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REV.
B

AS3106™

RATIONALE

FEDERAL SUPPLY CLASS
5305

FIGURE 1 REDRAWN TO AS1132 STANDARD, USAGE NOTE ADDED.

AS3106B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

A REAFFIRMED STATUS IS GIVEN TO TECHNICAL REPORTS THAT HAVE BEEN REVIEWED BY THE TECHNICAL COMMITTEE AND DEEMED TO BE CURRENT WITH NO NEED FOR IMMEDIATE REVISION. NO CHANGES HAVE BEEN MADE TO THIS DOCUMENT AS A RESULT OF THIS REVIEW.

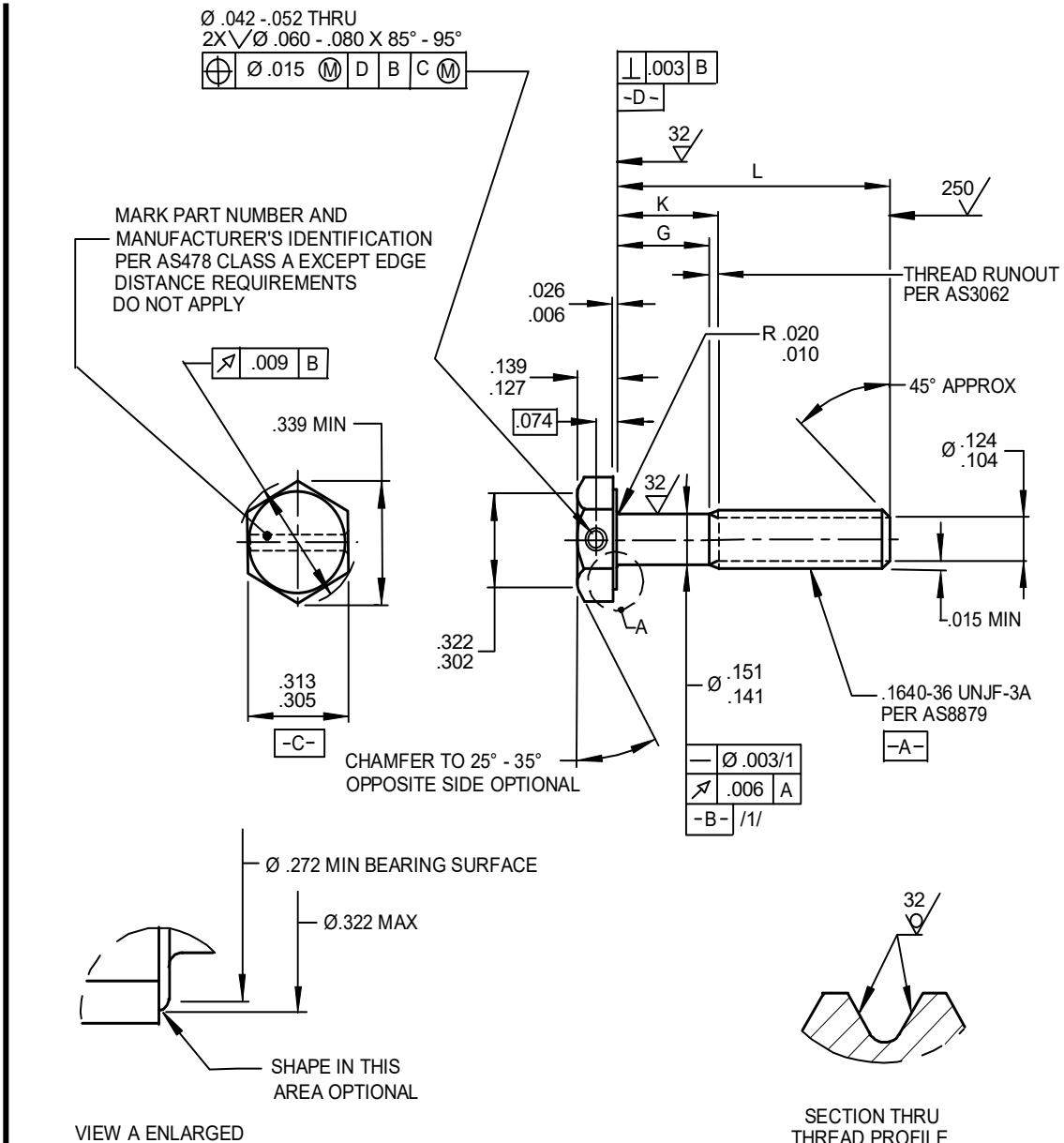


FIGURE 1 - SCREW

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3106B/>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477



AEROSPACE STANDARD

SCREW, MACHINE - HEXAGON HEAD,
DRILLED 1 HOLE, PD SHANK,
CRES AMS5731(UNS S66286), .1640-36 UNJF-3A

AS3106™
SHEET 1 OF 2

REV.
B

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TABLE 1 - PART NUMBERS AND DIMENSIONS L, G, K, AND APPROX MASS

PART NUMBER	L	G MIN	K MAX	APPROX MASS LB/100
AS3106-10	.740- .760	.056	.172	.63
AS3106-11	.802- .822	.118	.234	.66
AS3106-12	.865- .885	.181	.297	.69
AS3106-13	.928- .948	.244	.360	.72
AS3106-14	.990-1.010	.306	.422	.75
AS3106-15	1.052-1.072	.368	.484	.78
AS3106-16	1.115-1.135	.431	.547	.81
AS3106-17	1.178-1.198	.494	.610	.84
AS3106-18	1.240-1.260	.556	.672	.87
AS3106-19	1.302-1.322	.618	.734	.90
AS3106-20	1.365-1.385	.681	.797	.93
AS3106-21	1.428-1.448	.744	.860	.96
AS3106-22	1.490-1.510	.806	.922	.99
AS3106-23	1.552-1.572	.868	.984	1.02
AS3106-24	1.615-1.635	.931	1.047	1.05
AS3106-25	1.678-1.698	.994	1.110	1.08
AS3106-26	1.740-1.760	1.056	1.172	1.11
AS3106-27	1.802-1.822	1.118	1.234	1.14
AS3106-28	1.865-1.885	1.181	1.297	1.17
AS3106-29	1.928-1.948	1.244	1.360	1.20
AS3106-30	1.990-2.010	1.306	1.422	1.23

NOTES:

1. FOR PART NUMBERS AS3106-10 THRU AS3106-12, DATUM A SHALL REPLACE DATUM B.
2. MATERIAL: CORROSION RESISTANT STEEL AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
3. PROCUREMENT SPECIFICATION: AS7477.
4. FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M, TYPE 1, SENSITIVITY LEVEL 2 MIN.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra EXCEPT UPSET HEAD.
6. BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONS ARE IN INCHES.
8. DIMENSIONS AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
9. DO NOT USE UNASSIGNED PART NUMBERS.
10. UNLESS OTHERWISE SPECIFIED, PART INVENTORY MANUFACTURED TO PREVIOUS REVISIONS OF THE APPLICABLE DRAWING OR SPECIFICATION MAY BE PROCURED AND USED UNTIL STOCK IS DEPLETED.
11. 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.
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	AEROSPACE STANDARD	AS3106™ SHEET 2 OF 2 	REV. B
	SCREW, MACHINE - HEXAGON HEAD, DRILLED 1 HOLE, PD SHANK, CRES AMS5731(UNS S66286), .1640-36 UNJF-3A		