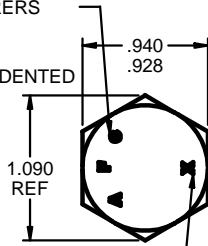
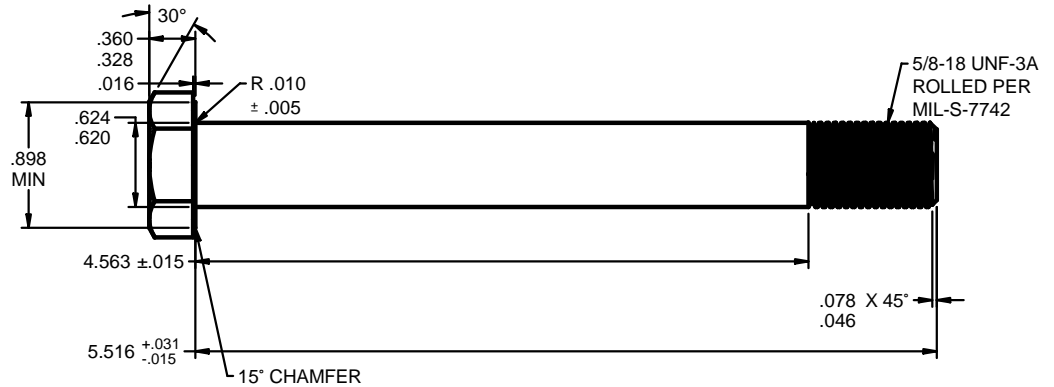


MANUFACTURERS
"AFC" LOGO
.030 MAX
RAISED OR INDENTED



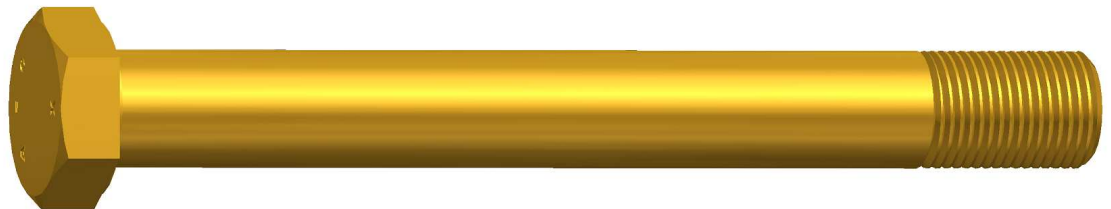
"X" ALLOY STEEL
GRADE MARK



SCALE: 0.7X

DESIGN NOTES: AN10-53A AIRFRAME BOLT

1. LENGTH 5-33/64" (5.516"), GRIP 4-9/16" (4.563"), THREAD 5/8-18 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 5/8-18 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 30,100 LBS. [133,891 N] MIN.
8. YIELD 23,080 LBS. [102,665 N] MIN.
9. SINGLE SHEAR 23,000 LBS. [102,309 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 10-53 C2 CADMIUM TYPE 2 YELLOW PLATING
 AFC 10-53 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
 AFC 10-53 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
 ↑ LENGTH 5.516"
 ↑ BODY SIZE & THREAD .625-18 UNF-3A
 ↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN10-53A

| | | | | |
|---|--|--|--|--|
| 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 DRAWN M.B. DATE 2/19/15 CHECKED T.W. DATE 2/19/15 ENG APPR B.E. DATE 2/19/15 MGR APPR D.D. DATE 2/19/15 | | PART NUMBER: AN10-53A_AFC10-53C2 SIZE A MATERIAL: 4037 / 8740 OR AS NOTED EST. WEIGHT: .542 / EACH LBS. [245.9 g] | |
| ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001" | SCALE: 0.7X DRAWING NUMBER: AN10-53A_AFC10-53C2 SHEET 1 OF 1 | | REV | |