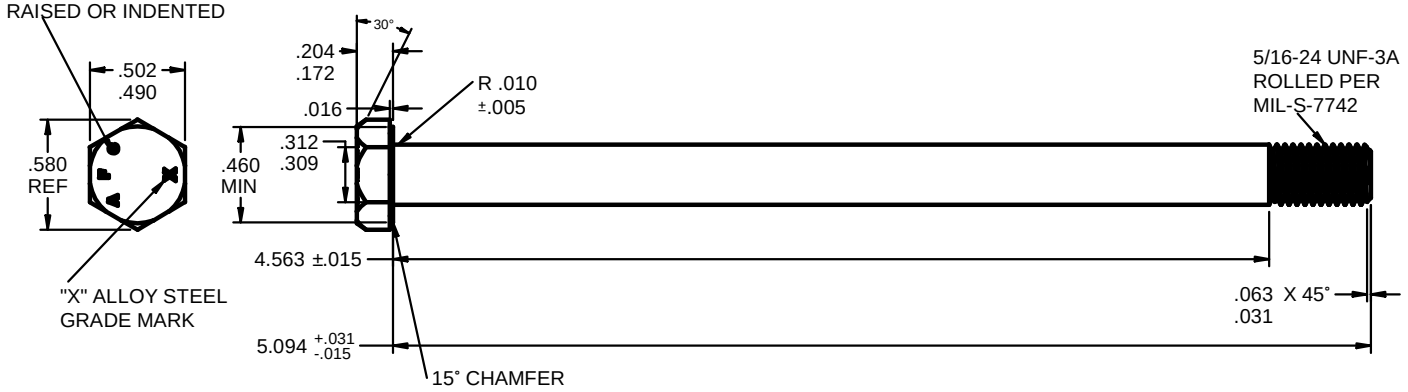

SCALE: 1X

DESIGN NOTES: AN5-50A AIRFRAME BOLT

1. LENGTH 5-3/32" (5.094"), GRIP 4-9/16" (4.563"), 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.

ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 5-50 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 5-50 CI - CADMIUM TYPE I PLAIN WHITE PLATING
AFC 5-50 TDC THERMAL DIFFUSION COATED ASTM A1059

- FINISH
- LENGTH 5.094"
- BODY SIZE & THREAD .312-24 UNF-3A
- MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN5-50A

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: AN5-50A_AFC5-50C2	REV
ANGLES ±5°	DRAWN C.D. 6/10/13		
.XX ±.03"	CHECKED T.W. 6/10/13	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED
.XXX ±010"	ENG APPR B.E. 6/10/13		EST. WEIGHT: .117 / EACH LBS. [53.4 g]
.XXXX ±.001"	MGR APPR D.D. 6/10/13	SCALE: IX	DRAWING NUMBER: AN5-50A_AFC5-50C2 / SHEET 1 OF 1