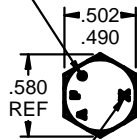


MANUFACTURERS

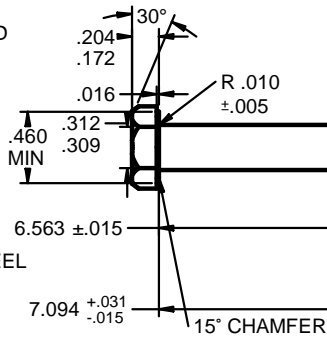
"AFC" LOGO

.025 MAX

RAISED OR INDENTED



"X" ALLOY STEEL  
GRADE MARK



5/16-24 UNF-3A  
ROLLED PER  
MIL-S-7742

.063 X 45°  
.031

SCALE: 0.75X

**DESIGN NOTES: AN5-70A AIRFRAME BOLT**

1. LENGTH 7-3/32" (7.094"), GRIP 6-9/16" (6.563"), 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 5-70 C2 CADMIUM TYPE 2 YELLOW PLATING  
 AFC 5-70 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING  
 AFC 5-70 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
 ↑ LENGTH 7.094"  
 ↑ BODY SIZE & THREAD .312-24 UNF-3A  
 ↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN5-70A

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.		<b>AIRFASCO.com</b> 2655 HARRISON AVE SW, CANTON, OHIO 44706 USA	
	APPROVALS DRAWN C.D.      DATE 6/10/13		PART NUMBER: AN5-70A_AFC5-70C2      REV	
ANGLES ±5°	CHECKED T.W.      DATE 6/10/13	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .162 / EACH LBS. [73.5 g]
.XX ±.03"	ENG APPR B.E.      DATE 6/10/13	SCALE: 0.75X		DRAWING NUMBER: AN5-70A_AFC5-70C2
.XXX ±.010"	MGR APPR D.D.      DATE 6/10/13	SHEET 1 OF 1		
.XXXX ±.001"				