

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

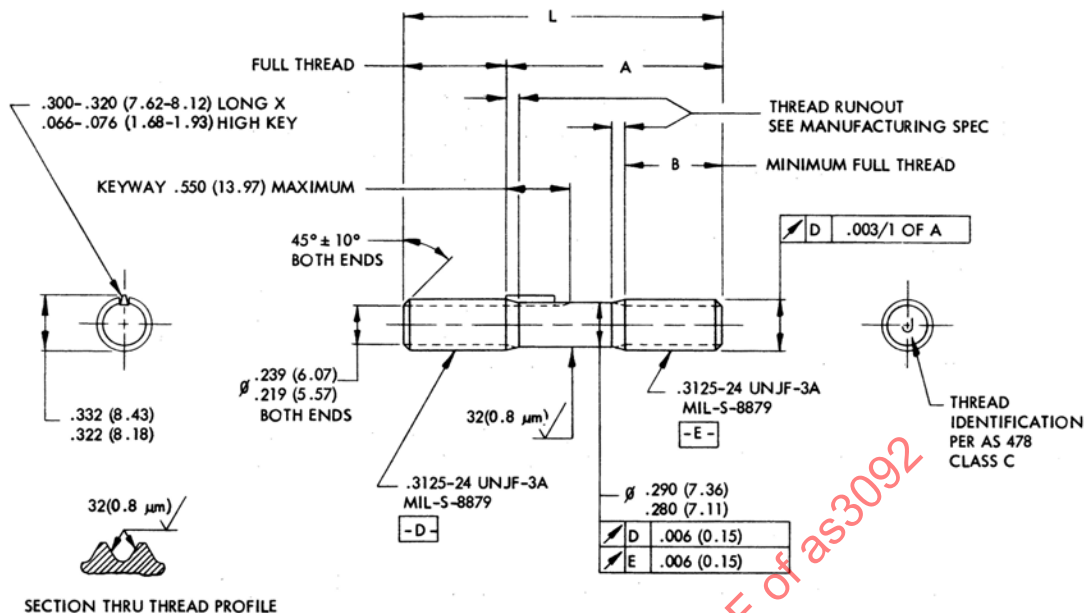
SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

SAE AS3092

FEDERAL SUPPLY CLASS

RATIONALE

AS3092 HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.



1. MATERIAL: STUD - CORROSION AND HEAT RESISTANT STEEL, AMS 5731
KEY - CRES, AMS 5688.
2. FINISH: STUD - NONE.
KEY - NONE.
3. MANUFACTURING SPECIFICATION: AMS 7477. EXCEPT BLANKS MAY BE MACHINED. REQUIREMENTS RELATED TO BOLT HEADS NOT APPLICABLE.
4. FLUORESCENT PENETRANT INSPECTION PER AMS 2645.
5. SURFACE TEXTURE: ANSI B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES (3.2 MICROMETRES).
6. DIMENSIONING AND TOLERANCING: ANSI Y14.5-1973. ϕ = DIAMETER. FORM TOLERANCES AND RELATED DATUMS ARE RFS.
7. BREAK SHARP EDGES .003-.015 (0.08-0.38) UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS IN INCHES, (MILLIMETRES), METRIC CONVERSIONS IN PARENTHESIS ARE IN INTERNATIONAL SYSTEMS UNITS (SI).
9. MARK AEROSPACE STANDARD IDENTIFICATION NUMBER AND MANUFACTURERS IDENTIFICATION ON CONTAINER.
10. DO NOT USE UNASSIGNED AEROSPACE STANDARD IDENTIFICATION NUMBERS.
11. THE INSTALLED STUD SHALL HAVE A MINIMUM RESISTANCE TO TORQUE OUT OF 180 LBF-IN (20.34 N.m).

SOURCE OF SUPPLY

TRIDAIR INDUSTRIES
FASTENER DIVISION
TORRANCE, CALIFORNIA 90505
MANUFACTURER'S CODE IDENT NO. 29372
DRAWING NO. TR15115

ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDOR LISTED HEREON IS APPROVED FOR USE IN THE APPLICATIONS SPECIFYING THIS AEROSPACE STANDARD IDENTIFICATION NUMBER. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR TESTING AND APPROVAL BY THE DESIGN ACTIVITY RESPONSIBLE FOR THE APPLICATION.

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS3092>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

STUD - STRAIGHT, KEY LOCKED, CRES AMS5731
.3125-24 UNJF X .3125-24 UNJF

SAE AS3092
SHEET 1 OF 2

Copyright 2012 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Fax: 724-776-0790

Tel: +1 724-776-4970 (outside USA)
Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

ISSUED 1975-05 REAFFIRMED 2012-11