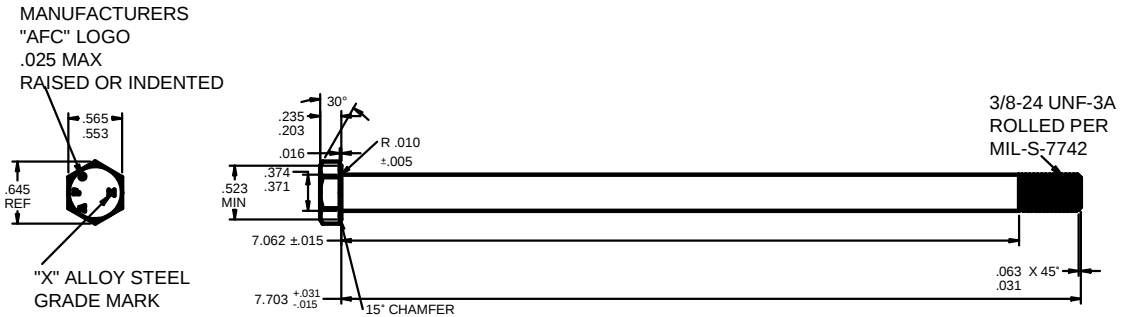




SCALE: 0.50X

DESIGN NOTES: AN6-75A AIRFRAME BOLT

1. LENGTH 7-45/64" (7.703"), GRIP 7-1/16" (7.062"), 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 6-75 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 6-75 C1- CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 6-75 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
↑ LENGTH 7.703"
↑ BODY SIZE & THREAD .375-24 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN6-75A

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:	AN6-75A_AFC6-75C2	REV
ANGLES ±5°	DRAWN M.B.	4/9/14	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .258 / EACH LBS. [117.2 g]
.XX ±.03"	CHECKED T.W.	4/9/14	SCALE: 0.5X DRAWING NUMBER: AN6-75A_AFC6-75C2 SHEET 1 OF 1		
.XXX ±.010"	ENG APPR B.E.	4/9/14			
.XXXX ±.001"	MGR APPR D.D.	4/9/14			