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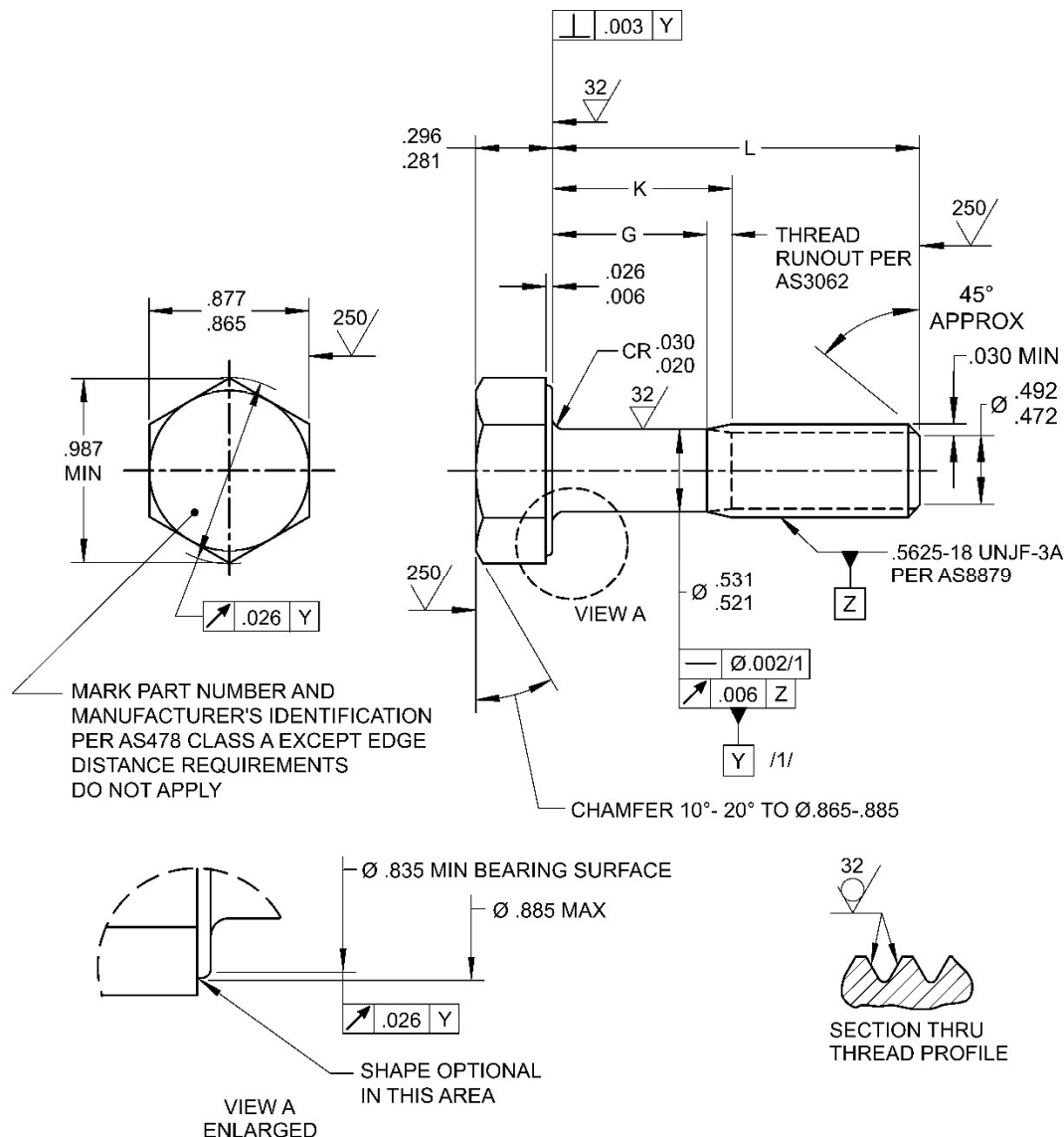
REV.
B

AS3105™

RATIONALE

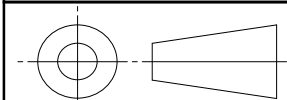
FEDERAL SUPPLY CLASS
5306

CORRECT SURFACE FINISH IN NOTE 5 (REVISE 32 TO 125). UPDATE TO ASME Y14.5-2018. REVISE STRAIGHTNESS FCF TO AS1132. ADD RUNOUT REQUIREMENT TO BEARING FACE. REVISE DATUM LETTER DESIGNATIONS. GENERAL EDITORIAL REVISIONS.



For more information on this standard, visit
<https://www.sae.org/standards/content/AS3105B/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD, PD SHANK,
CORROSION AND HEAT RESISTANT STEEL,
UNS S66286, .5625-18 UNFJ-3A

AS3105™
SHEET 1 OF 3

REV.
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Documents

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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
AS3105-15	1.552-1.572	.030	.188	14.92
AS3105-16	1.615-1.635	.079	.250	15.31
AS3105-17	1.678-1.698	.142	.312	15.70
AS3105-18	1.740-1.760	.204	.375	16.09
AS3105-19	1.802-1.822	.266	.438	16.48
AS3105-20	1.865-1.885	.329	.500	16.87
AS3105-21	1.928-1.948	.392	.562	17.26
AS3105-22	1.990-2.010	.454	.625	17.65
AS3105-23	2.115-2.135	.579	.750	18.43
AS3105-24	2.240-2.260	.704	.875	19.21
AS3105-25	2.365-2.385	.829	1.000	19.99
AS3105-26	2.490-2.510	.954	1.125	20.77
AS3105-27	2.615-2.635	1.079	1.250	21.55
AS3105-28	2.740-2.760	1.204	1.375	22.33
AS3105-29	2.865-2.885	1.329	1.500	23.11
AS3105-30	2.990-3.010	1.454	1.625	23.89
AS3105-31	3.115-3.135	1.579	1.750	24.66
AS3105-32	3.240-3.260	1.704	1.875	25.44
AS3105-33	3.365-3.385	1.829	2.000	26.22
AS3105-34	3.490-3.510	1.954	2.125	27.00
AS3105-35	3.615-3.635	2.079	2.250	27.78
AS3105-36	3.740-3.760	2.204	2.375	28.56
AS3105-37	3.865-3.885	2.329	2.500	29.34
AS3105-38	3.990-4.010	2.454	2.625	30.12
AS3105-39	4.115-4.135	2.579	2.750	30.90
AS3105-40	4.240-4.260	2.704	2.875	31.68
AS3105-41	4.365-4.385	2.829	3.000	32.46
AS3105-42	4.490-4.510	2.954	3.125	33.24
AS3105-43	4.615-4.635	3.079	3.250	34.02
AS3105-44	4.740-4.760	3.204	3.375	34.80
AS3105-45	4.865-4.885	3.329	3.500	35.58
AS3105-46	4.990-4.510	3.454	3.625	36.36
AS3105-47	5.115-5.135	3.579	3.750	37.14
AS3105-48	5.240-5.260	3.704	3.875	37.92
AS3105-49	5.365-5.385	3.829	4.000	38.70
AS3105-50	5.490-5.510	3.954	4.125	39.48
AS3105-51	5.615-5.635	4.079	4.250	40.26
AS3105-52	5.740-5.760	4.204	4.375	41.04
AS3105-53	5.865-5.885	4.329	4.500	41.82
AS3105-54	5.990-6.010	4.454	4.625	42.60