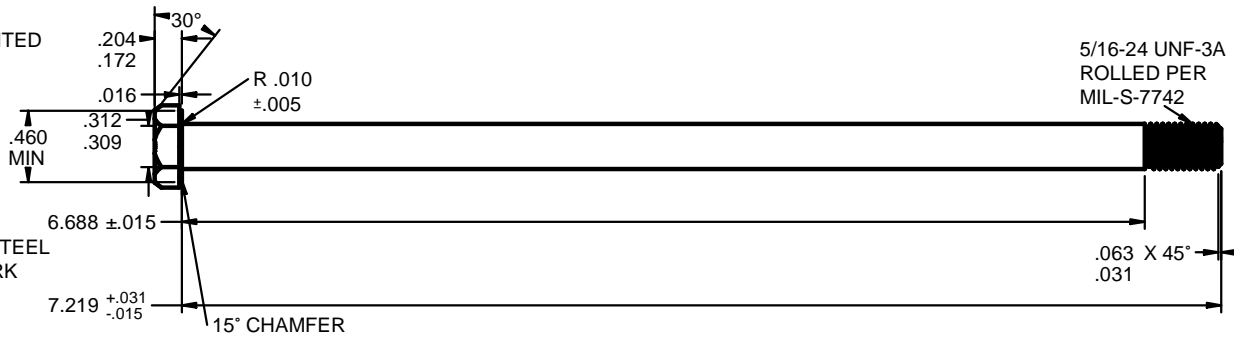
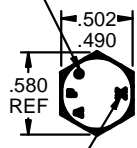


MANUFACTURERS  
"AFC" LOGO  
.025 MAX  
RAISED OR INDENTED



SCALE: 0.75X

DESIGN NOTES: AN5-71A AIRFRAME BOLT

1. LENGTH 7-7/32" (7.219"), GRIP 6-11/16" (6.688"), 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 5-71 C2- CADMIUM TYPE 2 YELLOW PLATING  
 AFC 5-71 C1- CADMIUM TYPE 1 PLAIN WHITE PLATING  
 AFC 5-71 TDC- THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
 ↑ LENGTH 7.219"  
 ↑ BODY SIZE & THREAD .312-24 UNF-3A  
 ↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
 PART NUMBER: AN5-71A

|   |  |                                   |  |              |
|---|--|-----------------------------------|--|--------------|
| 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. |                                   | <b>AIRFASCO.com</b><br>2655 HARRISON AVE SW, CANTON, OHIO 44706 USA                    |              |
|   | APPROVALS<br>DRAWN C.D.<br>CHECKED T.W.<br>ENG APPR B.E.<br>MGR APPR D.D.  |                                   | DATE<br>6/10/13<br>6/10/13<br>6/10/13<br>6/10/13                                       |              |
| ANGLES ±5°<br>.XX ±.03"<br>.XXX ±.010"<br>.XXXX ±.001"  | PART NUMBER: AN5-71A_AFC5-71C2   |                                   | REV<br>SIZE A MATERIAL: 4037 / 8740 OR AS NOTED EST. WEIGHT: .164 / EACH LBS. [74.4 g] |              |
| SCALE: 0.75X  |  | DRAWING NUMBER: AN5-71A_AFC5-71C2 |  | SHEET 1 OF 1 |