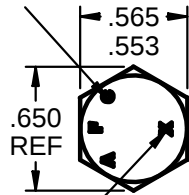
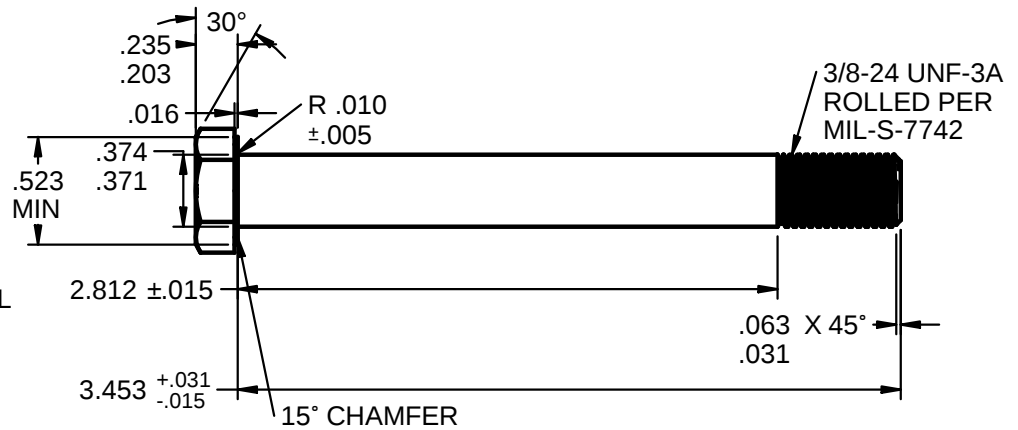


MANUFACTURERS
"AFC" LOGO
.025 MAX
RAISED OR INDENTED



"X" ALLOY STEEL
GRADE MARK



SCALE: 1X

DESIGN NOTES: AN6-33A AIRFRAME BOLT

1. LENGTH 3-29/64" (3.453"), GRIP 2-13/16" (2.812"), THREAD 3/8-24 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 3/8-24 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. TENSILE 10,100 LBS. [44,927 N] MIN.
8. YIELD 7,740 LBS. [34,429 N] MIN.
9. SINGLE SHEAR 8,280 LBS. [36,831 N] MIN. SHORT LENGTH N/A.



ACTUAL SIZE

EXAMPLE PART NUMBER

AFC 6-33 C2 CADMIUM TYPE 2 YELLOW PLATING
AFC 6-33 C1 CADMIUM TYPE 1 PLAIN WHITE PLATING
AFC 6-33 TDC THERMAL DIFFUSION COATED ASTM A1059
↑ FINISH
↑ LENGTH 3.453"
↑ BODY SIZE & THREAD .375-24 UNF-3A
↑ MANUFACTURER AIRFASCO

UNCONTROLLED

CONFORMS TO: NASM3 THRU NASM20
PART NUMBER: AN6-33A

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: AN6-33A_AFC6-33C2			REV		
ANGLES ±5°		DRAWN M.B.		3/19/2014	SIZE A	MATERIAL: 4037 / 8740 OR AS NOTED		EST. WEIGHT: .120 / EACH LBS. [54.5 g]		
XX ±.03"		CHECKED T.W.		3/19/2014						
XXX ±010"		ENG APPR B.E.		3/19/2014						
XXXX ±.001"		MGR APPR D.D.		3/19/2014						
					SCALE: 1X	DRAWING NUMBER: AN6-33A_AFC6-33C2			SHEET 1 OF 1	