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AS3411™

RATIONALE

REDRAWN FIGURE 1, ADD AS3062 FOR THREAD RUNOUT AND INCOMPLETE THREAD, ADD CR ON FILLET RADIUS, UPDATE TO ASME Y14.5-2018.

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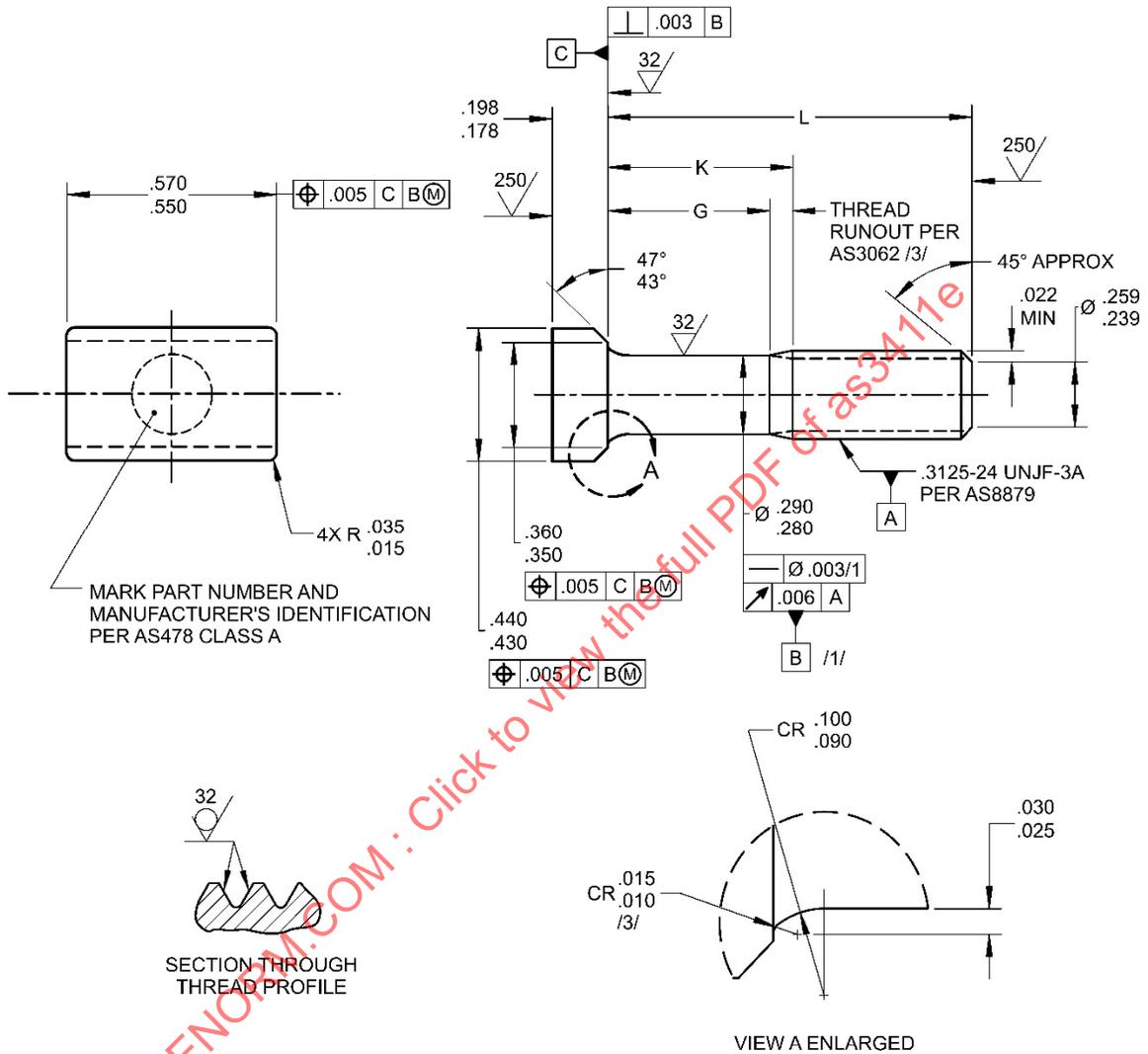
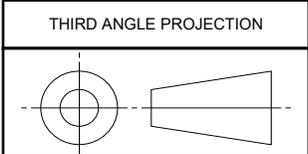


FIGURE 1 - BOLT

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



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7467 /3/



**AEROSPACE STANDARD**

BOLT, TEE HEAD - NICKEL ALLOY (UNS N07718),  
CHAMFERED, .3125-24 UNJF-3A  
(STRESS RUPTURE RESISTANT)

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SHEET 1 OF 3

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**TABLE 1 - PARTS NUMBERS AND DIMENSIONS G, K, AND L**

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100	PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3411-04	.490- .510	.063	.150	2.27	AS3411-34	2.740-2.760	1.732	1.875	6.41
AS3411-05	.552- .572	.063	.150	2.38	AS3411-35	2.865-2.885	1.857	2.000	6.64
AS3411-06	.615- .635	.063	.150	2.49	AS3411-36	2.990-3.010	1.982	2.125	6.87
AS3411-07	.678- .698	.063	.150	2.60	AS3411-37	3.115-3.135	2.107	2.250	7.11
AS3411-08	.740- .760	.063	.150	2.71	AS3411-38	3.240-3.260	2.232	2.375	7.34
AS3411-09	.802- .822	.063	.150	2.82	AS3411-39	3.365-3.385	2.357	2.500	7.57
AS3411-10	.865- .885	.063	.150	2.94	AS3411-40	3.490-3.510	2.482	2.625	7.81
AS3411-11	.928- .948	.063	.150	3.05	AS3411-41	3.615-3.635	2.607	2.750	8.03
AS3411-12	.990-1.100	.063	.150	3.16	AS3411-42	3.740-3.760	2.732	2.875	8.28
AS3411-13	1.052-1.072	.063	.188	3.28	AS3411-43	3.865-3.885	2.857	3.000	8.50
AS3411-14	1.115-1.135	.107	.250	3.39	AS3411-44	3.990-4.010	2.982	3.125	8.73
AS3411-15	1.178-1.198	.170	.312	3.50	AS3411-45	4.115-4.135	3.107	3.250	8.97
AS3411-16	1.240-1.260	.232	.375	3.62	AS3411-46	4.240-4.260	3.232	3.375	9.20
AS3411-17	1.302-1.322	.294	.438	3.74	AS3411-47	4.365-4.385	3.357	3.500	9.43
AS3411-18	1.365-1.385	.357	.500	3.85	AS3411-48	4.490-4.510	3.482	3.625	9.66
AS3411-19	1.428-1.448	.420	.562	3.97	AS3411-49	4.615-4.635	3.607	3.750	9.90
AS3411-20	1.490-1.510	.482	.625	4.09	AS3411-50	4.740-4.760	3.732	3.875	10.12
AS3411-21	1.552-1.572	.544	.688	4.20	AS3411-51	4.865-4.885	3.857	4.000	13.36
AS3411-22	1.615-1.635	.607	.750	4.32	AS3411-52	4.990-5.010	3.982	4.125	10.65
AS3411-23	1.678-1.698	.670	.812	4.43	AS3411-53	5.115-5.135	4.107	4.250	10.83
AS3411-24	1.740-1.760	.732	.875	4.55	AS3411-54	5.240-5.260	4.232	4.375	11.06
AS3411-25	1.802-1.822	.794	.938	4.67	AS3411-55	5.365-5.385	4.357	4.500	11.29
AS3411-26	1.865-1.885	.857	1.000	4.78	AS3411-56	5.490-5.510	4.482	4.625	11.53
AS3411-27	1.928-1.948	.920	1.062	4.90	AS3411-57	5.615-5.635	4.607	4.750	11.75
AS3411-28	1.990-2.010	.982	1.125	5.02	AS3411-58	5.740-5.760	4.732	4.875	11.99
AS3411-29	2.115-2.135	1.107	1.250	5.24	AS3411-59	5.865-5.885	4.857	5.000	12.22
AS3411-30	2.240-2.260	1.232	1.375	5.48	AS3411-60	5.990-6.010	4.982	5.125	12.45
AS3411-31	2.365-2.385	1.357	1.500	5.72					
AS3411-32	2.490-2.510	1.482	1.625	5.94					
AS3411-33	2.615-2.635	1.607	1.750	6.19					

NOTES:

- /1/ FOR PART NUMBERS AS3411-04 THROUGH AS3411-19, DATUM A SHALL REPLACE DATUM B.
2. MATERIAL: CORROSION- AND HEAT-RESISTANT NICKEL ALLOY PER AMS5662 (COMPOSITION SIMILAR TO UNS N07718).
- /3/ PROCUREMENT SPECIFICATION: AS7467 EXCEPT ROLL THREAD AND COLD WORK .010 TO .015 FILLET RADIUS AFTER PRECIPITATION HARDENING. INCOMPLETE THREAD NOT TO ENTER THE FILLET AREA.
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MINIMUM.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra, EXCEPT UPSET HEAD TO BE 250 MICROINCHES Ra.
6. BREAK EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
7. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS AND TOLERANCING: ASME Y14.5-2018.
9. DO NOT USE UNASSIGNED PART NUMBERS.
10. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.

	<b>AEROSPACE STANDARD</b>	<b>AS3411™</b> SHEET 2 OF 3	<b>REV.</b> <b>E</b>
	BOLT, TEE HEAD - NICKEL ALLOY (UNS N07718), CHAMFERED, .3125-24 UNJF-3A (STRESS RUPTURE RESISTANT)		