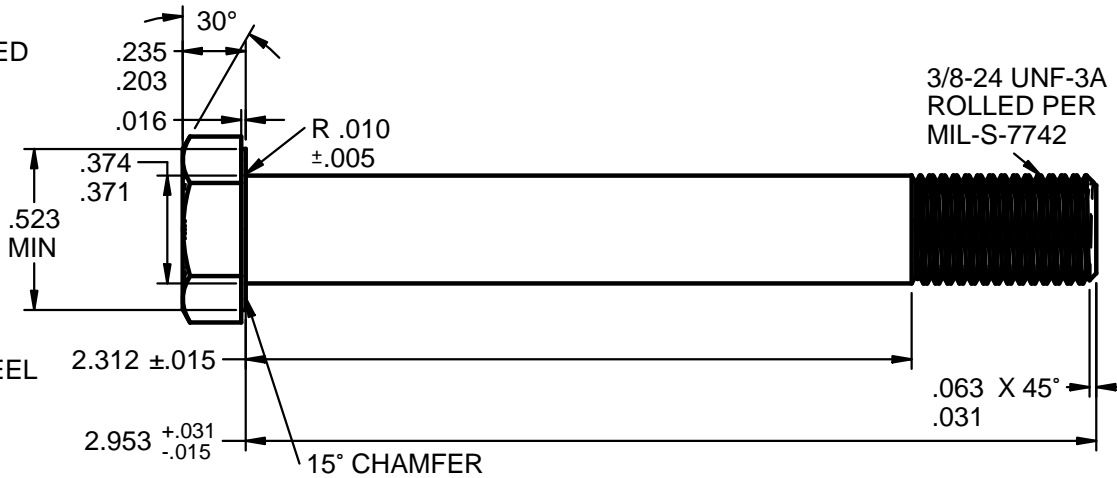
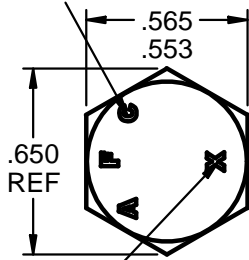


**MANUFACTURERS**

"AFC" LOGO  
 .025 MAX  
 RAISED OR INDENTED



SCALE: 1.5X

**DESIGN NOTES: AN6-27A AIRFRAME BOLT**

1. LENGTH 2-61/64" (2.953"), GRIP 2-5/16" (2.312"), 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

AFC 6-27 C2 CADMIUM TYPE 2 YELLOW PLATING  
 AFC 6-27 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING  
 AFC 6-27 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
 ↑ LENGTH 2.953"  
 ↑ BODY SIZE & THREAD .375-24 UNF-3A  
 ↑ MANUFACTURER AIRFASCO



ACTUAL SIZE

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
 PART NUMBER: AN6-27A

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 M.B. DATE 3/18/2014		PART NUMBER: AN6-27A_AFC6-27C2 REV	
ANGLES ±5°	CHECKED T.W. DATE 3/18/2014	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .105 / EACH LBS. [47.7 g]
.XX ±.03"	ENG APPR B.E. DATE 3/18/2014	SCALE: 1.5X	DRAWING NUMBER: AN6-27A_AFC6-27C2 SHEET 1 OF 1	
.XXX ±.010"	MGR APPR D.D. DATE 3/18/2014			
.XXXX ±.001"				