

REV.
C

AS3309™

FEDERAL SUPPLY CLASS
5306

RATIONALE

REVISE LEAD THREAD CHAMFER TO AS1132, UPDATE TO ASME Y14.5-2018, CORRECT ERRORS IN DATUM DESIGNATIONS, REVISE ACROSS POINTS AND ACROSS FLATS TO AS1132, ADD RUNOUT RQMT FOR BEARING FACE DIA PER AS1132, ADD SURFACE TEXTURE REQUIREMENTS, GENERAL EDITORIAL UPDATES AND CORRECTIONS.

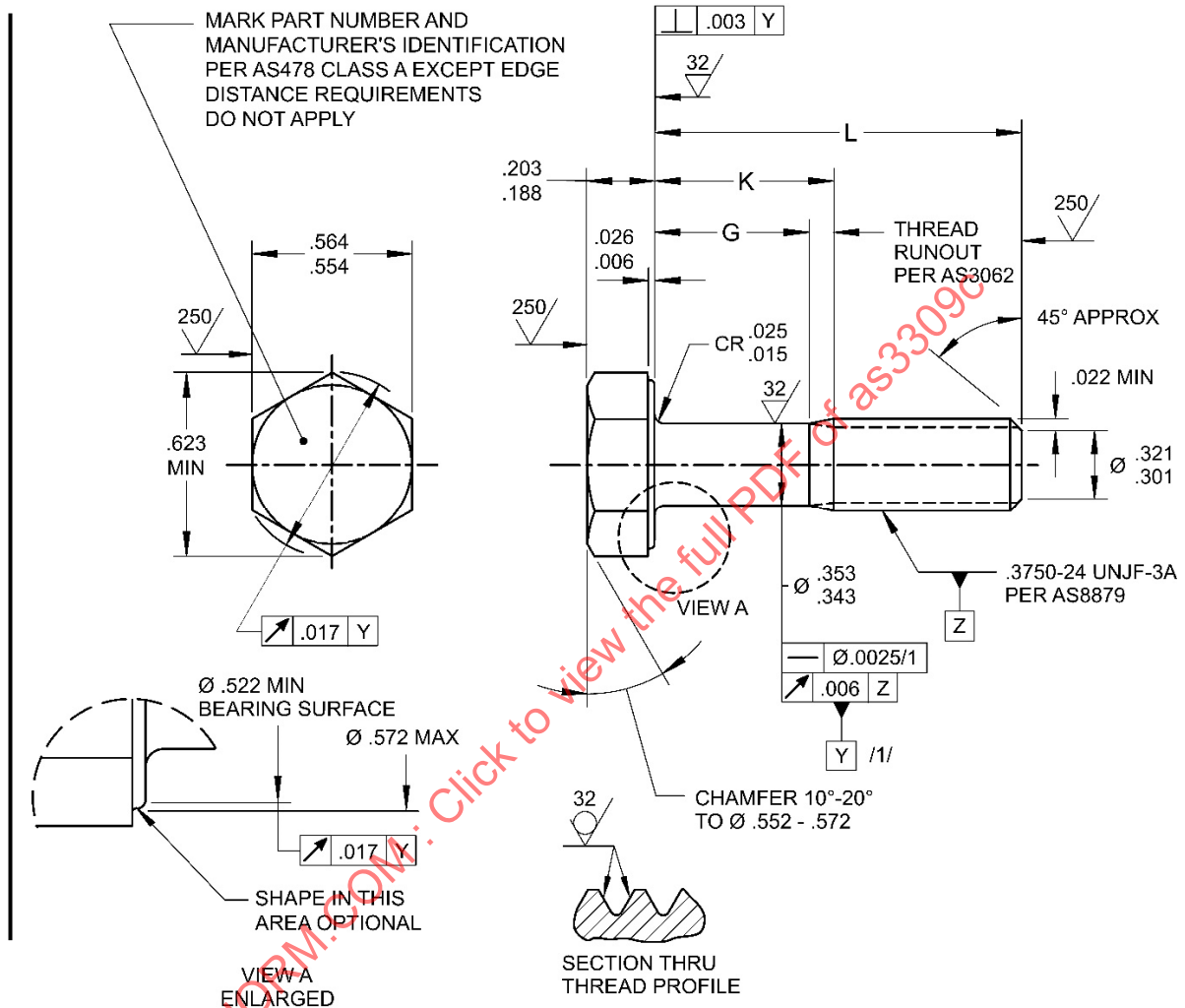
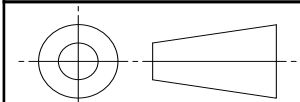


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3309C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7471



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD,
PD SHANK, NICKEL ALLOY (UNS N07001),
.3750-24 UNJF-3A

AS3309™
SHEET 1 OF 3

REV.
C

TABLE 1 - PART NUMBERS, DIMENSIONS, AND APPROX MASS

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3309-03	.552- .572	.025	.108	3.05
AS3309-04	.615- .635	.025	.108	3.23
AS3309-05	.678- .698	.025	.108	3.40
AS3309-06	.740- .760	.025	.108	3.58
AS3309-07	.802- .822	.025	.108	3.76
AS3309-08	.865- .885	.025	.108	3.93
AS3309-09	.928- .948	.025	.108	4.11
AS3309-10	.990-1.010	.025	.108	4.28
AS3309-11	1.052-1.072	.025	.108	4.46
AS3308-12	1.115-1.135	.025	.125	4.64
AS3309-13	1.178-1.198	.045	.188	4.81
AS3309-14	1.240-1.260	.107	.250	4.99
AS3309-15	1.302-1.322	.169	.312	5.17
AS3309-16	1.365-1.385	.232	.375	5.35
AS3309-17	1.428-1.448	.295	.438	5.53
AS3309-18	1.490-1.510	.357	.500	5.70
AS3309-19	1.552-1.572	.419	.562	5.88
AS3309-20	1.615-1.635	.482	.625	6.05
AS3309-21	1.678-1.698	.545	.688	6.23
AS3309-22	1.740-1.760	.607	.750	6.41
AS3309-23	1.802-1.822	.669	.812	6.58
AS3309-24	1.865-1.885	.732	.875	6.76
AS3309-25	1.928-1.948	.795	.938	6.93
AS3309-26	1.990-2.010	.857	1.000	7.11
AS3309-27	2.115-2.135	.982	1.125	7.46
AS3309-28	2.240-2.260	1.107	1.250	7.81
AS3309-29	2.365-2.385	1.232	1.375	8.18
AS3309-30	2.490-2.510	1.357	1.500	8.53
AS3309-31	2.615-2.635	1.482	1.625	8.88
AS3309-32	2.740-2.760	1.607	1.750	9.23
AS3309-33	2.865-2.885	1.732	1.875	9.58
AS3309-34	2.990-3.010	1.857	2.000	9.94
AS3309-35	3.115-3.135	1.982	2.125	10.29
AS3309-36	3.240-3.260	2.107	2.250	10.64
AS3309-37	3.365-3.385	2.232	2.375	11.00
AS3309-38	3.490-3.510	2.357	2.500	11.35
AS3309-39	3.615-3.635	2.482	2.625	11.70
AS3309-40	3.740-3.760	2.607	2.750	12.06
AS3309-41	3.865-3.885	2.732	2.875	12.41
AS3309-42	3.990-4.010	2.857	3.000	12.76
AS3309-43	4.115-4.135	2.982	3.125	13.11
AS3309-44	4.240-4.260	3.107	3.250	13.46
AS3309-45	4.365-4.385	3.232	3.375	13.83
AS3309-46	4.490-4.510	3.357	3.500	14.18
AS3309-47	4.615-4.635	3.482	3.625	14.53
AS3309-48	4.740-4.760	3.607	3.750	14.88
AS3309-49	4.865-4.885	3.732	3.875	15.23
AS3309-50	4.990-5.010	3.857	4.000	15.59
AS3309-51	5.115-5.135	3.982	4.125	15.94
AS3309-52	5.240-5.260	4.107	4.250	16.29
AS3309-53	5.365-5.385	4.232	4.375	16.65
AS3309-54	5.490-5.510	4.357	4.500	17.00
AS3309-55	5.615-5.635	4.482	4.625	17.36
AS3309-56	5.740-5.760	4.607	4.750	17.71
AS3309-57	5.865-5.885	4.732	4.875	18.06
AS3309-58	5.990-6.010	4.857	5.000	18.41



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