



SCALE: 0.75X

DESIGN NOTES: AN6-70A AIRFRAME BOLT

1. LENGTH 7-5/64" (7.078"), GRIP 6-7/16" (6.437"), 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.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 6-70 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 6-70 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 6-70 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
↑ LENGTH 7.078"
↑ BODY SIZE & THREAD .375-24 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN6-70A

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: AN6-70A_AFC6-70C2	REV
ANGLES ±5°	DRAWN M.B.	4/7/14	SIZE A MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .239 / EACH LBS. [108.8 g]
.XX ±.03"	CHECKED T.W.	4/7/14		
.XXX ±.010"	ENG APPR B.E.	4/7/14	SCALE: 0.75X	DRAWING NUMBER: AN6-70A_AFC6-70C2
.XXXX ±.001"	MGR APPR D.D.	4/7/14		