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REV.
C

AS3140™

RATIONALE

FEDERAL SUPPLY CLASS
5307

RELOCATE POSITION FEATURE CONTROL FRAME TO THREAD CALLOUT, REVISE LEAD THREAD CHAMFERS TO CONFORM TO AS1132, ADD AS3062 THREAD RUNOUT, ADD NEW NOTE FOR DISPOSITION OF EXISTING INVENTORY, GENERAL EDITORIAL UPDATES.

AS3140C HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

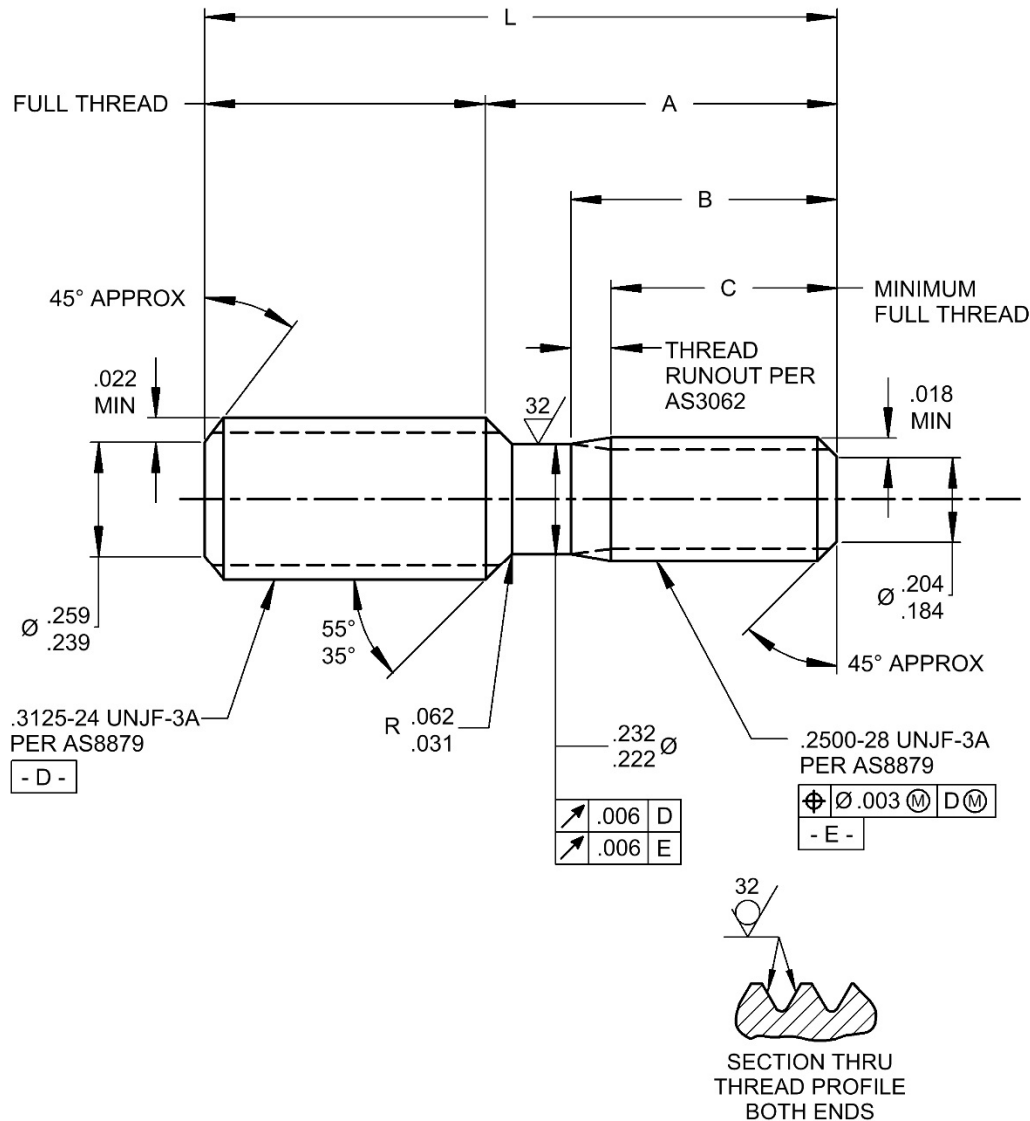
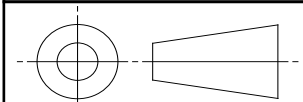


FIGURE 1 - STUD

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3140C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7477 /2/



AEROSPACE STANDARD

STUD, STEPPED - 2.5 DIA ENGAGEMENT,
PD SHANK, UNS S66286
.3125-24 UNJF-3A X .2500-28 UNJF-3A

AS3140™
SHEET 1 OF 2

REV.
C

Documents

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TABLE 1 - PART NUMBERS, DIMENSIONS, AND APPROX MASS

PART NUMBER	L	A	B MAX	C MIN	APPROX MASS LB/100
AS3140-07	1.365-1.385	.584- .604	.499	.427	2.07
AS3140-08	1.428-1.448	.647- .667	.562	.490	2.14
AS3140-09	1.490-1.510	.709- .729	.624	.552	2.20
AS3140-10	1.552-1.572	.771- .791	.634	.562	2.27
AS3140-11	1.615-1.635	.834- .854	.634	.562	2.34
AS3140-12	1.678-1.698	.897- .917	.634	.562	2.41
AS3140-13	1.740-1.760	.959- .979	.634	.562	2.48
AS3140-14	1.802-1.822	1.021-1.041	.634	.562	2.55
AS3140-15	1.865-1.885	1.084-1.104	.634	.562	2.62
AS3140-16	1.928-1.948	1.147-1.167	.634	.562	2.69
AS3140-17	1.990-2.010	1.209-1.229	.634	.562	2.76
AS3140-18	2.115-2.135	1.334-1.354	.634	.562	2.90
AS3140-19	2.240-2.260	1.459-1.479	.634	.562	3.04
AS3140-20	2.365-2.385	1.584-1.604	.634	.562	3.19
AS3140-21	2.490-2.510	1.709-1.729	.634	.562	3.32
AS3140-22	2.615-2.635	1.834-1.854	.634	.562	3.46
AS3140-23	2.740-2.760	1.959-1.979	.634	.562	3.60
AS3140-24	2.865-2.885	2.084-2.104	.634	.562	3.74
AS3140-25	2.990-3.010	2.209-2.229	.634	.562	3.88
AS3140-26	3.115-3.125	2.334-2.354	.634	.562	4.02
AS3140-27	3.240-3.260	2.459-2.479	.634	.562	4.16
AS3140-28	3.365-3.385	2.584-2.604	.634	.562	4.30
AS3140-29	3.490-3.510	2.709-2.729	.634	.562	4.44
AS3140-30	3.615-3.635	2.834-2.854	.634	.562	4.58
AS3140-31	3.740-3.760	2.959-2.979	.634	.562	4.72
AS3140-32	3.865-3.885	3.084-3.104	.634	.562	4.86

NOTES:

- MATERIAL: CORROSION AND HEAT RESISTANT STEEL AMS5731 (COMPOSITION SIMILAR TO UNS S66286).
- PROCUREMENT SPECIFICATION AS7477: EXCEPT REQUIREMENTS RELATED TO BOLT HEADS NOT APPLICABLE.
- SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES Ra.
- FLUORESCENT PENETRANT INSPECTION PER ASTM E1417/E1417M TYPE 1. SENSITIVITY LEVEL 2 MIN.
- BREAK SHARP EDGES .003 TO .015, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS ARE IN INCHES.
- DIMENSIONING AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
- MARK PART NUMBER PER AS478-37.
- 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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	AEROSPACE STANDARD		AS3140™ SHEET 2 OF 2	REV. 1
	STUD, STEPPED - 2.5 DIA ENGAGEMENT, PD SHANK, UNS S66286 .3125-24 UNJF-3A X .2500-28 UNJF-3A			



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