FEDERAL SUPPLY CLASS
5306

RATIONALE

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.

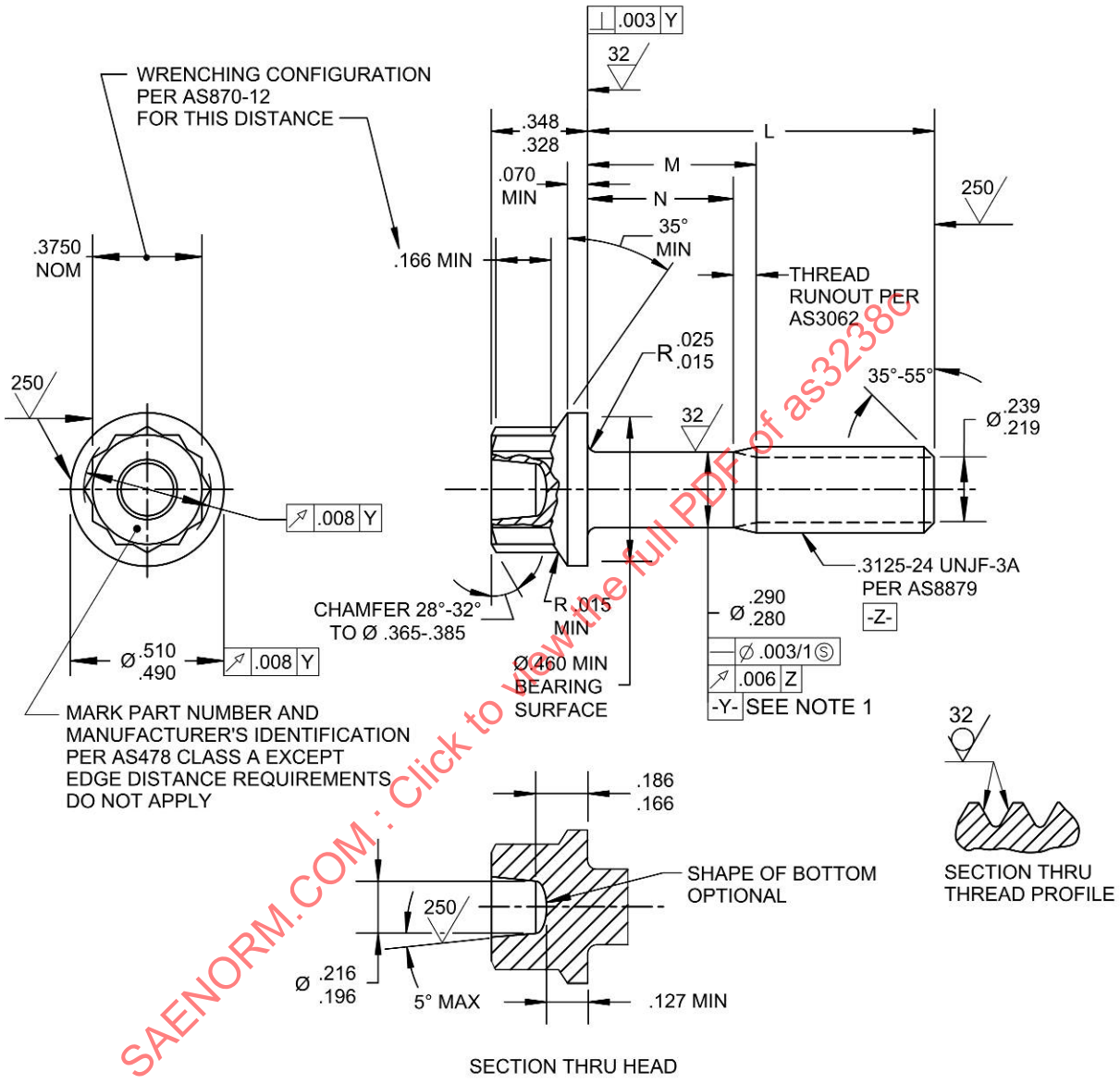
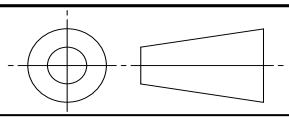


FIGURE 1 – BOLT

SAE values your input. To provide feedback on this Technical Report, please visit
http://www.sae.org/technical/standards/AS3238C

THIRD ANGLE PROJECTION



ISSUED 1980-07 REAFFIRMED 2007-06 REVISED 2011-12

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, .3125-24 UNJF-3A

TABLE 1 – PART NUMBERS AND DIMENSIONS

PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100
AS3238-04	.490-.510	.025	.108	1.91
AS3238-05	.552-.572	.025	.108	2.03
AS3238-06	.615-.635	.025	.108	2.15
AS3238-07	.678-.698	.025	.108	2.26
AS3238-08	.740-.760	.025	.108	2.39
AS3238-09	.802-.822	.025	.108	2.50
AS3238-10	.865-.885	.025	.108	2.63
AS3238-11	.928-.948	.025	.108	2.74
AS3238-12	.990-1.010	.025	.125	2.87
AS3238-13	1.052-1.072	.044	.188	2.98
AS3238-14	1.115-1.135	.107	.250	3.09
AS3238-15	1.178-1.198	.170	.312	3.22
AS3238-16	1.240-1.260	.232	.375	3.33
AS3238-17	1.302-1.322	.294	.438	3.46
AS3238-18	1.365-1.385	.357	.500	3.57
AS3238-19	1.428-1.448	.420	.562	3.70
AS3238-20	1.490-1.510	.482	.625	3.81
AS3238-21	1.552-1.572	.544	.688	3.93
AS3238-22	1.615-1.635	.607	.750	4.05
AS3238-23	1.678-1.698	.670	.812	4.16
AS3238-24	1.740-1.760	.732	.875	4.29
AS3238-25	1.802-1.822	.794	.938	4.40
AS3238-26	1.865-1.885	.857	1.000	4.53
AS3238-27	1.928-1.948	.920	1.062	4.64
AS3238-28	1.990-2.010	.982	1.125	4.76
AS3238-29	2.115-2.135	1.107	1.250	5.00
AS3238-30	2.240-2.260	1.232	1.375	5.23
AS3238-31	2.365-2.385	1.357	1.500	5.47
AS3238-32	2.490-2.510	1.482	1.625	5.71
AS3238-33	2.615-2.635	1.607	1.750	5.95

PART NO.	L	N MIN	M MAX	APPROX. MASS LB/100.
AS3238-34	2.740-2.760	1.732	1.875	6.19
AS3238-35	2.865-2.885	1.857	2.000	6.43
AS3238-36	2.990-3.010	1.982	2.125	6.66
AS3238-37	3.115-3.135	2.107	2.250	6.90
AS3238-38	3.240-3.260	2.232	2.375	7.14
AS3238-39	3.365-3.385	2.357	2.500	7.37
AS3238-40	3.490-3.510	2.482	2.625	7.61
AS3238-41	3.615-3.635	2.607	2.750	7.85
AS3238-42	3.740-3.760	2.732	2.875	8.09
AS3238-43	3.865-3.885	2.857	3.000	8.33
AS3238-44	3.990-4.010	2.982	3.125	8.56
AS3238-45	4.115-4.135	3.107	3.250	8.80
AS3238-46	4.240-4.260	3.232	3.375	9.04
AS3238-47	4.365-4.385	3.357	3.500	9.28
AS3238-48	4.490-4.510	3.482	3.625	9.51
AS3238-49	4.615-4.635	3.607	3.750	9.75
AS3238-50	4.740-4.760	3.732	3.875	9.99
AS3238-51	4.865-4.885	3.857	4.000	10.22
AS3238-52	4.990-5.010	3.982	4.125	10.46
AS3238-53	5.115-5.135	4.107	4.250	10.70
AS3238-54	5.240-5.260	4.232	4.375	10.94
AS3238-55	5.365-5.385	4.357	4.500	11.18
AS3238-56	5.490-5.510	4.482	4.625	11.42
AS3238-57	5.615-5.635	4.607	4.750	11.66
AS3238-58	5.740-5.760	4.732	4.875	11.89
AS3238-59	5.865-5.885	4.857	5.000	12.13
AS3238-60	5.990-6.010	4.982	5.125	12.37