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RATIONALE

LEAD THREAD CHAMFER TO AS1132, UPDATE TO ASME Y14.5-2018, REVISE FILLET RADIUS TO CR, ADD USAGE NOTE, GENERAL EDITORIAL UPDATES.

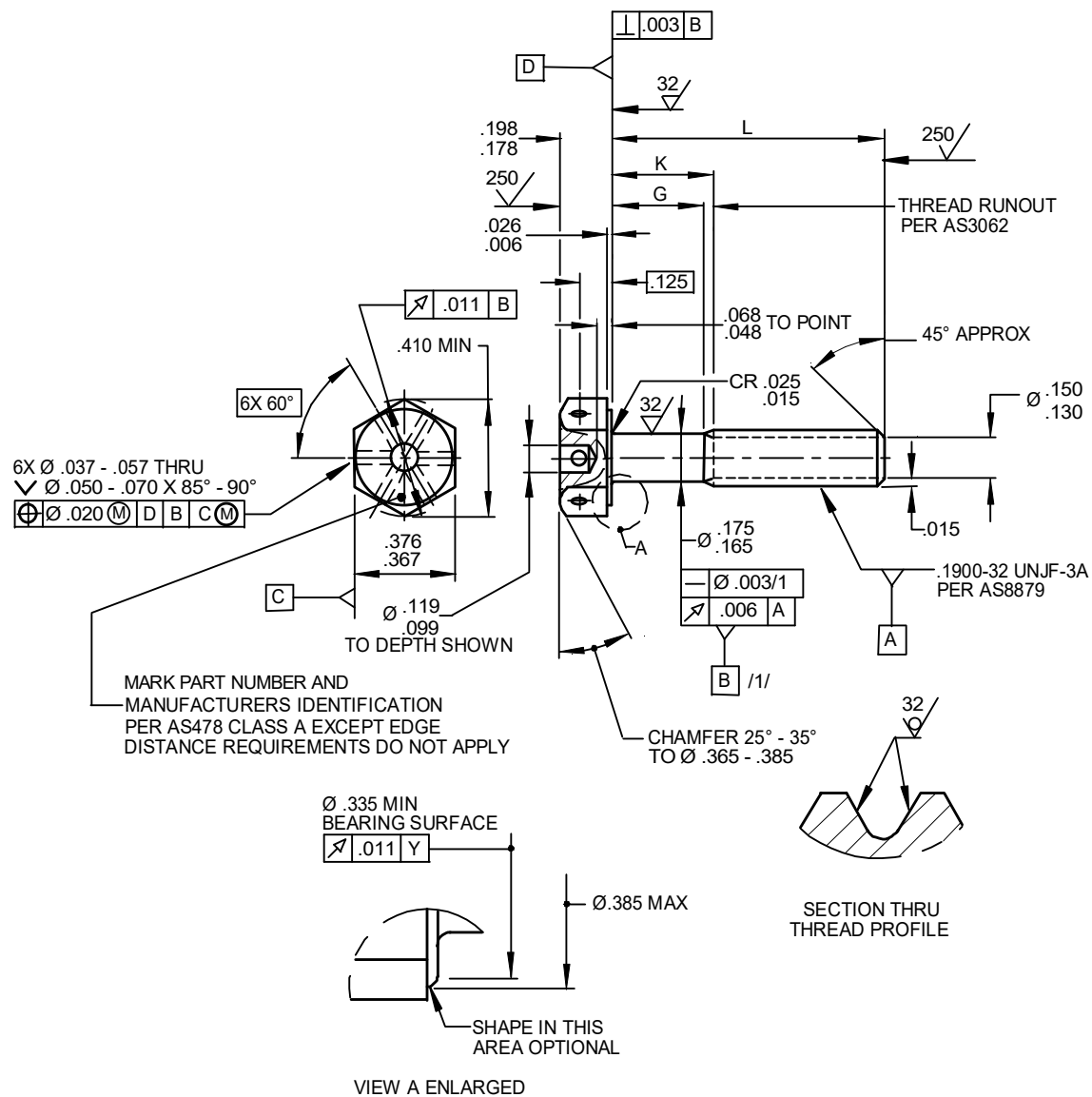
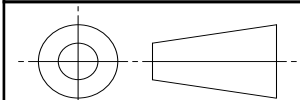


FIGURE 1 - BOLT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3404B/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7471



AEROSPACE STANDARD

BOLT, MACHINE - HEXAGON HEAD,
DRILLED 6 HOLES, PD SHANK,
AMS5708 (UNS N07001), .1900-32 UNJF-3A

AS3404™
SHEET 1 OF 2

REV.
B

Documents

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TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	L	G MIN	K MAX	APPROX MASS LB/100	PART NO.	L	G MIN	K MAX	APPROX MASS LB/100
AS3404-03	.302- .322	.025	.092	.79	AS3404-27	1.802-1.822	1.060	1.182	1.79
AS3404-04	.365- .385	.025	.092	.83	AS3404-28	1.865-1.885	1.123	1.245	1.83
AS3404-05	.428- .448	.025	.092	.87	AS3404-29	1.928-1.948	1.186	1.308	1.87
AS3404-06	.490- .510	.025	.092	.91	AS3404-30	1.990-2.010	1.248	1.370	1.91
AS3404-07	.552- .572	.025	.092	.95	AS3404-31	2.115-2.135	1.373	1.495	2.00
AS3404-08	.615- .635	.025	.092	.99	AS3404-32	2.240-2.260	1.498	1.620	2.08
AS3404-09	.678- .698	.025	.092	1.03	AS3404-33	2.365-2.385	1.623	1.745	2.17
AS3404-10	.740- .760	.025	.120	1.08	AS3404-34	2.490-2.510	1.748	1.870	2.26
AS3404-11	.802- .822	.060	.183	1.12	AS3404-35	2.615-2.635	1.873	1.995	2.34
AS3404-12	.865- .885	.123	.245	1.16	AS3404-36	2.740-2.760	1.998	2.120	2.42
AS3404-13	.928- .948	.186	.308	1.20	AS3404-37	2.865-2.885	2.123	2.245	2.50
AS3404-14	.990-1.010	.248	.370	1.24	AS3404-38	2.990-3.010	2.248	2.370	2.59
AS3404-15	1.052-1.072	.310	.432	1.28	AS3404-39	3.115-3.135	2.373	2.495	2.68
AS3404-16	1.115-1.135	.373	.495	1.32	AS3404-40	3.240-3.260	2.498	2.620	2.76
AS3404-17	1.178-1.198	.436	.558	1.37	AS3404-41	3.365-3.385	2.623	2.745	2.85
AS3404-18	1.240-1.260	.498	.620	1.41	AS3404-42	3.490-3.510	2.748	2.870	2.93
AS3404-19	1.302-1.322	.560	.682	1.45	AS3404-43	3.615-3.635	2.873	2.995	3.01
AS3404-20	1.365-1.385	.623	.745	1.49	AS3404-44	3.740-3.760	2.998	3.120	3.09
AS3404-21	1.428-1.448	.686	.808	1.53	AS3404-45	3.865-3.885	3.123	3.245	3.18
AS3404-22	1.490-1.510	.748	.870	1.58					
AS3404-23	1.552-1.572	.810	.932	1.62					
AS3404-24	1.615-1.635	.873	.995	1.67					
AS3404-25	1.678-1.698	.936	1.058	1.71					
AS3404-26	1.740-1.760	.998	1.120	1.75					

NOTES:

- FOR PART NUMBERS AS3404-03 THRU AS3404-14, DATUM **A** SHALL REPLACE DATUM **B**.
- MATERIAL: AMS5708 (COMPOSITION SIMILAR TO UNS N07001).
- PROCUREMENT SPECIFICATION: AS7471.
- FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra, EXCEPT UPSET HEAD TO BE 250 MICROINCHES Ra.
- BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: ANGULAR DIMENSIONS $\pm 5^\circ$.
- DIMENSIONS AND TOLERANCING: ASMEY14.5 -2018.
- DO NOT USE UNASSIGNED PART NUMBERS.
- UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
- REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

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ASME IS AN AMERICAN SOCIETY OF MECHANICAL ENGINEERS PUBLICATION.
ASTM IS AN ASTM INTERNATIONAL PUBLICATION.

	AEROSPACE STANDARD	AS3404™ SHEET 2 OF 2 	REV. B
	BOLT, MACHINE - HEXAGON HEAD, DRILLED 6 HOLES, PD SHANK, AMS5708 (UNS N07001), .1900-32 UNJF-3A		



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