

RATIONALE

DOCUMENT COMPLETELY REVISED THREAD SPEC CALLOUT CORRECTED AND DOCUMENT BROUGHT UP TO DATE.

REV.  
A

AS3119

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user." SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

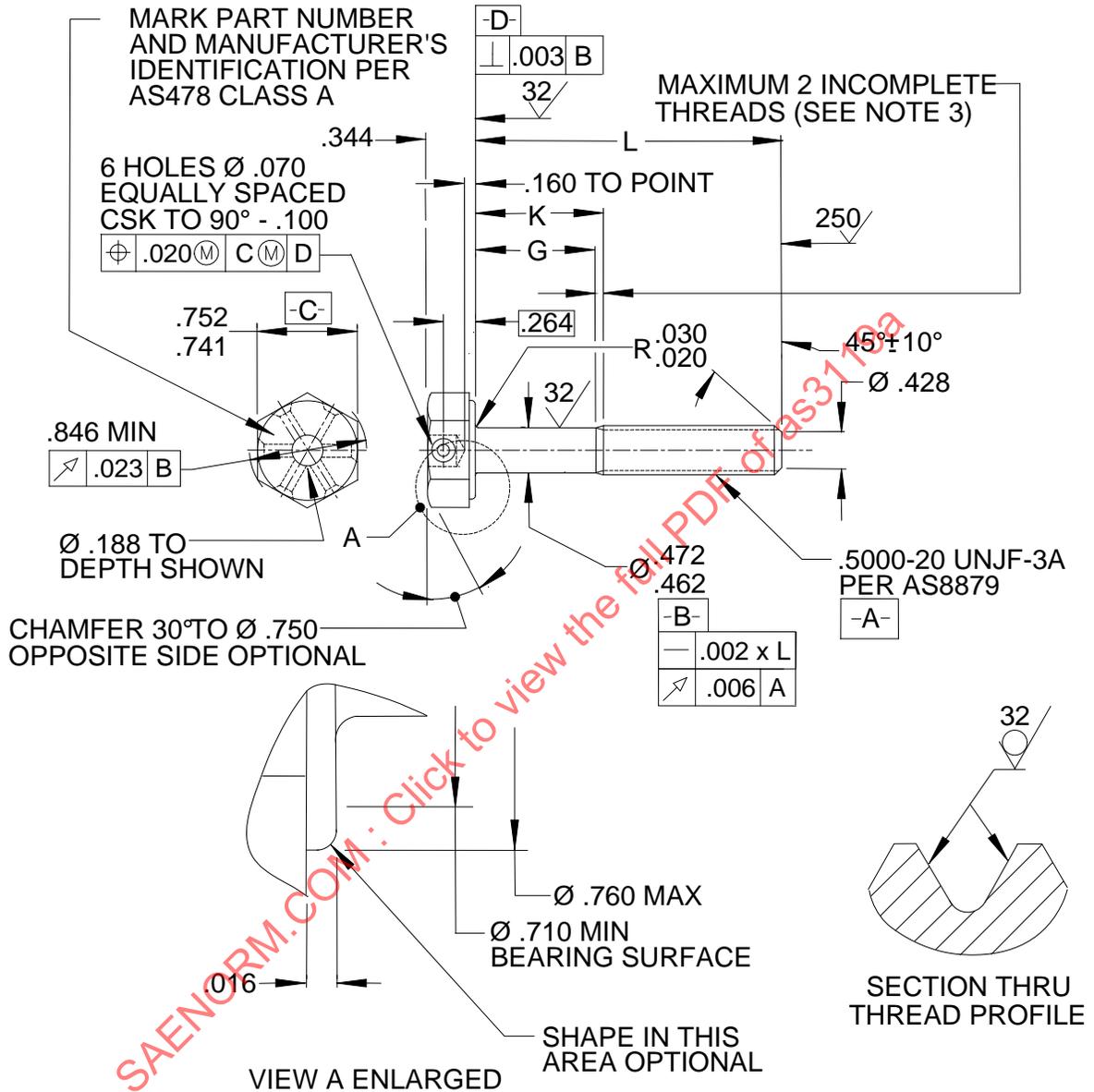
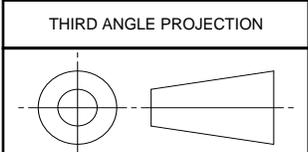


FIGURE 1

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3119A>



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



**AEROSPACE STANDARD**

(R) BOLT, MACHINE - HEXAGON HEAD, DRILLED 6 HOLES, PD SHANK, CRES AMS5731, .5000-20 UNJF-3A

AS3119  
SHEET 1 OF 3

REV.  
A

TABLE 1 - DIMENSIONS

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3119 -14	1.438	.030	.188	11.39
AS3119 -15	1.500	.090	.250	11.70
AS3119 -16	1.562	.152	.312	12.01
AS3119 -17	1.625	.215	.375	12.32
AS3119 -18	1.688	.278	.438	12.62
AS3119 -19	1.750	.340	.500	12.93
AS3119 -20	1.812	.402	.562	13.24
AS3119 -21	1.875	.465	.625	13.55
AS3119 -22	1.938	.528	.688	13.85
AS3119 -23	2.000	.590	.750	14.16
AS3119 -24	2.125	.715	.875	14.77
AS3119 -25	2.250	.840	1.000	15.39
AS3119 -26	2.375	.965	1.125	16.00
AS3119 -27	2.500	1.090	1.250	16.62
AS3119 -28	2.625	1.215	1.375	17.23
AS3119 -29	2.750	1.340	1.500	17.85
AS3119 -30	2.875	1.465	1.625	18.46
AS3119 -31	3.000	1.590	1.750	19.08
AS3119 -32	3.125	1.715	1.875	19.69
AS3119 -33	3.250	1.840	2.000	20.30
AS3119 -34	3.375	1.965	2.125	20.92
AS3119 -35	3.500	2.090	2.250	21.53
AS3119 -36	3.625	2.215	2.375	22.15
AS3119 -37	3.750	2.340	2.500	22.76
AS3119 -38	3.875	2.465	2.625	23.38
AS3119 -39	4.000	2.590	2.750	23.99
AS3119 -40	4.125	2.715	2.875	24.61
AS3119 -41	4.250	2.840	3.000	25.22
AS3119 -42	4.375	2.965	3.125	25.83
AS3119 -43	4.500	3.090	3.250	26.45
AS3119 -44	4.625	3.215	3.375	27.06
AS3119 -45	4.750	3.340	3.500	27.68
AS3119 -46	4.875	3.465	3.625	28.29
AS3119 -47	5.000	3.590	3.750	28.91
AS3119 -48	5.125	3.715	3.875	29.52
AS3119 -49	5.250	3.840	4.000	30.14
AS3119 -50	5.375	3.965	4.125	30.75
AS3119 -51	5.500	4.090	4.250	31.37
AS3119 -52	5.625	4.215	4.375	31.98
AS3119 -53	5.750	4.340	4.500	32.60
AS3119 -54	5.875	4.465	4.625	33.21
AS3119 -55	6.000	4.590	4.750	33.83

FOR SHORT BOLTS THREADED TO HEAD SEE AS9588.

	<b>AEROSPACE STANDARD</b>	<b>AS3119</b> SHEET 2 OF 3	<b>REV.</b> <b>A</b>
	(R) BOLT, MACHINE - HEXAGON HEAD, DRILLED 6 HOLES, PD SHANK, CRES AMS5731, .5000-20 UNJF-3A		