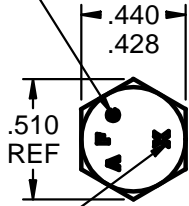
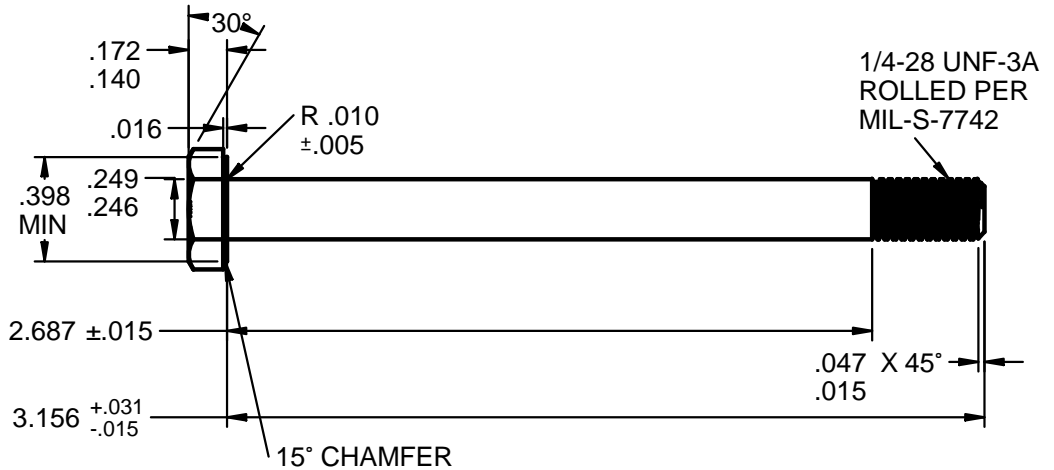


MANUFACTURERS  
"AFC" LOGO  
.025 MAX  
RAISED OR INDENTED



"X" ALLOY STEEL  
GRADE MARK



SCALE: 1.25X

**DESIGN NOTES: AN4-31A AIRFRAME BOLT**

1. LENGTH 3-5/32" (3.156"), GRIP 2-11/16" (2.687"), THREAD 1/4-28 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. PREFERRED MATERIAL ALLOY STEEL PER PROCUREMENT SPECIFICATION.  
UNS G40370 AMS6300 DFAR EXEMPT  
UNS G87400 AMS6322 DFAR APPLIES  
UNS G41400 AMS6382 DFAR APPLIES  
UNS G41300 AMS-S-6758 DFAR APPLIES
4. HEAT TREAT AMS-2759 HRC 26-32.
5. FINISH CADMIUM PLATED PER AMS-QQ-P-416, TYPE 2 (YELLOW), CLASS 2.
6. THREADS 1/4-28 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 4,080 LBS. [18,148 N] MIN.
8. YIELD 3,130 LBS. [13,922 N] MIN.
9. SINGLE SHEAR 3,680 LBS. [16,369 N] MIN. SHORT LENGTH N/A.

EXAMPLE PART NUMBER

AFC 4-31 C2 - CADMIUM TYPE 2 YELLOW PLATING  
AFC 4-31 C1 - CADMIUM TYPE 1 PLAIN WHITE PLATING  
AFC 4-31 TDC - THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
↑ LENGTH 3.156"  
↑ BODY SIZE & THREAD .25-28 UNF-3A  
↑ MANUFACTURER AIRFASCO



ACTUAL SIZE

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN4-31A

DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982	PROPRIETARY PARTS SHOWN IN THIS DRAWING ARE THE SUBJECT OF ISSUED UNITED STATES AND FOREIGN PATENTS AND PATENTS PENDING. UNAUTHORIZED REPRODUCTION AND/OR DISTRIBUTION OF THIS DRAWING IS STRICTLY PROHIBITED.			<b>AIRFASCO.com</b>	
	APPROVALS			DATE	
ANGLES ±5°	DRAWN C.D.	6/10/13		PART NUMBER: AN4-31A_AFC4-31C2	
.XX ±.03"	CHECKED T.W.	6/10/13		SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED
.XXX ±.010"	ENG APPR B.E.	6/10/13		EST. WEIGHT: .048/ EACH LBS. [22.1 g]	
.XXXX ±.001"	MGR APPR D.D.	6/10/13		SCALE: 1.25X	DRAWING NUMBER: AN4-31A_AFC4-31C2
					REV
					SHEET 1 OF 1