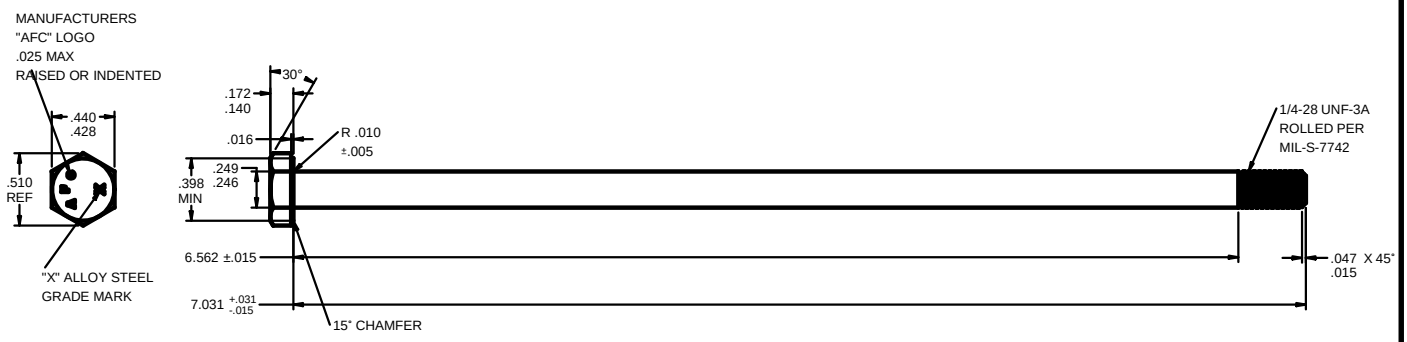

SCALE: .75X

DESIGN NOTES: AN4-70A AIRFRAME BOLT

1. LENGTH 7-1/32" (7.031"), GRIP 6-9/16" (6.562"), THREAD 1/4-28 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. PREFERED 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 4-70 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 4-70 CI - CADMIUM TYPE I PLAIN WHITE PLATING
AFC 4-70 TDC - THERMAL DIFFUSION COATED ASTM A1059

FINISH
LENGTH 7.031"
BODY SIZE & THREAD .25-28 UNF-3A
MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN4-70A

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.		**AIRFASCO.COM** 2655 HARRISON AVE SW, CANTON, OHIO 44706 USA			
		APPROVALS	DATE	PART NUMBER:	AN4-70A_AFC4-70C2		REV
ANGLES	±5°	DRAWN C.D.	6/10/13				
.XX	±.03"	CHECKED T.W.	6/10/13	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .100/ EACH LBS. [45.35 g]	
.XXX	±010"	ENG APPR B.E.	6/10/13				
.XXXX	±.001"	MGR APPR D.D.	6/10/13	SCALE: .75X	DRAWING NUMBER: AN4-70A_AFC4-70C2	SHEET 1 OF 1	