FEDERAL SUPPLY CLASS
5306

RATIONALE

UPDATE TO ASME Y14.5-2018. REVISE ACROSS POINTS TO AS1132. UPDATE LEAD THREAD CHAMFER TO AS1132. REVISE HEAD TO SHANK FILLET TO CR. IN NOTE 2, ADD "COMPOSITION SIMILAR TO" TO UNS. IN TITLE BLOCK, CORRECT UNS FROM "UNS NO7718" TO "UNS N07718."

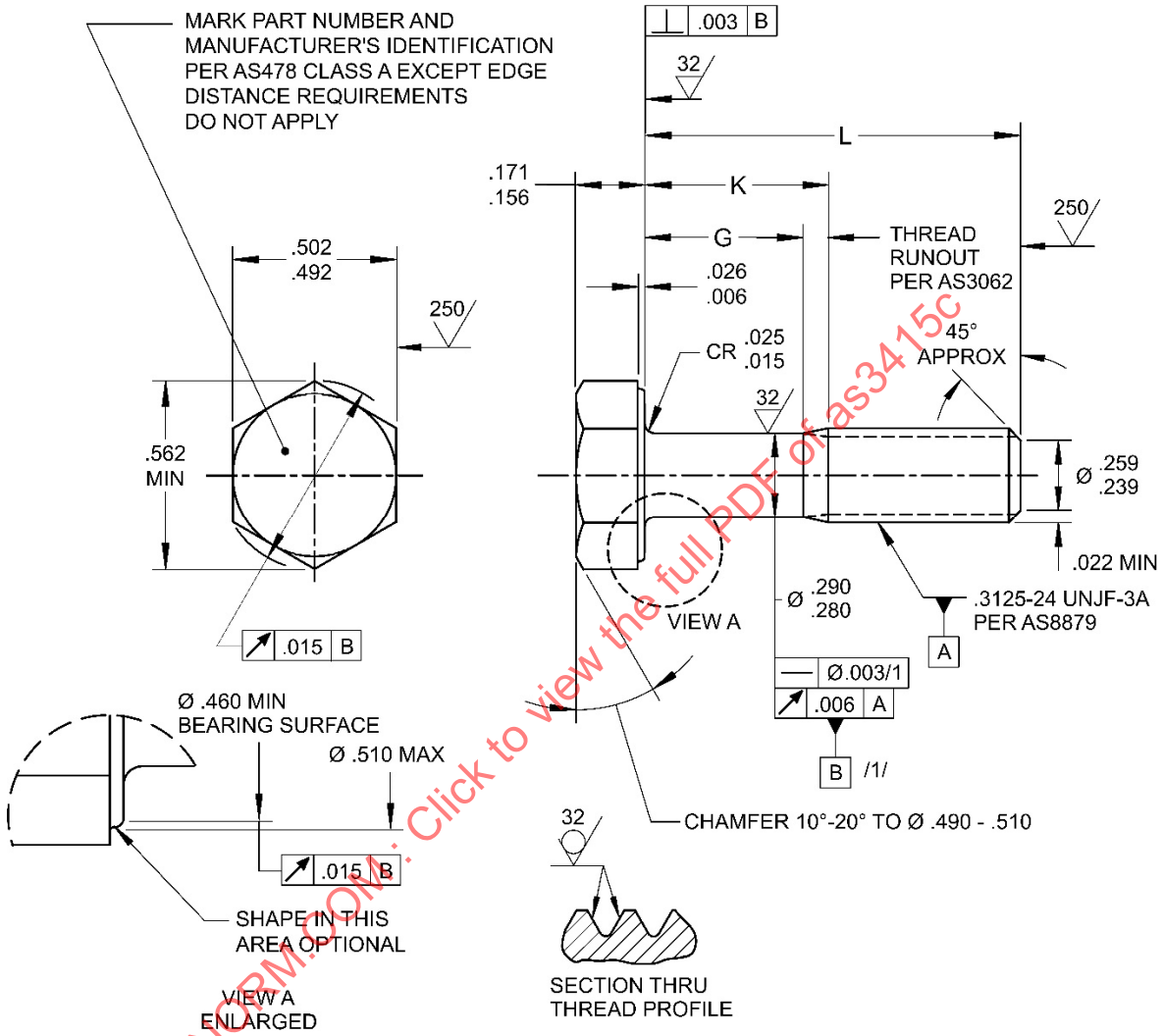

FIGURE 1 - BOLT

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For more information on this standard, visit
https://www.sae.org/standards/content/AS3415C/

THIRD ANGLE PROJECTION

ISSUED 1985-12 REVISED 2022-08

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7467 /3/

AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, PD SHANK
UNS N07718, 185 KSI MIN, .3125-24 UNJF-3A
(STRESS RUPTURE RESISTANT)

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TABLE 1 - DIMENSIONS L, G, K, AND APPROX MASS

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3415-04	.490- .510	.025	.108	1.94
AS3415-05	.552- .572	.025	.108	2.06
AS3415-06	.615- .635	.025	.108	2.17
AS3415-07	.678- .698	.025	.108	2.29
AS3415-08	.740- .760	.025	.108	2.40
AS3415-09	.802- .822	.025	.108	2.51
AS3415-10	.865- .885	.025	.108	2.63
AS3415-11	.928- .948	.025	.108	2.74
AS3415-12	.990-1.010	.025	.125	2.86
AS3415-13	1.052-1.072	.044	.188	2.97
AS3415-14	1.115-1.135	.107	.250	3.08
AS3415-15	1.178-1.198	.170	.312	3.21
AS3415-16	1.240-1.260	.232	.375	3.32
AS3415-17	1.302-1.322	.294	.438	3.45
AS3415-18	1.365-1.385	.357	.500	3.56
AS3415-19	1.428-1.448	.420	.562	3.68
AS3415-20	1.490-1.510	.482	.625	3.80
AS3415-21	1.552-1.572	.544	.688	3.92
AS3415-22	1.615-1.635	.607	.750	4.04
AS3415-23	1.678-1.698	.670	.812	4.15
AS3415-24	1.740-1.760	.732	.875	4.27
AS3415-25	1.802-1.822	.794	.938	4.39
AS3415-26	1.865-1.885	.857	1.000	4.51
AS3415-27	1.928-1.948	.920	1.062	4.63
AS3415-28	1.990-2.010	.982	1.125	4.75
AS3415-29	2.115-2.135	1.107	1.250	4.99
AS3415-30	2.240-2.260	1.232	1.375	5.22
AS3415-31	2.365-2.385	1.357	1.500	5.45
AS3415-32	2.490-2.510	1.482	1.625	5.69
AS3415-33	2.615-2.635	1.607	1.750	5.93
AS3415-34	2.740-2.760	1.732	1.875	6.17
AS3415-35	2.865-2.885	1.857	2.000	6.41
AS3415-36	2.990-3.010	1.982	2.125	6.64
AS3415-37	3.115-3.135	2.107	2.250	6.88
AS3415-38	3.240-3.260	2.232	2.375	7.12
AS3415-39	3.365-3.385	2.357	2.500	7.35
AS3415-40	3.490-3.510	2.482	2.625	7.59
AS3415-41	3.615-3.635	2.607	2.750	7.82
AS3415-42	3.740-3.760	2.732	2.875	8.06
AS3415-43	3.865-3.885	2.857	3.000	8.30
AS3415-44	3.990-4.010	2.982	3.125	8.54
AS3415-45	4.115-4.135	3.107	3.250	8.78
AS3415-46	4.240-4.260	3.232	3.375	9.01
AS3415-47	4.365-4.385	3.357	3.500	9.25
AS3415-48	4.490-4.510	3.482	3.625	9.48
AS3415-49	4.615-4.635	3.607	3.750	9.72
AS3415-50	4.740-4.760	3.732	3.875	9.96
AS3415-51	4.865-4.885	3.857	4.000	10.19
AS3415-52	4.990-5.010	3.982	4.125	10.43
AS3415-53	5.115-5.135	4.107	4.250	10.67

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