



SCALE: 0.65X

DESIGN NOTES: AN10-65A AIRFRAME BOLT

1. LENGTH 6-49/64" (6.766"), GRIP 5-13/16" (5.813"), 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 10-65 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 10-65 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 10-65 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
 ↑ LENGTH 6.766"
 ↑ BODY SIZE & THREAD .625-18 UNF-3A
 ↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
 PART NUMBER: AN10-65A

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		PART NUMBER: AN10-65A_AFC10-65C2 REV	
ANGLES ±5°	CHECKED T.W. DATE 2/19/15	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED	EST. WEIGHT: .646 / EACH LBS. [293.4 g]
.XX ±.03"	ENG APPR B.E. DATE 2/19/15	SCALE: 0.65X		DRAWING NUMBER: AN10-65A_AFC10-65C2 SHEET 1 OF 1
.XXX ±.010"	MGR APPR D.D. DATE 2/19/15			
.XXXX ±.001"				