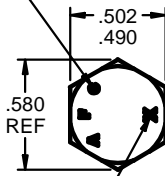
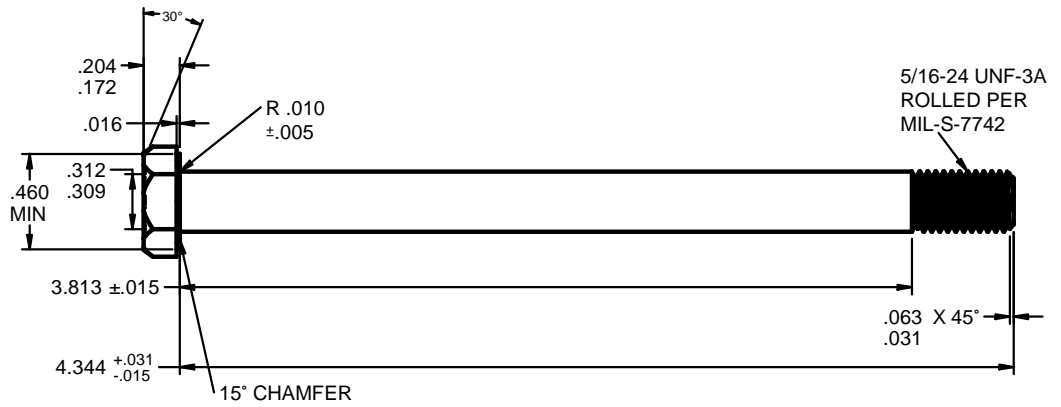


MANUFACTURERS
"AFC" LOGO
.025 MAX
RAISED OR INDENTED



"X" ALLOY STEEL
GRADE MARK



SCALE: 1X

DESIGN NOTES: AN5-42A AIRFRAME BOLT

1. LENGTH 4-11/32" (4.344"), GRIP 3-13/16" (3.813"), 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

ACTUAL SIZE

AFC 5-42 C2 CADMIUM TYPE 2 YELLOW PLATING
 AFC 5-42 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
 AFC 5-42 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
 ↑ LENGTH 4.344"
 ↑ BODY SIZE & THREAD .312-24 UNF-3A
 ↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN5-42A

| | | | | | |
|---|--|---------|--|--|-----------------------------------|
| 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 | |
| | APPROVALS | | | DATE | |
| ANGLES ±5° | DRAWN C.D. | 6/10/13 | | PART NUMBER: AN5-42A_AFC5-42C2 | |
| .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: .101 / EACH LBS. [46.2 g] | |
| .XXXX ±.001" | MGR APPR D.D. | 6/10/13 | | SCALE: 1X | DRAWING NUMBER: AN5-42A_AFC5-42C2 |
| | | | | | SHEET 1 OF 1 |