

REV.
F

AS3239™

RATIONALE

UPDATE TO ASME Y14.5-2018, REVISE LEAD THREAD CHAMFER TO AS1132, REVISE LIGHTENING HOLE CONFIGURATION TO AS1132, REVISE FILLET RADIUS TO CR, ADD "COMPOSITION SIMILAR TO" TO NOTE 2.

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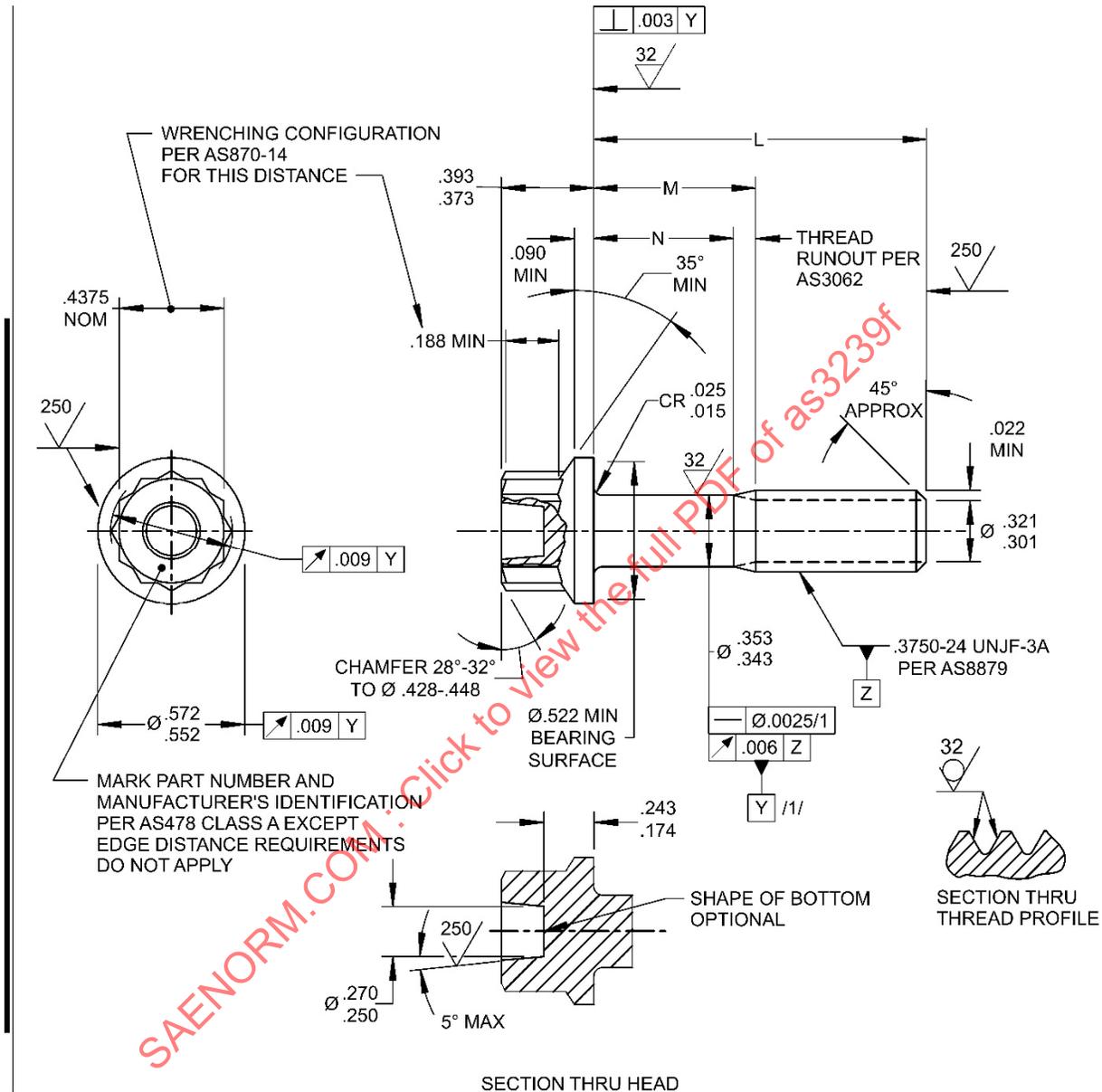
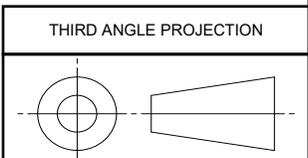


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3239F/>



CUSTODIAN: E-25 PROCUREMENT SPECIFICATION: AS7466

	AEROSPACE STANDARD	AS3239™ SHEET 1 OF 3	REV. F
	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, PD SHANK, NICKEL ALLOY UNS N07718, 185 KSI MIN, .3750-24 UNJF-3A		

ISSUED 1980-07 REAFFIRMED 2007-06 REVISED 2022-09

TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NO.	L	N MIN	M MAX	APPROX MASS LB/100	PART NO.	L	N MIN	M MAX	APPROX MASS LB/100
AS3239-03	.552-.572	.025	.108	3.06	AS3239-33	2.865-2.885	1.732	1.875	9.61
AS3239-04	.615-.635	.025	.108	3.24	AS3239-34	2.990-3.010	1.857	2.000	9.97
AS3239-05	.678-.698	.025	.108	3.42	AS3239-35	3.115-3.135	1.982	2.125	10.32
AS3239-06	.740-.760	.025	.108	3.59	AS3239-36	3.240-3.260	2.107	2.250	10.67
AS3239-07	.802-.822	.025	.108	3.77	AS3239-37	3.365-3.385	2.232	2.375	11.03
AS3239-08	.865-.885	.025	.108	3.94	AS3239-38	3.490-3.510	2.357	2.500	11.39
AS3239-09	.928-.948	.025	.108	4.12	AS3239-39	3.615-3.635	2.482	2.625	11.74
AS3239-10	.990-1.010	.025	.108	4.30	AS3239-40	3.740-3.760	2.607	2.750	12.09
AS3239-11	1.052-1.072	.025	.108	4.47	AS3239-41	3.865-3.885	2.732	2.875	12.45
AS3239-12	1.115-1.135	.025	.125	4.65	AS3239-42	3.990-4.010	2.857	3.000	12.80
AS3239-13	1.178-1.198	.045	.188	4.83	AS3239-43	4.115-4.135	2.982	3.125	13.15
AS3239-14	1.240-1.260	.107	.250	5.00	AS3239-44	4.240-4.260	3.107	3.250	13.50
AS3239-15	1.302-1.322	.169	.312	5.19	AS3239-45	4.365-4.385	3.232	3.375	14.87
AS3239-16	1.365-1.385	.232	.375	5.37	AS3239-46	4.490-4.510	3.357	3.500	14.22
AS3239-17	1.428-1.448	.295	.438	5.54	AS3239-47	4.615-4.635	3.482	3.625	14.57
AS3239-18	1.490-1.510	.357	.500	5.72	AS3239-48	4.740-4.760	3.607	3.750	14.93
AS3239-19	1.552-1.572	.419	.562	5.90	AS3239-49	4.865-4.885	3.732	3.875	15.28
AS3239-20	1.615-1.635	.482	.625	6.07	AS3239-50	4.990-5.010	3.857	4.000	15.63
AS3239-21	1.678-1.698	.545	.688	6.25	AS3239-51	5.115-5.135	3.982	4.125	15.99
AS3239-22	1.740-1.760	.607	.750	6.43	AS3239-52	5.240-5.260	4.107	4.250	16.34
AS3239-23	1.802-1.822	.669	.812	6.60	AS3239-53	5.365-5.385	4.232	4.375	16.70
AS3239-24	1.865-1.885	.732	.875	6.78	AS3239-54	5.490-5.510	4.357	4.500	17.05
AS3239-25	1.928-1.948	.795	.938	6.96	AS3239-55	5.615-5.635	4.482	4.625	17.39
AS3239-26	1.990-2.010	.857	1.000	7.13	AS3239-56	5.740-5.760	4.607	4.750	17.73
AS3239-27	2.115-2.135	.982	1.125	7.48	AS3239-57	5.865-5.885	4.732	4.875	18.07
AS3239-28	2.240-2.260	1.107	1.250	7.84	AS3239-58	5.990-6.010	4.857	5.000	18.41
AS3239-29	2.365-2.385	1.232	1.375	8.20					
AS3239-30	2.490-2.510	1.357	1.500	8.55					
AS3239-31	2.615-2.635	1.482	1.625	8.91					
AS3239-32	2.740-2.760	1.607	1.750	9.26					

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