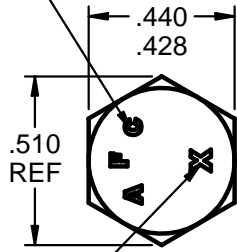
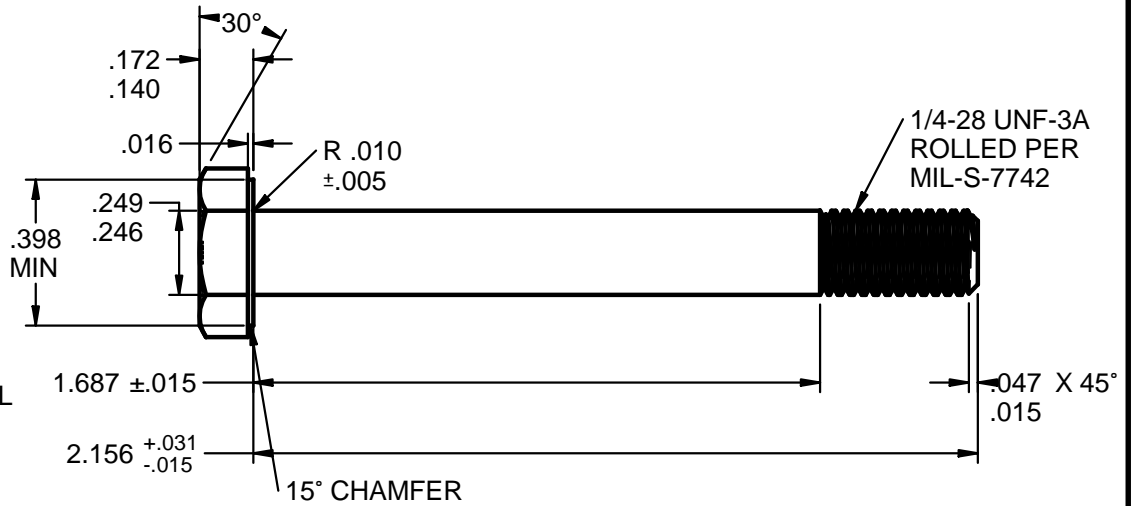


**MANUFACTURERS**

"AFC" LOGO  
.025 MAX  
RAISED OR INDENTED



"X" ALLOY STEEL  
GRADE MARK



SCALE: 1.75X

**DESIGN NOTES: AN4-21A AIRFRAME BOLT**

1. LENGTH 2-5/32" (2.156"), GRIP 1-11/16" (1.687"), 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.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 4-21 C2 - CADMIUM TYPE 2 YELLOW PLATING  
 AFC 4-21 C1 - CADMIUM TYPE 1 PLAIN WHITE PLATING  
 AFC 4-21 TDC - THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
 ↑ LENGTH 2.156"  
 ↑ BODY SIZE & THREAD .25-28 UNF-3A  
 ↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN4-21A

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> 2655 HARRISON AVE SW, CANTON, OHIO 44706 USA	
	APPROVALS		DATE	PART NUMBER:	AN4-21A_AFC4-21C2
ANGLES	±5°	DRAWN	C.D.	6/10/13	SCALE: 1.75X   DRAWING NUMBER: AN4-21A_AFC4-21C2   SHEET 1 OF 1
.XX	±.03"	CHECKED	T.W.	6/10/13	
.XXX	±.010"	ENG APPR	B.E.	6/10/13	SIZE A   MATERIAL: 4037 / 8740 OR AS NOTED   EST. WEIGHT: .035/ EACH LBS. [16.0 g]
.XXXX	±.001"	MGR APPR	D.D.	6/10/13	