



DESIGN NOTES: AN3-3 AIRFRAME BOLT

1. LENGTH 15/32", GRIP 1/16", THREAD 10-32 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 MIL-S-6758 DFAR APPLIES
4. HEAT TREAT MIL-H-6875 REQUIRED HRC 26-32, AIRFASCO SPECIFICATION HRC 28-32.
5. FINISH CADMIUM PLATED PER AMS-QQ-P-416, TYPE 2, CLASS 2.
6. THREADS 10-32 UNF-3A ROLLED PROCESS PER MIL-S-7742.
7. AIRFASCO REQUIREMENT DISCONTINUITIES BY NON-DESTRUCTIVE MAGNETIC PARTICLE INSPECTION. PER ASTM E 1444-05 SAMPLE LOT SIZE.
8. TENSILE 2,210 LBS. MIN., - YIELD 1,690 LBS. MIN., - SINGLE SHEAR 2,125 LBS. MIN. SHORT LENGTH N/A.



ACTUAL SIZE

UNCONTROLLED

CONFORMS TO: AN3-3, NASM3 THRU NASM20 REV2

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 , 2655 HARRISON AVE SW, CANTON, OHIO 44706 USA	
	APPROVALS		DATE	
ANGLES ±1°	DRAWN C.D.	6/10/13		PART NUMBER: AFC3-3DT BOLT, SHEAR - HEXAGON REV
.XX ±.03"	CHECKED T.W.	6/10/13		SIZE MATERIAL: EST. WEIGHT:
.XXX ±.010"	ENG APPR B.E.	6/10/13		A 4032 / 8740 OR AS NOTED .007 / EACH LBS.
.XXXX ±.001"	MGR APPR D.D.	6/10/13		SCALE: 2X DRAWING NUMBER: AN3-3DT SHEET 1 OF 1