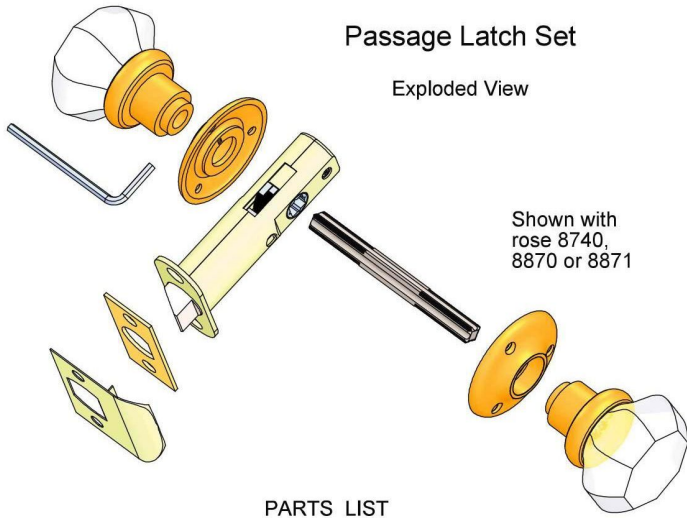


## Passage Latch Set

Exploded View

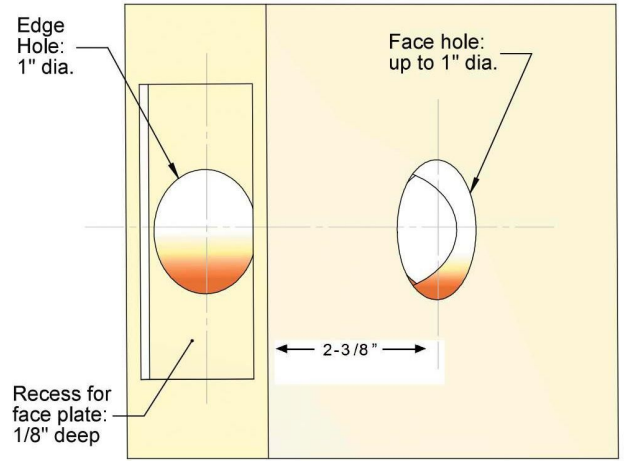


Shown with  
rose 8740,  
8870 or 8871

### PARTS LIST

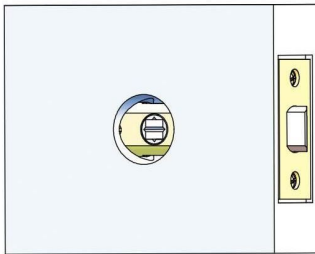
- |                   |                           |
|-------------------|---------------------------|
| 1 passage latch   | 1 face plate              |
| 2 doorknobs       | 1 strike plate (full lip) |
| 1 spindle - 3.5"  | 4 wood screws for plates  |
| 1 spindle - 3.25" | 6 wood screws for roses   |
| 2 door roses      | 1 Allen (hex) key         |

1-3/8" standard door thickness

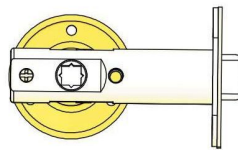


(a) Door prep for latch installation

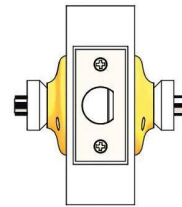
## Installation instructions - tubular latch set - 2 3/8" backset - passage function



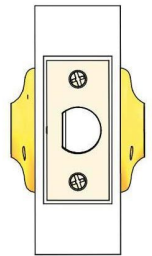
(b) Latch installed with face plate



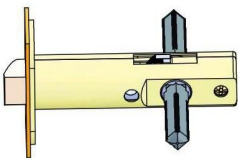
(c) Latch shown with face plate and one rose



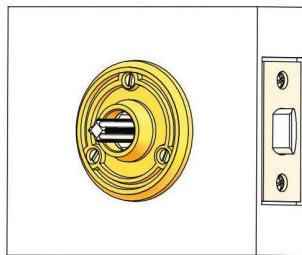
(d-1) Shown with  
ALIGNMENT TOOL - sold  
separately - is used to  
align the roses and  
mark the location of  
holes for screws]



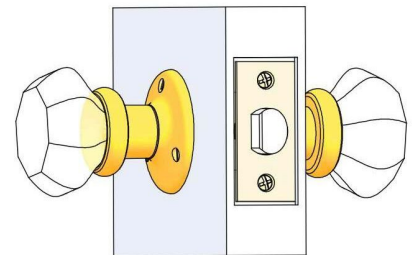
(d) Latch installed with roses



(e) Latch shown with spindle  
installed "ON THE DIAMOND"



(f) Latch installed with  
roses and spindle  
(shown with rose 8742)



(g) Fully assembled latch set  
(shown with rose 8740,  
8870 or 8871)

## Installation Instructions - Tubular Latch Set - 2 3/8" Backset - Passage Function

General: Think safety. Use gloves and goggles as needed. Do not lock yourself inside a room while installing latch set.  
Keep a spindle and a doorknob inside the room in case door closes inadvertently.

### 1. Prep for doors:

- A) You'll need to drill 2 holes: a face hole and an edge hole. Standard height of the centers of the two holes is 38" to 40" from the floor. The center of the face hole is 2-3/8" from the edge of the door (equivalent to the backset of the latch). **[See picture (a)].**
  - B) Drill the face hole first. Make a pilot hole at the center. Drill a hole of **no more than 1" in diameter** from both sides of the door to prevent splitting of the wood. **[Picture (a)].**
  - C) Drill a 1" diameter hole in the center of the door edge. The hole needs to be 3-1/2" long. It will go through the face hole, and past it. **[Picture (a)].**
  - D) Mark the outline of the latch's face plate on the door edge, and use a chisel or a router to make a 1/8" deep recess for it.
2. The latch works for both right-hand and left-hand doors. Insert the latch's tube through the door's edge hole. Turn the latch's bolt so the beveled (curved) side faces the door jamb. Put the face plate over the bolt, and install it with 2 wood screws. Once the face plate sits in place it determines and secures the orientation of the latch. **[Picture (b)].**
  3. Place one rose on each side of the door. Center them on the hub of the latch. Orient the roses so 1 hole is at the top of the circle and vertically above the latch's hub, and the 2 other holes form a line parallel to the floor. [We recommend using our alignment tool (sold separately) for this purpose.] Mark the locations for the screw-holes. Set the roses aside. Drill pilot holes for the screws. Install roses with their screws. **[Pictures (c) and (d)].**  
*Note: make the holes for screws in the door fairly shallow so as not to hit the body of the latch .*
  4. The hub of the latch is star-shaped. It enables the latch to accept two widths of spindle: 9/32" [7mm] on the diamond, or 5/16" [8mm] on the square of the hub. Our spindles are 9/32" wide. Select the appropriate spindle for the door's thickness, and insert into the hub **ON THE DIAMOND** of the hub for a snug fit. **[Pictures (e) and (f)].**
  5. Install the two doorknobs onto the spindle on both sides of the door. Screw both doorknobs in equally on the spindle from both sides so the middle of the spindle more or less corresponds to the middle of the latch's hub. The doorknobs should fit nicely but not tightly into the hubs of the roses. Adjust doorknobs and roses for smooth operation, and tighten the set-screws on the sides of the doorknobs' bases against the spindle with the Allen key. **[Picture (g)].**
  6. Mark the outline of the latch's strike plate on the doorjamb. Use a chisel or a router to make a 3/64" deep recess for it. Install the strike plate on the door jamb with 2 wood screws.

