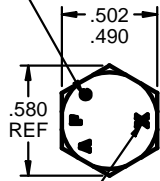
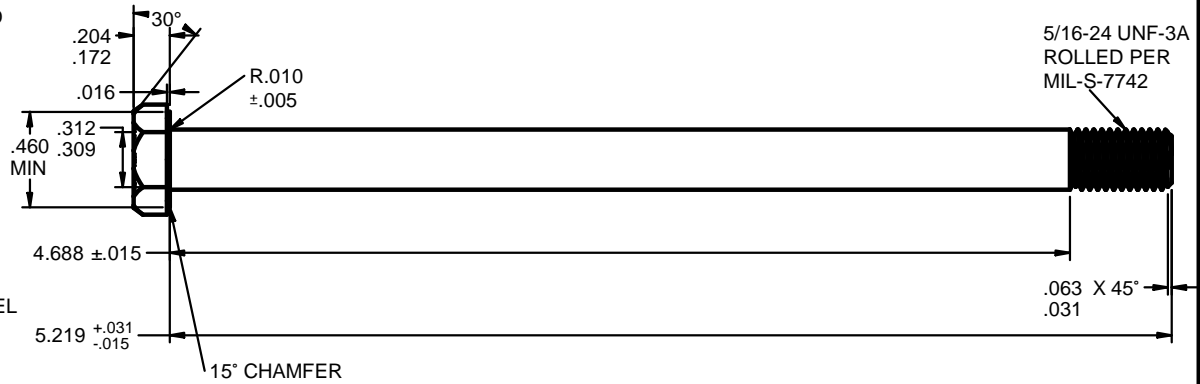


MANUFACTURERS
"AFC" LOGO
.025 MAX
RAISED OR INDENTED



"X" ALLOY STEEL
GRADE MARK



SCALE: 1X

DESIGN NOTES: AN5-51A AIRFRAME BOLT

1. LENGTH 5-7/32" (5.219"), GRIP 4-11/16" (4.688"), 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 5-51 C2- CADMIUM TYPE 2 YELLOW PLATING
AFC 5-51 C1- CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 5-51 TDC- THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
↑ LENGTH 5.219"
↑ BODY SIZE & THREAD .312-24 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN5-51A

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: AN5-51A_AFC5-51C2	REV
ANGLES	±5°	DRAWN	C.D.	6/10/13	EST. WEIGHT: .125 / EACH LBS. [56.9 g]
.XX	±.03"	CHECKED	T.W.	6/10/13	
.XXX	±.010"	ENG APPR	B.E.	6/10/13	SCALE: 1X DRAWING NUMBER: AN5-51A_AFC5-51C2 SHEET 1 OF 1
.XXXX	±.001"	MGR APPR	D.D.	6/10/13	