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REV.
B

AS3103™

FEDERAL SUPPLY CLASS
5306

RATIONALE

CORRECT SURFACE FINISH IN NOTE 5 (REVISE 32 TO 125). UPDATE TO ASME Y14.5-2018. REVISE DATUM DESIGNATION LETTERS. ADD SURFACE TEXTURE REQUIREMENT TO FIGURE 1. REVISE HEAD TO SHANK FILLET TO CR. ADD RUNOUT REQUIREMENT TO BEARING FACE. GENERAL EDITORIAL REVISIONS.

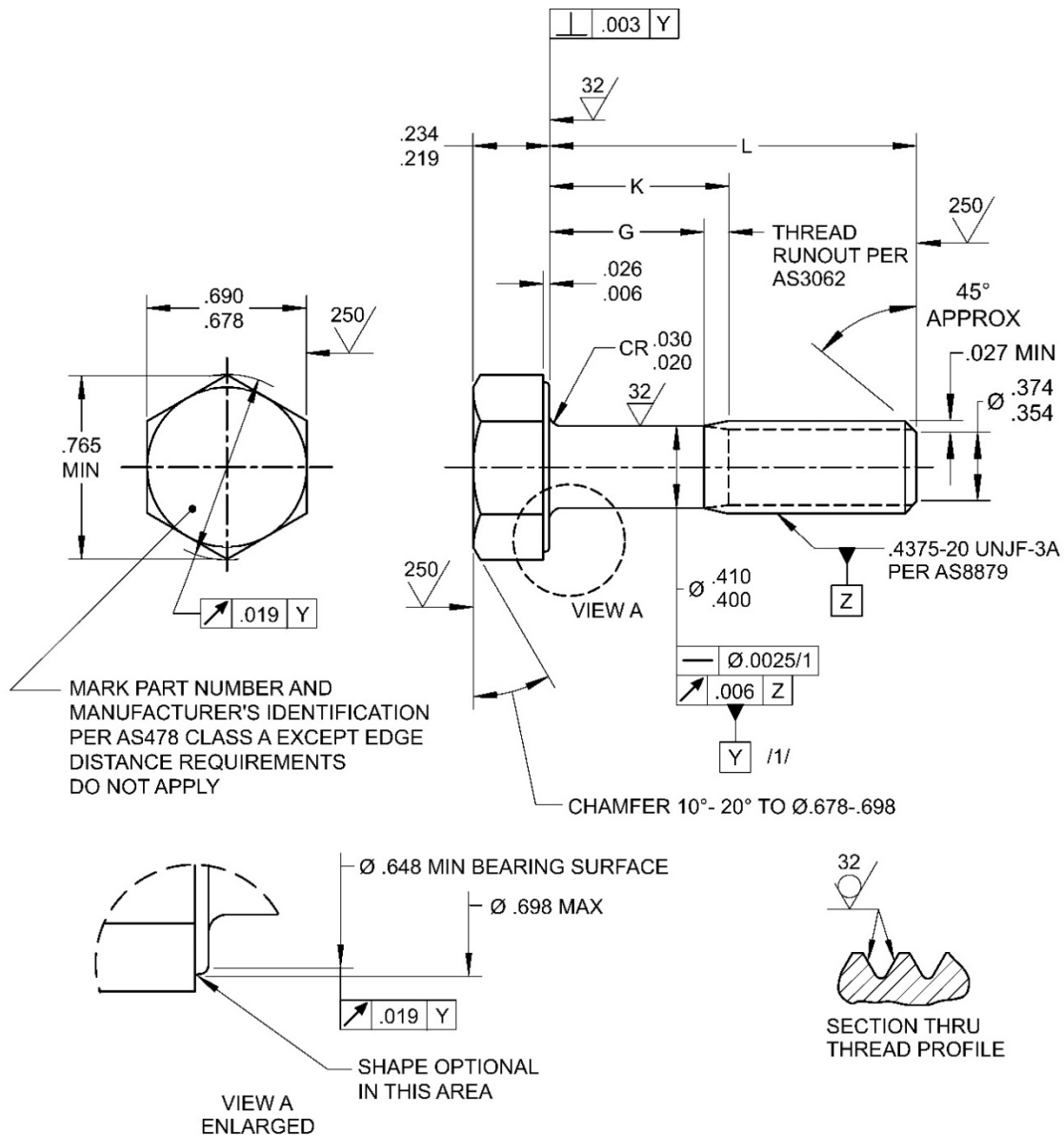


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3103B>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, PD SHANK,
CORROSION AND HEAT RESISTANT STEEL,
UNS S66286, .4375-20 UNJF-3A

AS3103™
SHEET 1 OF 3

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TABLE 1 - PART NUMBERS AND DIMENSIONS (REFER TO MS9493 FOR SHORTER LENGTHS)

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3103-14	1.302-1.322	.030	.188	7.34
AS3103-15	1.365-1.385	.090	.250	7.57
AS3103-16	1.428-1.448	.153	.312	7.80
AS3103-17	1.490-1.510	.215	.375	8.03
AS3103-18	1.552-1.572	.277	.438	8.26
AS3103-19	1.615-1.635	.340	.500	8.49
AS3103-20	1.678-1.698	.403	.562	8.72
AS3103-21	1.740-1.760	.465	.625	8.95
AS3103-22	1.802-1.822	.527	.688	9.18
AS3103-23	1.865-1.885	.590	.750	9.41
AS3103-24	1.928-1.948	.653	.812	9.65
AS3103-25	1.990-2.010	.715	.875	9.88
AS3103-26	2.115-2.135	.840	1.000	10.34
AS3103-27	2.240-2.260	.965	1.125	10.80
AS3103-28	2.365-2.385	1.090	1.250	11.26
AS3103-29	2.490-2.510	1.215	1.375	11.73
AS3103-30	2.615-2.635	1.340	1.500	12.19
AS3103-31	2.740-2.760	1.465	1.625	12.65
AS3103-32	2.865-2.885	1.590	1.750	13.11
AS3103-33	2.990-3.010	1.715	1.875	13.57
AS3103-34	3.115-3.135	1.840	2.000	14.04
AS3103-35	3.240-3.260	1.965	2.125	14.50
AS3103-36	3.365-3.385	2.090	2.250	14.96
AS3103-37	3.490-3.510	2.215	2.375	15.42
AS3103-38	3.615-3.635	2.340	2.500	15.88
AS3103-39	3.740-3.760	2.465	2.625	16.35
AS3103-40	3.865-3.885	2.590	2.750	16.81
AS3103-41	3.990-4.010	2.715	2.875	17.27
AS3103-42	4.115-4.135	2.840	3.000	17.73
AS3103-43	4.240-4.260	2.965	3.125	18.20
AS3103-44	4.365-4.385	3.090	3.250	18.66
AS3103-45	4.490-4.510	3.215	3.375	19.12
AS3103-46	4.615-4.635	3.340	3.500	19.58
AS3103-47	4.740-4.760	3.465	3.625	20.04
AS3103-48	4.865-4.885	3.590	3.750	20.51
AS3103-49	4.990-4.510	3.715	3.875	20.97
AS3103-50	5.115-5.135	3.840	4.000	21.43
AS3103-51	5.240-5.260	3.965	4.125	21.89
AS3103-52	5.365-5.385	4.090	4.250	22.36
AS3103-53	5.490-5.510	4.215	4.375	22.82
AS3103-54	5.615-5.635	4.340	4.500	23.28
AS3103-55	5.740-5.760	4.465	4.625	23.74
AS3103-56	5.865-5.885	4.590	4.750	24.21
AS3103-57	5.990-6.010	4.715	4.875	24.67