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REV.
D

AS3246

RATIONALE

FEDERAL SUPPLY CLASS
5306

THIS IS A LIMITED SCOPE CHANGE. RESTORE DIMENSION FOR MINIMUM BEARING SURFACE IN FIGURE 1 TO PREVIOUS REVISION (CORRECTING A TYPOGRAPHICAL ERROR INTRODUCED IN REV. C).

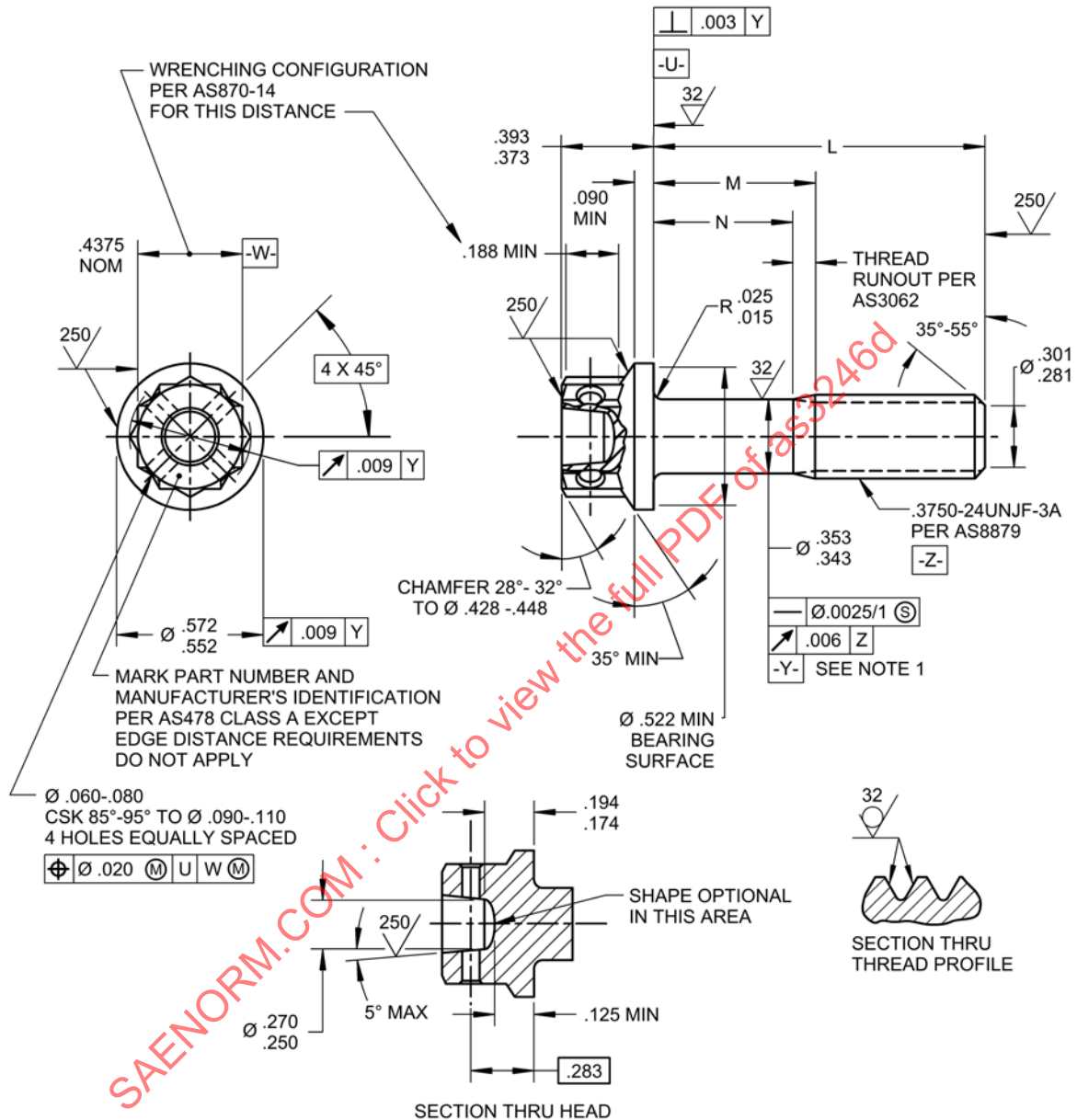
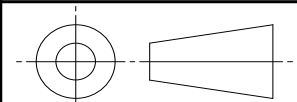


FIGURE 1 - BOLT

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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7466



AEROSPACE STANDARD

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

AS3246
SHEET 1 OF 3

REV.
D

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
AS3246-03	.552- .572	.025	.108	3.06	AS3246-33	2.865-2.885	1.732	1.875	9.61
AS3246-04	.615- .635	.025	.108	3.24	AS3246-34	2.990-3.010	1.857	2.000	9.97
AS3246-05	.678- .698	.025	.108	3.42	AS3246-35	3.115-3.135	1.982	2.125	10.32
AS3246-06	.740- .760	.025	.108	3.59	AS3246-36	3.240-3.260	2.107	2.250	10.67
AS3246-07	.802- .822	.025	.108	3.77	AS3246-37	3.365-3.385	2.232	2.375	11.03
AS3246-08	.865- .885	.025	.108	3.94	AS3246-38	3.490-3.510	2.357	2.500	11.39
AS3246-09	.928- .948	.025	.108	4.12	AS3246-39	3.615-3.635	2.482	2.625	11.74
AS3246-10	.990-1.010	.025	.108	4.30	AS3246-40	3.740-3.760	2.607	2.750	12.09
AS3246-11	1.052-1.072	.025	.108	4.47	AS3246-41	3.865-3.885	2.732	2.875	12.45
AS3246-12	1.115-1.135	.025	.125	4.65	AS3246-42	3.990-4.010	2.857	3.000	12.80
AS3246-13	1.178-1.198	.045	.188	4.83	AS3246-43	4.115-4.135	2.982	3.125	13.15
AS3246-14	1.240-1.260	.107	.250	5.00	AS3246-44	4.240-4.260	3.107	3.250	13.50
AS3246-15	1.302-1.322	.169	.312	5.19	AS3246-45	4.365-4.385	3.232	3.375	14.87
AS3246-16	1.365-1.385	.232	.375	5.37	AS3246-46	4.490-4.510	3.357	3.500	14.22
AS3246-17	1.428-1.448	.295	.438	5.54	AS3246-47	4.615-4.635	3.482	3.625	14.57
AS3246-18	1.490-1.510	.357	.500	5.72	AS3246-48	4.740-4.760	3.607	3.750	14.93
AS3246-19	1.552-1.572	.419	.562	5.90	AS3246-49	4.865-4.885	3.732	3.875	15.28
AS3246-20	1.615-1.635	.482	.625	6.07	AS3246-50	4.990-5.010	3.857	4.000	15.63
AS3246-21	1.678-1.698	.545	.688	6.25	AS3246-51	5.115-5.135	3.982	4.125	15.99
AS3246-22	1.740-1.760	.607	.750	6.43	AS3246-52	5.240-5.260	4.107	4.250	16.34
AS3246-23	1.802-1.822	.669	.812	6.60	AS3246-53	5.365-5.385	4.232	4.375	16.70
AS3246-24	1.865-1.885	.732	.875	6.78	AS3246-54	5.490-5.510	4.357	4.500	17.05
AS3246-25	1.928-1.948	.795	.938	6.96	AS3246-55	5.615-5.635	4.482	4.625	17.39
AS3246-26	1.990-2.010	.857	1.000	7.13	AS3246-56	5.740-5.760	4.607	4.750	17.73
AS3246-27	2.115-2.135	.982	1.125	7.48	AS3246-57	5.865-5.885	4.732	4.875	18.07
AS3246-28	2.240-2.260	1.107	1.250	7.84	AS3246-58	5.990-6.010	4.857	5.000	18.41
AS3246-29	2.365-2.385	1.232	1.375	8.20					
AS3246-30	2.490-2.510	1.357	1.500	8.55					
AS3246-31	2.615-2.635	1.482	1.625	8.91					
AS3246-32	2.740-2.760	1.607	1.750	9.26					

NOTES:

- FOR PART NUMBERS AS3246-03 THRU AS3246-21 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 E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- BREAK SHARP EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES.

	AEROSPACE STANDARD	AS3246 SHEET 2 OF 3	REV. D
	BOLT, MACHINE - DOUBLE HEXAGON EXTENDED WASHER HEAD, DRILLED, PD SHANK, NICKEL ALLOY, UNS N07718, 185 KSI MIN, .3750-24 UNJF-3A		