



SCALE: 0.75X

DESIGN NOTES: AN9-44A AIRFRAME BOLT

1. LENGTH 4-21/32" (4.656"), GRIP 3-3/4" (3.750"), THREAD 9/16-18 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 9/16-18 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 23,600 LBS. [104,978 N] MIN.
8. YIELD 18,100 LBS. [80,512 N] MIN.
9. SINGLE SHEAR 18,700 LBS. [83,181 N] MIN. SHORT LENGTH N/A.



EXAMPLE PART NUMBER

ACTUAL SIZE

AFC 9-44 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 9-44 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 9-44 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
↑ LENGTH 4.656"
↑ BODY SIZE & THREAD .563-18 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN9-44A

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: AN9-44A_AFC9-44C2	REV
ANGLES ±5°	DRAWN M.B.	11/17/14	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .373 / EACH LBS. [169.4 g]
.XX ±.03"	CHECKED T.W.	11/17/14	SCALE: 0.75X		DRAWING NUMBER: AN9-44A_AFC9-44C2
.XXX ±.010"	ENG APPR B.E.	11/17/14	SHEET 1 OF 1		
.XXXX ±.001"	MGR APPR D.D.	11/17/14			