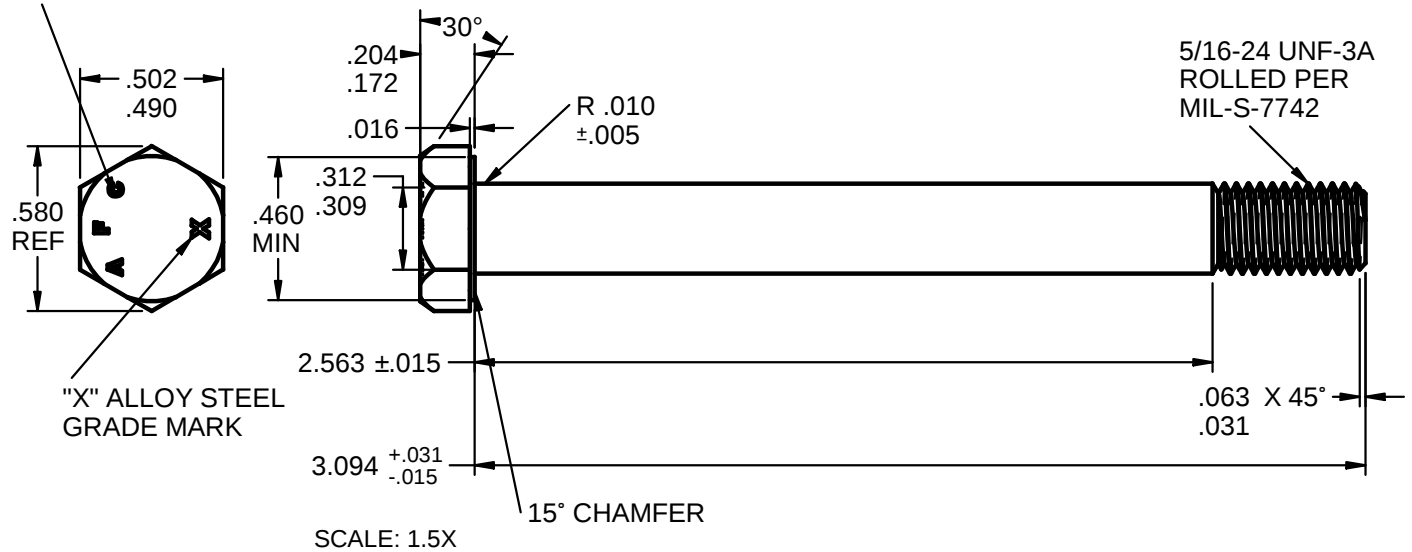


MANUFACTURERS
"AFC" LOGO
.025 MAX
RAISED OR INDENTED



DESIGN NOTES: AN5-30A AIRFRAME BOLT

1. LENGTH 3-3/32" (3.094"), GRIP 2-9/16" (2.563"), THREAD 5/16-24 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 5/16-24 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 6,500 LBS. [28,913 N] MIN.
8. YIELD 4,980 LBS. [22,152 N] MIN.
9. SINGLE SHEAR 5,750 LBS. [25,577 N] MIN. SHORT LENGTH N/A.

EXAMPLE PART NUMBER

AFC 5-30 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 5-30 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 5-30 TDC THERMAL DIFFUSION COATED ASTM A1059
↑ FINISH
↑ LENGTH 3.094"
↑ BODY SIZE & THREAD .312-24 UNF-3A
↑ MANUFACTURER AIRFASCO



ACTUAL SIZE

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN5-30A

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: AN5-30A_AFC5-30C2		REV
	ANGLES ±5°	DRAWN C.D.	6/10/13	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .074 / EACH LBS. [33.9 g]
	XX ±.03"	CHECKED T.W.	6/10/13			
XXX ±010"	ENG APPR B.E.	6/10/13				
XXXX ±001"	MGR APPR D.D.	6/10/13	SCALE: 1.5X	DRAWING NUMBER: AN5-30A_AFC5-30C2		SHEET 1 OF 1