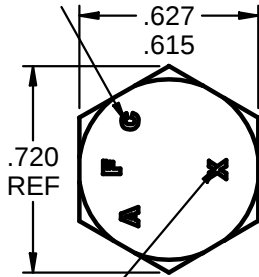
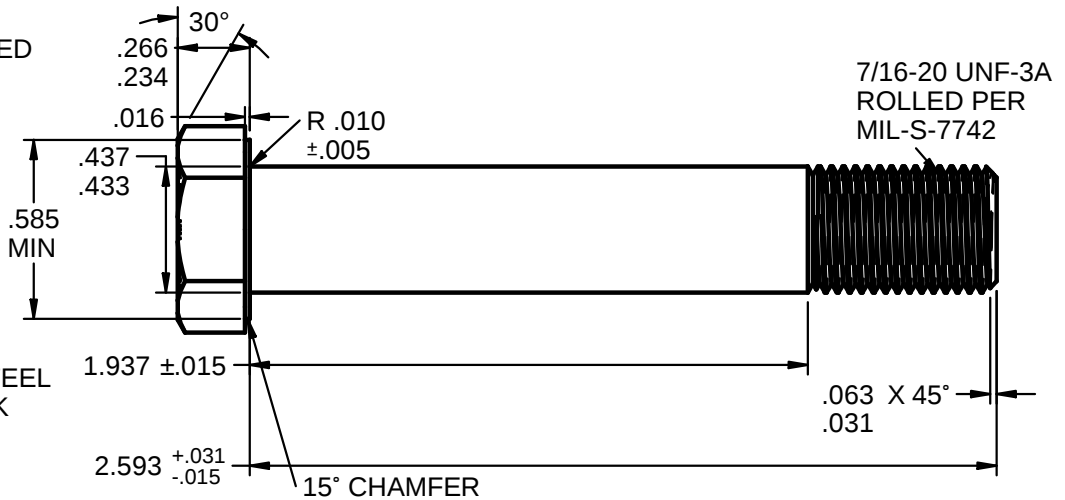


MANUFACTURERS
"AFC" LOGO
.025 MAX
RAISED OR INDENTED



"X" ALLOY STEEL
GRADE MARK



SCALE: 1.5X

DESIGN NOTES: AN7-24A AIRFRAME BOLT

1. LENGTH 2-19/32" (2.593"), GRIP 1-15/16" (1.937"), THREAD 7/16-20 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 7/16-20 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 13,600 LBS. [60,495 N] MIN.
8. YIELD 10,430 LBS. [46,394 N] MIN.
9. SINGLE SHEAR 11,250 LBS. [50,042 N] MIN. SHORT LENGTH N/A.

EXAMPLE PART NUMBER

AFC 7-24 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 7-24 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 7-24 TDC THERMAL DIFFUSION COATED ASTM A1059
↑ FINISH
↑ LENGTH 2.593"
↑ BODY SIZE & THREAD .437-20 UNF-3A
↑ MANUFACTURER AIRFASCO



ACTUAL SIZE

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN7-24A

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: AN7-24A_AFC7-24C2				REV	
ANGLES ±5°		DRAWN M.B.		4/11/14		SIZE A		MATERIAL: 4037 / 8740 OR AS NOTED		EST. WEIGHT: .126 / EACH LBS. [57.6 g]	
XX ±.03"		CHECKED T.W.		4/11/14							
XXX ±010"		ENG APPR B.E.		4/11/14							
XXXX ±.001"		MGR APPR D.D.		4/11/14							
						SCALE: 1.5X		DRAWING NUMBER: AN7-24A_AFC7-24C2		SHEET 1 OF 1	