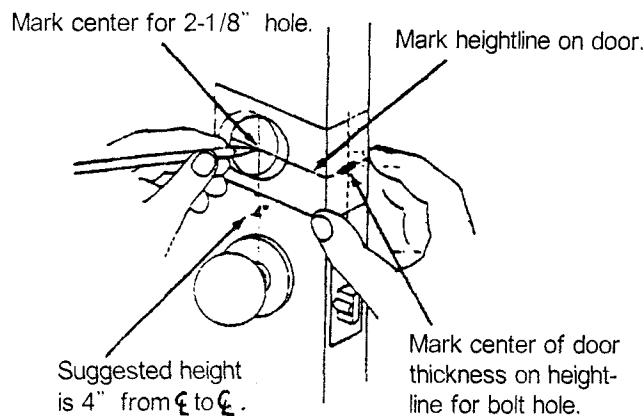


# GRADE 1 DEADBOLT INSTALLATION INSTRUCTIONS

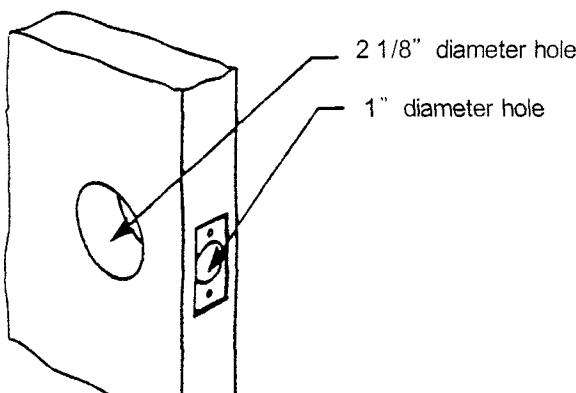
## 1 Mark Door

- 1 Place template on door and mark center for 2-1/8" hole at desired backset.
- 2 Template should be placed on high edge of beveled door edge.



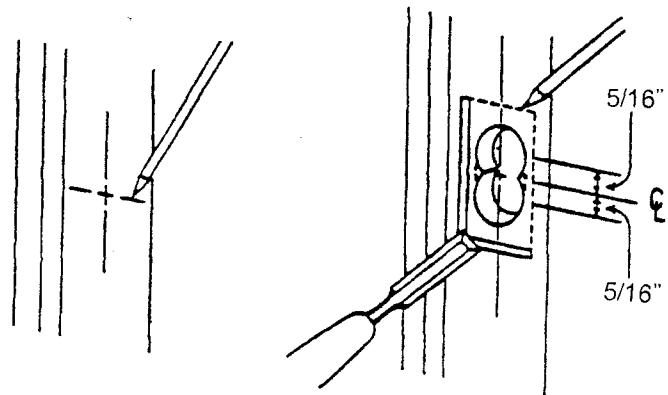
## 2 Bore Two Holes

- 1 Bore a 2-1/8" diameter hole. To avoid splintering a wood door, bore the hole from both sides of door.
- 2 Drill a 1" diameter hole from the edge of door that intersects the 2-1/8" hole.
- 3 Using the deadbolt faceplate as a guide, mortise the edge of door to recess the faceplate.



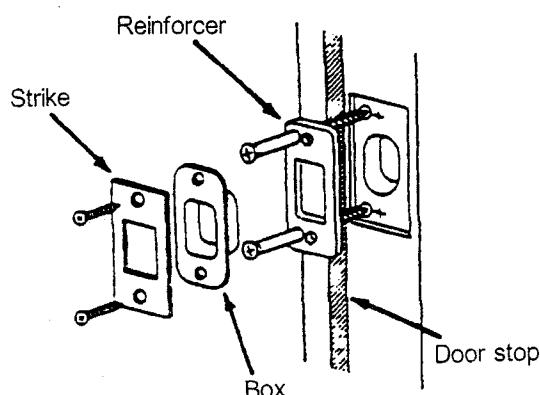
## 3 Prepare Door Jamb

- 1 Locate exact center of bolt and mark center lines on jamb as shown.
- 2 Mark drill points 5/16" above and below horizontal center line.
- 3 Bore two overlapping 7/8" holes, 1-1/8" deep.
- 4 Clean out holes for strike box and place strike box in hole.
- 5 Place strike over box and trace for cutout.
- 6 Chisel about 1/4" deep for flush fit of reinforcer box and strike.



## 4 Install Strike Assembly

- 1 Place strike reinforcer with screw holes toward doorstop.
- 2 Mark and drill (2)3/16" holes for 3" wood screws.
- 3 Install reinforcing plate, strike box, and finish strike in the order shown.
- 4 Test lock with key and thumbtum. Bolt must travel and project fully into strike preparation without binding.



## 5 Install Deadbolt Assembly

- 1 Insert the deadbolt with slotted spindle hole at the bottom of the assembly.
- 2 Secure the deadbolt to the door with screws.

