL EDITORIAL REVISIONS.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9400(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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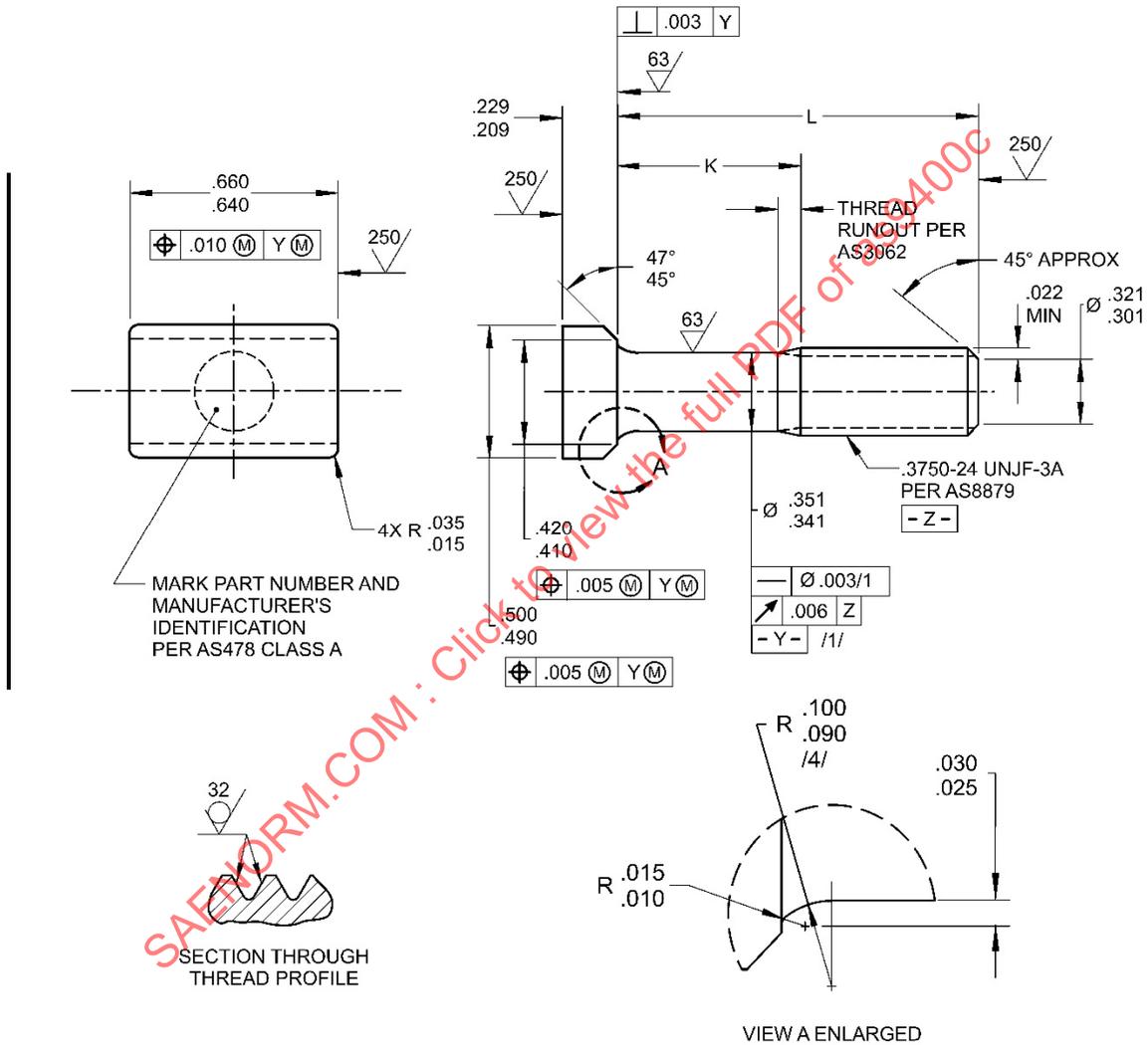
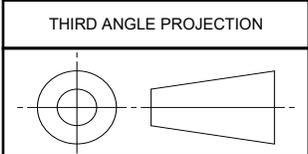


FIGURE 1 - BOLT

For more information on this standard, visit <https://www.sae.org/standards/content/AS9400C/>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7452 /3/



**AEROSPACE STANDARD**  
BOLT, TEE HEAD - CADMIUM PLATED,  
STEEL, UNS G87400, 125 KSI MIN,  
CHAMFERED, .3750-24 UNJF-3A

**AS9400™**  
SHEET 1 OF 3

**REV. C**

ISSUED 2001-10 REAFFIRMED 2007-06 REVISED 2021-04

**TABLE 1 - PART NUMBERS AND DIMENSIONS**

PART NUMBER	L	K	APPROX MASS LB/100	PART NUMBER	L	K	APPROX MASS LB/100
MS9400-05	.678- .698	.130- .150	3.79	MS9400-33	3.115-3.135	2.065-2.125	10.35
MS9400-06	.740- .760	.130- .150	3.96	MS9400-34	3.240-3.260	2.190-2.250	10.68
MS9400-07	.802- .822	.130- .150	4.13	MS9400-35	3.365-3.385	2.315-2.375	11.02
MS9400-08	.865- .885	.130- .150	4.30	MS9400-36	3.490-3.510	2.440-2.500	11.36
MS9400-09	.928- .948	.130- .150	4.47	MS9400-37	3.615-3.635	2.565-2.625	11.69
MS9400-10	.990-1.010	.130- .150	4.64	MS9400-38	3.740-3.760	2.690-2.750	12.03
MS9400-11	1.052-1.072	.130- .150	4.80	MS9400-39	3.865-3.885	2.815-2.875	12.36
MS9400-12	1.115-1.135	.130- .150	4.97	MS9400-40	3.990-4.010	2.940-3.000	12.70
MS9400-13	1.178-1.198	.130- .150	5.14	MS9400-41	4.115-4.135	3.065-3.125	13.04
MS9400-14	1.240-1.260	.190- .250	5.31	MS9400-42	4.240-4.260	3.190-3.250	13.37
MS9400-15	1.302-1.322	.252- .312	5.48	MS9400-43	4.365-4.385	3.315-3.375	13.71
MS9400-16	1.365-1.385	.315- .375	5.64	MS9400-44	4.490-4.510	3.440-3.500	14.04
MS9400-17	1.428-1.448	.378- .438	5.81	MS9400-45	4.615-4.635	3.565-3.625	14.38
MS9400-18	1.490-1.510	.440- .500	5.98	MS9400-46	4.740-4.760	3.690-3.750	14.72
MS9400-19	1.552-1.572	.502- .562	6.15	MS9400-47	4.865-4.885	3.815-3.875	15.05
MS9400-20	1.615-1.635	.565- .625	6.32	MS9400-48	4.990-5.010	3.490-4.000	15.39
MS9400-21	1.678-1.698	.628- .688	6.48	MS9400-49	5.115-5.135	4.065-4.125	15.72
MS9400-22	1.740-1.760	.690- .750	6.65	MS9400-50	5.240-5.260	4.190-4.250	16.06
MS9400-23	1.865-1.885	.815- .875	6.99	MS9400-51	5.365-5.385	4.315-4.375	16.40
MS9400-24	1.990-2.010	.940-1.000	7.32	MS9400-52	5.490-5.510	4.440-4.500	16.73
MS9400-25	2.115-2.135	1.065-1.125	7.66	MS9400-53	5.615-5.635	4.565-4.625	16.97
MS9400-26	2.240-2.260	1.190-1.250	8.00	MS9400-54	5.740-5.760	4.690-4.750	17.40
MS9400-27	2.365-2.385	1.315-1.375	8.33	MS9400-55	5.865-5.885	4.815-4.875	17.74
MS9400-28	2.490-2.510	1.440-1.500	8.67	MS9400-56	5.990-6.010	4.940-5.000	18.08
MS9400-29	2.615-2.635	1.565-1.625	9.00				
MS9400-30	2.740-2.760	1.690-1.750	9.34				
MS9400-31	2.865-2.885	1.815-1.875	9.68				
MS9400-32	2.990-3.010	1.940-2.000	10.01				

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 MS9400-05 THRU MS9400-21, THE DATUM Z (THREAD PD) SHALL REPLACE DATUM Y.
2. MATERIAL: LOW ALLOY STEEL AMS6322 (COMPOSITION SIMILAR TO UNS G87400).
- /3/ PROCUREMENT SPECIFICATION: AS7452, EXCEPT HEAD SHALL BE UPSET.
- /4/ HEAD TO SHANK FILLET SHALL BE COLD ROLLED.
5. FINISH: CADMIUM PLATE PER AMS2400. DIMENSIONS ARE AFTER PLATING.
6. MAGNETIC PARTICLE INSPECTION PER ASTM E1444/E1444M AFTER PLATING.
7. INCOMPLETE THREADS NOT TO ENTER FILLET.
8. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
9. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.

	<b>AEROSPACE STANDARD</b>	<b>AS9400™</b> SHEET 2 OF 3	<b>REV.</b> <b>C</b>
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