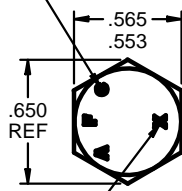
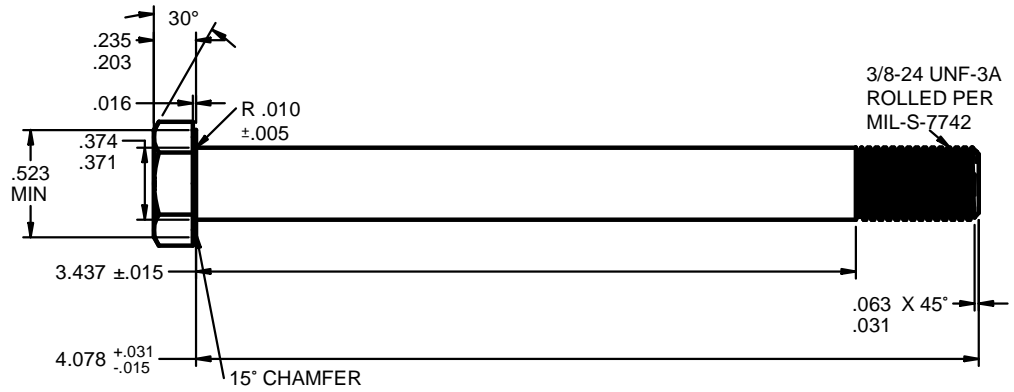


MANUFACTURERS  
"AFC" LOGO  
.025 MAX  
RAISED OR INDENTED



"X" ALLOY STEEL  
GRADE MARK



SCALE: 1X

**DESIGN NOTES: AN6-40A AIRFRAME BOLT**

1. LENGTH 4-5/64" (4.078"), GRIP 3-7/16" (3.437"), THREAD 3/8-24 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 3/8-24 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 10,100 LBS. [44,927 N] MIN.
8. YIELD 7,740 LBS. [34,429 N] MIN.
9. SINGLE SHEAR 8,280 LBS. [36,831 N] MIN. SHORT LENGTH N/A.



EXAMPLE PART NUMBER

ACTUAL SIZE

AFC 6-40 C2 CADMIUM TYPE 2 YELLOW PLATING  
AFC 6-40 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING  
AFC 6-40 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
↑ LENGTH 4.078"  
↑ BODY SIZE & THREAD .375-24 UNF-3A  
↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
PART NUMBER: AN6-40A

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	DATE	PART NUMBER: AN6-40A_AFC6-40C2	REV
ANGLES ±5°	DRAWN M.B.	3/21/2014	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED
.XX ±.03"	CHECKED T.W.	3/21/2014	EST. WEIGHT: .139 / EACH LBS. [63.4 g]	
.XXX ±.010"	ENG APPR B.E.	3/21/2014	SCALE: 1X	
.XXXX ±.001"	MGR APPR D.D.	3/21/2014	DRAWING NUMBER: AN6-40A_AFC6-40C2	
			SHEET 1 OF 1	