

SCALE: 0.75X

DESIGN NOTES: AN4-80A AIRFRAME BOLT

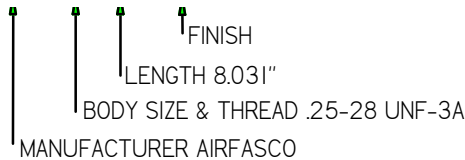
1. LENGTH 8-1/32" (8.031"), GRIP 7-9/16" (7.562"), THREAD 1/4-28 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. PREFERRED MATERIAL ALLOY STEEL PER PROCUREMENT SPECIFICATION.
 UNS G40370 AMS6300 DFAR EXEMPT
 UNS G87400 AMS6322 DFAR APPLIES
 UNS G41400 AMS6382 DFAR APPLIES
 UNS G41300 AMS-S-6758 DFAR 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 4-80 C2 CADMIUM TYPE 2 YELLOW PLATING
- AFC 4-80 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
- AFC 4-80 TDC THERMAL DIFFUSION COATED ASTM A1059



UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
 PART NUMBER: AN4-80A

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 DRAWN C.D. DATE 6/10/13 CHECKED T.W. DATE 6/10/13 ENG APPR B.E. DATE 6/10/13 MGR APPR D.D. DATE 6/10/13		PART NUMBER: AN4-80A_AFC4-80C2 SIZE A MATERIAL: 4037 / 8740 OR AS NOTED EST. WEIGHT: .121/ EACH LBS. [55.2 g]	
ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001"	SCALE: 0.75X DRAWING NUMBER: AN4-80A_AFC4-80C2 SHEET 1 OF 1		REV	