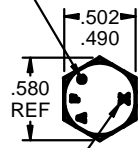
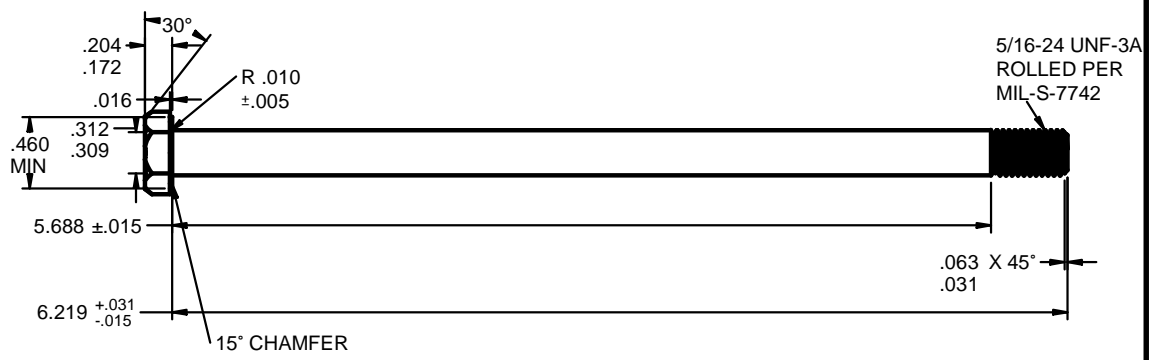


MANUFACTURERS  
"AFC" LOGO  
.025 MAX  
RAISED OR INDENTED



"X" ALLOY STEEL  
GRADE MARK



SCALE: 0.75X

**DESIGN NOTES: AN5-61A AIRFRAME BOLT**

1. LENGTH 6-7/32" (6.219"), GRIP 5-11/16" (5.688"), THREAD 5/16-24 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 5/16-24 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 6,500 LBS. [28,913 N] MIN.
8. YIELD 4,980 LBS. [22,152 N] MIN.
9. SINGLE SHEAR 5,750 LBS. [25,577 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 5-61 C2 - CADMIUM TYPE 2 YELLOW PLATING  
AFC 5-61 C1 - CADMIUM TYPE 1 PLAIN WHITE PLATING  
AFC 5-61 TDG - THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
↑ LENGTH 6.219"  
↑ BODY SIZE & THREAD .312-24 UNF-3A  
↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN5-61A

<small>DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982</small>	<small>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.</small>		<b>AIRFASCO.com</b> 2655 HARRISON AVE SW, CANTON, OHIO 44706 USA	
	APPROVALS DRAWN C.D. CHECKED T.W. ENG APPR B.E. MGR APPR D.D.		DATE 6/10/13 6/10/13 6/10/13 6/10/13	
ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001"	PART NUMBER: AN5-61A_AFC5-61C2		REV	
	SIZE A MATERIAL: 4037 / 8740 OR AS NOTED		EST. WEIGHT: .146 / EACH LBS. [66.3 g]	
	SCALE: 0.75X DRAWING NUMBER: AN5-61A_AFC5-61C2		SHEET 1 OF 1	