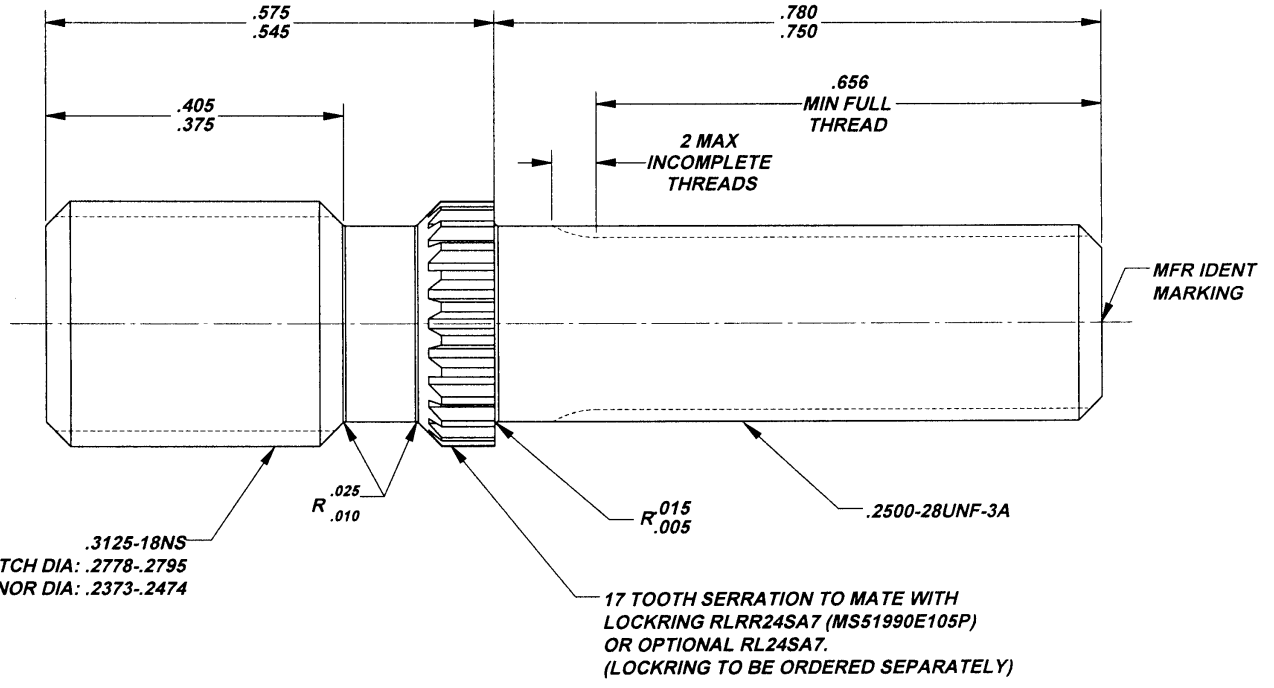


MANUFACTURE OF THE PROPRIETARY PARTS SHOWN HERE WITHOUT WRITTEN CONSENT IS ABSOLUTELY PROHIBITED



THIS DRAWING EMBODIES A CONFIDENTIAL, PROPRIETARY DESIGN & ALL DESIGN, MANUFACTURING PRODUCTION, USE & SALE RIGHTS REGARDING SAME ARE EXPRESSLY RESERVED.

**NOTES:**

1. MATERIAL: A286 CRES PER AMS5731, AMS5732, AMS5734 OR AMS5737.
2. HEAT TREAT: 140 KSI UTS MIN PER AMS2759 (FOR AMS5731 OR AMS5734 ONLY.)
3. FINISH: PASSIVATE PER AMS2700.

**INSTALLATION TOOLING REF:**

- STEP DRILL ..... R CDC24-257 (FOR ALUMINUM)  
R CDC24-257 (FOR MAGNESIUM)
- WRENCH ..... R1105W
- LOCKRING  
DRIVE TOOL ..... S101D12
- REMOVAL TOOL ..... BT309

INTERIM DOCUMENT REVISION		
Rev.	Date	DAF#
A1	10/8/2018	117431

APPROVED DATE  
18 APR 16

REV. LETTER AND DATE  
A 18 JUL 16

DAF NUMBER  
DAF 114529

CURRENT DESIGN ACTIVITY:  
 **ARCONIC**  
 Arconic Fastening Systems  
**ROSAN PRODUCTS**  
 3018 W. LOMITA BLVD.  
 TORRANCE, CA. 90505-5103

TITLE:  
**STUD, RINGLOCKED**

CURRENT DESIGN ACTIVITY:  
 CAGE CODE: 83324  
 SALES DRAWING NO.

**SFA101-9SU12A**

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES &  
 ASME Y14.5M TOLERANCES:

ANGLES = .3°  
 DECIMALS .XX = .02  
 .XXX = .010

SXXXX