



1. CHOOSE HEIGHT AT WHICH TO MOUNT HARDWARE AND MARK AN "X" ON THE DOOR EDGE. (MAKE SURE "X" IS IN THE CENTER OF THE DOOR EDGE BEFORE GOING ON.)
2. DRILL $\phi 3/4$ " HOLE 1 1/2" DEEP WHERE THE "X" IS ON THE DOOR EDGE.
3. INSERT CATCH INTO THE NEWLY DRILLED HOLE.
4. USING PEN, MARK OUTLINE OF FACEPLATE AND MARK SCREW HOLE LOCATION.
5. MORTISE 1/16" DEEP OR UNTIL CATCH FACEPLATE SITS FLUSH WITH DOOR EDGE.
6. DRILL 1/16" PILOT HOLES 1" DEEP FOR SCREWS. SCREW CATCH TO THE DOOR USING (2) #6 SCREWS.
7. LINE UP STRIKE ON FRAME SO THAT ITS CENTERLINE MATCHES THE CENTERLINE OF THE BALL CATCH. MAKE SURE CURVED LIP FACES OUT. (USE THE FORMULA BELOW TO DETERMINE WHERE STRIKE SHOULD BE PLACED.)
8. MARK THE OUTLINE OF THE STRIKE AND MARK SCREW LOCATION.
9. MORTISE THIS AREA ON THE FRAME 1/16" DEEP, OR UNTIL STRIKE SITS FLUSH. (SEE FRAME PREP PICTURE BELOW FOR MORE DETAILS ON PROPERLY PREPPING THE FRAME FOR A FLUSH FIT.)
10. DRILL 1/16" PILOT HOLES 1" DEEP FOR SCREWS.
11. ATTACH STRIKE USING (2) #6 SCREWS.
12. ADJUST BALL PROJECTION TO DESIRED FIT.

NOTE:

1. GAP BETWEEN DOOR AND FRAME SHOULD BE NO MORE THAN 1/8".
2. DIMENSION Y = 1/2(DOOR THICKNESS) + 1/8"
3. IF MOUNTING ON TOP STILE OF DOOR AND FRAME HEAD, PLACE CENTERLINE OF CATCH 2-1/2" BACK FROM LOCK EDGE OF DOOR

DRILL & CHISEL OUT THIS AREA OF THE FRAME 1/4" DEEP TO MAKE ROOM FOR CUP OF STRIKE

DRILL (2) 7/16" DIA CLEARANCE HOLES 3/16" DEEP IN FRAME FOR C'SUNK AREA OF STRIKE



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DRAWN	MRJ	01/04/08
ENG. APPR.		
MATERIAL	Q.A.	
FINISH	TOLERANCES: FRACTIONAL: ± 0.015 " ANGULAR: MACH: $\pm 1^\circ$ BEND: $\pm 1^\circ$ TWO PLACE DECIMAL: ± 0.01 " THREE PLACE DECIMAL: ± 0.004 "	
DO NOT SCALE DRAWING		

321 ADJUSTABLE BALL CATCH INSTALLATION INSTRUCTIONS		REV. 02
SIZE A	DWG. NO. I-TA00013	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1