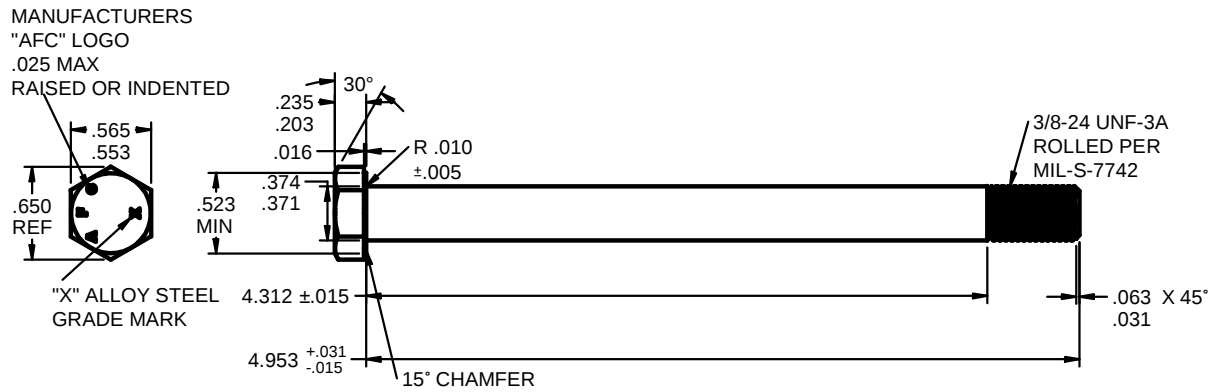




SCALE: 0.75X

DESIGN NOTES: AN6-47A AIRFRAME BOLT

1. LENGTH 4-61/64" (4.953"), GRIP 4-5/16" (4.312"), 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

ACTUAL SIZE

AFC 6-47 C2 CADMIUM TYPE 2 YELLOW PLATING
 AFC 6-47 C1- CADMIUM TYPE 1 PLAIN WHITE PLATING
 AFC 6-47 TDC THERMAL DIFFUSION COATED ASTM A1059
 ↑ FINISH
 ↑ LENGTH 4.953"
 ↑ BODY SIZE & THREAD .375-24 UNF-3A
 ↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
 PART NUMBER: AN6-47A

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: AN6-47A_AFC6-47C2	
ANGLES	±5°	DRAWN	M.B.	3/24/14	REV
XX	±.03"	CHECKED	T.W.	3/24/14	
XXX	±.010"	ENG APPR	B.E.	3/24/14	
XXXX	±.001"	MGR APPR	D.D.	3/24/14	
SCALE: 0.75X		DRAWING NUMBER: AN6-47A_AFC6-47C2		SHEET 1 OF 1	
SIZE A		MATERIAL: 4037 / 8740 OR AS NOTED		EST. WEIGHT: .165 / EACH LBS. [75.1 g]	