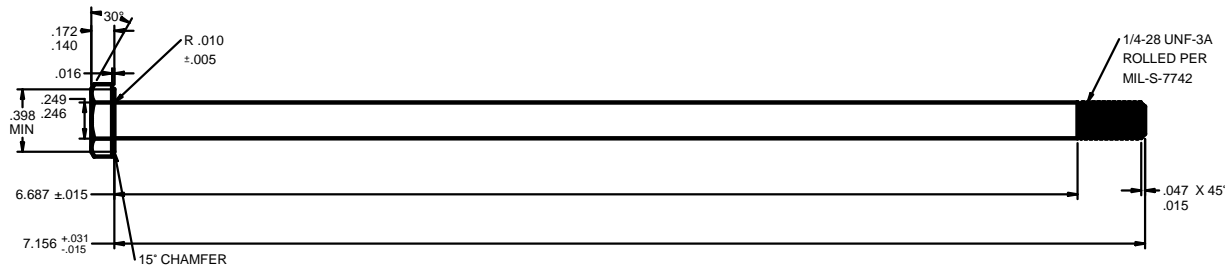


MANUFACTURERS  
 "AFC" LOGO  
 .025 MAX  
 RAISED OR INDENTED

"X" ALLOY STEEL  
 GRADE MARK



SCALE: .75X

**DESIGN NOTES: AN4-71A AIRFRAME BOLT**

1. LENGTH 7-5/32" (7.156"), GRIP 6-11/16" (6.687"), 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 4-71 C2** - CADMIUM TYPE 2 YELLOW PLATING  
**AFC 4-71 C1** - CADMIUM TYPE 1 PLAIN WHITE PLATING  
**AFC 4-71 TDC** - THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
 ↑ LENGTH 7.156"  
 ↑ BODY SIZE & THREAD .25-28 UNF-3A  
 ↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
 PART NUMBER: AN4-71A

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 DRAWN C.D. 6/10/13 CHECKED T.W. 6/10/13 ENG APPR B.E. 6/10/13 MGR APPR D.D. 6/10/13		PART NUMBER: AN4-71A_AFC4-71C2 SIZE A MATERIAL: 4037 / 8740 OR AS NOTED EST. WEIGHT: .108/ EACH LBS. [49.2 g]	
ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001"	DATE 6/10/13 6/10/13 6/10/13 6/10/13		REV SCALE: .75X DRAWING NUMBER: AN4-71A_AFC4-71C2 SHEET 1 OF 1	