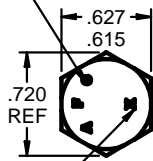
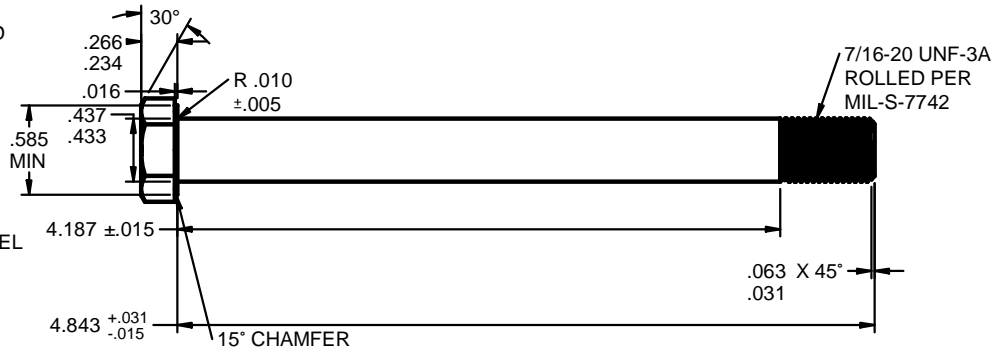


MANUFACTURERS  
"AFC" LOGO  
.025 MAX  
RAISED OR INDENTED



"X" ALLOY STEEL  
GRADE MARK



SCALE: 0.75X

**DESIGN NOTES: AN7-46A AIRFRAME BOLT**

1. LENGTH 4-27/32" (4.843"), GRIP 4-3/16" (4.187"), THREAD 7/16-20 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 7/16-20 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 13,600 LBS. [60,495 N] MIN.
8. YIELD 10,430 LBS. [46,394 N] MIN.
9. SINGLE SHEAR 11,250 LBS. [50,042 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 7-46 C2 CADMIUM TYPE 2 YELLOW PLATING  
AFC 7-46 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING  
AFC 7-46 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
↑ LENGTH 4.843"  
↑ BODY SIZE & THREAD .437-20 UNF-3A  
↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN7-46A

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	REV
ANGLES ±5°	DRAWN M.B.	4/11/14	PART NUMBER: AN7-46A_AFC7-46C2	
.XX ±.03"	CHECKED T.W.	4/11/14	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED
.XXX ±.010"	ENG APPR B.E.	4/11/14	EST. WEIGHT: .222 / EACH LBS. [100.8 g]	
.XXXX ±.001"	MGR APPR D.D.	4/11/14	SCALE: 0.75X	DRAWING NUMBER: AN7-46A_AFC7-46C2 SHEET 1 OF 1