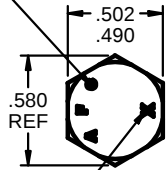
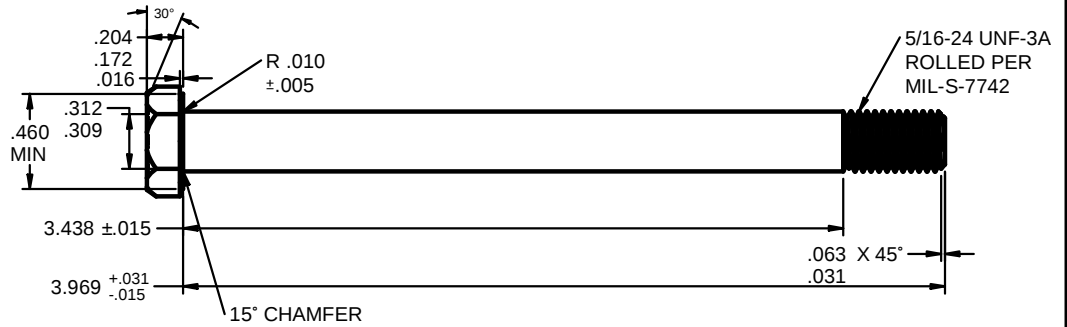


MANUFACTURERS
"AFC" LOGO
.025 MAX
RAISED OR INDENTED



"X" ALLOY STEEL
GRADE MARK



SCALE: 1X

DESIGN NOTES: AN5-37A AIRFRAME BOLT

1. LENGTH 3-31/32" (3.969"), GRIP 3-7/16" (3.438"), 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 5-37 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 5-37 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 5-37 TDC THERMAL DIFFUSION COATED ASTM A1059
↑ FINISH
↑ LENGTH 3.969"
↑ BODY SIZE & THREAD .312-24 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN5-37A

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: AN5-37A_AFC5-37C2				REV
ANGLES ±5°		DRAWN C.D.		6/10/13	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED		EST. WEIGHT: .094 / EACH LBS. [43.0 g]	
XX ±.03"		CHECKED T.W.		6/10/13					
XXX ±.010"		ENG APPR B.E.		6/10/13					
XXXX ±.001"		MGR APPR D.D.		6/10/13					
					SCALE: 1X	DRAWING NUMBER: AN5-37A_AFC5-37C2			SHEET 1 OF 1