



SCALE: 0.75X

DESIGN NOTES: AN4-77A AIRFRAME BOLT

1. LENGTH 7-29/32" (7.906"), GRIP 7-7/16" (7.437"), THREAD 1/4-28 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 1/4-28 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 4,080 LBS. [18,148 N] MIN.
8. YIELD 3,130 LBS. [13,922 N] MIN.
9. SINGLE SHEAR 3,680 LBS. [16,369 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 4-77 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 4-77 CI- CADMIUM TYPE I PLAIN WHITE PLATING
AFC 4-77 TDC THERMAL DIFFUSION COATED ASTM A1059

FINISH
 LENGTH 7.906"
 BODY SIZE & THREAD .25-28 UNF-3A
 MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
 PART NUMBER: AN4-77A

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 DRAWN C.D. CHECKED T.W. ENG APPR B.E. MGR APPR D.D.		DATE 6/10/13 6/10/13 6/10/13 6/10/13	
ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001"	PART NUMBER: AN4-77A_AFC4-77C2		REV	
SIZE A		MATERIAL: 4037 / 8740 OR AS NOTED		EST. WEIGHT: .112/ EACH LBS. [50.80 g]
SCALE: 0.75X		DRAWING NUMBER: AN4-77A_AFC4-77C2		SHEET 1 OF 1