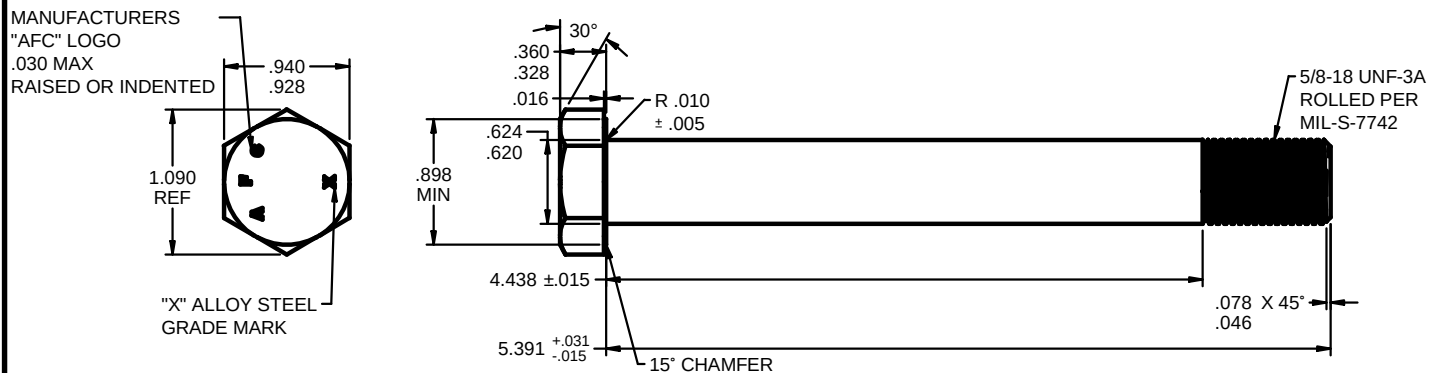




SCALE: 0.7X

DESIGN NOTES: AN10-52A AIRFRAME BOLT

1. LENGTH 5-25/64" (5.391"), GRIP 4-7/16" (4.438"), THREAD 5/8-18 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 5/8-18 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 30,100 LBS. [133,891 N] MIN.
8. YIELD 23,080 LBS. [102,665 N] MIN.
9. SINGLE SHEAR 23,000 LBS. [102,309 N] MIN. SHORT LENGTH N/A.



EXAMPLE PART NUMBER

ACTUAL SIZE

AFC 10-52 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 10-52 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 10-52 TDC THERMAL DIFFUSION COATED ASTM A1059
↑ FINISH
↑ LENGTH 5.391"
↑ BODY SIZE & THREAD .625-18 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN10-52A

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: AN10-52A_AFC10-52C2			REV		
	ANGLES	±5°	DRAWN	M.B.	2/19/15	SIZE A		MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .526 / EACH LBS. [239.0 g]
	XX	±.03"	CHECKED	T.W.	2/19/15	DRAWING NUMBER: AN10-52A_AFC10-52C2			SHEET 1 OF 1
	XXX	±010"	ENG APPR	B.E.	2/19/15				
XXXX	±.001"	MGR APPR	D.D.	2/19/15	SCALE: 0.7X				