



SCALE: 0.65X

DESIGN NOTES: AN8-67A AIRFRAME BOLT

1. LENGTH 6-31/32" (6.968"), GRIP 6-3/16" (6.187"), THREAD 1/2-20 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 1/2-20 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 18,500 LBS. [82,292 N] MIN.
8. YIELD 14,190 LBS. [63,120 N] MIN.
9. SINGLE SHEAR 14,700 LBS. [65,388 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 8-67 C2 CADMIUM TYPE 2 YELLOW PLATING
 AFC 8-67 CI- CADMIUM TYPE I PLAIN WHITE PLATING
 AFC 8-67 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
 ↑ LENGTH 6.968"
 ↑ BODY SIZE & THREAD 0.5-20 UNF-3A
 ↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
 PART NUMBER: AN8-67A

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| 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 6/5/2014 CHECKED T.W. DATE 6/5/2014 ENG APPR B.E. DATE 6/5/2014 MGR APPR D.D. DATE 6/5/2014 | | PART NUMBER: AN8-67A_AFC8-67C2 SIZE A MATERIAL: 4037 / 8740 OR AS NOTED EST. WEIGHT: .414 / EACH LBS. [188.2 g] | |
| ANGLES ±5° .XX ±.03" .XXX ±.010" .XXXX ±.001" | SCALE: 0.65X DRAWING NUMBER: AN8-67A_AFC8-67C2 | | REV SHEET 1 OF 1 | |