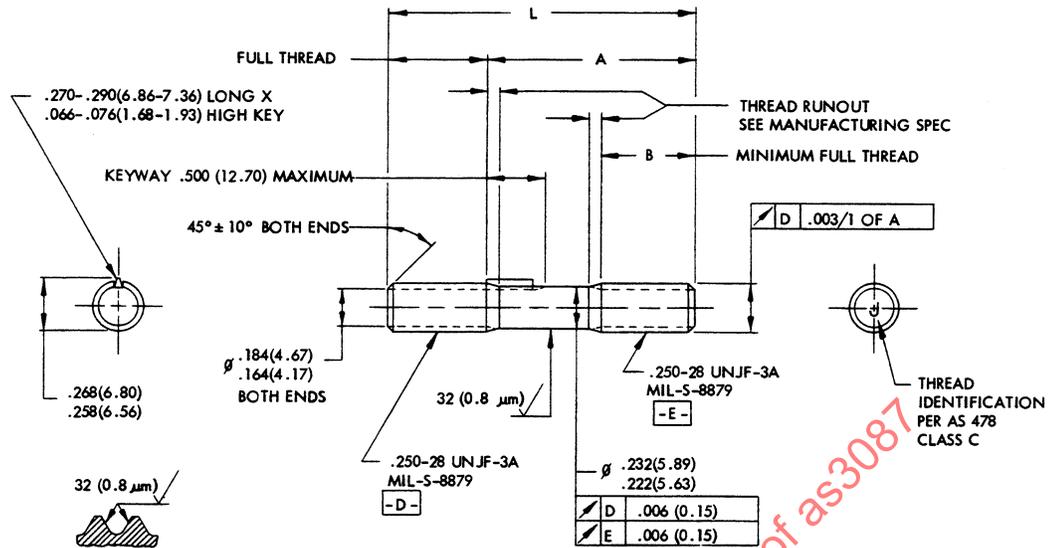


RATIONALE

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

AS3087



SECTION THRU THREAD PROFILE

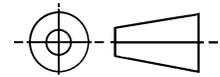
- MATERIAL: STUD - STEEL, AMS 6322  
KEY - CRES, AMS 5688
- HARDNESS: STUD - ROCKWELL C26-32  
KEY - AS RECEIVED
- FINISH: STUD - CADMIUM PLATE AMS 2400. DIMENSIONS ARE AFTER PLATING.  
KEY - NONE.
- MANUFACTURING SPECIFICATION: AMS 7452. REQUIREMENTS RELATED TO BOLT HEADS NOT APPLICABLE.
- MAGNETIC PARTICLE INSPECTION PER AMS 2640 AFTER PLATING.
- SURFACE TEXTURE: ANSI B46.1-1962. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES (3.2 MICROMETRES).
- DIMENSIONING AND TOLERANCING: ANSI Y14.5-1973.  $\phi$  = DIAMETER. FORM TOLERANCES AND RELATED DATUMS ARE RFS.
- BREAK SHARP EDGES .003-.015 (0.08-0.38) UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS IN INCHES, (MILLIMETRES), METRIC CONVERSIONS IN PARENTHESIS ARE IN INTERNATIONAL SYSTEMS UNITS (SI).
- MARK AEROSPACE STANDARD IDENTIFICATION NUMBER AND MANUFACTURERS IDENTIFICATION ON CONTAINER.
- DO NOT USE UNASSIGNED AEROSPACE STANDARD IDENTIFICATION NUMBERS.
- THE INSTALLED STUD SHALL HAVE A MINIMUM RESISTANCE TO TORQUE OUT OF 90 LBF-IN (10.17 N.m).

SOURCE OF SUPPLY

TRIDAIR INDUSTRIES  
FASTENER DIVISION  
TORRANCE, CALIFORNIA 90505  
MANUFACTURERS CODE IDENT NO. 29372  
DRAWING NO. TR15104

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.

THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

STUD - STRAIGHT, KEY LOCKED, STEEL  
.250-28 UNJF X .250-28 UNJF

**AS3087**  
SHEET 1 OF 2

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ISSUED 1975-05 REAFFIRMED 2006-07