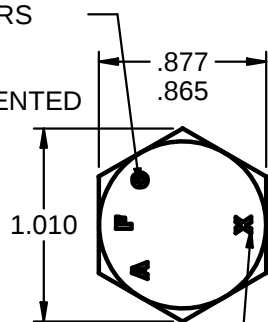


MANUFACTURERS

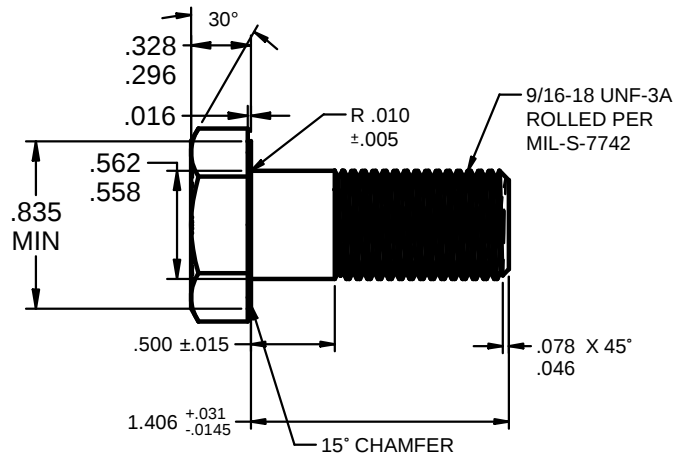
"AFC" LOGO

.025 MAX

RAISED OR INDENTED



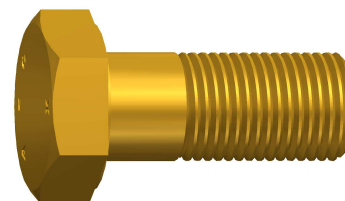
"X" ALLOY STEEL
GRADE MARK



SCALE: 1.0X

DESIGN NOTES: AN9-12A AIRFRAME BOLT

1. LENGTH 1-13/32" (1.406"), GRIP 1/2" (.500"), THREAD 9/16-18 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 9/16-18 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 23,600 LBS. [104,978 N] MIN.
8. YIELD 18,100 LBS. [80,512 N] MIN.
9. SINGLE SHEAR 18,700 LBS. [83,181 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 9-12 C2- CADMIUM TYPE 2 YELLOW PLATING
AFC 9-12 C1- CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 9-12 TDC- THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH
↑ LENGTH 1.406"
↑ BODY SIZE & THREAD .563-18 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN9-12A

DIMENSIONS ARE IN INCHES AND TOLERANCES ARE AS SHOWN BELOW. DIMENSIONAL TOLERANCES AND SYMBOLS PER ANSI Y14.5M-1982

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AIRFASCO.com

2655 HARRISON AVE SW, CANTON, OHIO 44706 USA

		APPROVALS		DATE		PART NUMBER: AN9-12A_AFC9-12C2				REV	
ANGLES ±5°		DRAWN M.B.		11/17/14		SIZE A		MATERIAL: 4037 / 8740 OR AS NOTED		EST. WEIGHT: .145 / EACH LBS. [66.2 g]	
XX ±.03"		CHECKED T.W.		11/17/14							
XXX ±.010"		ENG APPR B.E.		11/17/14							
XXXX ±.001"		MGR APPR D.D.		11/17/14							
						SCALE: 1.0X		DRAWING NUMBER: AN9-12A_AFC9-12C2		SHEET 1 OF 1	