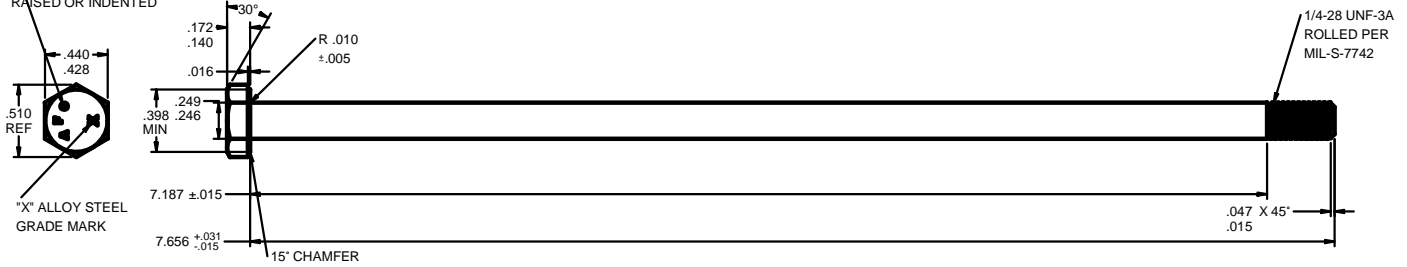


MANUFACTURERS  
"AFC" LOGO  
.025 MAX  
RAISED OR INDENTED



SCALE: 0.75X

**DESIGN NOTES:** AN4-75A AIRFRAME BOLT

1. LENGTH 7-21/32" (7.656"), GRIP 7-3/16" (7.187"), THREAD 1/4-28 UNF-3A.
2. PROCUREMENT SPECIFICATION NASM6812.
3. PREFERRED 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 1/4-28 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 4,080 LBS. [18,148 N] MIN.
8. YIELD 3,130 LBS. [13,922 N] MIN.
9. SINGLE SHEAR 3,680 LBS. [16,369 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 4-75 C2 CADMIUM TYPE 2 YELLOW PLATING  
 AFC 4-75 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING  
 AFC 4-75 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH  
 ↑ LENGTH 7.656"  
 ↑ BODY SIZE & THREAD 0.25-28 UNF-3A  
 ↑ MANUFACTURER AIRFASCO

**UNCONTROLLED**

CONFORMS TO: NASM3 THRU NASM20  
 PART NUMBER: AN4-75A

|   |  |         |   |                                   |                                       |
|---|--|---------|---|-----------------------------------|---------------------------------------|
| 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  |         | DATE  | PART NUMBER: AN4-75A_AFC4-75C2    | REV                                   |
| ANGLES ±5°  | DRAWN C.D.   | 6/10/13 | SIZE A  | MATERIAL: 4037 / 8740 OR AS NOTED | EST. WEIGHT: .116/ EACH LBS. [53.0 g] |
| .XX ±.03"   | CHECKED T.W.   | 6/10/13 | SCALE: 0.75X  |                                   | DRAWING NUMBER: AN4-75A_AFC4-75C2     |
| .XXX ±.010"   | ENG APPR B.E.  | 6/10/13 | SHEET 1 OF 1  |                                   |                                       |
| .XXXX ±.001"  | MGR APPR D.D.  | 6/10/13 |   |                                   |                                       |