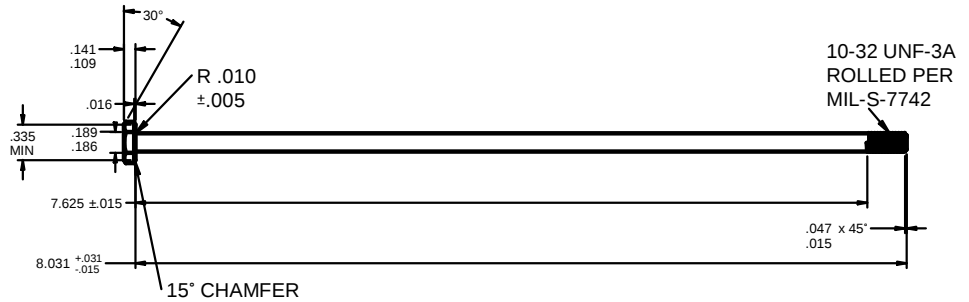
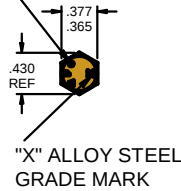


MANUFACTURERS
"AFC" LOGO
.025 MAX
RAISED OR INDENTED



SCALE: .5X

DESIGN NOTES: AN3-80A AIRFRAME BOLT

1. LENGTH 8-1/32" (8.031"), GRIP 7-5/8" (7.625"), THREAD 10-32 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. PREFERRED 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 10-32 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 2,210 LBS. [9,830 N] MIN.
8. YIELD 1,690 LBS. [7,517 N] MIN.
9. SINGLE SHEAR 2,125 LBS. [9,415 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 3-80 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 3-80 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 3-80 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
↑ LENGTH 8.031"
↑ BODY SIZE & THREAD .190-32 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN3-80A

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: AN3-80A_AFC3-80C2	REV		
	DRAWN C.D.		6/10/13					
	XX ±.03"		CHECKED T.W.		SIZE A MATERIAL: 4037 / 8740 OR AS NOTED		EST. WEIGHT: .073 / EACH LBS. [33.11 g]	
	XXX ±010"		ENG APPR B.E.		6/10/13			
XXXX ±.001"		MGR APPR D.D.		6/10/13		SCALE: .5X	DRAWING NUMBER: AN3-80A_AFC3-80C2	SHEET 1 OF 1