

RATIONALE

AS3244C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

REV.
C

AS3244™

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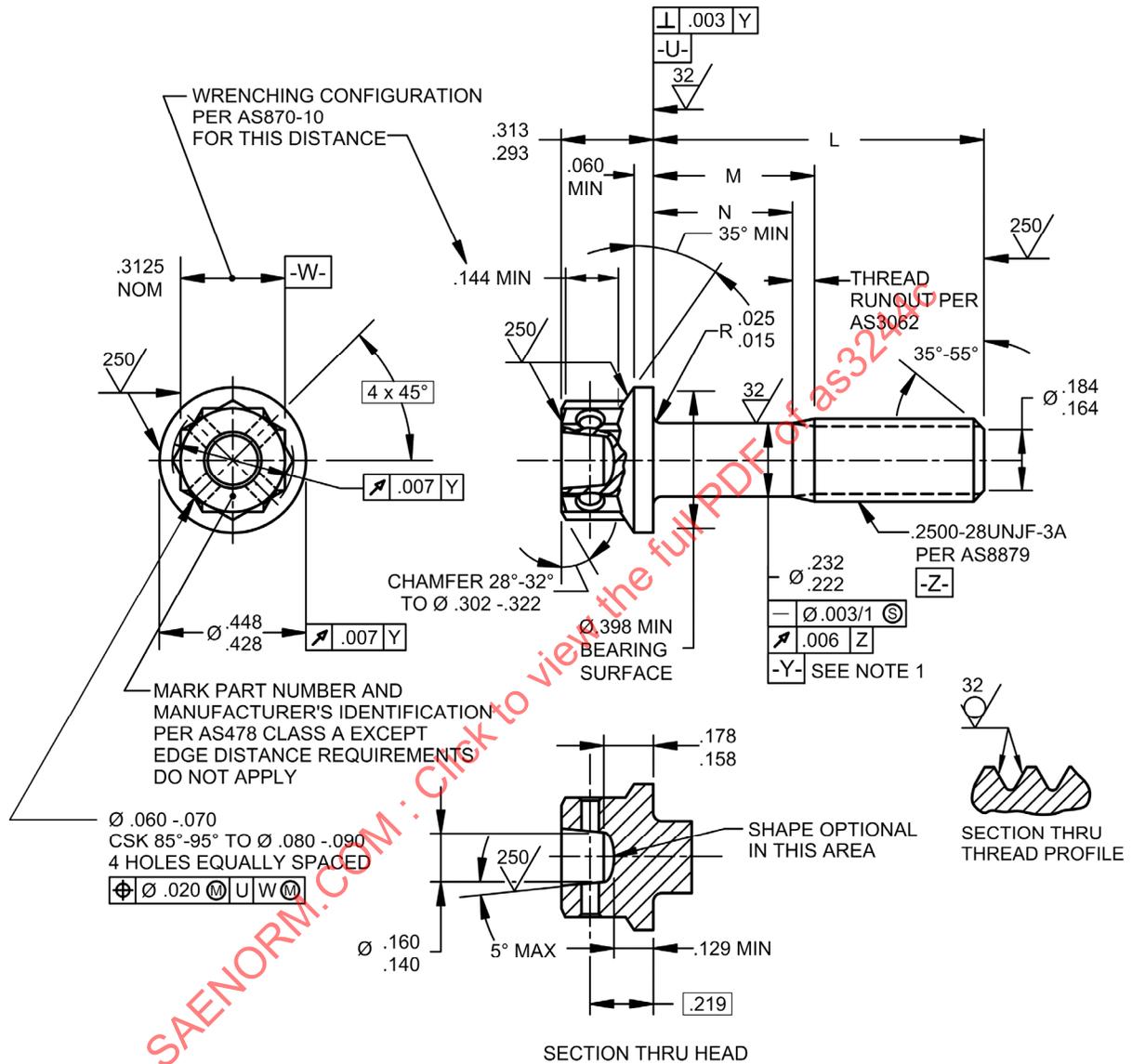
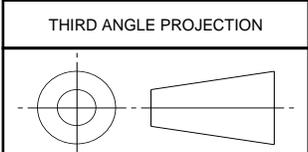


FIGURE 1 - BOLT

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7466



AEROSPACE STANDARD

(R) BOLT, MACHINE – DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, NICKEL ALLOY, UNS N07718, 185 KSI MIN UTS, .2500-28 UNJF-3A

AS3244™
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ISSUED 1980-07 REVISED 2012-08 REAFFIRMED 2017-04

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
AS3244-04	.365- .385	.025	.099	1.04	AS3244-34	2.490-2.510	1.619	1.750	3.60
AS3244-05	.428- .448	.025	.099	1.11	AS3244-35	2.615-2.635	1.744	1.875	3.75
AS3244-06	.490- .510	.025	.099	1.18	AS3244-36	2.740-2.760	1.869	2.000	3.90
AS3244-07	.552- .572	.025	.099	1.27	AS3244-37	2.865-2.885	1.994	2.125	4.05
AS3244-08	.615- .635	.025	.099	1.34	AS3244-38	2.990-3.010	2.119	2.250	4.20
AS3244-09	.678- .698	.025	.099	1.41	AS3244-39	3.115-3.135	2.244	2.375	4.35
AS3244-10	.740- .760	.025	.099	1.48	AS3244-40	3.240-3.260	2.369	2.500	4.51
AS3244-11	.802- .822	.025	.099	1.57	AS3244-41	3.365-3.385	2.494	2.625	4.65
AS3244-12	.865- .885	.025	.125	1.64	AS3244-42	3.490-3.510	2.619	2.750	4.81
AS3244-13	.928- .948	.057	.188	1.71	AS3244-43	3.615-3.635	2.744	2.875	4.95
AS3244-14	.990-1.010	.119	.250	1.80	AS3244-44	3.740-3.760	2.869	3.000	5.11
AS3244-15	1.052-1.072	.181	.312	1.87	AS3244-45	3.865-3.885	2.994	3.125	5.25
AS3244-16	1.115-1.135	.244	.375	1.94	AS3244-46	3.990-4.010	3.119	3.250	5.41
AS3244-17	1.178-1.198	.307	.438	2.01	AS3244-47	4.115-4.135	3.244	3.375	5.55
AS3244-18	1.240-1.260	.369	.500	2.11	AS3244-48	4.240-4.260	3.369	3.500	5.71
AS3244-19	1.302-1.322	.431	.562	2.17	AS3244-49	4.365-4.385	3.494	3.625	5.87
AS3244-20	1.365-1.385	.494	.625	2.24	AS3244-50	4.490-4.510	3.619	3.750	6.01
AS3244-21	1.428-1.448	.557	.688	2.32	AS3244-51	4.615-4.635	3.744	3.875	6.17
AS3244-22	1.490-1.510	.619	.750	2.40	AS3244-52	4.740-4.760	3.869	4.000	6.31
AS3244-23	1.552-1.572	.681	.812	2.47	AS3244-53	4.865-4.885	3.994	4.125	6.47
AS3244-24	1.615-1.635	.744	.875	2.54	AS3244-54	4.990-5.010	4.119	4.250	6.61
AS3244-25	1.678-1.698	.807	.938	2.62	AS3244-55	5.115-5.135	4.244	4.375	6.77
AS3244-26	1.740-1.760	.869	1.000	2.70	AS3244-56	5.240-5.260	4.369	4.500	6.91
AS3244-27	1.802-1.822	.931	1.062	2.77	AS3244-57	5.365-5.385	4.494	4.625	7.07
AS3244-28	1.865-1.885	.994	1.125	2.84	AS3244-58	5.490-5.510	4.619	4.750	7.21
AS3244-29	1.928-1.948	1.057	1.188	2.92	AS3244-59	5.615-5.635	4.744	4.875	7.37
AS3244-30	1.990-2.010	1.119	1.250	3.00	AS3244-60	5.740-5.760	4.869	5.000	7.52
AS3244-31	2.115-2.135	1.244	1.375	3.15	AS3244-61	5.865-5.885	4.994	5.125	7.67
AS3244-32	2.240-2.260	1.369	1.500	3.30	AS3244-62	5.990-6.010	5.119	5.250	7.82
AS3244-33	2.365-2.385	1.494	1.625	3.45					

NOTES:

- FOR PART NUMBERS AS3244-04 THRU AS3244-18 THE THREAD PD (DATUM -Z-) SHALL REPLACE DATUM -Y-.
- MATERIAL: CORROSION AND HEAT RESISTANT NICKEL ALLOY PER AMS5662 (UNS N07718).
- PROCUREMENT SPECIFICATION: AS7466.
- FLUORESCENT PENETRANT INSPECTION PER ASTM E 1417, TYPE 1, SENSITIVITY LEVEL 2.
- SURFACE TEXTURE: SYMBOLS ARE PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 µin Ra.
- BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES.
- DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).

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