

5307

(SEE NOTE 9)

.780 (19.81)
.740 (18.80)

.469 (11.92) MIN FULL THREAD

.168 (4.26)
.158 (4.02)

45° ± 10°
BOTH ENDS

63 (1.6μm)

.3125-18 UNJC -3A
MIL-S-8879
-D-

.3125-24 UNJF -3A
MIL-S-8879
-E-

Ø .232 (5.89)
Ø .212 (5.39)

Ø .252 (6.40)
Ø .232 (5.90)

Ø .287 (7.29)
Ø .282 (7.16)

Ø .404 (10.26)
Ø .395 (10.04)

Ø .366 (9.29)
Ø .357 (9.07)

24 TEETH

90° ± 2°

32 (0.8μm)

SECTION THRU THREAD PROFILE
TYPICAL BOTH ENDS

INTERNAL SERRATIONS
FREE MOVEMENT WITH STUD

EXTERNAL SERRATIONS
SEE VIEW A

CAPTIVE RING

THREAD RUNOUT
SEE MANUFACTURING SPEC

MINIMUM FULL THREAD

(STUD HEIGHT AFTER INSTALLATION)

.003/1 OF A D

Ø .006 (0.15)	D
Ø .006 (0.15)	E

MATERIAL IDENTIFICATION
PER AS269
MARK PER AS478
CLASS C

EH19

1. MATERIAL: STUD - CORROSION AND HEAT RESISTANT STEEL, AMS5731.
RING - CORROSION RESISTANT STEEL, AMS5640. VIEW A A
ENLARGED
2. FINISH: STUD - NONE.
RING - NONE.
3. MANUFACTURING SPECIFICATION: AMS7482, EXCEPT STRESS RUPTURE TEST IS WAIVED, AND STUD END THREAD REQUIREMENTS OF AS3062, INCOMPLETE LEAD AND RUNOUT THREADS, IS NOT APPLICABLE.
4. FLUORESCENT PENETRANT INSPECTION PER AMS2645. EXCEPT RING.
5. SURFACE TEXTURE: SYMBOLS PER ANSI Y14.36-1978, REQUIREMENTS PER ANSI B46.1-1978. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 125 MICROINCHES (3.2 MICROMETRES).
6. DIMENSIONING AND TOLERANCING: ANSI Y14.5-1973.
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. DIMENSIONS APPLY WHEN LOCKRING IS AGAINST STOP TOWARD .3125-24 THREAD.
10. MARK AEROSPACE STANDARD IDENTIFICATION NUMBER AND MANUFACTURER'S IDENTIFICATION ON CONTAINER.
11. DO NOT USE UNASSIGNED AEROSPACE STANDARD IDENTIFICATION NUMBERS.
12. INSTALLATION SHALL BE IN ACCORDANCE WITH AS1561.

SOURCE OF SUPPLY
ROSAN, INC.
NEWPORT BEACH, CALIFORNIA 92663
MANUFACTURER'S CODE IDENTIFICATION NUMBER 83324
DRAWING NUMBER SFC-SUM SERIES

IDENTIFICATION OF THE APPROVED SOURCE (S) HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEMS DESCRIBED ON THIS DRAWING.

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.

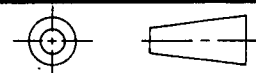
Prepared By: SAE COMMITTEE E-25, Engine & Propeller Standard Utility Parts

Society of Automotive Engineers, Inc.
400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15090

AEROSPACE STANDARD IDENTIFICATION

STUD-STRAIGHT, RING LOCKED, CRES AMS5731
.3125-18 UNJC X .3125-24 UNJF

THIRD ANGLE PROJECTION



SOURCE CONTROL DRAWING

AS 3321

SHEET 1 OF 2

Issued	9-15-79	Revised
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