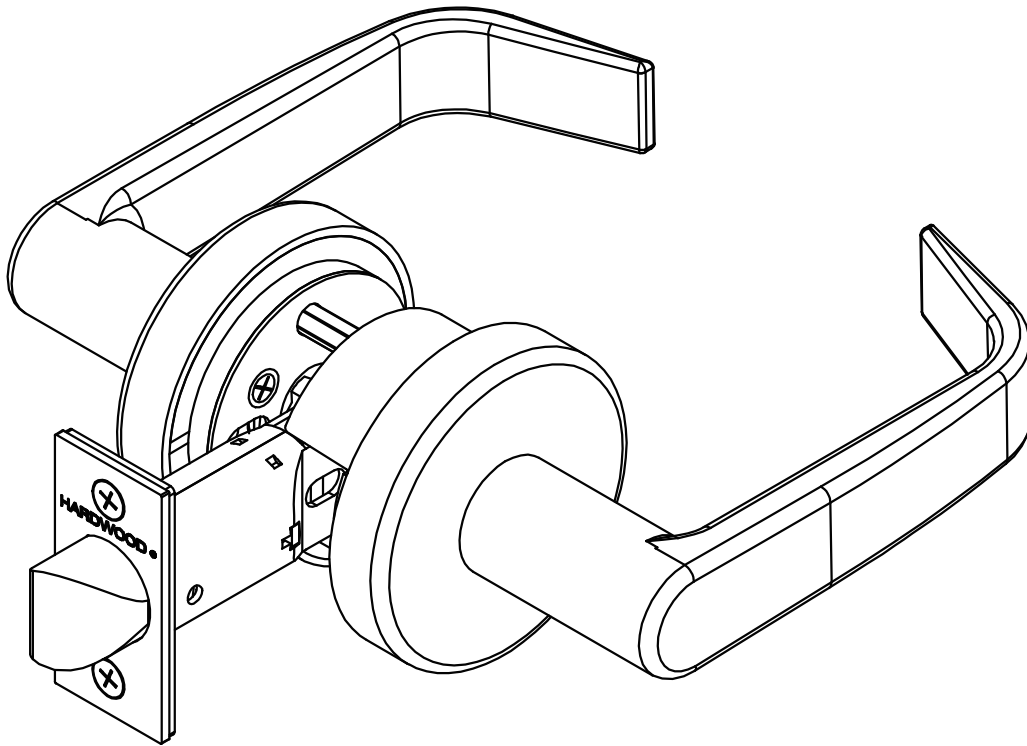


B11 Series

Latch bolt Lock



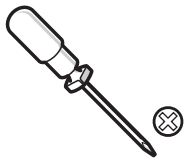
WARNING

Installers should be aware that improper installation may cause product damage and void the factory warranty.

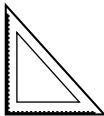
B11 Series

1

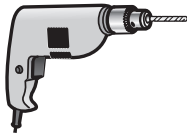
Tools Required



Phillips screwdriver



Set square



5/16 "



1-1/8 "



1-3/8 "

Drilling machine & heads



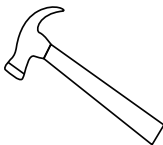
Chisel



Pencil



Tape measure



Hammer

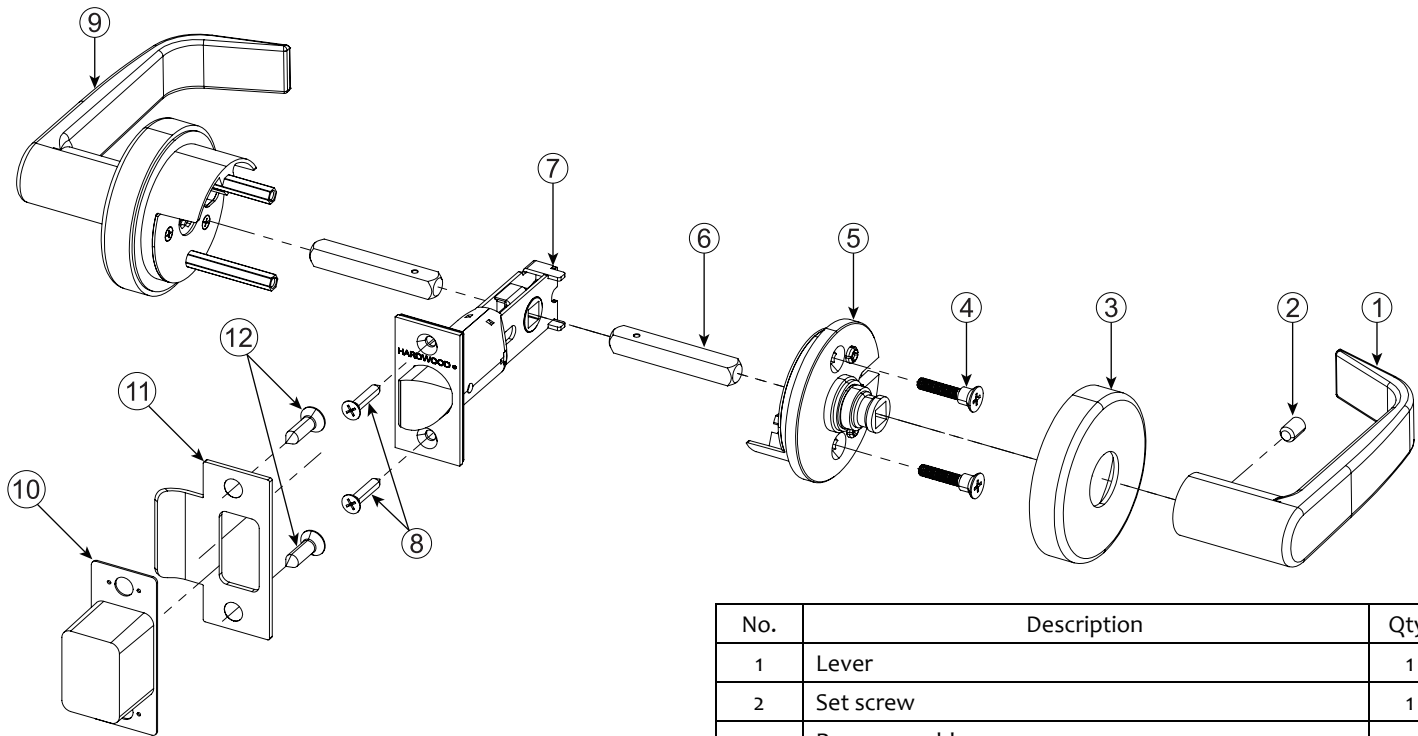
2

Functions

Picture	Model no.	Function	ANSI no.	Description
	B11-01	Passage or closet latch	F75	• Both levers retract latch • Ideal for closets & passges
	B11-02	Communicating	F111	• Blank rose outside • Lever retracts latch
	B11-03	Single dummy trim	—	• Lever always rigid • No latch included • Ideal for pantries & closets • Surface Mounted*
	B11-04	Double dummy trim	—	• Levers always rigid • No latch included • Ideal for sliding doors • Through-bolted

3

Product components



No.	Description	Qty.
1	Lever	1
2	Set screw	1
3	Rose assembly	1
4	#8-32UNC×1 " screw	2
5	Inside spring housing	1
6	Turn spindle	2
7	PH flat #8-32×3/4 " + #8 wood screw thread	2
8	Latch	1
9	Ouside lever assembly	1
10	Strike	1
11	Strike box	1
12	PH Flat #12-24×3/4 " + #12 wood screw thread	2

4

Handing

a

Inside/Outside Lever Change (If needed)

- Confirm the direction of door opening before installation. (Figure 1)
- The latch bolt is non-handed.

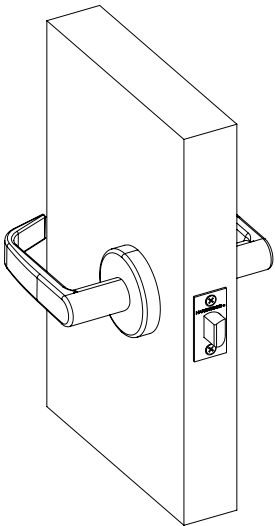
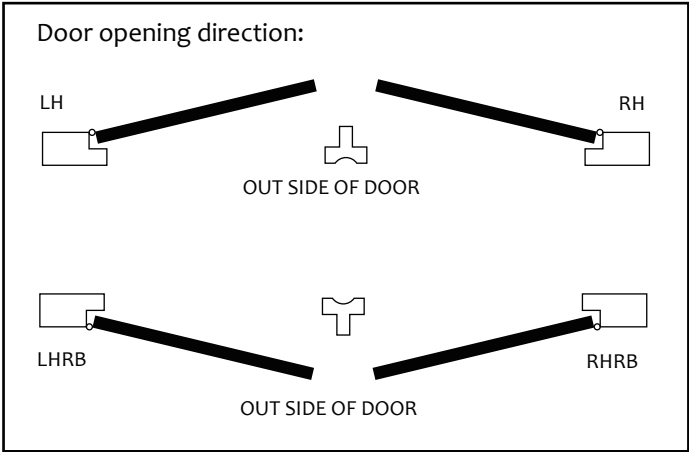


Figure 1

- Check the template to prep door for function holes, size & location

a Position the template and mark the locations (Figure 2)

- Fold and apply template on the high edge of beveled door at the desired height from floor.
- Mark Centerline on both faces and edge of door.
- Mark the drill points for lock and latch.

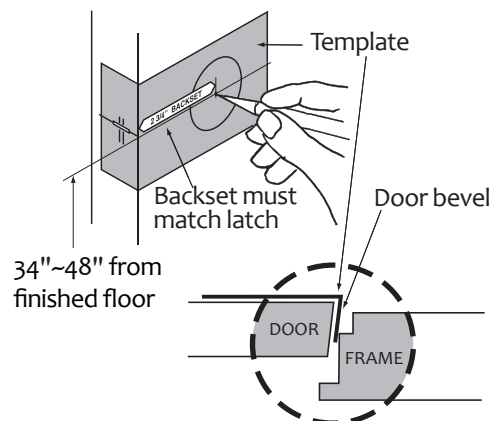


Figure 2

b Drill latch and trim Holes (Figure 3)

- Drill 1-1/8" (28mm) diameter hole from edge of door for latch bolt that intersects 2 3/16" (55mm) hole.
- Drill 2-3/16" (55mm) diameter hole from both sides of door to the center of door for lever.
- Make 2-5/16" x 1-1/8" x 4/69" (58 x 29 x 3.5mm) cutout for face plate of latch.

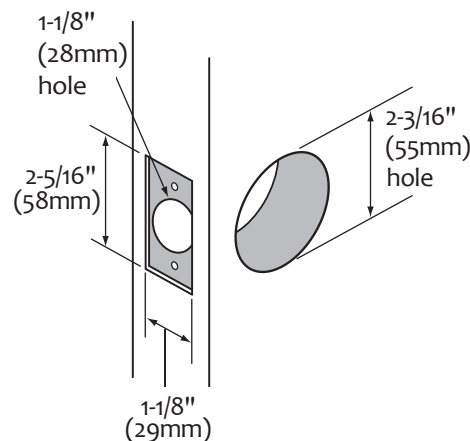


Figure 3

c Prepare frame and install Strike (Figure 4)

- Mark the strike location, make sure to align strike and latchbolt centers.
- Mortise door jamb per template to fit strike.

ST01 strike:

Make pocket 2-15/16" x 7/8" x 1-1/8" (75 x 23 x 29 mm)

Make cutout 4-7/8" x 1-1/4" x 1/8" (124 x 32 x 4 mm)

ST02 strike:

Make pocket 1-13/32" x 1-1/32" x 1-1/8" (36 x 26 x 28mm)

Make cutout 2-3/4" x 1-1/8" x 1/8" (70 x 29 x 3mm).

- Secure the strike plate with screws provided.

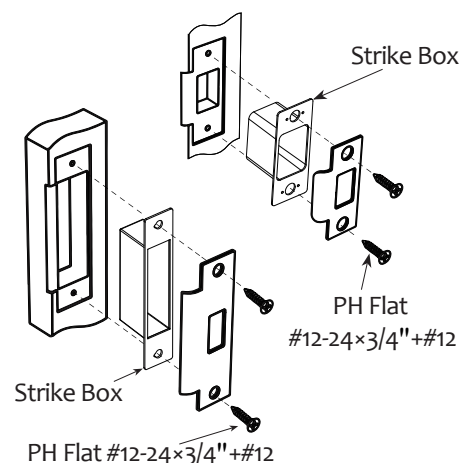


Figure 4

a Install latch (Figure 5)

- Be sure bevel edge of bolt faces strike plate.
- Slide the latch into latch hole
- Install two (2) PH Flat #8-32x3/4" + #8 screws and check the door swing, do not tight the screws before step B is finished

Note:

- Tight the screws after step B is finished.
- Do not install lock with door closed.

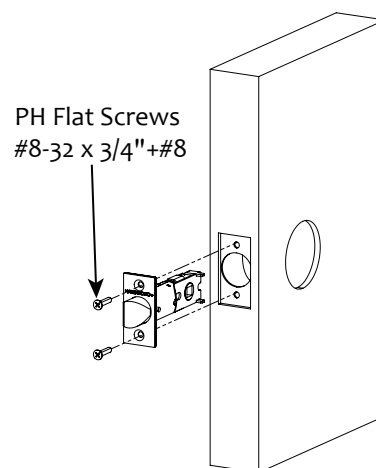


Figure 5

b Install levers

- Insert the outside spindle into the spindle hub, then slide outside lever assembly into bore. (Figure 6)
- Insert the inside spindle into the spindle hub, then install inside mounting plate assembly using (2) 8-32UNCx1\"/>

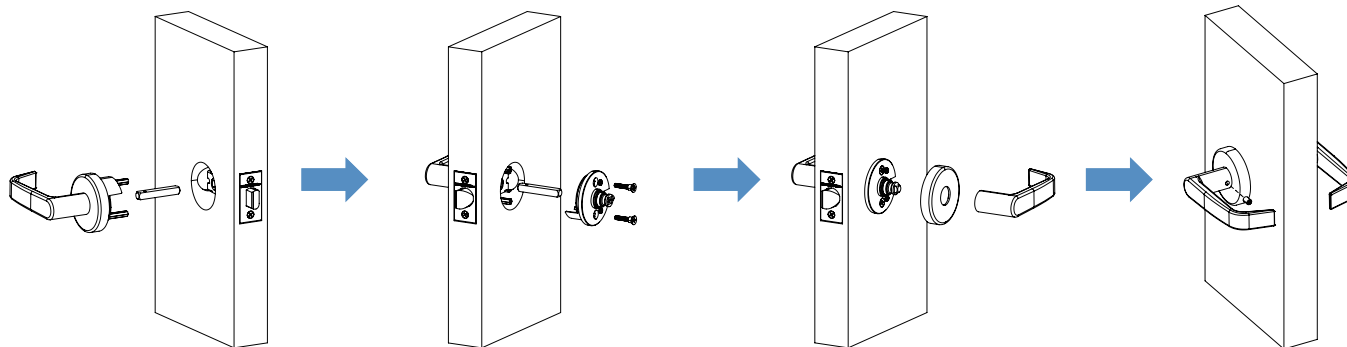


Figure 6

Figure 7

Figure 8

Figure 9

c Tight the screws of face plate

Installation Instructions

7

Trial Operation

a Latch bolt must stop on strike when door is closed. (Figure 10)

b Both levers retract the latch smoothly, with unobstructed latch operation.

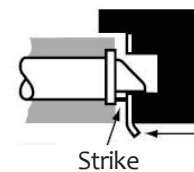


Figure 10

Note:

- If any component can't work smoothly, do not force the operation. Verify the correct direction and adjust if necessary.
- Test all functions with the door open. Make sure all functions work correctly before close the door.

8

Other Functions

a Install singledummy trim B10-04 (Figure 14)

- Install inside mounting plate assembly using (2) #8-32UNCx1" screws.
- Install rose onto spring housing assembly.
- Install lever onto spindle. Fix the lever with set screw.

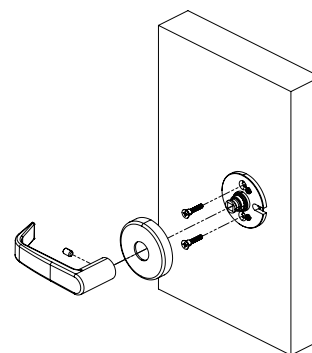


Figure 11

b Install double dummy trim B10-05 (Figure 15)

- Install through-bolt outside lever assembly.
- Install inside mounting plate assembly using (2) #8-32UNCx1" screws.
- Install rose onto spring housing assembly.
- Install lever onto spindle, fix the lever with set screw.

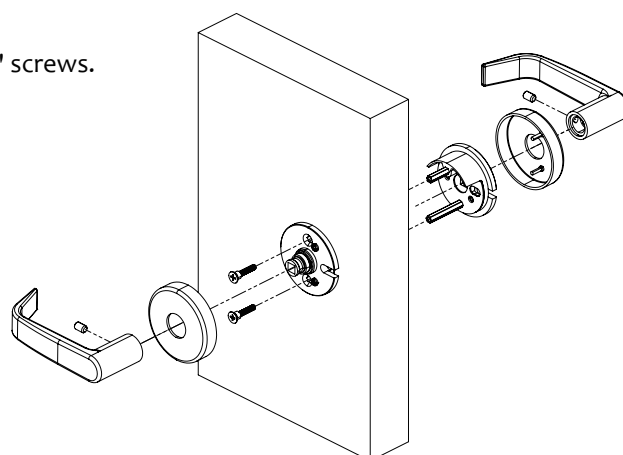


Figure 12