

REV.
C

SAE AS3239

RATIONALE

FEDERAL SUPPLY CLASS
5306

REVISE WRENCHING ELEMENT RUNOUT CALLOUT (RELOCATE FROM WRENCH FLATS TO POINTS). REVISE THREAD SPECIFICATION TO AS8879. REVISE LIGHTENING HOLE CONFIGURATION (ADD VIEW A) TO ALLOW OPTIONAL SHAPE AT BOTTOM OF HOLE.

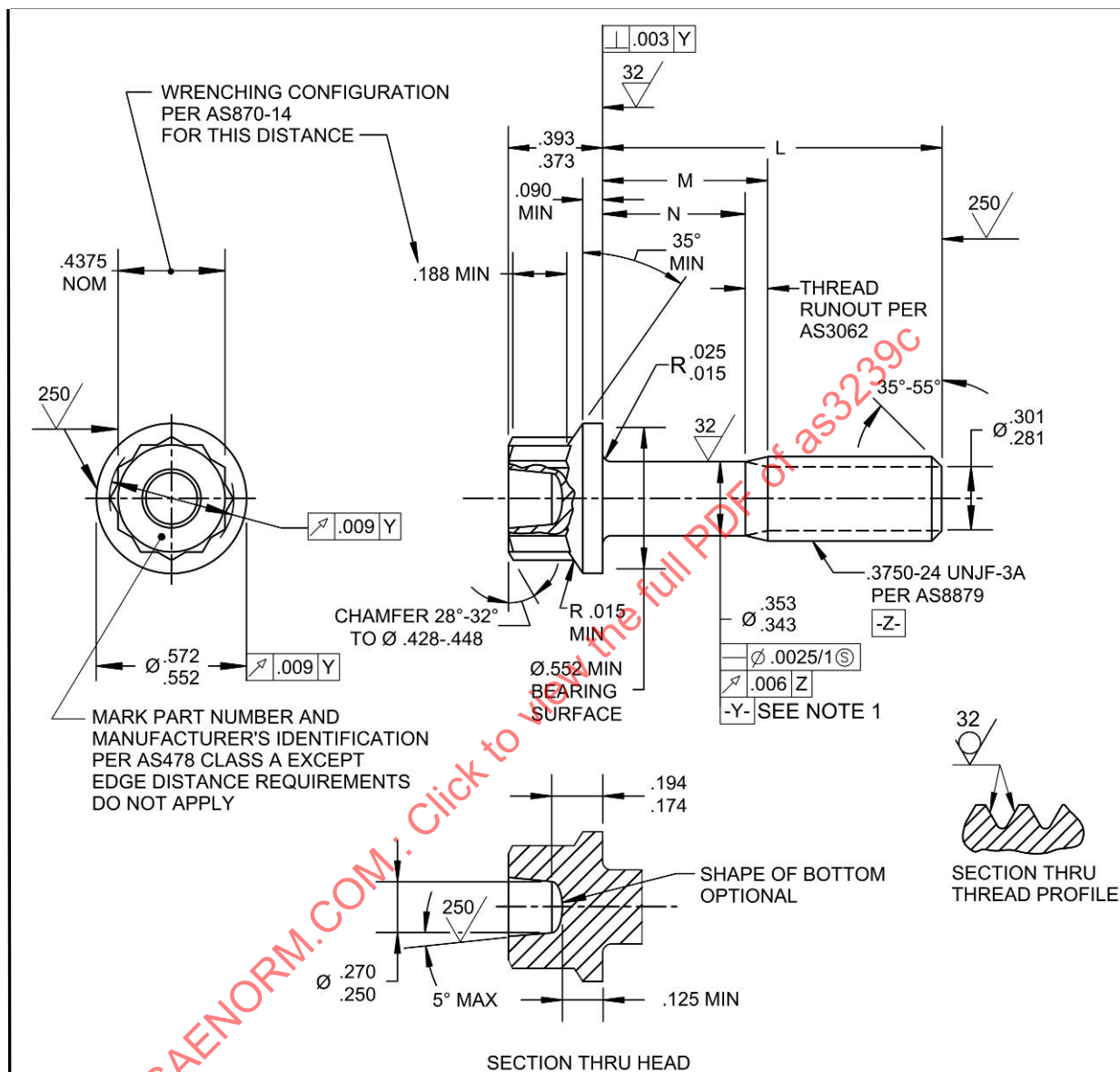
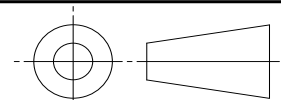


FIGURE 1 – BOLT

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3239C>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7466

SAE Aerospace
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AEROSPACE STANDARD

BOLT, MACHINE – DOUBLE HEXAGON EXTENDED
WASHER HEAD, PD SHANK, NICKEL ALLOY
UNS N07718, 185 KSI MIN, .3750-24 UNJF-3A

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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					