STAINLESS STEEL D9002

NOTE: Template may not be true-to-size. Please use for reference purposes only. Do NOT drill until measurements are verified.

A. MARK THE CENTER OF HOLE ON FACE OF DOOR AT REQUIRED BACKSET.

DRILL 1-1/2” DIA. THROUGH FOR CYLINDER AND TURN KNOB TRIMS.

BEVELED DOOR

TEMPLATE

IMPORTANT
PLACE TEMPLATE ON LOW EDGE OF BEVELED DOOR

MARKING TEMPLATE FOR DEADBOLTS
1-1/2” Collar

CAUTION: DOOR AND FRAME MANUFACTURERS
When door gasketing or silencers are used, proper allowances must be made for strike location to maintain a common centerline with lock and door so that the bolt will freely enter strike.

B. CHECK BACKSET BEFORE DRILLING!
BACKSET LOCATIONS ARE CALCULATED FOR LOW SIDE OF BEVELED DOORS.

MARK FOR 2-1/4” THICK DOOR
MARK FOR 2” THICK DOOR
MARK FOR 1-3/4” THICK DOOR
MARK FOR 1-3/8” THICK DOOR

DRILL 1” DIA. HOLE FOR DEADBOLT
* 3-1/2” DEEP FOR 2-3/8” BACKSET
** 3-7/8” DEEP FOR 2-3/4” BACKSET

2-3/8” BACKSET *

2-3/4” BACKSET **

FOLD ALONG LINE - PLACE ON EDGE OF DOOR

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Deadbolt Installation for Single Cylinder

You have selected one of the latchset types illustrated in these instructions. The exploded views show, at a glance, how your latchset is assembled. Please follow the step-by-step installation instruction to ensure proper installation.

Exploded View Single Cylinder Deadbolt

Parts Enclosed:
1. Turnpiece
2. Set Screw
3. Cover Plate
4. Breakaway Screws
5. Turnpiece Assembly
6. Adjustable Backset Bolt
7. Screws
8. Outside Cylinder Collar
9. Outside Cylinder
10. Wrench

Note: See Strike Installation Section for strike parts listing.

Tools Needed:
Only Required for Doors Without Cutout

If your door is not pre-bored, see instructions for door preparation below:
1. Pencil
2. 1-1/2” diameter hole saw
3. 1/2” or 1/4” wood chisel
4. Drill and assorted bits: 1/8”, 5/32”, and 1”

Tools Needed:
Doors Prepared with 1-1/2” Cutout
1. No.2 and No.3 Phillips screws
2. Measuring device
3. Flathead Screwdriver

Door Preparation

1. To position template fold enclosed template on line and locate on door at desired height.
   If you have a new door that is not already cut out, please follow these instructions. If your door is pre-bored please proceed to Single Cylinder & Double cylinder Deadbolt Installation. Step 1. If the door is beveled, place the folded edge on low side of bevel as shown in the illustration. Determine backset (2-3/8” or 2-3/4”). Mark the door for face and edge bores.

2. Drill the 1-1/2” diameter face bore (A) through the door and 1” diameter edge bore (B). The bolt accommodates both size backsets.
   Caution: Re-check hole locations before drilling.

3. Insert deadbolt into edge of door while holding faceplate. Trace the outline of face plate onto the door edge. Mark screw hole centers and drill with a 1/8” drill.

4. Chisel out the area marked for the faceplate to a depth of 5/32” or until faceplate is flush with door edge.

Install bolt in edge bore with cross hub down. Fasten bolt with two screws.

OM-D9002
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**Single Cylinder Assembly**

1. Insert flat blade screwdriver into deadbolt hub, and extended the bolt. Keeping the tailpiece in a vertical position, insert cylinder through collar and into deadbolt hub. Key must not be in cylinder during this procedure. Hold cylinder in place on the door.

2. Place turnpiece assembly with hole on brass receiver facing the hinge side of the door. For 1-3/8" Thick doors only, snap off breakaway screws. Install 2 breakaway screws.

3. Retract the bolt to open position. Install coverplate and turnpiece as per picture and secure with set screw. Proceed now with strike installation.

**Double Cylinder Assembly**

- Before proceeding see Installing Deadbolt 1 and 2.

**Exploded View Double Cylinder Deadbolt**

Parts Enclosed:

1 - 1 Inside Cylinder Collar
2 - 1 Inside Cylinder Cap
3 - 2 breakaway Screws
4 - 1 Inside Cylinder
5 - 1 Inside Threaded Collar

**Note:** See Strike Installation Section for strike parts listing.

1. Insert flat blade screwdriver into deadbolt hub, and extend the bolt keeping the tailpiece in a vertical position. Insert cylinder through collar and into deadbolt hub. Key must not be in the cylinder during this procedure. Hold cylinder in place on the door.

2. Align lug on threaded collar into slot on cylinder. With tailpiece in vertical position, install inside cylinder, keeping flat side of inside and outside tailpieces together. Install two breakaway screws through inside cylinder. For 1-3/8" thick doors only, snap off breakaway screws.

3. Using reinforcing strike as a template, mark locations for reinforcing screws. (Fig. 3). Drill two 5/32" dia. pilot holes for the 3" long screws and two 1/8" drain pilot holes for the #8x3/4" screws. Mark drill points 5/16" above and below centering point. Bore two 1" dia. Holes 1-1/4" deep at these points. Chip out holes for dust box. (Fig 4)

4. Install Strike as illustrated.

   1. Dust Box
   2. Reinforcing Strike
   3. #8x3/4" Combination Screws (2)
   4. 3" reinforcing Screws* (2)
   5. Strike Plate
   6. #8-32x13/4" Machine Screws (2)

**Strike Installation**

1. Close door and extend deadbolt several times against door frame. Strike centering indicator will leave a center mark on the door frame. (Fig. 1)

2. Position strike plate on center mark. Align and trace outside of strike and mounting screws onto the door frame. (Fig 2)

3. Mortise 7/32" deep or until the strike box, reinforcing strike and strike plate fits inside mortise and flush with the door frame. (Fig 5)

**Congratulations**

Your installation is now complete!

We thank you for your purchase.