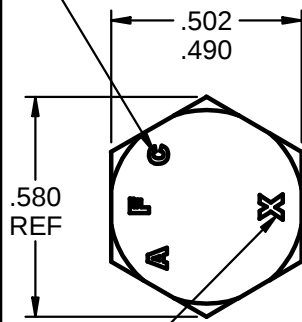
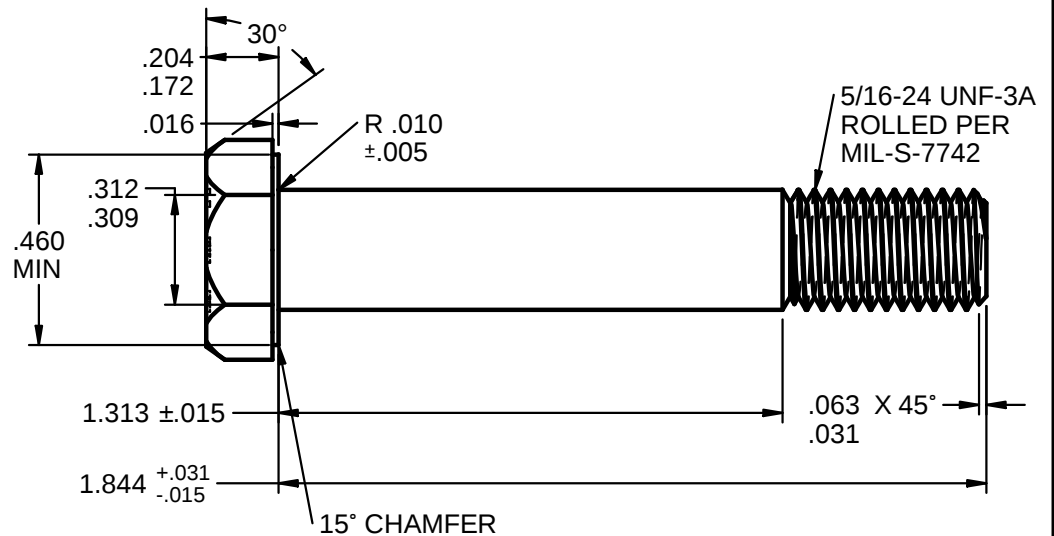


MANUFACTURERS
"AFC" LOGO
.025 MAX
RAISED OR INDENTED



"X" ALLOY STEEL
GRADE MARK



SCALE: 2X

DESIGN NOTES: AN5-16A AIRFRAME BOLT

1. LENGTH 1-27/32" (1.844"), GRIP 1-5/16" (1.313"), 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 5-16 C2- CADMIUM TYPE 2 YELLOW PLATING
AFC 5-16 C1- CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 5-16 TDC- THERMAL DIFFUSION COATED ASTM A1059
↑ FINISH
↑ LENGTH 1.844"
↑ BODY SIZE & THREAD .312-24 UNF-3A
↑ MANUFACTURER AIRFASCO



ACTUAL SIZE

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN5-16A

DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982

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AIRFASCO.com

2655 HARRISON AVE SW, CANTON, OHIO 44706 USA

APPROVALS		DATE	PART NUMBER: AN5-16A_AFC5-16C2		REV
ANGLES	±5°	DRAWN C.D.	6/10/13		
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: 2X		DRAWING NUMBER: AN5-16A_AFC5-16C2		SHEET 1 OF 1	

SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .048 / EACH LBS. [22.1 g]
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