

REV. A

AS3113

FEDERAL SUPPLY CLASS
5306

RATIONALE

UPDATE THREAD SPECIFICATION TO AS8879, UPDATE TO ANSI Y14.5M-1982, REVISE FPI REQUIREMENTS TO ASTM E1417/1417M, ADD TERTIARY DATUM IN HOLE POSITION FEATURE CONTROL FRAME, REVISE ACROSS POINTS DIMENSION, CHANGE DIMENSION FOR HOLE LOCATION TO BASIC, ADD EDGE DISTANCE EXCEPTION FOR HEAD MARKING, ADD AS3062 FOR THREAD RUNOUT, ADD SURFACE TEXTURE SYMBOLS PER ASME Y14.36M, REMOVE METRIC DIMENSIONS, FIGURE 1 REDRAWN AND GENERAL EDITORIAL UPDATE.

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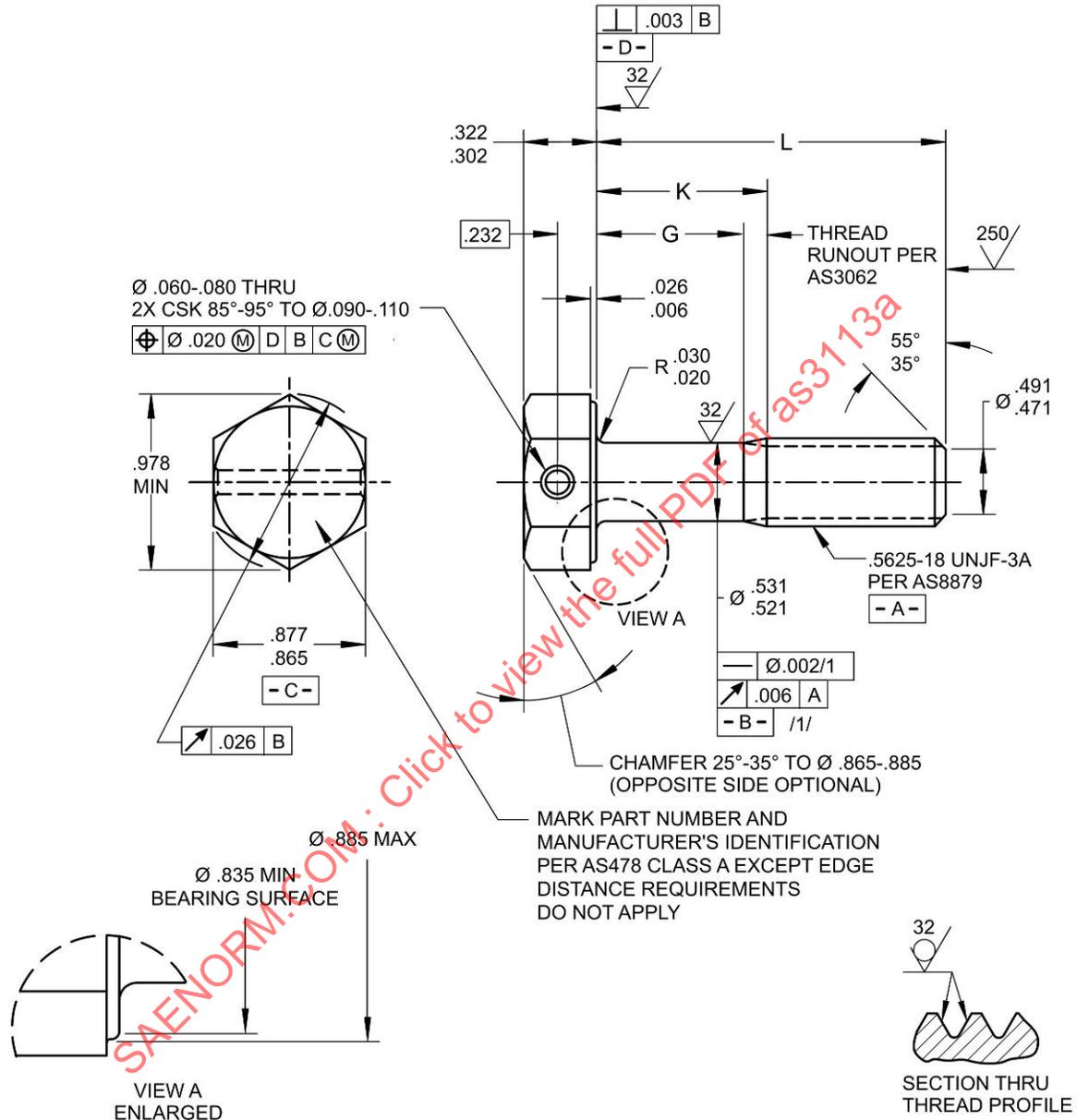
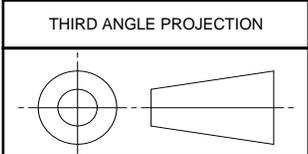


FIGURE 1 - BOLT

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CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: AS7477	
	AEROSPACE STANDARD		AS3113 SHEET 1 OF 3
	(R) BOLT, MACHINE - HEXAGON HEAD, DRILLED 1 HOLE, PD SHANK, CRES AMS5731 (UNS S66286), .5625-18 UNJF-3A		

ISSUED 1979-07 REAFFIRMED 2012-11 REVISED 2014-11

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

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3113-15	1.552-1.572	.030	.188	15.27
AS3113-16	1.615-1.635	.079	.250	15.66
AS3113-17	1.678-1.698	.142	.312	16.05
AS3113-18	1.740-1.760	.204	.375	16.44
AS3113-19	1.802-1.822	.266	.438	16.83
AS3113-20	1.865-1.885	.329	.500	17.22
AS3113-21	1.928-1.948	.392	.562	17.61
AS3113-22	1.990-2.010	.454	.625	18.00
AS3113-23	2.115-2.135	.579	.750	18.78
AS3113-24	2.240-2.260	.704	.875	19.55
AS3113-25	2.365-2.385	.829	1.000	20.33
AS3113-26	2.490-2.510	.954	1.125	21.11
AS3113-27	2.615-2.635	1.079	1.250	21.89
AS3113-28	2.740-2.760	1.204	1.375	22.67
AS3113-29	2.865-2.885	1.329	1.500	23.45
AS3113-30	2.990-3.010	1.454	1.625	24.23
AS3113-31	3.115-3.135	1.579	1.750	25.01
AS3113-32	3.240-3.260	1.704	1.875	25.79
AS3113-33	3.365-3.385	1.829	2.000	26.57
AS3113-34	3.490-3.510	1.954	2.125	27.35
AS3113-35	3.615-3.635	2.079	2.250	28.13
AS3113-36	3.740-3.760	2.204	2.375	28.91
AS3113-37	3.865-3.885	2.329	2.500	29.69
AS3113-38	3.990-4.010	2.454	2.625	30.47
AS3113-39	4.115-4.135	2.579	2.750	31.25
AS3113-40	4.240-4.260	2.704	2.875	32.03
AS3113-41	4.365-4.385	2.829	3.000	32.81
AS3113-42	4.490-4.510	2.954	3.125	33.59
AS3113-43	4.615-4.635	3.079	3.250	34.37
AS3113-44	4.740-4.760	3.204	3.375	35.15
AS3113-45	4.865-4.885	3.329	3.500	35.93
AS3113-46	4.990-5.010	3.454	3.625	36.71
AS3113-47	5.115-5.135	3.579	3.750	37.49
AS3113-48	5.240-5.260	3.704	3.875	38.27
AS3113-49	5.365-5.385	3.829	4.000	39.05
AS3113-50	5.490-5.510	3.954	4.125	39.83
AS3113-51	5.615-5.635	4.079	4.250	40.61
AS3113-52	5.740-5.760	4.204	4.375	41.39
AS3113-53	5.865-5.885	4.329	4.500	42.17
AS3113-54	5.990-6.010	4.454	4.625	42.95

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