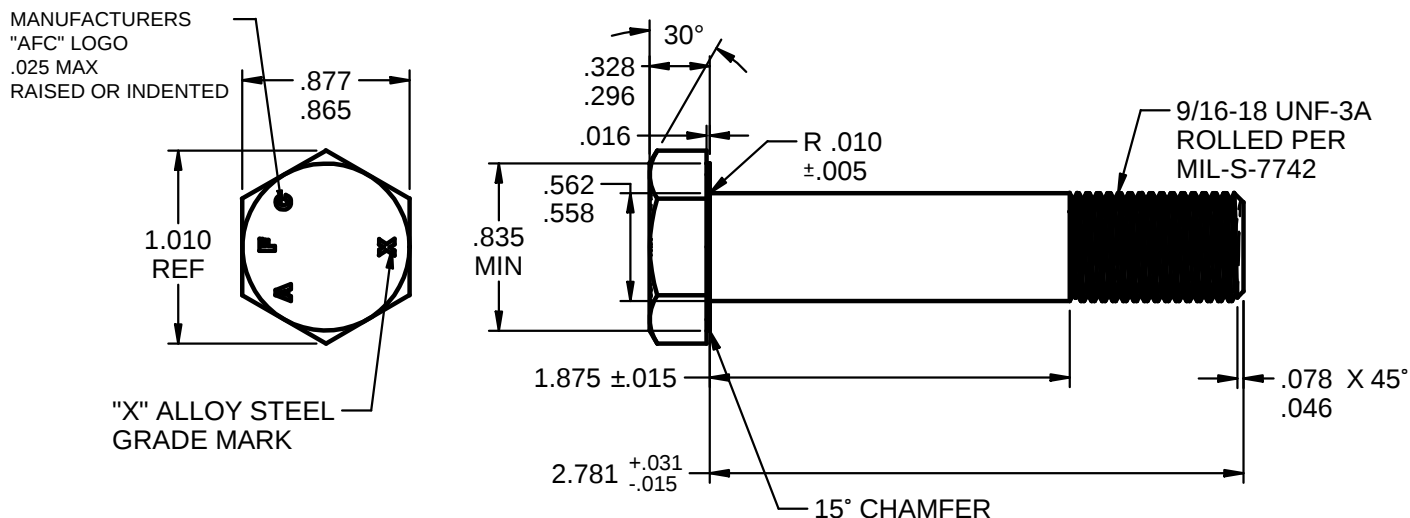




DESIGN NOTES: AN9-25A AIRFRAME BOLT

1. LENGTH 2-25/32" (2.781"), GRIP 1-7/8" (1.875"), 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.

EXAMPLE PART NUMBER

AFC 9-25 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 9-25 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 9-25 TDC THERMAL DIFFUSION COATED ASTM A1059

↑ FINISH

↑ LENGTH 2.781"

↑ BODY SIZE & THREAD .563-18 UNF-3A

↑ MANUFACTURER AIRFASCO



ACTUAL SIZE

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN9-25A

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

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		APPROVALS		DATE		PART NUMBER: AN9-25A_AFC9-25C2				REV	
ANGLES ±5°		DRAWN M.B.		11/17/14		SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED			EST. WEIGHT: .245 / EACH LBS. [111.4 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: AN9-25A_AFC9-25C2			SHEET 1 OF 1	