

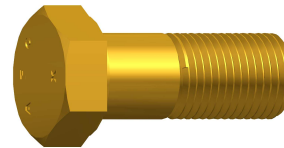
DESIGN NOTES: AN7-10A AIRFRAME BOLT

1. LENGTH 1-3/32" (1.093"), GRIP 7/16" (.437"), THREAD 7/16-20 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 7/16-20 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 13,600 LBS. [60,495 N] MIN.
8. YIELD 10,430 LBS. [46,394 N] MIN.
9. SINGLE SHEAR 11,250 LBS. [50,042 N] MIN. SHORT LENGTH N/A.

EXAMPLE PART NUMBER

AFC 7-10 C2 - CADMIUM TYPE 2 YELLOW PLATING
AFC 7-10 C1 - CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 7-10 TDC - THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
 ↑ LENGTH 1.093"
 ↑ BODY SIZE & THREAD .437-20 UNF-3A
 ↑ MANUFACTURER AIRFASCO



ACTUAL SIZE

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
 PART NUMBER: AN7-10A

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 M.B. CHECKED T.W. ENG APPR B.E. MGR APPR D.D.		PART NUMBER: AN7-10A_AFC7-10C2	
ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001"	DATE 4/11/14 4/11/14 4/11/14	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .064 / EACH LBS. [29.3 g]
		SCALE: 2X	DRAWING NUMBER: AN7-10A_AFC7-10C2	SHEET 1 OF 1