FEDERAL SUPPLY CLASS
5306

RATIONALE

FIGURE 1 REDRAWN TO AS1132 STANDARD, USAGE NOTE ADDED.

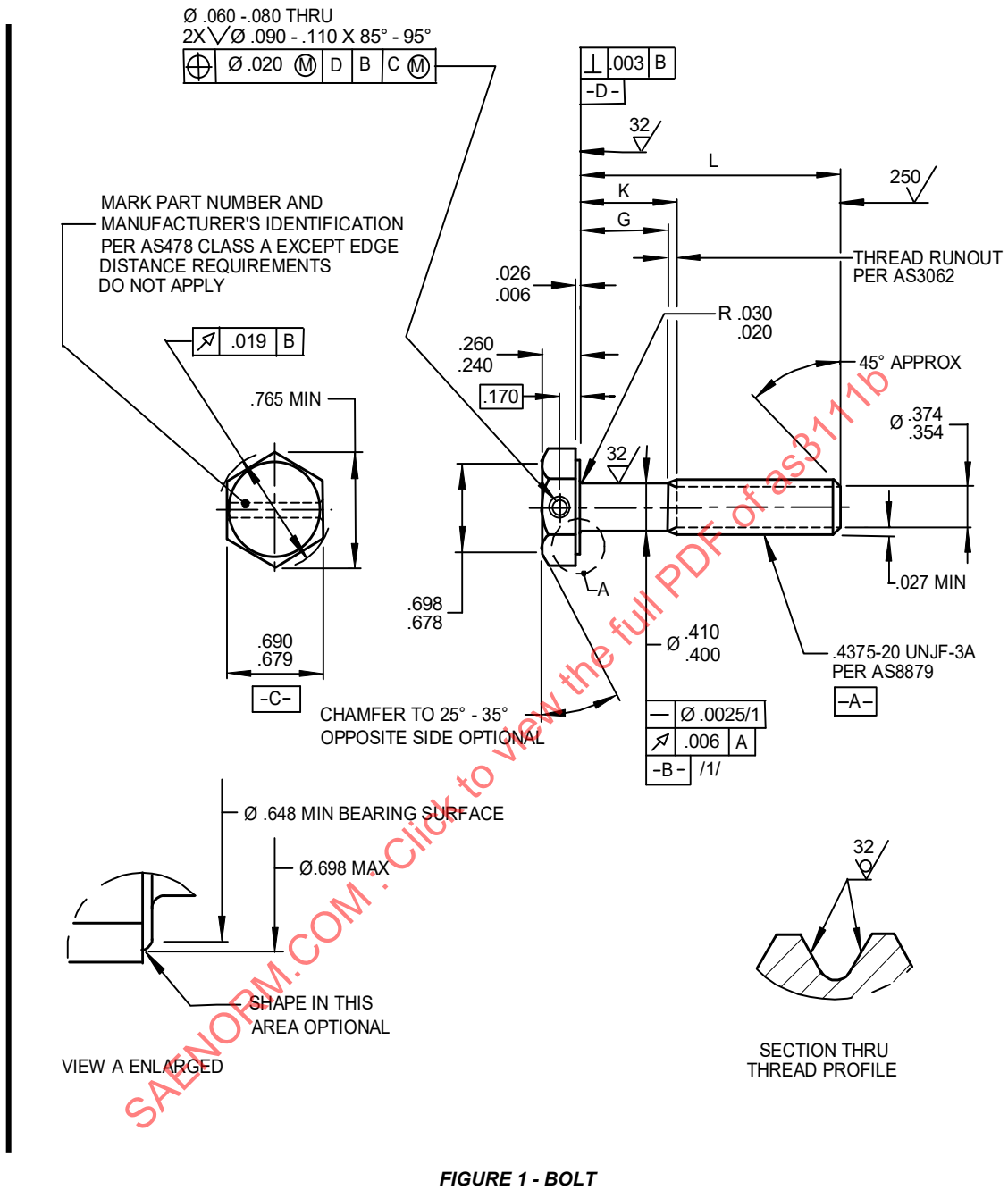

FIGURE 1 - BOLT

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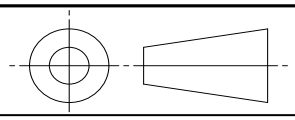
https://www.sae.org/standards/content/AS3111B/

THIRD ANGLE PROJECTION



ISSUED 1979-07 REAFFIRMED 2012-11 REVISED 2020-08

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477

AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD,
DRILLED 1 HOLE, PD SHANK,
CRES AMS5731(UNS S66826), .4375-20 UNJF-3A

AS3111™
SHEET 1 OF 3

REV. B

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

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3111-14	1.302-1.322	.030	.188	7.53
AS3111-15	1.365-1.385	.090	.250	7.76
AS3111-16	1.428-1.448	.153	.312	8.00
AS3111-17	1.490-1.510	.215	.375	8.23
AS3111-18	1.552-1.572	.277	.438	8.46
AS3111-19	1.615-1.635	.340	.500	8.69
AS3111-20	1.678-1.698	.403	.562	8.92
AS3111-21	1.740-1.760	.465	.625	9.15
AS3111-22	1.802-1.822	.527	.688	9.38
AS3111-23	1.865-1.885	.590	.750	9.61
AS3111-24	1.928-1.948	.653	.812	9.84
AS3111-25	1.990-2.010	.715	.875	10.07
AS3111-26	2.115-2.135	.840	1.000	10.54
AS3111-27	2.240-2.260	.965	1.125	11.00
AS3111-28	2.365-2.385	1.090	1.250	11.46
AS3111-29	2.490-2.510	1.215	1.375	11.92
AS3111-30	2.615-2.635	1.340	1.500	12.39
AS3111-31	2.740-2.760	1.465	1.625	12.85
AS3111-32	2.865-2.885	1.590	1.750	13.31
AS3111-33	2.990-3.010	1.715	1.875	13.77
AS3111-34	3.115-3.135	1.840	2.000	14.23
AS3111-35	3.240-3.260	1.965	2.125	14.70
AS3111-36	3.365-3.385	2.090	2.250	15.16
AS3111-37	3.490-3.510	2.215	2.375	15.62
AS3111-38	3.615-3.635	2.340	2.500	16.08
AS3111-39	3.740-3.760	2.465	2.625	16.55
AS3111-40	3.865-3.885	2.590	2.750	17.01
AS3111-41	3.990-4.010	2.715	2.875	17.47
AS3111-42	4.115-4.135	2.840	3.000	17.93
AS3111-43	4.240-4.260	2.965	3.125	18.39
AS3111-44	4.365-4.385	3.090	3.250	18.85
AS3111-45	4.490-4.510	3.215	3.375	19.32
AS3111-46	4.615-4.635	3.340	3.500	19.78
AS3111-47	4.740-4.760	3.465	3.625	20.24
AS3111-48	4.865-4.885	3.590	3.750	20.70
AS3111-49	4.990-5.010	3.715	3.875	21.17
AS3111-50	5.115-5.135	3.840	4.000	21.63
AS3111-51	5.240-5.260	3.965	4.125	22.09
AS3111-52	5.365-5.385	4.090	4.250	22.55
AS3111-53	5.490-5.510	4.215	4.375	23.01
AS3111-54	5.615-5.635	4.340	4.500	23.47
AS3111-55	5.740-5.760	4.465	4.625	23.93
AS3111-56	5.865-5.885	4.590	4.750	24.40
AS3111-57	5.990-6.010	4.715	4.875	24.86

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