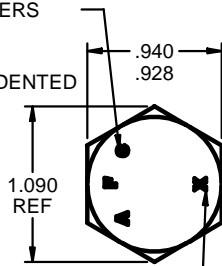
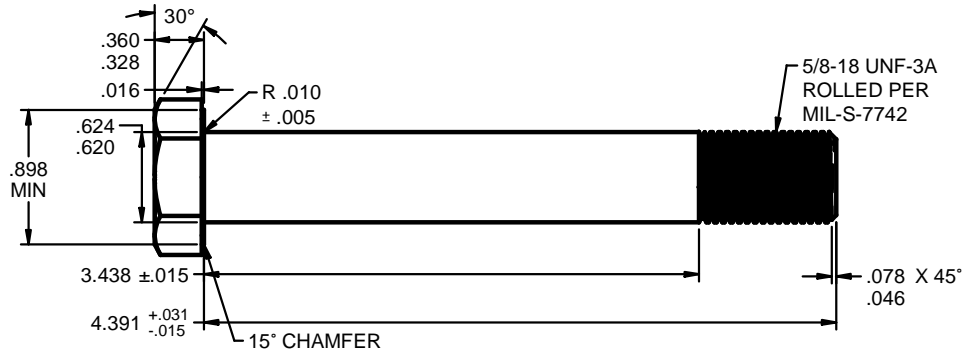


MANUFACTURERS  
"AFC" LOGO  
.030 MAX  
RAISED OR INDENTED



"X" ALLOY STEEL  
GRADE MARK



SCALE: 0.75X

**DESIGN NOTES: AN10-42A AIRFRAME BOLT**

1. LENGTH 4-25/64" (4.391"), GRIP 3-7/16" (3.438"), THREAD 5/8-18 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. 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 5/8-18 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 30,100 LBS. [133,891 N] MIN.
8. YIELD 23,080 LBS. [102,665 N] MIN.
9. SINGLE SHEAR 23,000 LBS. [102,309 N] MIN. SHORT LENGTH N/A.



EXAMPLE PART NUMBER

ACTUAL SIZE

AFC 10-42 C2 CADMIUM TYPE 2 YELLOW PLATING  
 AFC 10-42 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING  
 AFC 10-42 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
 ↑ LENGTH 4.391"  
 ↑ BODY SIZE & THREAD .625-18 UNF-3A  
 ↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN10-42A

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 M.B. DATE 2/19/15 CHECKED T.W. DATE 2/19/15 ENG APPR B.E. DATE 2/19/15 MGR APPR D.D. DATE 2/19/15		PART NUMBER: AN10-42A_AFC10-42C2 REV	
ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001"			SIZE A MATERIAL: 4037 / 8740 OR AS NOTED SCALE: 0.75X	EST. WEIGHT: .41 / EACH LBS. [200.4 g] DRAWING NUMBER: AN10-42A_AFC10-42C2 SHEET 1 OF 1