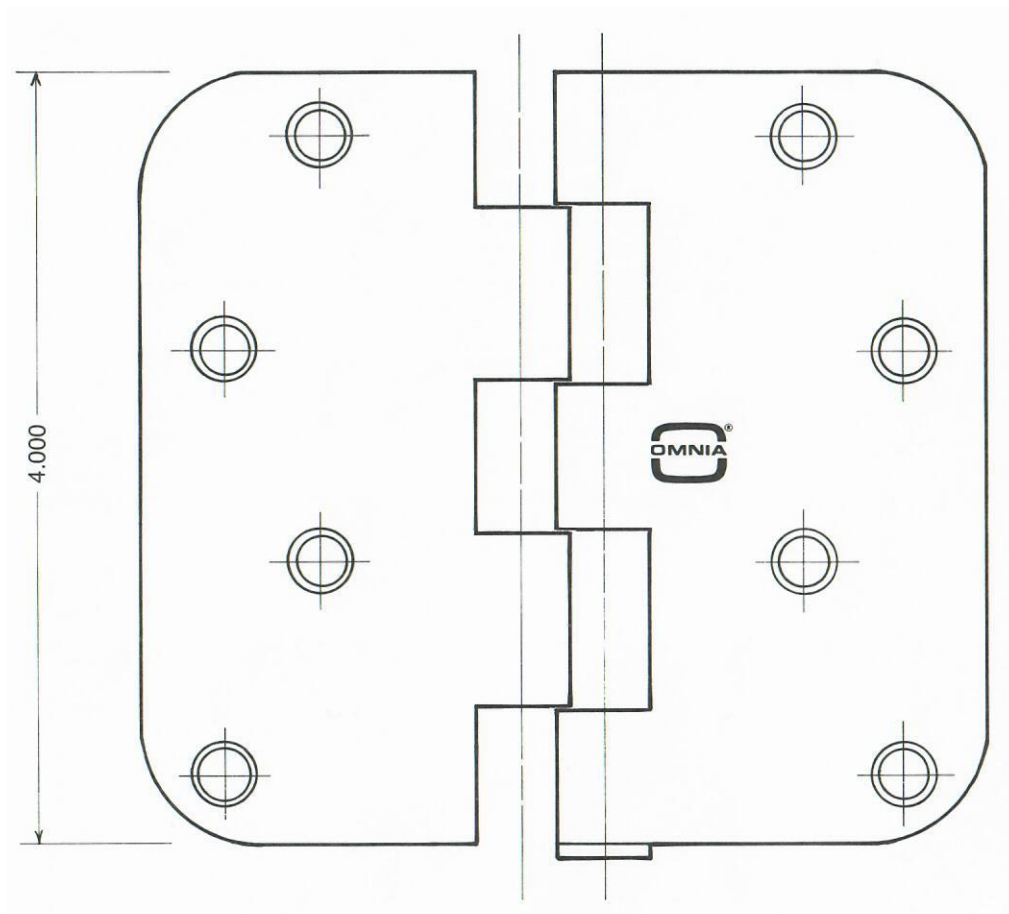


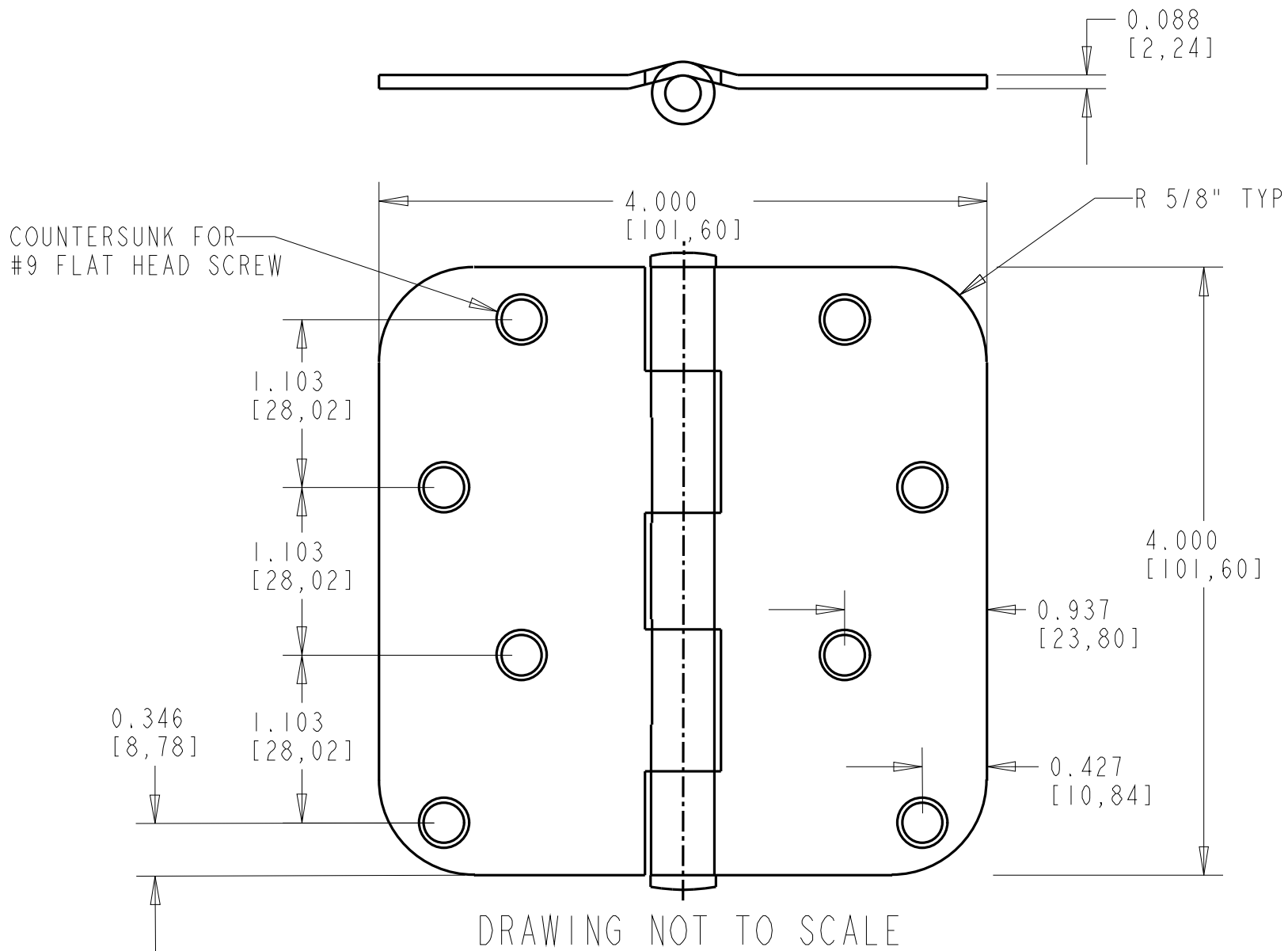
INSTALLATION TEMPLATE FOR OMNIA 4" RADIUS HINGE

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



985R/4

w/ 5/8" radius corner



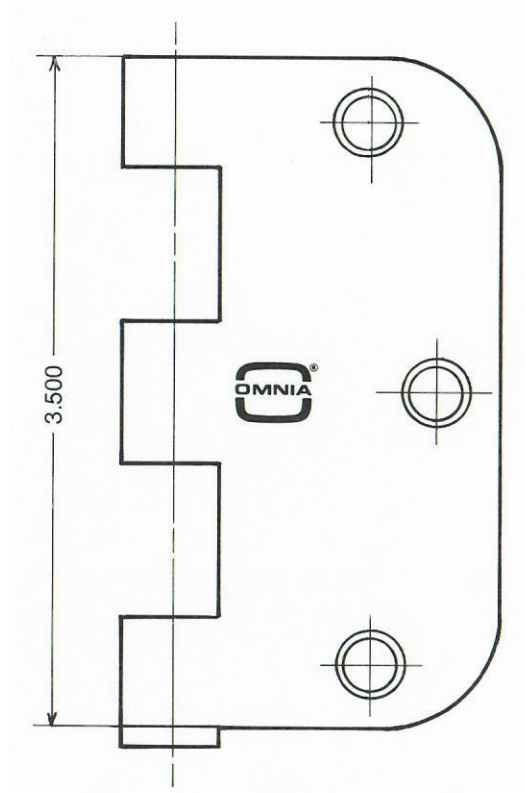
DIMENSIONS IN INCHES AND [mm] SHOWN
ARE NOMINAL AND SUBJECT TO CHANGE.

OMNIA
985R/4

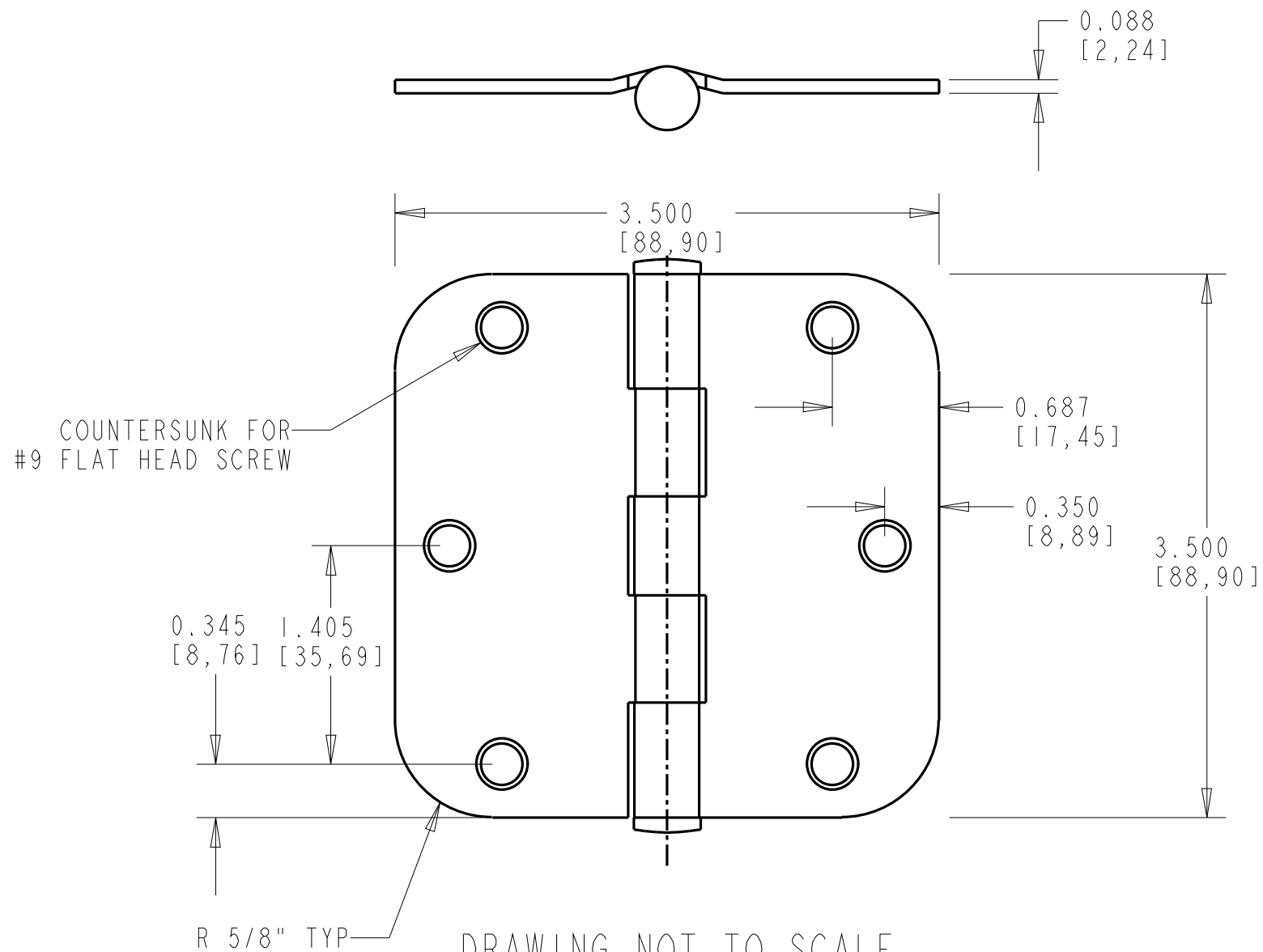
4" x 4" 5/8" RADIUS HINGE

INSTALLATION TEMPLATE FOR OMNIA 3.5" RADIUS HINGE

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



985R/35
w/ $\frac{5}{8}$ " radius corner



DIMENSIONS IN INCHES AND [mm] SHOWN
ARE NOMINAL AND SUBJECT TO CHANGE.

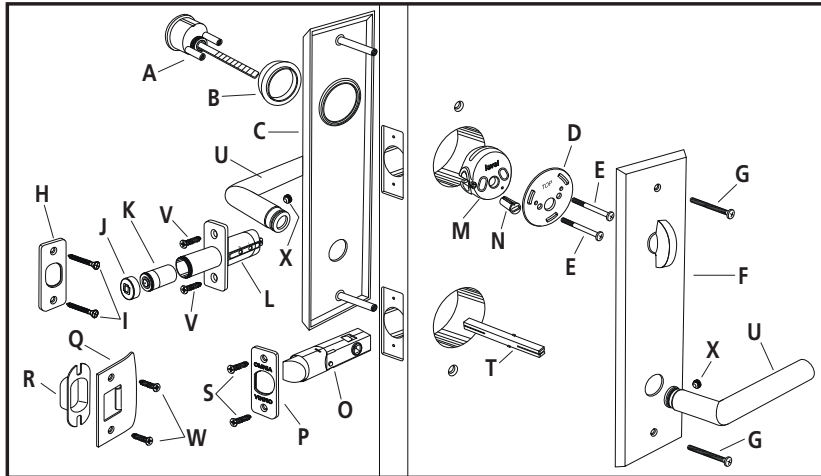
OMNIA
985R/35

3-1/2" x 3-1/2" 5/8" RADIUS HINGE

OMNIA + LEVEL Smart Deadbolt with Plate (Stainless Steel)



Instructions/Template for Single Cylinder



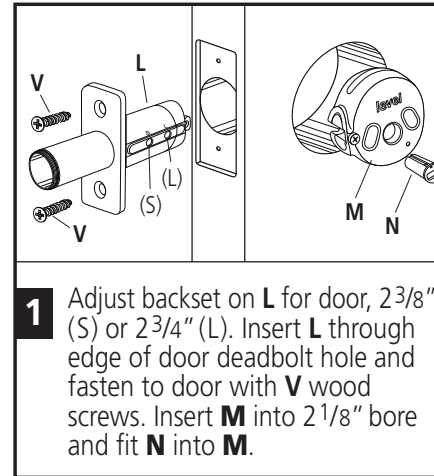
Parts Enclosed:

- | | |
|--|--|
| A - Tailpiece Cylinder with Studs | M - Level Deadbolt Housing |
| B - Cylinder Collar | N - Hub of Level Bolt  |
| C - Exterior Backplate | O - Tubular Latch |
| D - Mounting Plate for Cylinder | P - Tubular Latch Faceplate |
| E - 2 - 2" Cylinder Mounting Screws | Q - Tubular Latch Strike |
| F - Inside Backplate | R - Tubular Latch Dust Box |
| G - 2 - 1 3/4" Mounting Screws for Inside Backplate | S - 2 - 1" Mounting Screws for Tubular Latch Faceplate |
| H - Level Strike | T - Spindle (Tear drop groove positioned towards set screw) |
| I - 2 - 1 1/2" Mounting Screws for Level Strike | U - 2 Levers |
| J - Level Battery Cap | V - 2 - 1" Mounting Screws for Level Deadbolt Faceplate |
| K - CR2 Battery | W - 2 - 1" Mounting Screws for Tubular Latch Strike |
| L - Level Deadbolt | X - 2 - Set Screws |

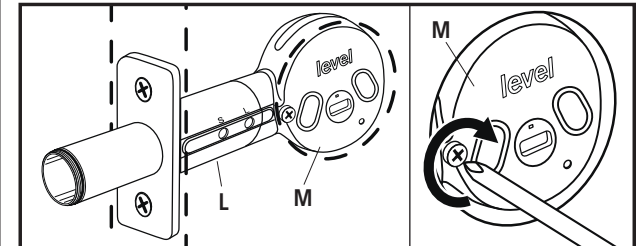
Tools Needed:

Doors Prepared with 2 1/8" Cutout

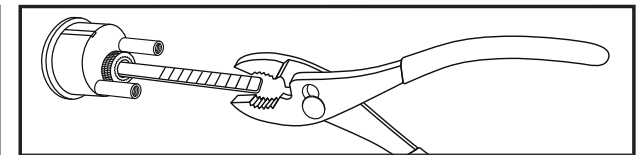
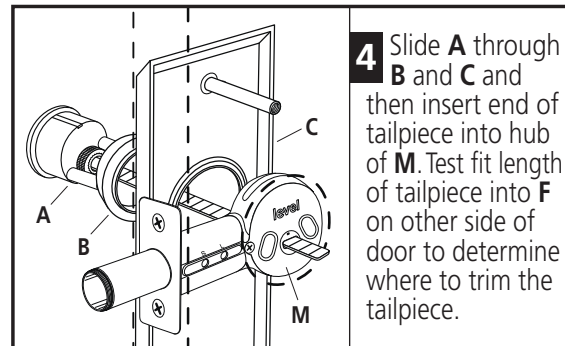
- 1 - No.1 and No.2 Phillips screwdrivers
- 2 - Measuring device
- 3 - Flathead screwdriver
- 4 - Pliers or hacksaw
- 5 - Metal file



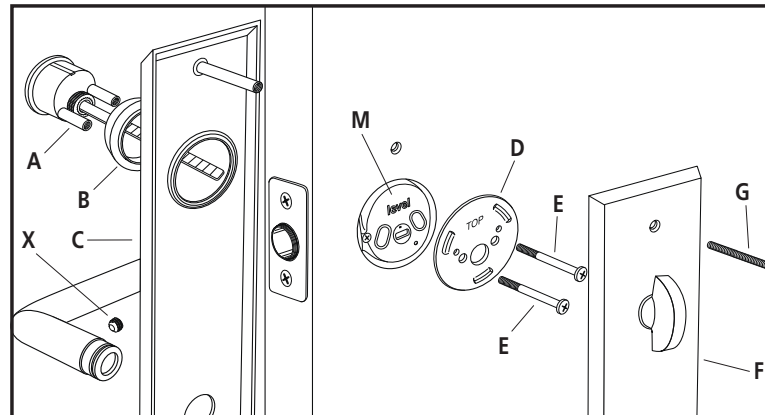
- 2** In lower hole on door edge, install latch and faceplate and insert spindle through latch hub (Not Shown). Follow latchset instruction sheet provided separately.



- 3** While **M** is inside of 2 1/8" bore, attach **L** to **M** using screw already assembled to body of **M**.

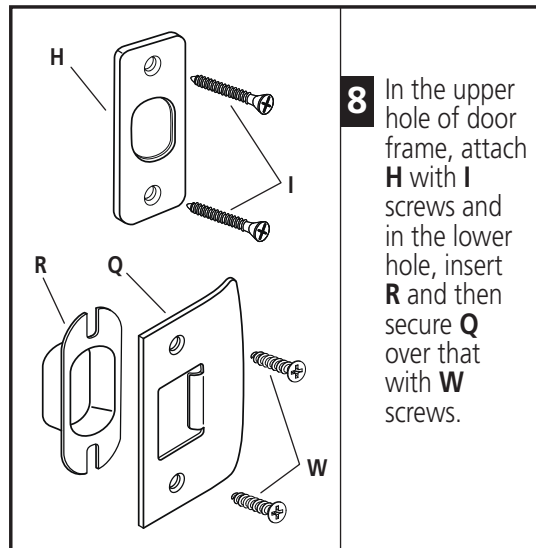
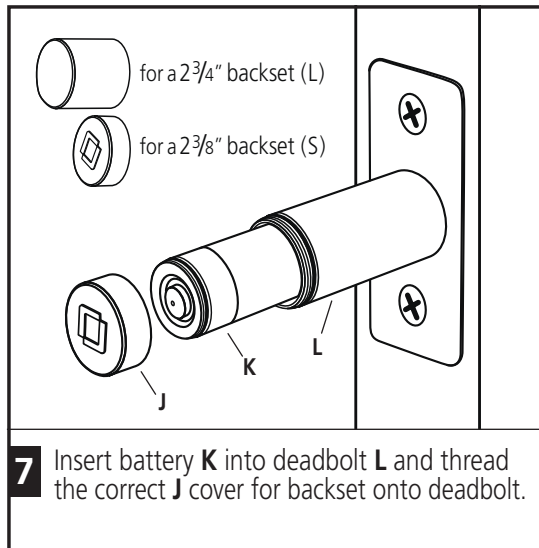


- 5** Trim the appropriate amount of length from tailpiece using either a hacksaw or break with a pair of pliers. The tailpiece may need to be filed down to assure proper movement of the Level bolt when used electronically. (May work manually, but not electronically. Tailpiece may be too long.) Remove studs on cylinder, if required.



- 6** Slide **A** through **B** and **C** and then slide tailpiece through hub of **M** and large hole of **D**. The lever attached to the backplate needs to slide onto the spindle in hole below. From interior side, insert the two **E** screws through **D** and **M** and tighten into **A**. Attach **F** so that the tailpiece slides into the turnpiece and the spindle below slides into the lever attached to the backplate. Fasten at both ends of backplate using **G** screws. On both sides of door, secure levers with set screw **X**.

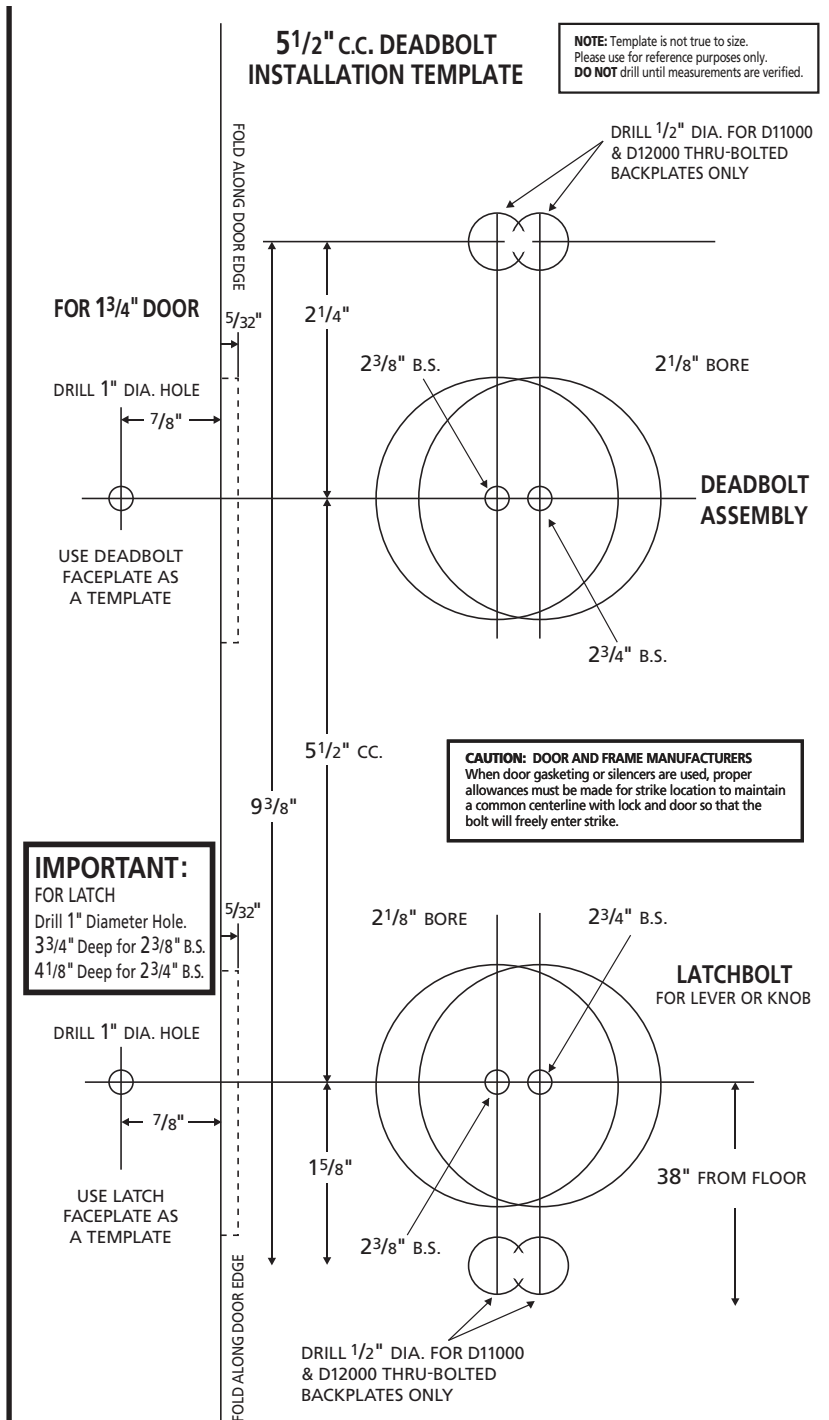
OMNIA level



Testing Test proper orientation of deadbolt, electronically. First test the operation with the door in the open position, and then test the deadbolt in the closed position. When closed, always test from the inside of the door (**in order to prevent getting locked out**).

Congratulations - Your installation is now complete! If you have any trouble, please call OMNIA at the number listed below. **We thank you for your purchase.**

800-310-7960 / www.OMNIAindustries.com

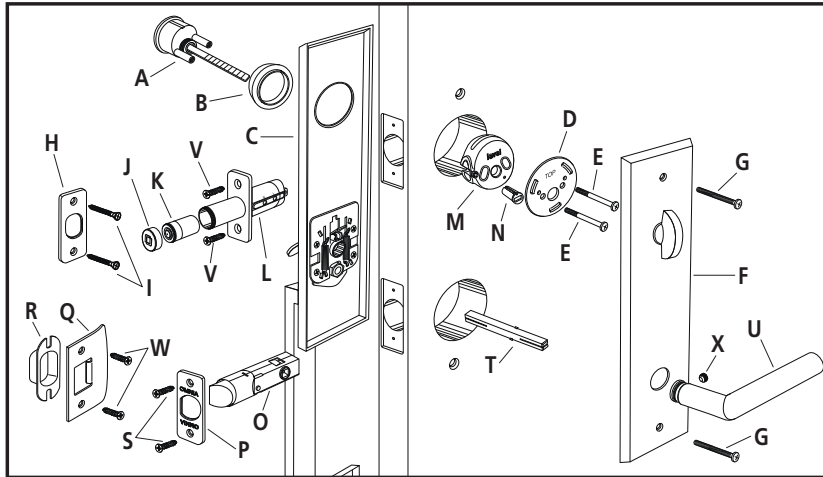


O+L-DBw/PlateSS 0522

OMNIA + LEVEL Smart Deadbolt Entrance Handleset (Stainless Steel)



Instructions/Template for Single Cylinder



Parts Enclosed:

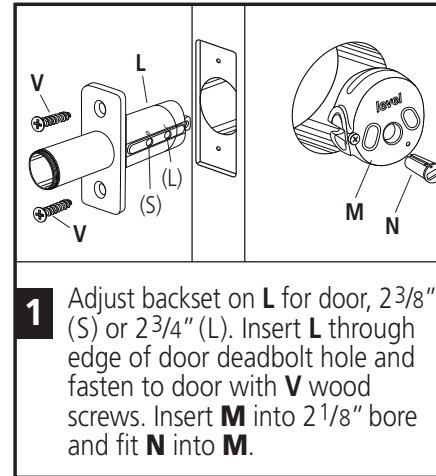
- | | |
|--|--|
| A - Tailpiece Cylinder with Studs | M - Level Deadbolt Housing |
| B - Cylinder Collar | N - Hub of Level Bolt |
| C - Exterior Plate with Thumbpiece | O - Tubular Latch |
| D - Mounting Plate for Cylinder | P - Tubular Latch Faceplate |
| E - 2 - 2" Cylinder Mounting Screws | Q - Tubular Latch Strike |
| F - Inside Backplate | R - Tubular Latch Dust Box |
| G - 2 - 1 3/4" Mounting Screws for Inside Backplate | S - 2 - 1" Mounting Screws for Tubular Latch Faceplate |
| H - Level Strike | T - Spindle (Tear drop groove positioned towards set screw) |
| I - 2 - 1 1/2" Mounting Screws for Level Strike | U - Lever |
| J - Level Battery Cap | V - 2 - 1" Mounting Screws for Level Deadbolt Faceplate |
| K - CR2 Battery | W - 2 - 1" Mounting Screws for Tubular Latch Strike |
| L - Level Deadbolt | X - Set Screw |

Tools Needed:

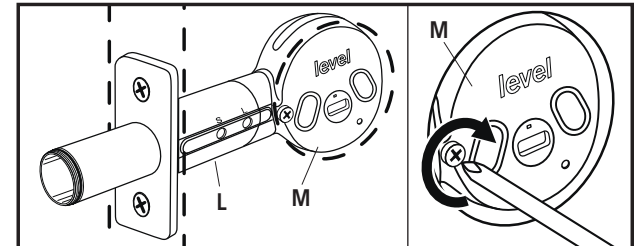
Doors Prepared with 2 1/8" Cutout

- 1 - No.1 and No.2 Phillips screwdrivers
- 2 - Measuring device
- 3 - Flathead screwdriver
- 4 - Pliers or hacksaw
- 5 - Metal file

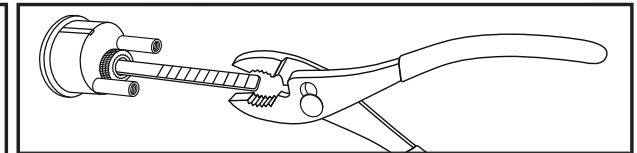
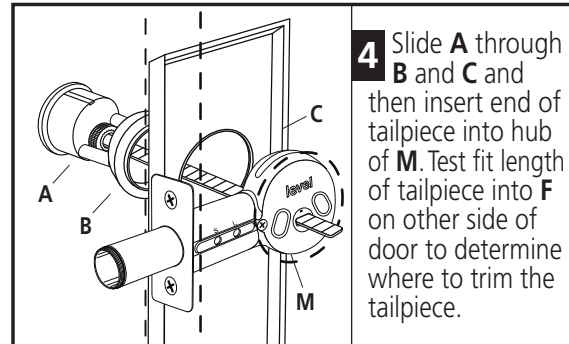
800-310-7960 / www.OMNIAindustries.com



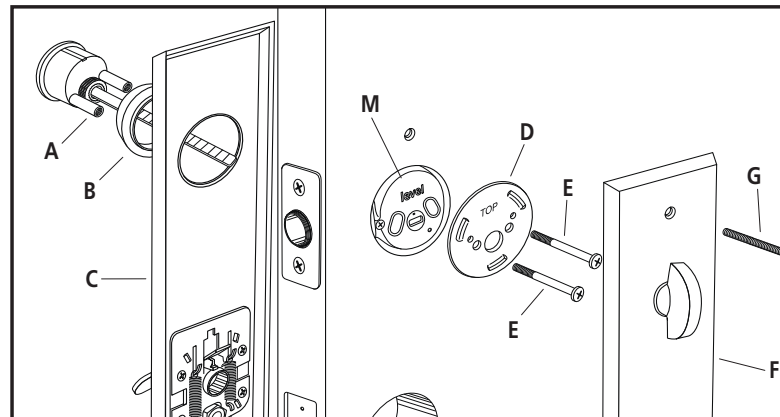
- 2** In lower hole on door edge, install latch and faceplate and insert spindle through latch hub (Not Shown). Follow latchset instruction sheet provided separately.



- 3** While **M** is inside of 2 1/8" bore, attach **L** to **M** using screw already assembled to body of **M**.

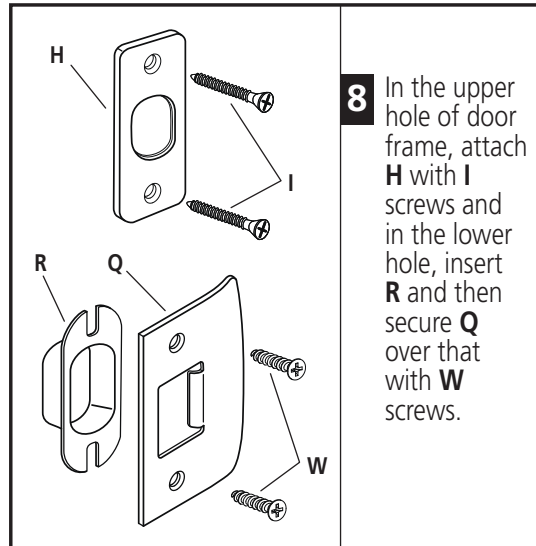
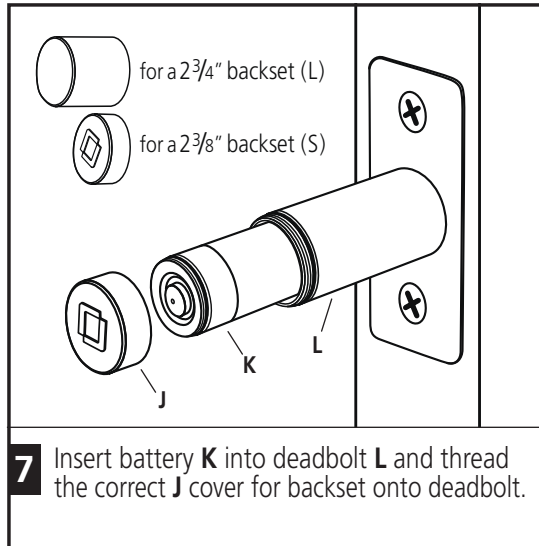


- 5** Trim the appropriate amount of length from tailpiece using either a hacksaw or break with a pair of pliers. The tailpiece may need to be filed down to assure proper movement of the Level bolt when used electronically. (May work manually, but not electronically. Tailpiece may be too long.) Remove studs on cylinder, if required.



- 6** Slide **A** through **B** and **C** and then slide tailpiece through hub of **M** and large hole of **D**. From interior side, insert the two **E** screws through **D** and **M** and tighten into **A**. Attach **F** so that the tailpiece slides into the turnpiece and the spindle below slides into the lever attached to the backplate. Fasten at both ends of backplate using **G** screws. On interior side of door, secure lever with set screw **X**.

OMNIA level



Testing Test proper orientation of deadbolt, electronically. First test the operation with the door in the open position, and then test the deadbolt in the closed position. When closed, always test from the inside of the door (**in order to prevent getting locked out**).

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METRO / URBAN INSTALLATION TEMPLATE

NOTE: Template is not true to size. Please use for reference purposes only. **DO NOT** drill until measurements are verified.

FOR 1 3/4" TO 2 1/4" THICK DOOR

DRILL 1" DIA. HOLE

AT HALF OF THE DOOR THICKNESS

USE DEADBOLT FACEPLATE AS A TEMPLATE

FOLD ALONG DOOR EDGE

5/32"

2 3/8" B.S.

2 1/8" BORE

DEADBOLT ASSEMBLY

2 3/4" B.S.

5 1/2" CC.

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.

IMPORTANT:

FOR LATCH

Drill 1" Diameter Hole.
3 3/4" Deep for 2 3/8" B.S.
4 1/8" Deep for 2 3/4" B.S.

DRILL 1" DIA. HOLE

AT HALF OF THE DOOR THICKNESS

USE LATCH FACEPLATE AS A TEMPLATE

FOLD ALONG DOOR EDGE

5/32"

2 1/8" BORE

2 3/4" B.S.

LATCHBOLT

2 3/8" B.S.

38" FROM FLOOR

8 5/16"

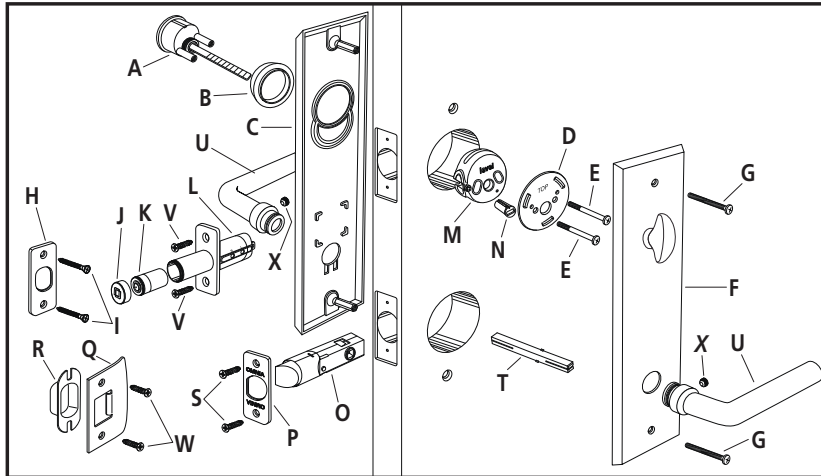
DRILL 3/8" HOLE FOR THRU-BOLT OF HANDLE

O+L-DB/EntHandleSS 0522

OMNIA + LEVEL Smart Deadbolt with Plate



Instructions/Template for Single Cylinder



Parts Enclosed:

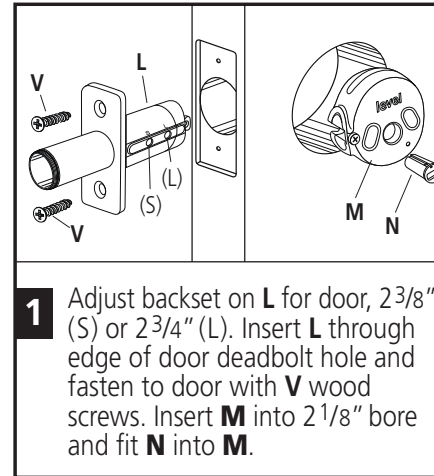
- | | |
|--|--|
| A - Tailpiece Cylinder with Studs | M - Level Deadbolt Housing |
| B - Cylinder Collar | N - Hub of Level Bolt |
| C - Exterior Backplate | O - Tubular Latch |
| D - Mounting Plate for Cylinder | P - Tubular Latch Faceplate |
| E - 2 - 2" Cylinder Mounting Screws | Q - Tubular Latch Strike |
| F - Inside Backplate | R - Tubular Latch Dust Box |
| G - 2 - 1 3/4" Mounting Screws for Inside Backplate | S - 2 - 1" Mounting Screws for Tubular Latch Faceplate |
| H - Level Strike | T - Spindle (Tear drop groove positioned towards set screw) |
| I - 2 - 1 1/2" Mounting Screws for Level Strike | U - 2 Levers |
| J - Level Battery Cap | V - 2 - 1" Mounting Screws for Level Deadbolt Faceplate |
| K - CR2 Battery | W - 2 - 1" Mounting Screws for Tubular Latch Strike |
| L - Level Deadbolt | X - 2 - Set Screws |

Tools Needed:

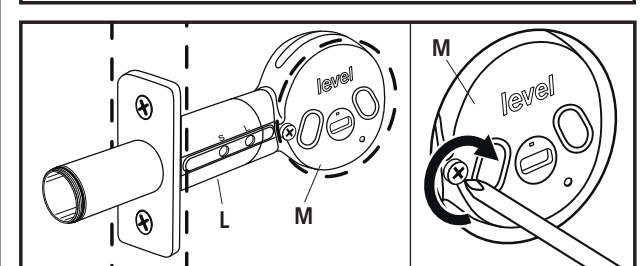
Doors Prepared with 2 1/8" Cutout

- 1 - No.1 and No.2 Phillips screwdrivers
- 2 - Measuring device
- 3 - Flathead screwdriver
- 4 - Pliers or hacksaw
- 5 - Metal file

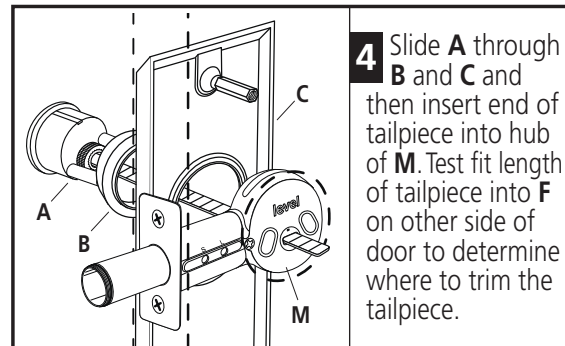
800-310-7960 / www.OMNIAindustries.com



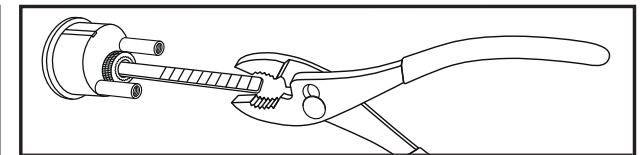
- 1 Adjust backset on **L** for door, 2 3/8" (S) or 2 3/4" (L). Insert **L** through edge of door deadbolt hole and fasten to door with **V** wood screws. Insert **M** into 2 1/8" bore and fit **N** into **M**.



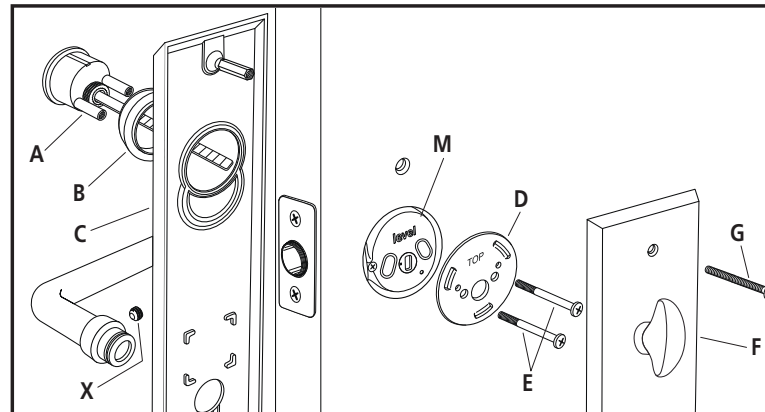
- 2 In lower hole on door edge, install latch and faceplate and insert spindle through latch hub (Not Shown). Follow latchset instruction sheet provided separately.
- 3 While **M** is inside of 2 1/8" bore, attach **L** to **M** using screw already assembled to body of **M**.



- 4 Slide **A** through **B** and **C** and then insert end of tailpiece into hub of **M**. Test fit length of tailpiece into **F** on other side of door to determine where to trim the tailpiece.

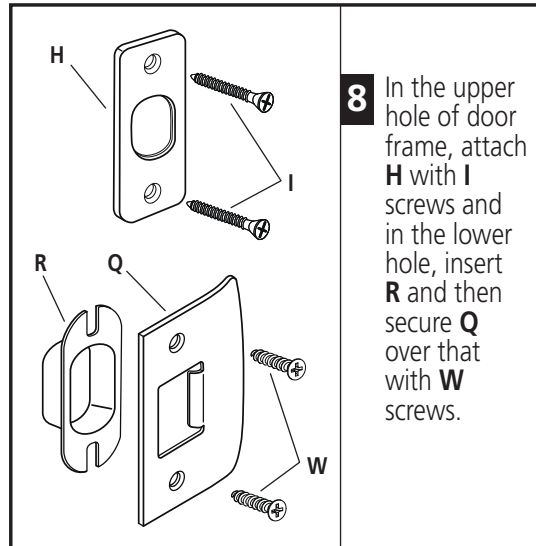
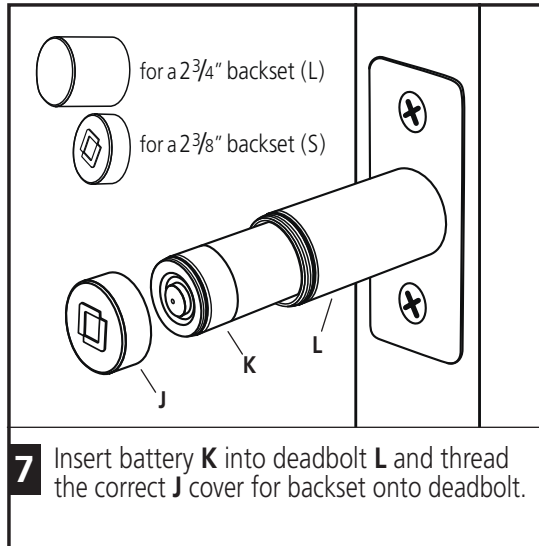


- 5 Trim the appropriate amount of length from tailpiece using either a hacksaw or break with a pair of pliers. The tailpiece may need to be filed down to assure proper movement of the Level bolt when used electronically. (May work manually, but not electronically. Tailpiece may be too long.) Remove studs on cylinder, if required.



- 6 Slide **A** through **B** and **C** and then slide tailpiece through hub of **M** and large hole of **D**. The lever attached to the backplate needs to slide onto the spindle in hole below. From interior side, insert the two **E** screws through **D** and **M** and tighten into **A**. Attach **F** so that the tailpiece slides into the turnpiece and the spindle below slides into the lever attached to the backplate. Fasten at both ends of backplate using **G** screws. On both sides of door, secure levers with set screw **X**.

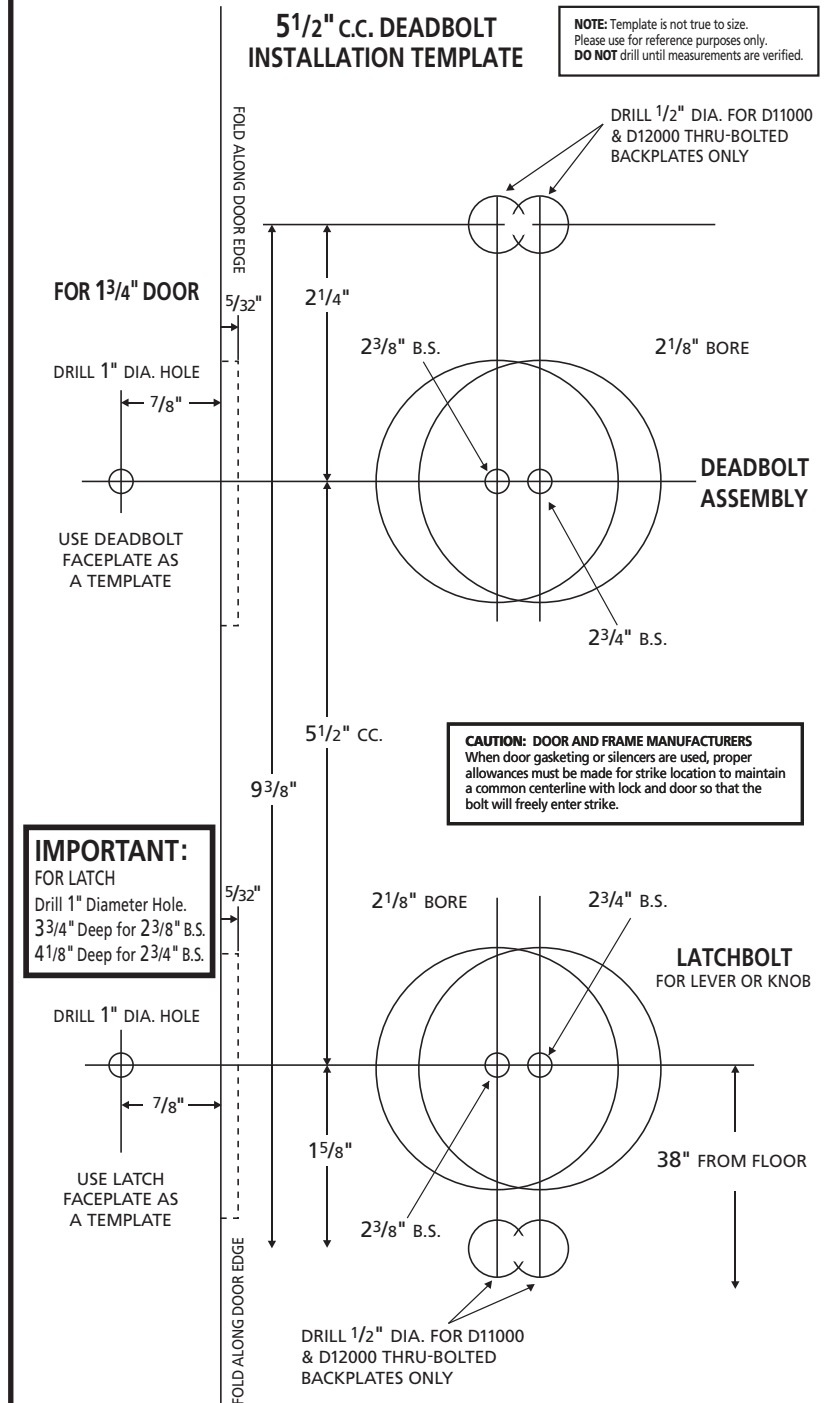
OMNIA level



Testing Test proper orientation of deadbolt, electronically. First test the operation with the door in the open position, and then test the deadbolt in the closed position. When closed, always test from the inside of the door **(in order to prevent getting locked out)**.

Congratulations - Your installation is now complete! If you have any trouble, please call OMNIA at the number listed below. **We thank you for your purchase.**

800-310-7960 / www.OMNIAindustries.com

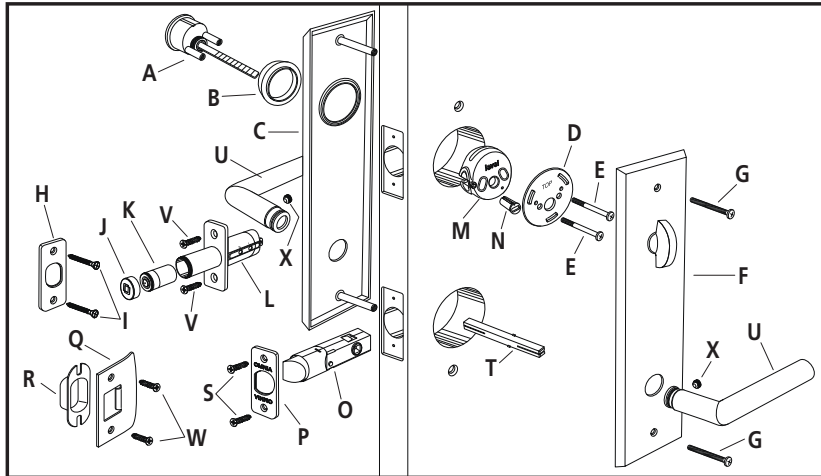


O+L-DBw/Plate 0522

OMNIA + LEVEL Smart Deadbolt with Plate (Stainless Steel)



Instructions/Template for Single Cylinder



Parts Enclosed:

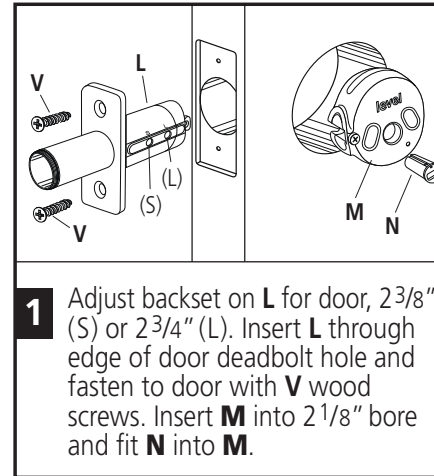
- | | |
|--|--|
| A - Tailpiece Cylinder with Studs | M - Level Deadbolt Housing |
| B - Cylinder Collar | N - Hub of Level Bolt  |
| C - Exterior Backplate | O - Tubular Latch |
| D - Mounting Plate for Cylinder | P - Tubular Latch Faceplate |
| E - 2 - 2" Cylinder Mounting Screws | Q - Tubular Latch Strike |
| F - Inside Backplate | R - Tubular Latch Dust Box |
| G - 2 - 1 3/4" Mounting Screws for Inside Backplate | S - 2 - 1" Mounting Screws for Tubular Latch Faceplate |
| H - Level Strike | T - Spindle (Tear drop groove positioned towards set screw) |
| I - 2 - 1 1/2" Mounting Screws for Level Strike | U - 2 Levers |
| J - Level Battery Cap | V - 2 - 1" Mounting Screws for Level Deadbolt Faceplate |
| K - CR2 Battery | W - 2 - 1" Mounting Screws for Tubular Latch Strike |
| L - Level Deadbolt | X - 2 - Set Screws |

Tools Needed:

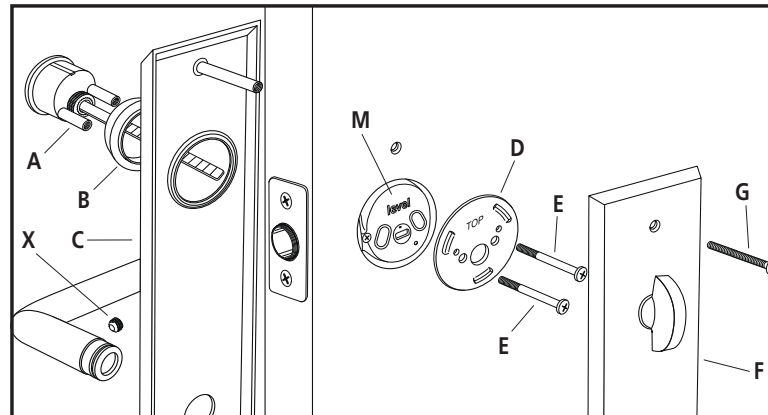
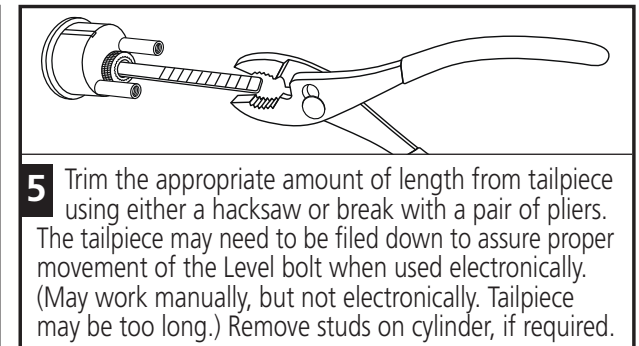
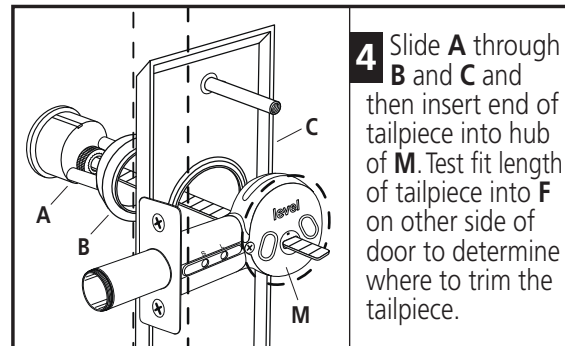
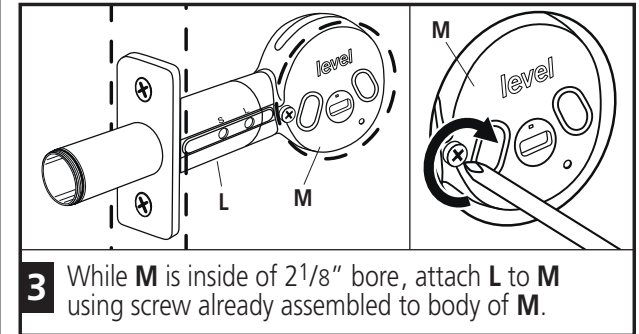
Doors Prepared with 2 1/8" Cutout

- 1 - No.1 and No.2 Phillips screwdrivers
- 2 - Measuring device
- 3 - Flathead screwdriver
- 4 - Pliers or hacksaw
- 5 - Metal file

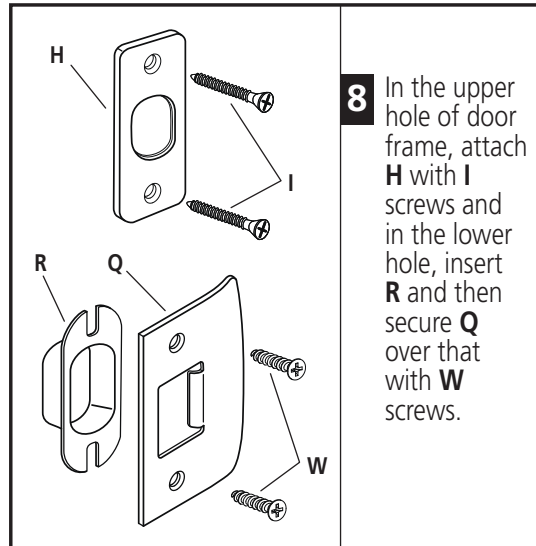
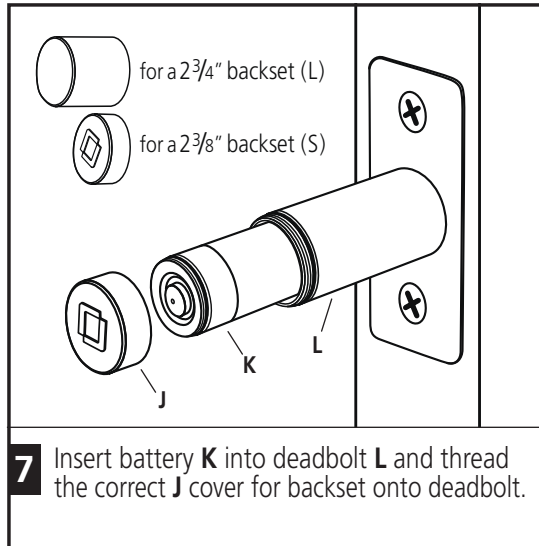
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- 2** In lower hole on door edge, install latch and faceplate and insert spindle through latch hub (Not Shown). Follow latchset instruction sheet provided separately.



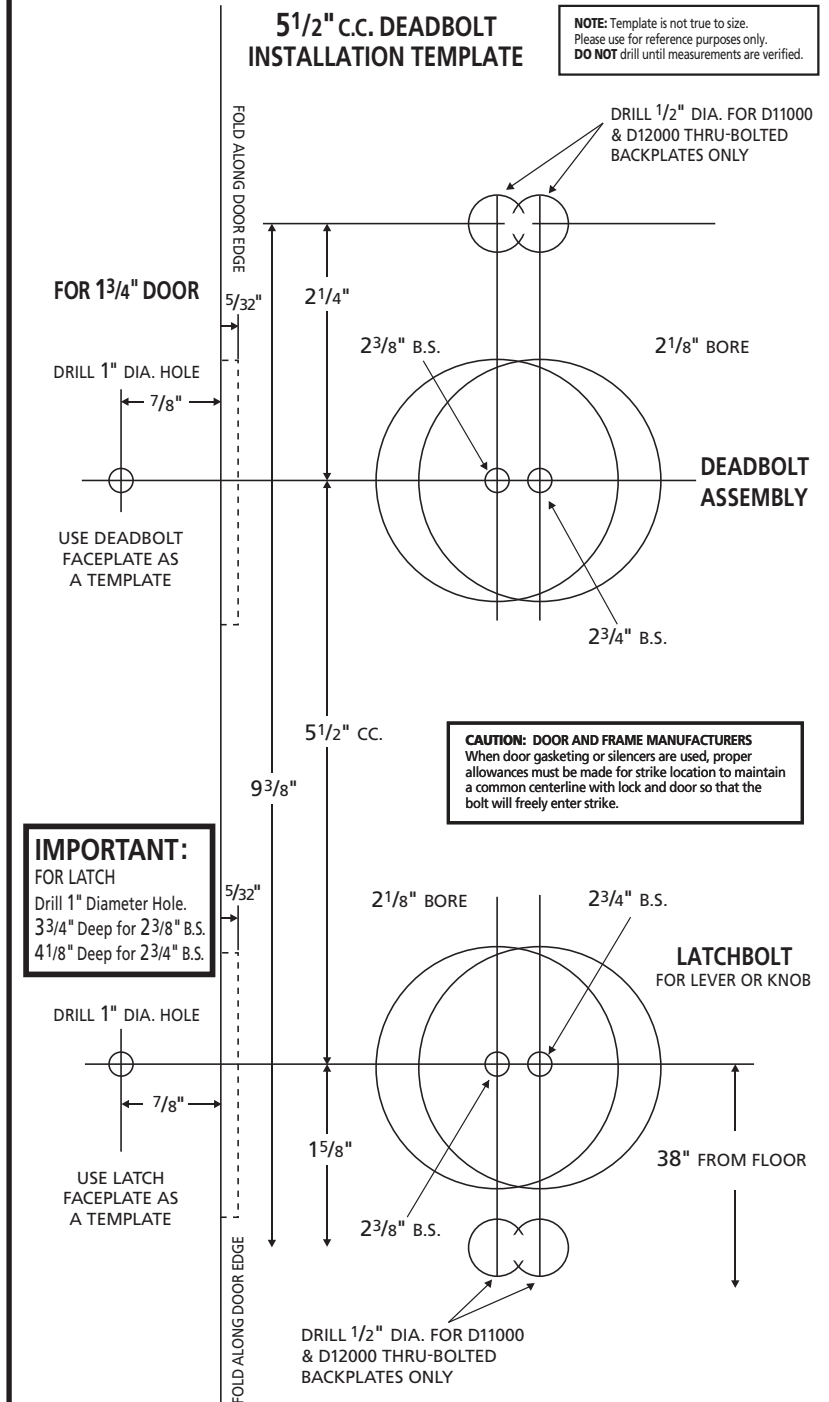
OMNIA level



Testing Test proper orientation of deadbolt, electronically. First test the operation with the door in the open position, and then test the deadbolt in the closed position. When closed, always test from the inside of the door (**in order to prevent getting locked out**).

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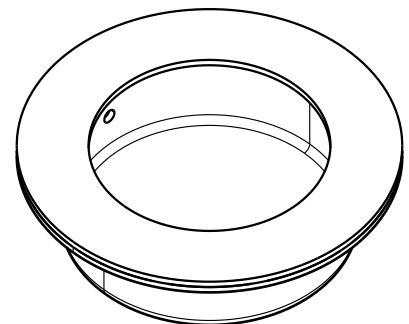
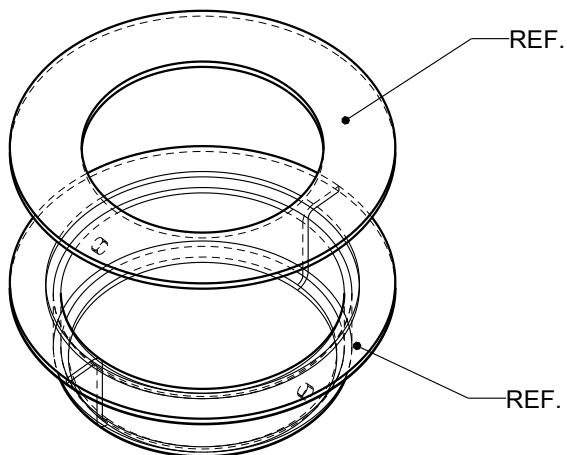
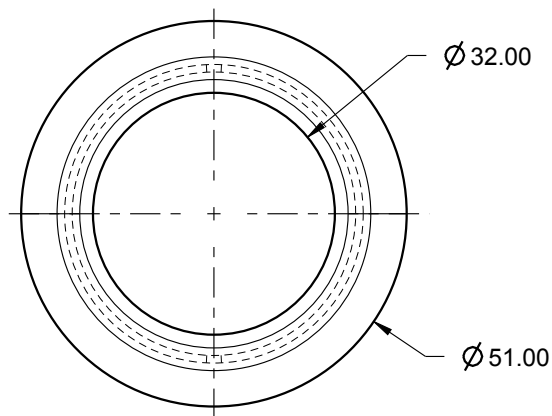
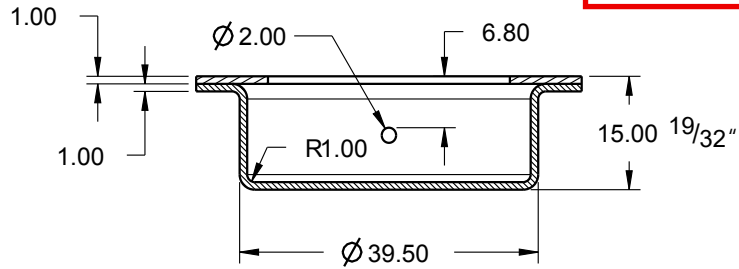
800-310-7960 / www.OMNIAindustries.com



O+L-DBw/PlateSS 0522

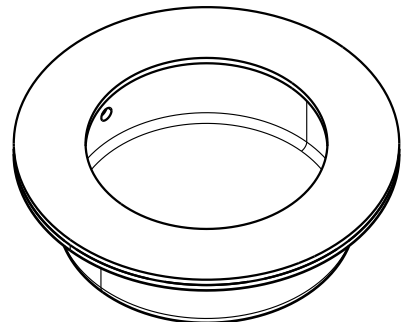
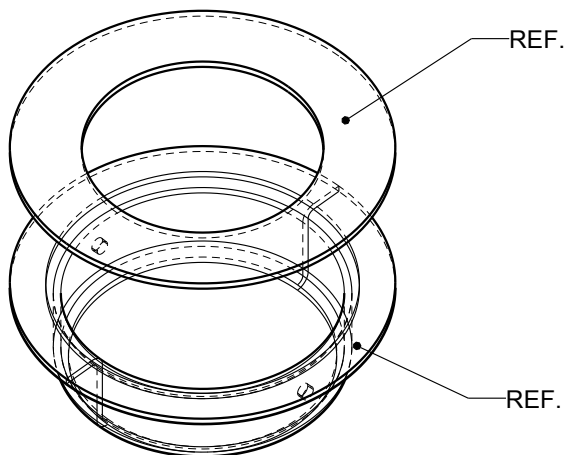
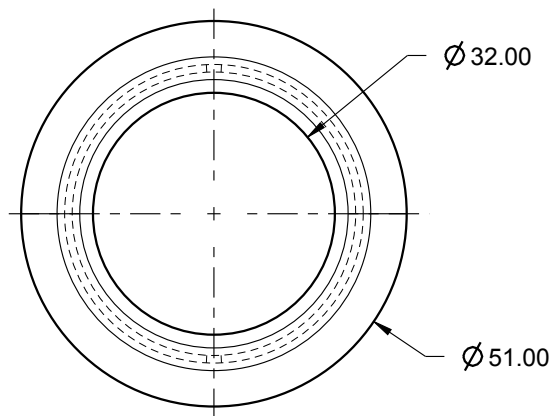
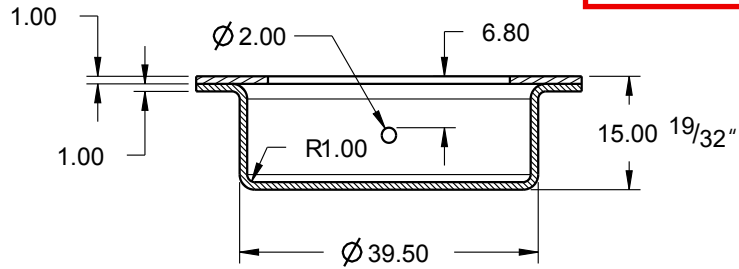
INSTALLATION TEMPLATE FOR OMNIA #7501 CUP PULL

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



INSTALLATION TEMPLATE FOR OMNIA #7501 CUP PULL

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



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

FOR THRU-BOLTED BACKPLATES ONLY

[a] 3000, 11000, 12000, 24000 & 25000 SERIES

[b] 4000 SERIES
DRILL 1/2" DIA. HOLE

1 1/4" DIAMETER
Drill only if CYLINDER is on this side

5/8" DIAMETER
Drill only if TURNPIECE is on this side

℄ of strike
(3/8" up from ℄ of lock)
℄ of lock
(1 1/2" up from ℄ of knob/lever)

1/2" DIAMETER
Drill only if THRU-BOLTED ROSES are being used

3/4" DIAMETER
Drill if KNOB or LEVER is on this side

1/2" DIAMETER
Drill only if THRU-BOLTED ROSES are being used

FOR THRU-BOLTED BACKPLATES ONLY

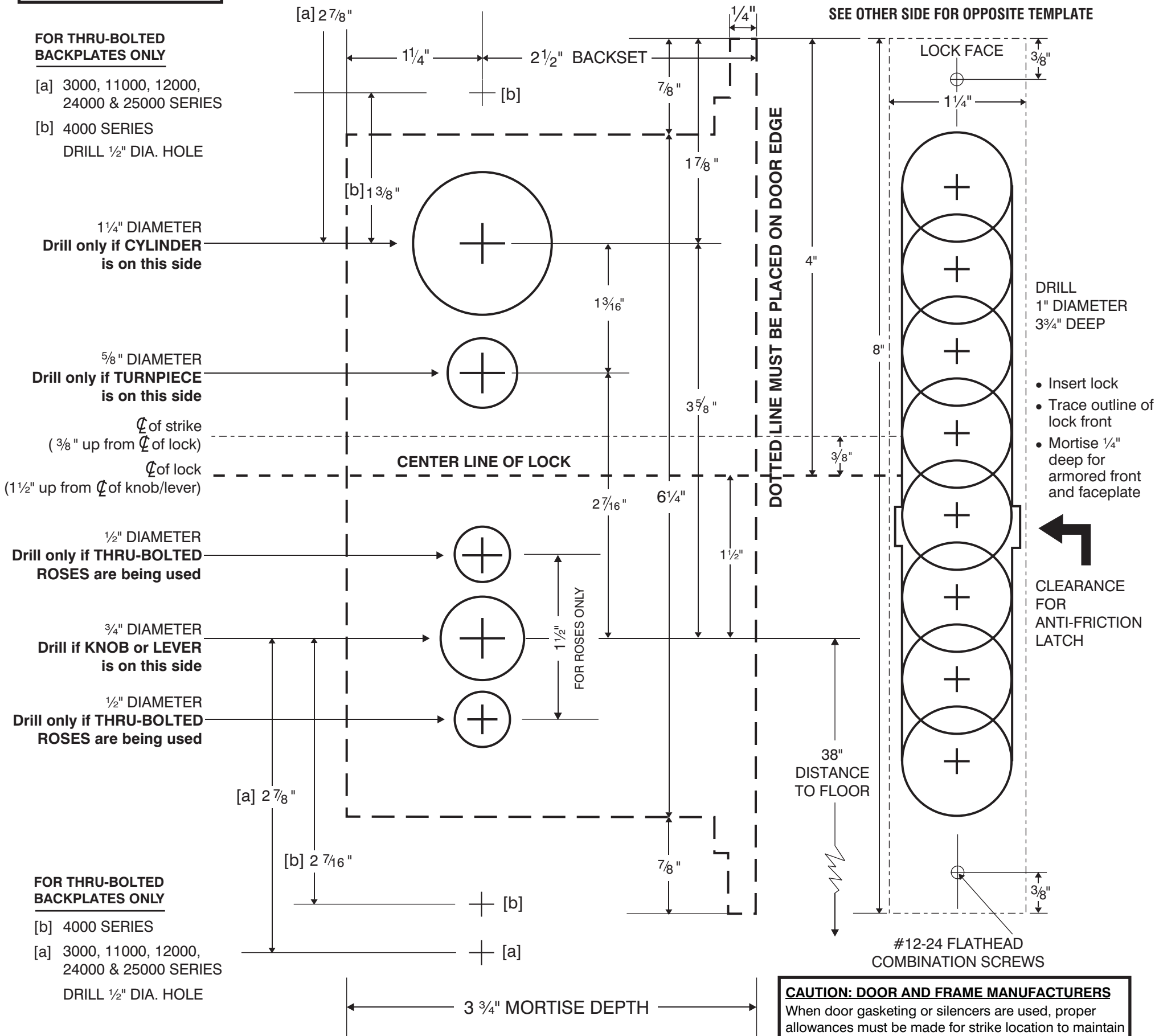
[b] 4000 SERIES

[a] 3000, 11000, 12000, 24000 & 25000 SERIES

DRILL 1/2" DIA. HOLE

2 1/2" BACKSET MORTISE LOCK TEMPLATE

FOR LEVER X LEVER OR KNOB X KNOB
SEE OTHER SIDE FOR OPPOSITE TEMPLATE



2 1/2" BACKSET LEVER X LEVER OR KNOB X KNOB MORTISE LOCK INSTALLATION INSTRUCTIONS

DOOR PREPRATION

- Draw a horizontal line on both sides of the door at 38" above the finished floor.
NOTE: If mortise for strike already exists in frame, locate horizontal line for knob/lever using strike mortise as a reference point. Go down 1 7/8" from the center line of the strike and mark the horizontal line of the knob/lever at this point. Our standard horizontal center line for the strike is 1 7/8" above the horizontal knob/lever line or 39 7/8" above the finished floor.
- Draw a vertical line on both sides of the door 2 1/2" back from edge of door. This will be the center line for the turnpiece, cylinder(s), knob/lever, and thru-bolts for backplates or roses.
- Draw a vertical line on center of the door edge.
- Locate vertical center line for strike by taking half the door thickness plus the thickness of silencers (if used). Use this dimension to locate the strike vertical center line from the doorstop molding.
- Position the template on the door edge with the horizontal line of the knob or lever lining up with the horizontal line marked on the door. Mark centers of holes for mortise cavity. **Be sure to mark the clearance needed on both sides of the cavity for the anti-friction latch.**
- Mark lever/knob, cylinder(s), turnpiece, and thru-bolts for backplates to be drilled (Refer to Diagram #2 on reverse side). If roses are being used, drill two 1/2" holes for thru-bolted roses next to lever/knob hole. **Do not drill holes for thru-bolted backplates.**

MORTISING OF DOOR

- Mortise door edge for lockbody 3 3/4" deep and cut notches for anti-friction latch.
- Insert lockbody into cavity and outline the lock armored front and mark lock mounting screw holes.
- Mortise 1/4" deep for the armored front and faceplate to be installed later. Also notch deeper or drill two cavities to allow the beveling screws to sit in.
- Drill pilot holes for the lock mounting screws and all of the holes needed for cylinder(s), turnpiece, knobs/levers, and thru-bolts for backplates or roses. (Refer to Diagram #2 on reverse side).
- Using faceplate as a template outline, mortise to allow faceplate to fit snugly.
- Using the strike as a template, align it on the marked center lines and outline strike and openings for deadbolt and latchbolt. Drill 1" deep for deadbolt and latch holes.
- Mortise 3/32" deep for mortise strike.
- Drill all of the required diameter holes as stated on the template for the cylinder(s), turnpiece, knobs/levers, and thru-bolts for backplates or roses.

INSTALLING LOCK AND STRIKE

- FOR BEVELED EDGE DOOR:** Loosen the two beveling screws behind armored front of lock. Adjust the armored front of lockbody to the bevel of the door. Tighten beveling screws before installing the lockbody.
- Insert lockbody into cavity and secure to door using the two #12 combination screws. **DO NOT ATTACH FINISHED FACEPLATE AT THIS TIME.**
- Place strike into strike mortise and attach it to frame using the two #12 combination screws (Refer to Diagram #1 on reverse side for installation of strike).

INSTALLING FINISHED TRIM

- Install backplates or roses with screws showing on the interior. At this point, just tighten the screws snugly to allow rose or backplates to be aligned. (When using backplates w/turnpiece, turnpiece should be on the interior.)
- Insert cylinder at this time, but only tighten by hand.
- Insert spindle with shoulder stop on the exterior. Be sure center of spindle aligns with the center of the lock. When shoulder stop sits flush against the outside hub of the lock, the spindle is properly aligned.
- Place nylon washers into holes of the roses/plates. Attach knobs/levers and tighten set screws. (Skip this step if lever/knob is already fastened to plate.) This will align plates/roses. Now tighten the plate/rose screws.
- Thread in cylinder until it is flush with the backplate or collar. Position the cylinder so the "OMNIA" logo is readable. Tighten cylinder set screw through the lock front.
- Attach lock faceplate using the faceplate screws provided.
- Adjust knobs/levers to turn freely and tighten set screws.



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**FOR LEVER X LEVER OR KNOB X KNOB
SEE OTHER SIDE FOR OPPOSITE TEMPLATE**

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

**FOR THRU-BOLTED
BACKPLATES ONLY**

[a] 3000, 11000, 12000,
24000 & 25000 SERIES

[b] 4000 SERIES
DRILL 1/2" DIA. HOLE

1 1/4" DIAMETER
Drill only if CYLINDER
is on this side

5/8" DIAMETER
Drill only if TURNPIECE
is on this side

$\varnothing$ of strike
 ($\frac{3}{8}$ " up from $\varnothing$ of lock)
 $\varnothing$ of lock
 ($1\frac{1}{2}$ " up from $\varnothing$ of knob/lever)

**1/2" DIAMETER
Drill only if THRU-BOLTED
ROSES are being used**

3/4" DIAMETER
Drill only if KNOB or LEVER
is on this side

1/2" DIAMETER
Drill only if THRU-BOLTED
ROSES are being used

**FOR THRU-BOLTED
BACKPLATES ONLY**

[b] 4000 SERIES

[a] 3000, 11000, 12000,
24000 & 25000 SERIES
DRILL 1/2" DIA. HOLE

DRILL
1" DIAMETER
3¾" DEEP

- Insert lock
- Trace outline of lock front
- Mortise 1/4" deep for armored front and faceplate

CLEARANCE
FOR
ANTI-FRICTION
LATCH

#12-24 FLATHEAD COMBINATION SCREWS

DIAGRAM #1

MORTISE STRIKE INSTALLATION INSTRUCTIONS

- 1) Locate center line of strike by taking the center line of the mortise lock case and going up $\frac{3}{8}$ " and making a line on the jamb.
- 2) Position the center line of the strike onto the line and using the strike as a guide trace the edge of the strike.
- 3) Mortise the jamb $\frac{3}{32}$ " deep for the strike.
- 4) When box strike **is used** a minimum of 1" mortise depth is needed.
- 5) When box strike is **not used** be sure to mortise deep enough to allow the latchbolt and deadbolt to fully extend.

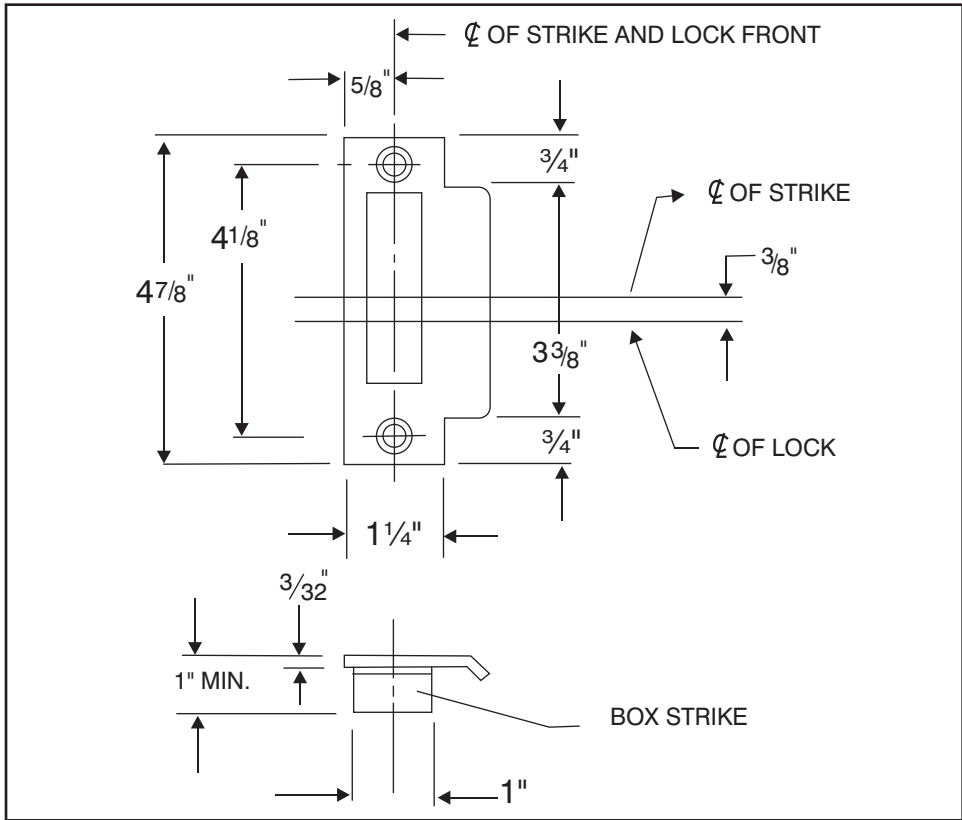


DIAGRAM #2

FUNCTION HOLES TO DRILL

Function	Cyl. Hole outside	Cyl. Hole 2 sides	Turnpiece inside	Knob hole 2 sides	Cam type
A	X		X	X	C
AC		X		X	C
B	X		X	X	C
CD			X	X	
E	X			X	S
EW	X			X	S
F	X		X	X	C
FW	X		X	X	C
J	X			X	S
L			Both Sides	X	
N				X	
PD					
SD					

Key: C = Cloverleaf S=Straight Cam



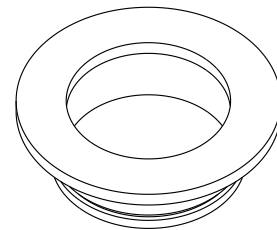
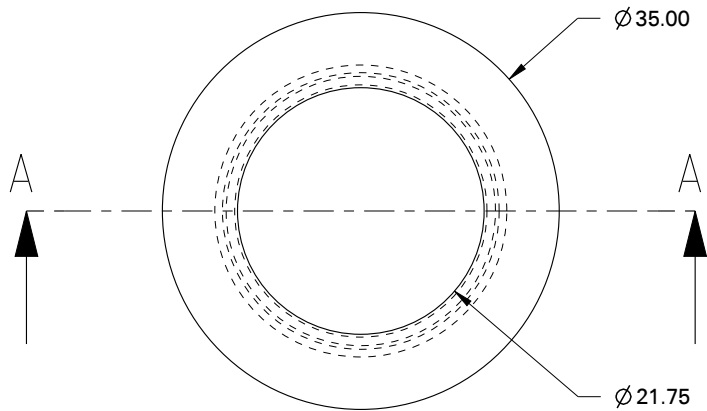
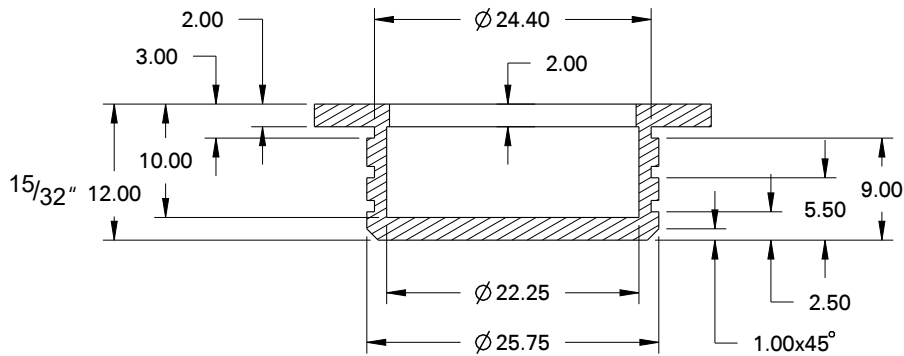
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INSTALLATION TEMPLATE FOR OMNIA #7502 CUP PULL

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



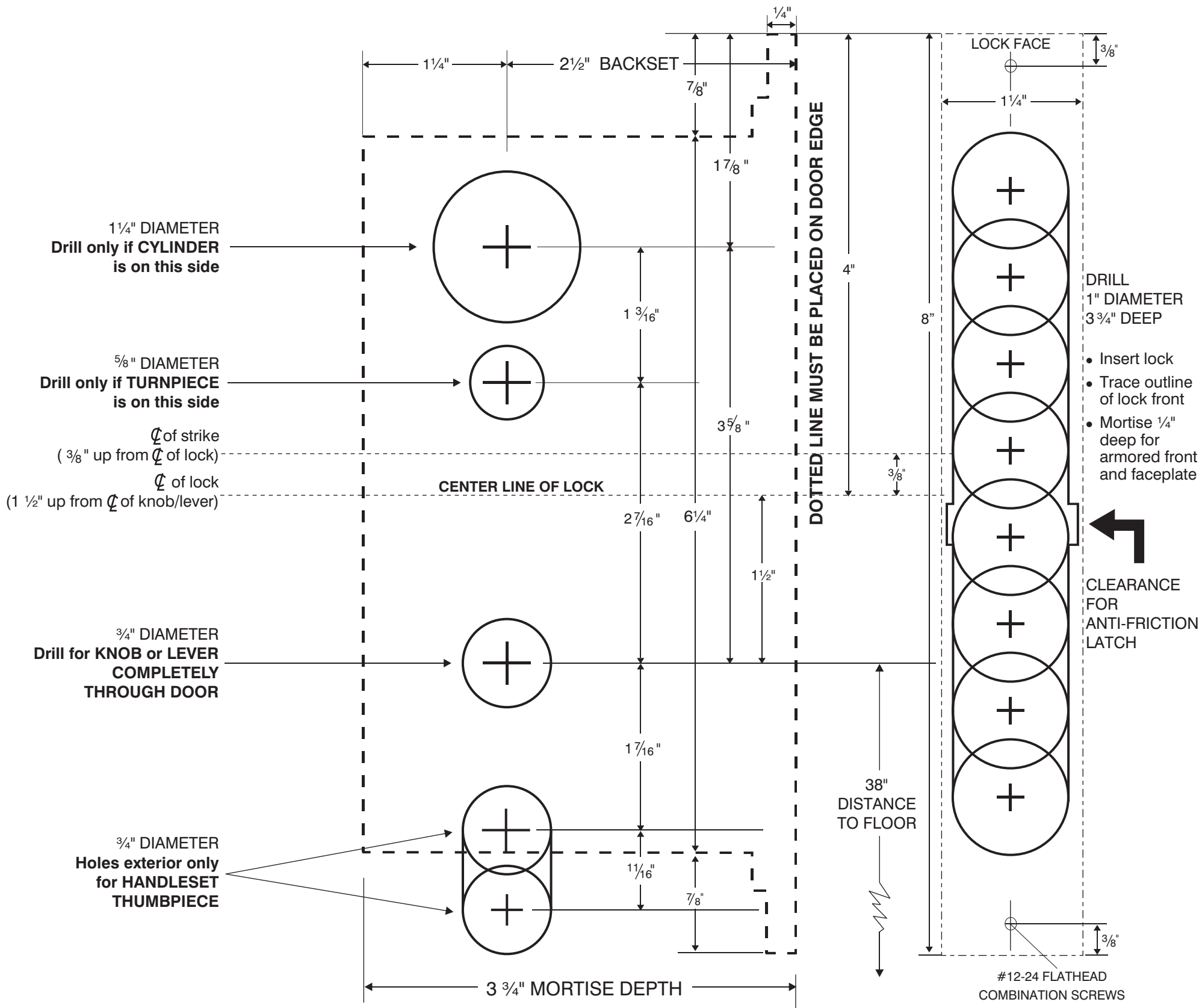
2½ " BACKSET MORTISE HANDLESET LOCK TEMPLATE

SEE OTHER SIDE FOR OPPOSITE TEMPLATE

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

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.



2 1/2" BACKSET HANDLE SET MORTISE LOCK INSTALLATION INSTRUCTIONS

DOOR PREPRATION

- 1) Draw a horizontal line on both sides of the door at 38" above the finished floor.
NOTE: If mortise for strike already exists in frame, locate horizontal line for knob/lever using strike mortise as a reference point. Go down 1⁷/₈" from the center line of the strike and mark the horizontal line of the knob/lever at this point. Our standard horizontal center line for the strike is 1⁷/₈" above the horizontal knob/lever line or 39⁷/₈" above the finished floor.
- 2) Draw a vertical line on both sides of the door 2¹/₂" back from edge of door. This will be the center line for the turnpiece, cylinder(s), knob/lever, thumbpiece, and thru-bolts for backplates.
- 3) Draw a vertical line on center of the door edge.
- 4) Locate vertical center line for strike by taking half the door thickness plus the thickness of silencers (if used). Use this dimension to locate the strike vertical center line from the doorstop molding.
- 5) Position the template on the door edge with the horizontal line of the knob or lever lining up with the horizontal line marked on the door. Mark centers of holes for mortise cavity.
Be sure to mark the clearance needed on both sides of the cavity for the anti-friction latch.
- 6) Mark lever/knob, thumbpiece, cylinder(s) and turnpiece positions to be drilled.

MORTISING OF DOOR

- 1) Mortise door edge for lockbody 3 ¾" deep and cut notches for anti-friction latch.
- 2) Insert lockbody into cavity and outline the lock armored front and mark lock mounting screw holes.
- 3) Mortise ¼" deep for the armored front and faceplate to be installed later. Also notch deeper or drill two cavities to allow the beveling screws to sit in.
- 4) Drill pilot holes for the lock mounting screws and all of the holes needed for knob/lever, thumbpiece, cylinder(s), and turnpiece.
- 5) Using faceplate as a template outline and mortise to allow faceplate to fit snugly.
- 6) Using the strike as a template, align it on the marked center lines and outline strike and openings for deadbolt and latchbolt. Drill 1" deep for deadbolt and latch holes.
- 7) Mortise 3/32" deep for mortise strike.
- 8) Drill all of the required diameter holes as stated on the template for the knob/lever, thumbpiece, cylinder(s), and turnpiece.

INSTALLING LOCK AND STRIKE

- 1) **FOR BEVELED EDGE DOOR:** Loosen the two beveling screws behind armored front of lock. Adjust the armored front of lockbody to the bevel of the door. Tighten beveling screws before installing the lockbody.
- 2) Insert lock body into cavity and secure to door using the two #12 combination screws. **DO NOT ATTACH FINISHED FACEPLATE AT THIS TIME.**
- 3) Place strike into strike mortise and attach it to frame using the two #12 combination screws. (Refer to Diagram #1 on reverse side for installation of strike.)

INSTALLING FINISHED TRIM

- 1) Install spindle through the door from the outside.
- 2) Install outside thumbpiece trim by inserting thumbpiece arm into proper hole and installing cylinder. Tighten the mortise cylinder and mark and drill with a 1/4" drill bit any thru-bolting holes for the handle.
- 3) Install all thru-bolt screws for handle and tighten. Check operation of cylinder so that it works smoothly.
- 4) Install interior plate with proper screws supplied, but do not tighten screws at this time. If a cylinder is being used on the interior, install it at this time.
- 5) Install nylon washer into backplate hole for knob/lever and attach knob/lever to spindle. Tighten the knob/lever and cylinder snugly to align backplate and then tighten the back plate screws.
- 6) Unthread the knob/lever slightly and install set screws to hold the knob/lever in place. Check for free movement of the knob/lever.
- 7) Properly position the cylinder so the "OMNIA" logo is readable. Tighten the cylinder set screw(s) through the lock front.
- 8) Attach lock faceplate using the faceplate screws provided.



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

2½ " BACKSET MORTISE HANDLESET LOCK TEMPLATE

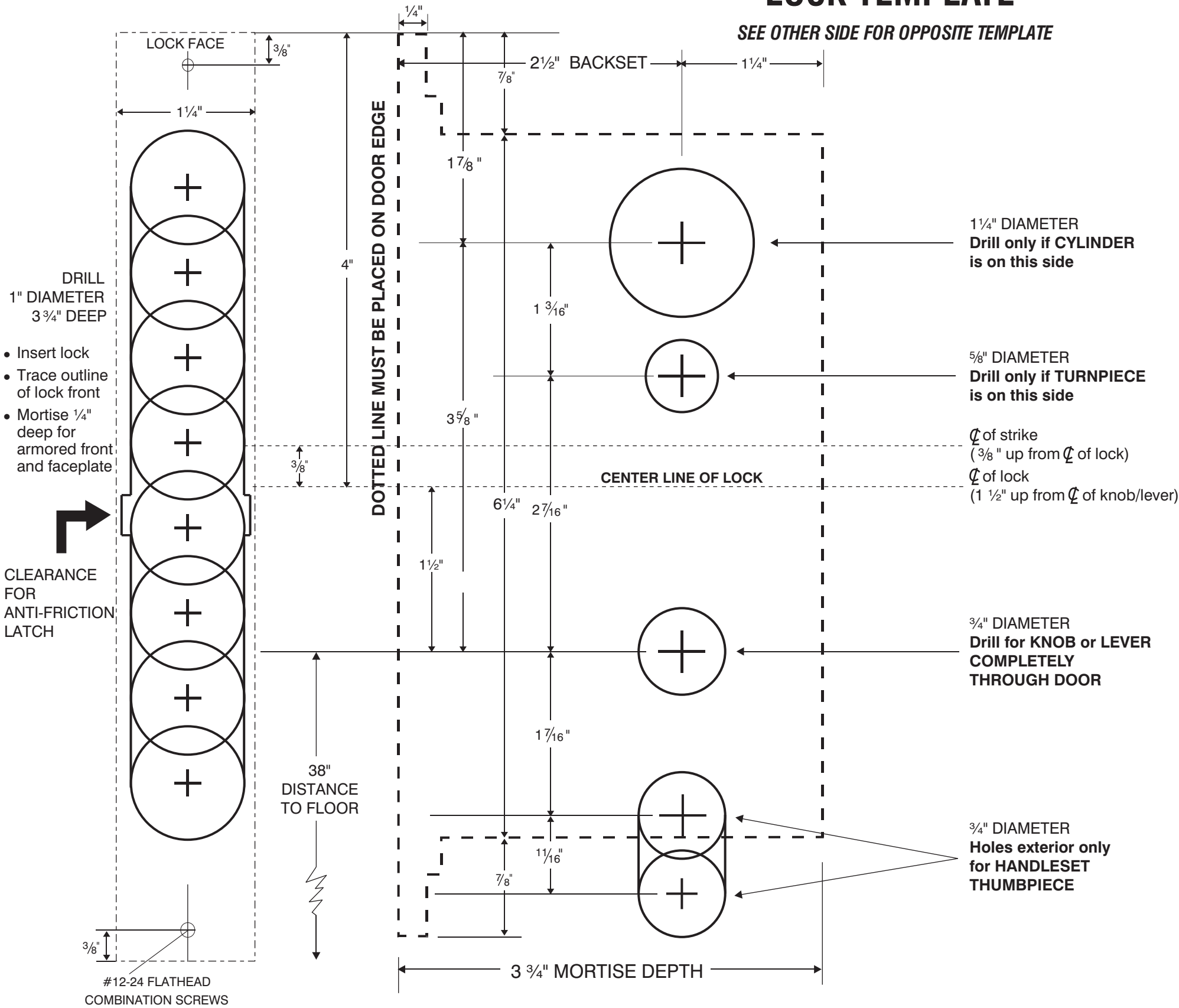


DIAGRAM #1

MORTISE STRIKE INSTALLATION INSTRUCTIONS

- 1) Locate center line of strike by taking the center line of the mortise lock case and going up 3/8" and making a line on the jamb.
- 2) Position the center line of the strike onto the line and using the strike as a guide trace the edge of the strike.
- 3) Mortise the jamb 3/32" deep for the strike.
- 4) When box strike *is used* a minimum of 1" mortise depth is needed.
- 5) When box strike is *not used* be sure to mortise deep enough to allow the latchbolt and deadbolt to fully extend.

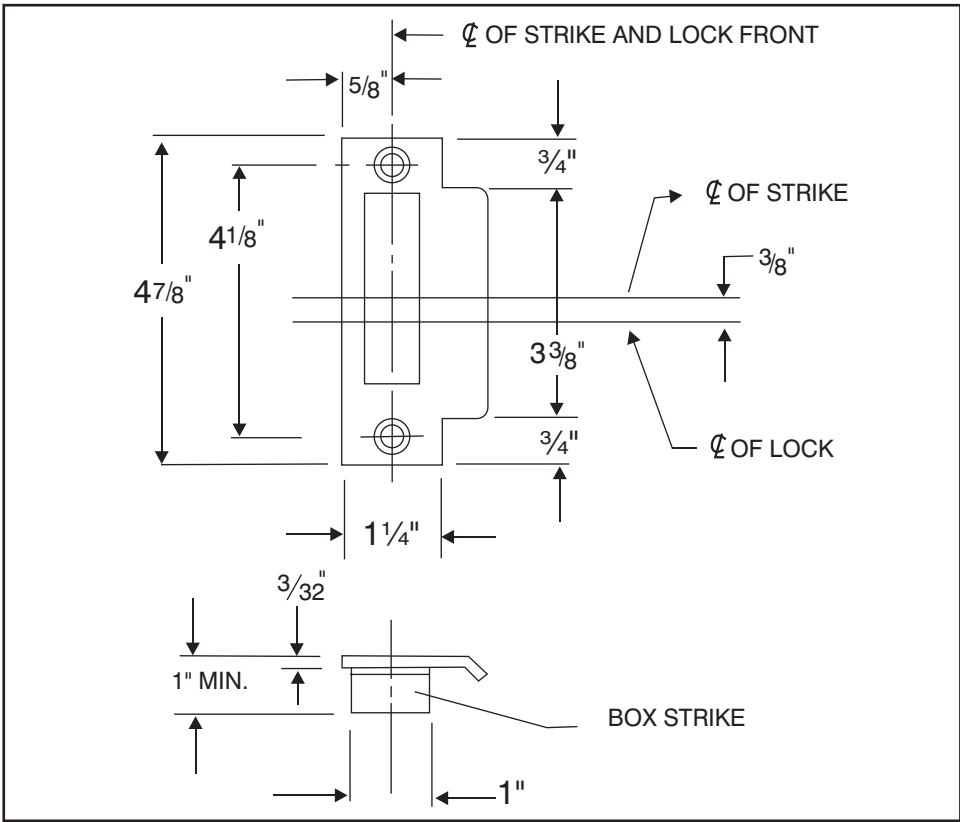


DIAGRAM #2

FUNCTION HOLES TO DRILL

Function	Cyl. Hole outside	Cyl. Hole 2 sides	Turnpiece inside	Knob hole 2 sides	Cam type
A	X		X	X	C
AC		X		X	C
B	X		X	X	C
E	X			X	S
EW	X			X	S
F	X		X	X	C
FW	X		X	X	C
J	X			X	S
L			Both Sides	X	
N				X	
PD					
SD					

Key: C = Cloverleaf S=Straight Cam



CEDAR GROVE, NJ 07009

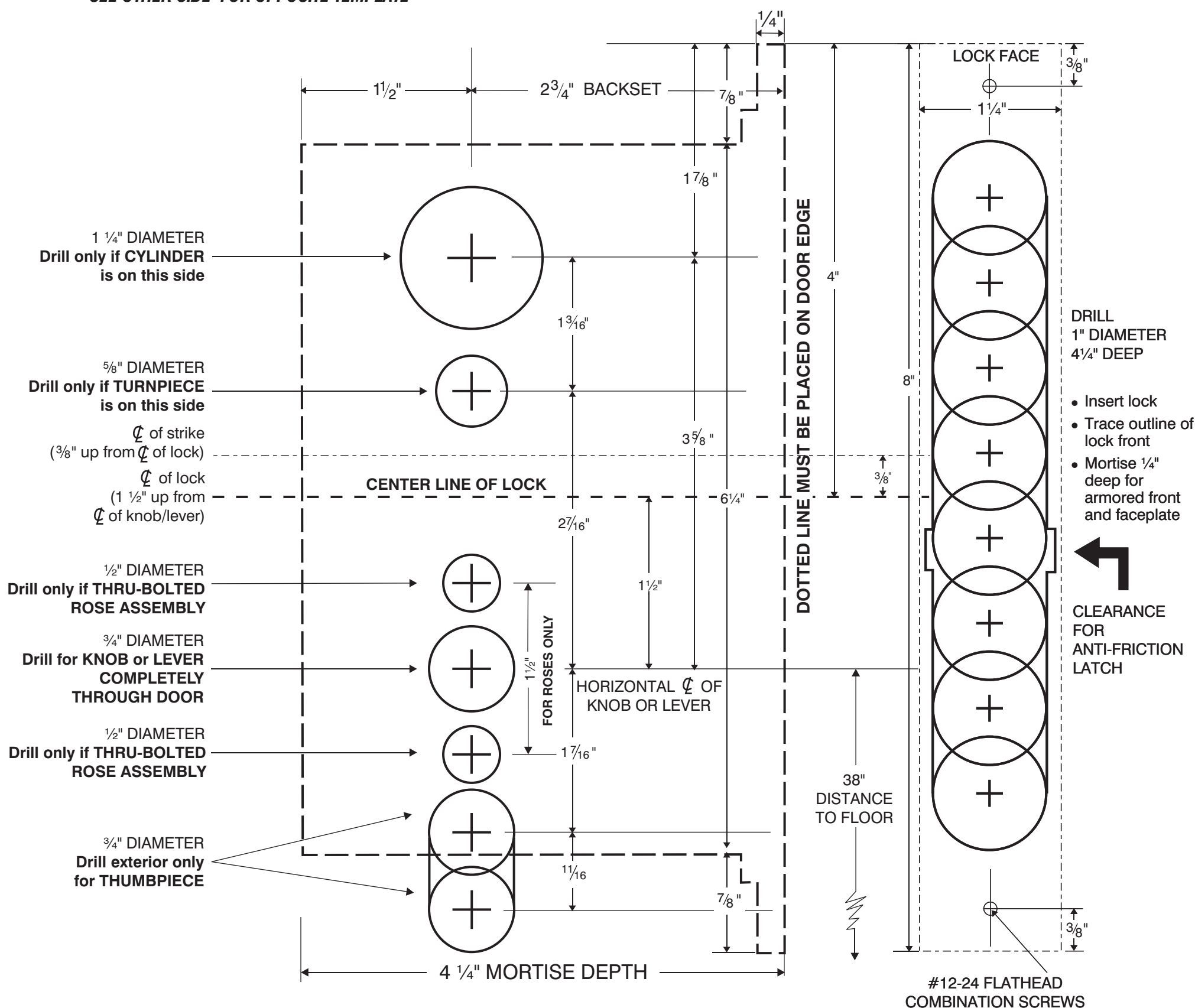
**FOR MORTISE HANDLESET OR
LEVER X LEVER & KNOB X KNOB**

SEE OTHER SIDE FOR OPPOSITE TEMPLATE

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

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.



2 3/4" BACKSET LOCK TEMPLATE FOR MORTISE HANDLESET OR LEVER X LEVER & KNOB X KNOB INSTALLATION INSTRUCTIONS

DOOR PREPRATION

- 1) Draw a horizontal line on both sides of the door at 38" above the finished floor.
NOTE: If mortise for strike already exists in frame, locate horizontal line for knob/lever using strike mortise as a reference point. Go down 1 7/8" from the center line of the strike and mark the horizontal line of the knob/lever at this point. Our standard horizontal center line for the strike is 1 7/8" above the horizontal knob/lever line or 39 7/8" above the finished floor.
- 2) Draw a vertical line on both sides of the door 2 3/4" back from edge of door. This will be the center line for the turnpiece, cylinder(s), knob/lever, and thru-bolts for backplates or roses.
- 3) Draw a vertical line on center of the door edge.
- 4) Locate vertical center line for strike by taking half the door thickness plus the thickness of silencers (if used). Use this dimension to locate the strike vertical center line from the doorstop molding.
- 5) Position the template on the door edge with the horizontal line of the knob or lever lining up with the horizontal line marked on the door. Mark centers of holes for mortise cavity. **Be sure to mark the clearance needed on both sides of the cavity for the anti-friction latch.**
- 6) Mark lever/knob, cylinder(s), turnpiece, and thru-bolts for backplates to be drilled (Refer to Diagram #2 on reverse side). If roses are being used, drill two 1/2" holes for thru-bolts roses next to lever/knob hole. **Do not drill holes for thru-bolts backplates.**

MORTISING OF DOOR

- 1) Mortise door edge for lockbody 4 1/4" deep and cut notches for anti-friction latch.
- 2) Insert lockbody into cavity and outline the lock armored front and mark lock mounting screw holes.
- 3) Mortise 1/4" deep for the armored front and faceplate to be installed later. Also notch deeper or drill two cavities to allow the beveling screws to sit in.
- 4) Drill pilot holes for the lock mounting screws and all of the holes needed for cylinder(s), turnpiece, knobs/levers, and thru-bolts for backplates or roses. (Refer to Diagram #2 or reverse side).
- 5) Using faceplate as a template outline, mortise to allow faceplate to fit snugly.
- 6) Using the strike as a template, align it on the marked center lines and outline strike and openings for deadbolt and latchbolt. Drill 1" deep for deadbolt and latch holes.
- 7) Mortise 3/32" deep for mortise strike.
- 8) Drill all of the required diameter holes as stated on the template for the cylinder(s), turnpiece, knobs/levers, and thru-bolts for backplates or roses.

INSTALLING LOCK AND STRIKE

- 1) **FOR BEVELED EDGE DOOR:** Loosen the two beveling screws behind armored front of lock. Adjust the armored front of lockbody to the bevel of the door. Tighten beveling screws before installing the lockbody.
- 2) Insert lockbody into cavity and secure to door using the two #12 combination screws. **DO NOT ATTACH FINISHED FACEPLATE AT THIS TIME.**
- 3) Place strike into strike mortise and attach it to frame using the two #12 combination screws (Refer to Diagram #1 on reverse side for installation of strike).

INSTALLING FINISHED TRIM

- 1) Install backplates or roses with screws showing on the interior. At this point, just tighten the screws snugly to allow rose or backplates to be aligned. (When using backplates w/turnpiece, turnpiece should be on the interior.)
- 2) Insert cylinder at this time, but only tighten by hand.
- 3) Insert spindle with shoulder stop on the exterior. When installing lever x lever or knob x knob be sure center of spindle aligns with the center of the lock. When shoulder stop sits flush against the outside hub of the lock, the spindle is properly aligned.
- 4) Place nylon washers into holes of the roses/plates. Attach knobs/levers and tighten set screws. (Skip this step if lever/knob is already fastened to plate.) This will align plates/roses. Now tighten the plate/rose screws.
- 5) Thread in cylinder until it is flush with the backplate or collar. Position the cylinder so the "OMNIA" logo is readable. Tighten cylinder set screw through the lock front.
- 6) Attach lock faceplate using the faceplate screws provided.
- 7) Adjust knobs/levers to turn freely and tighten set screws.



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OM-HS234-OC
Rev. 12/29/10

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

2 3/4 " BACKSET LOCK TEMPLATE

FOR MORTISE HANDLESET OR
LEVER X LEVER & KNOB X KNOB

SEE OTHER SIDE FOR OPPOSITE TEMPLATE

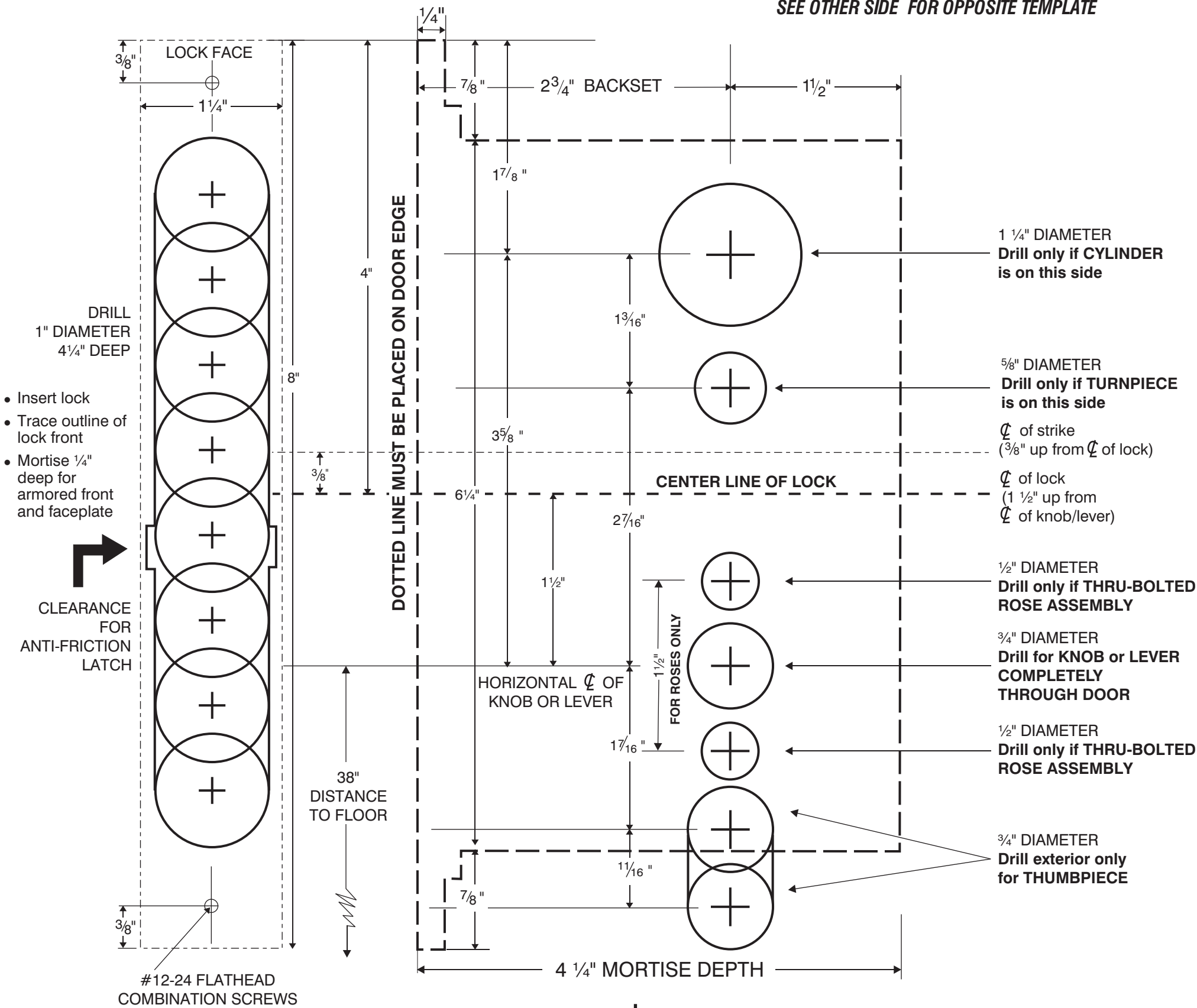


DIAGRAM #1

MORTISE STRIKE INSTALLATION INSTRUCTIONS

- 1) Locate center line of strike by taking the center line of the mortise lock case and going up 3/8" and making a line on the jamb.
- 2) Position the center line of the strike onto the line and using the strike as a guide trace the edge of the strike.
- 3) Mortise the jamb 3/32" deep for the strike.
- 4) When box strike **is used** a minimum of 1" mortise depth is needed.
- 5) When box strike is **not used** be sure to mortise deep enough to allow the latchbolt and deadbolt to fully extend.

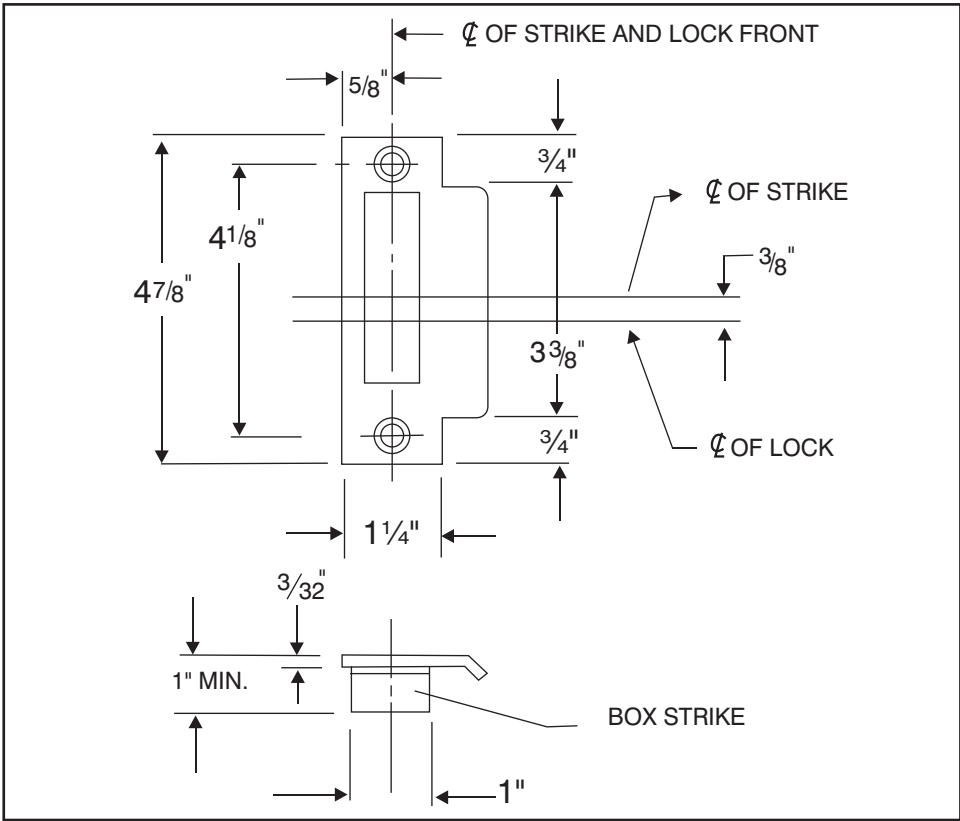


DIAGRAM #2

FUNCTION HOLES TO DRILL

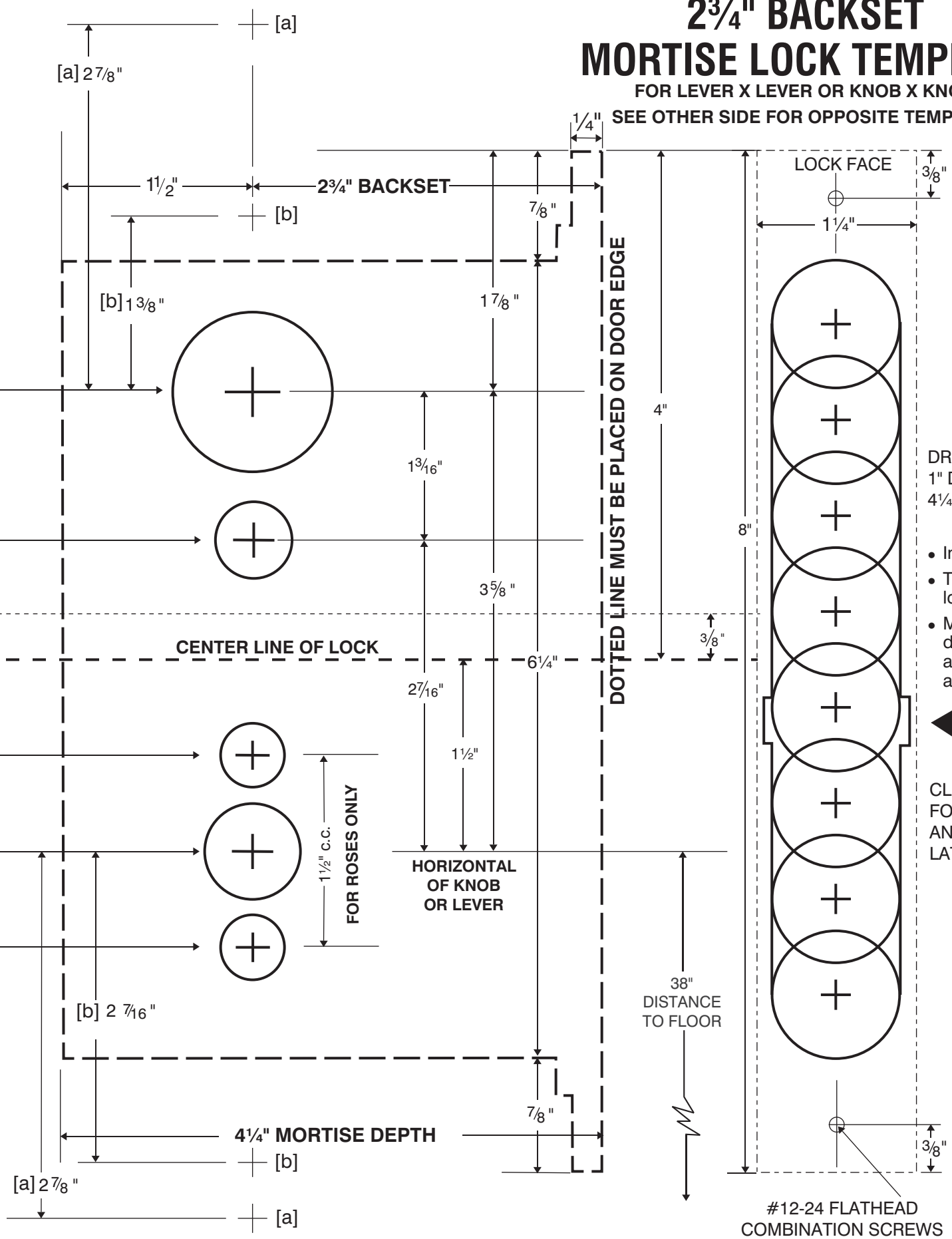
Function	Cyl. Hole outside	Cyl. Hole 2 sides	Turnpiece inside	Knob hole 2 sides	Cam type
A	X		X	X	C
AC		X		X	C
B	X		X	X	C
E	X			X	S
EW	X			X	S
F	X		X	X	C
FW	X		X	X	C
J	X			X	S
L			Both Sides	X	
N				X	
PD					
SD					

Key: C = Cloverleaf S=Straight Cam



CEDAR GROVE, NJ 07009

DRILL 1/2" DIA. HOLE



Rev. 1/6/11

**FOR LEVER X LEVER OR KNOB X KNOB
SEE OTHER SIDE FOR OPPOSITE TEMPLATE**

**FOR THRU-BOLTED
BACKPLATES ONLY**

1 1/4" DIAMETER
Drill only if CYLINDER
is on this side

**5/8 " DIAMETER
Drill only if TURNPIECE
is on this side**

☞ of strike
 ($\frac{3}{8}$ " up from ☞ of lock)
 ☞ of lock
 ($1\frac{1}{2}$ " up from ☞ of knob/lever)

1/2" DIAMETER
Drill only if THRU-BOLTED
ROSES are being used

**3/4" DIAMETER
Drill only if KNOB or LEVER
is on this side**

**1/2" DIAMETER
Drill only if THRU-BOLTED
ROSES are being used**

**FOR THRU-BOLTED
BACKPLATES ONLY**

[b] 4000 SERIES
[a] 3000, 11000, 12000,
24000 & 25000 SERIES

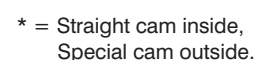
DRILL 1/2" DIA. HOLE

Insert lock
Trace outline of
lock front
Mortise $\frac{1}{4}$ "
deep for
armored front
and faceplate

CLEARANCE
FOR
ANTI-FRICTION
LATCH

#12-24 FLATHEAD COMBINATION SCREWS

- 1) Locate center line of strike by taking the center line of the mortise lock case and going up $\frac{3}{8}$ " and making a line on the jamb.
- 2) Position the center line of the strike onto the line and using the strike as a guide trace the edge of the strike.
- 3) Mortise the jamb $\frac{3}{32}$ " deep for the strike.
- 4) When box strike **is used** a minimum of 1" mortise depth is needed.
- 5) When box strike is **not used** be sure to mortise deep enough to allow the latchbolt and deadbolt to fully extend.



OMNIA
INDUSTRIES INC.

CEDAR GROVE, NJ 07009

OM-ML234A-00

Rev. 1/6/11



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.

Technical drawings of a door lock assembly, showing front, side, and detail views with dimensions and labels.

Front View (Left):

- Overall width: $3 \frac{3}{8}$
- Back set: $2 \frac{1}{2}$
- Knobs or levers: $\frac{3}{4}$ DIA. HOLE
- Mounting holes: $5/16$ DIA. HOLES THRU-BOLTING (2 PLACES)
- Dimensions: $19/32$, $1 \frac{5}{8}$, $4 \frac{13}{16}$, $19/32$, $1 \frac{1}{2}$ To $1 \frac{11}{16}$ ϕ To ϕ THRU-BOLTING

Side View (Middle):

- Overall height: $6''$
- Mounting holes: $5 \frac{1}{2}$ MOUNTING HOLES
- Dimensions: $1 \frac{1}{4}$, $1''$, $1/4$, 2.9950 , $3''$, $3''$
- Labels: LOCK, STRIKE, $9/32$
- Mounting: MOUNTING #8 FLAT HD. SCREW (2 PLACES)

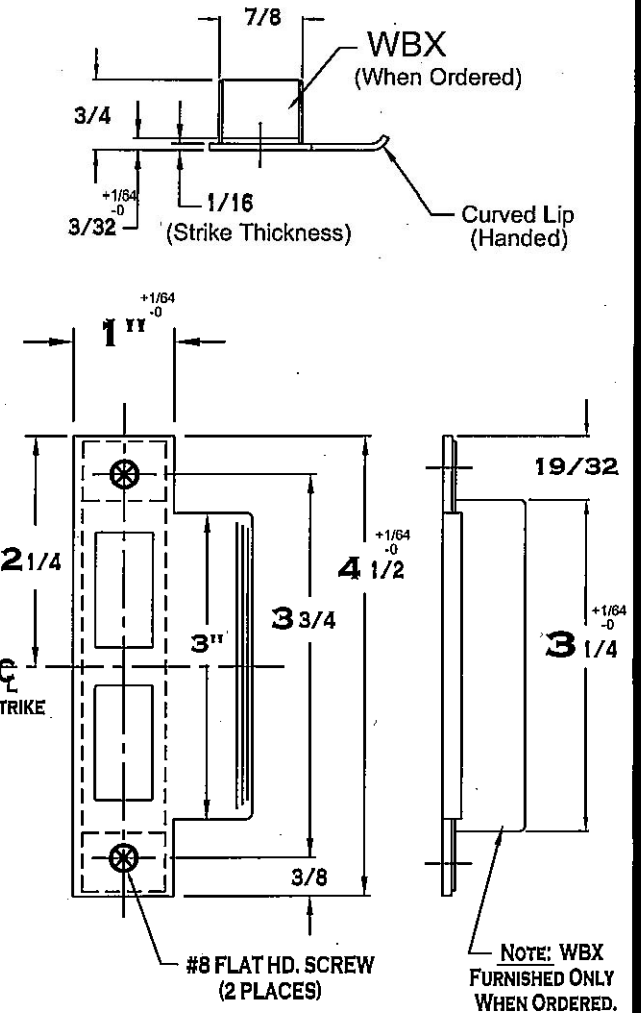
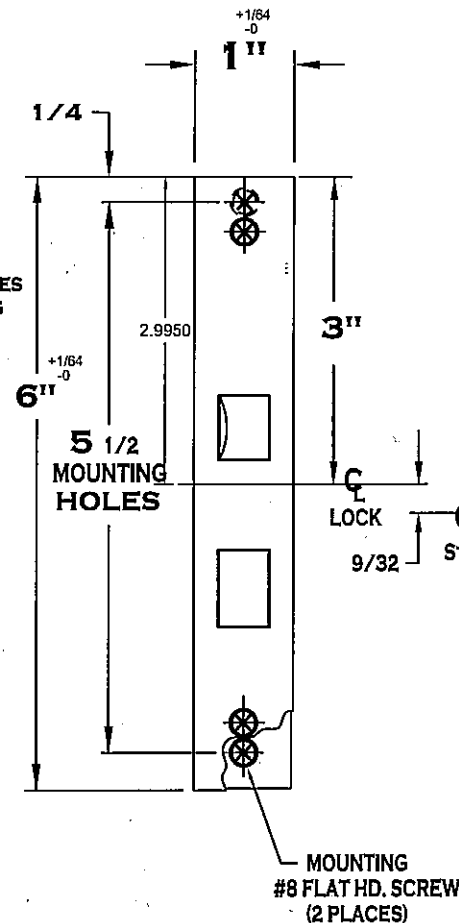
Detail View (Right):

- Labels: WBX (When Ordered), Curved Lip (Handed)
- Dimensions: $7/8$, $3/4$, $1/16$ (Strike Thickness), $3/32$, $1''$, $2 \frac{1}{4}$, $3''$, $3 \frac{3}{4}$, $4 \frac{1}{2}$, $3/8$, $19/32$, $3 \frac{1}{4}$
- Labels: #8 FLAT HD. SCREW (2 PLACES)
- Note: NOTE: WBX FURNISHED ONLY WHEN ORDERED.



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.

Technical drawing of a shaft with a diameter of $\frac{3}{4}$ inch and a tolerance of $+1/64$ to -0 . The shaft features a central hole and a keyway on the right end.





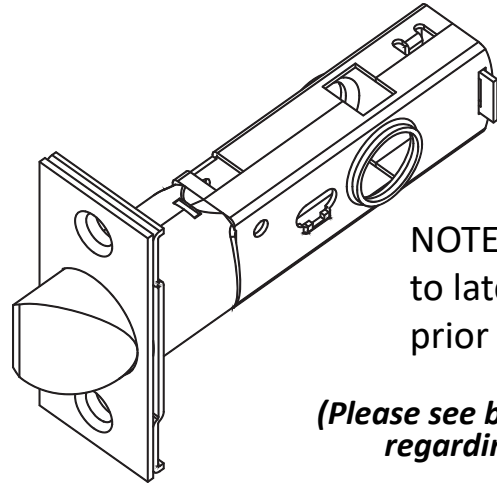
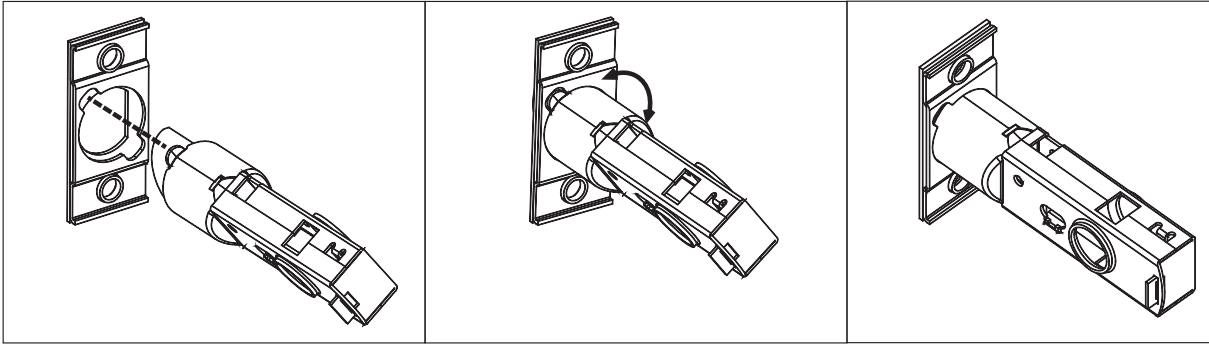
When door gasketing or silencers are used, proper allowances must be made for strike location to maintain a common centerline with lock and door so that the bolt will freely enter strike.

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

SCALE: 1=1

MAT'L: .093 THK. BRASS/SS		FINISH: US		QTY: 1 (AS SHOWN) X (OPPOSITE)	
TOLERANCES - UNLESS OTHERWISE NOTED: FRACTIONAL: ±0.03" 2-PLACE DECIMAL: ±0.01" 3-PLACE DECIMAL: ±0.005" ANGULAR: ±1°			NOTES: NEXT ASS'Y:		APPROVAL
			DWG. NO.		REV

Faceplate and Latch Assembly Instructions



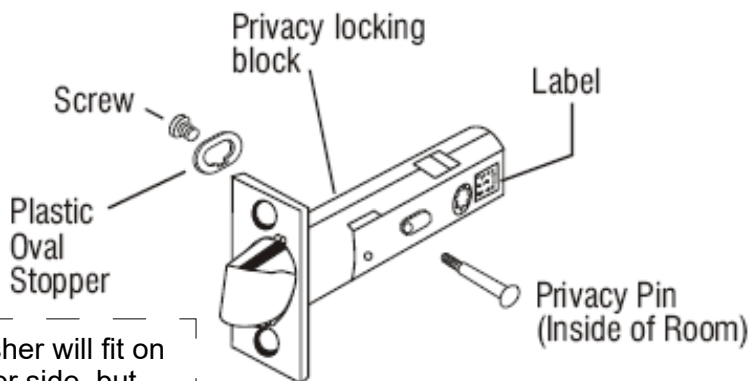
NOTE: Must attach faceplate to latch (as shown here) prior to installing latch in door.

(Please see below for instructions regarding privacy latch.)

OMNIA

INSTALLATION OF PRIVACY LATCH (PRIVACY LATCH ONLY)

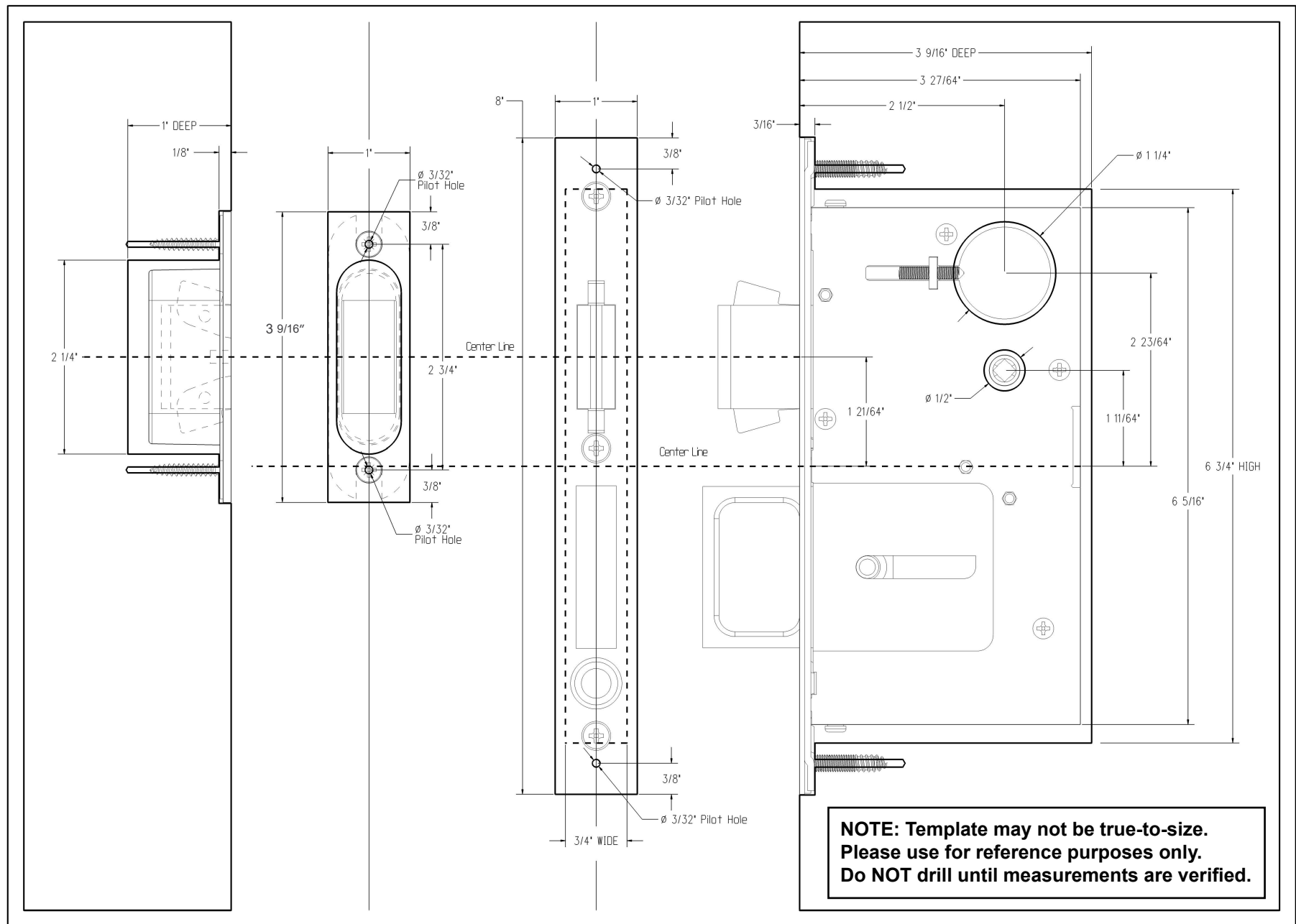
Figure #1



Washer will fit on either side, but MUST be installed on OUTER side.

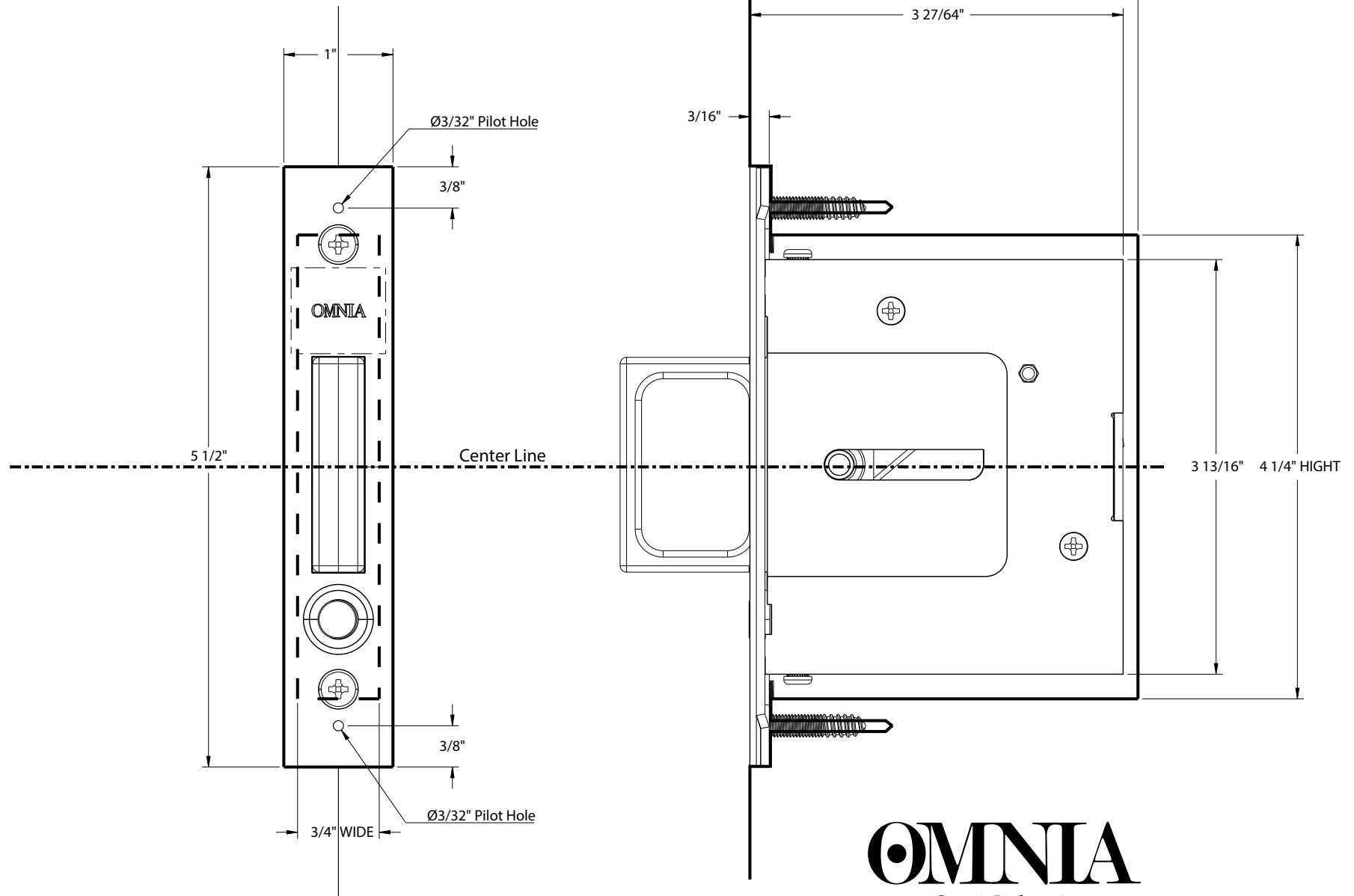
Hold latch with writing on label facing upwards. The side of latch that is inside of the room must be towards you. Push in the privacy locking block. Slide the oval plastic stopper over the outside privacy block. Fasten with the small machine screw.
***NOTE Thread privacy pin into latch after trim is applied.**

INSTALLATION TEMPLATE FOR OMNIA #7012, #7035, #7036, #7037, #7039 POCKET DOOR LOCKS



Pocket Door Lock 1230N Specifications

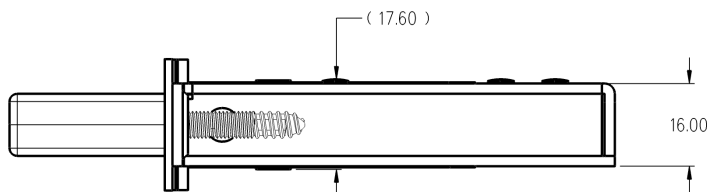
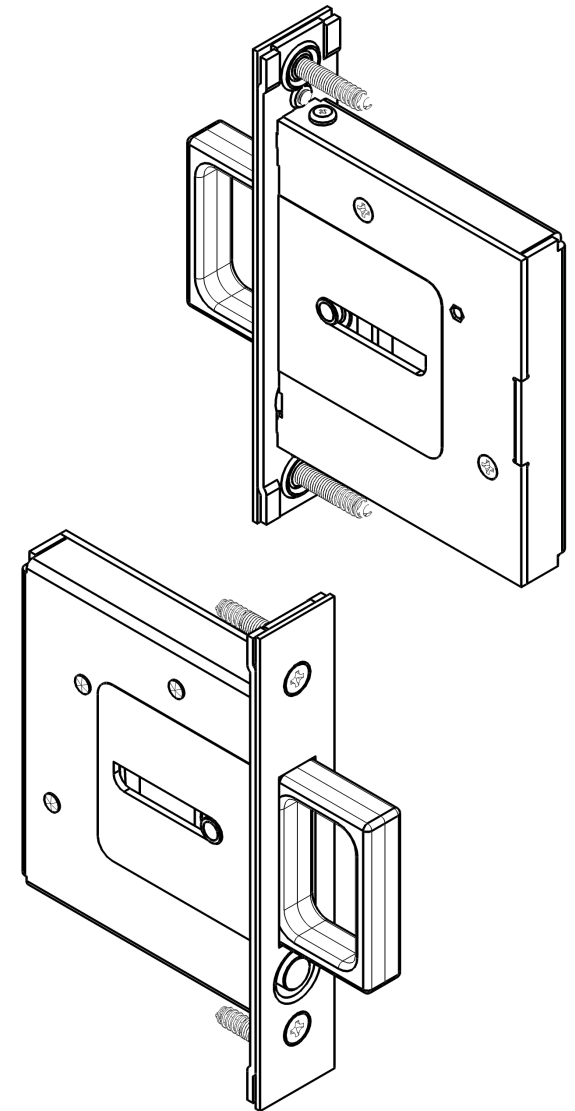
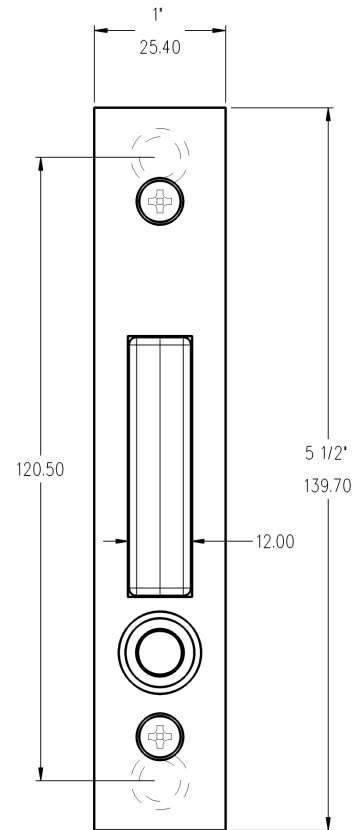
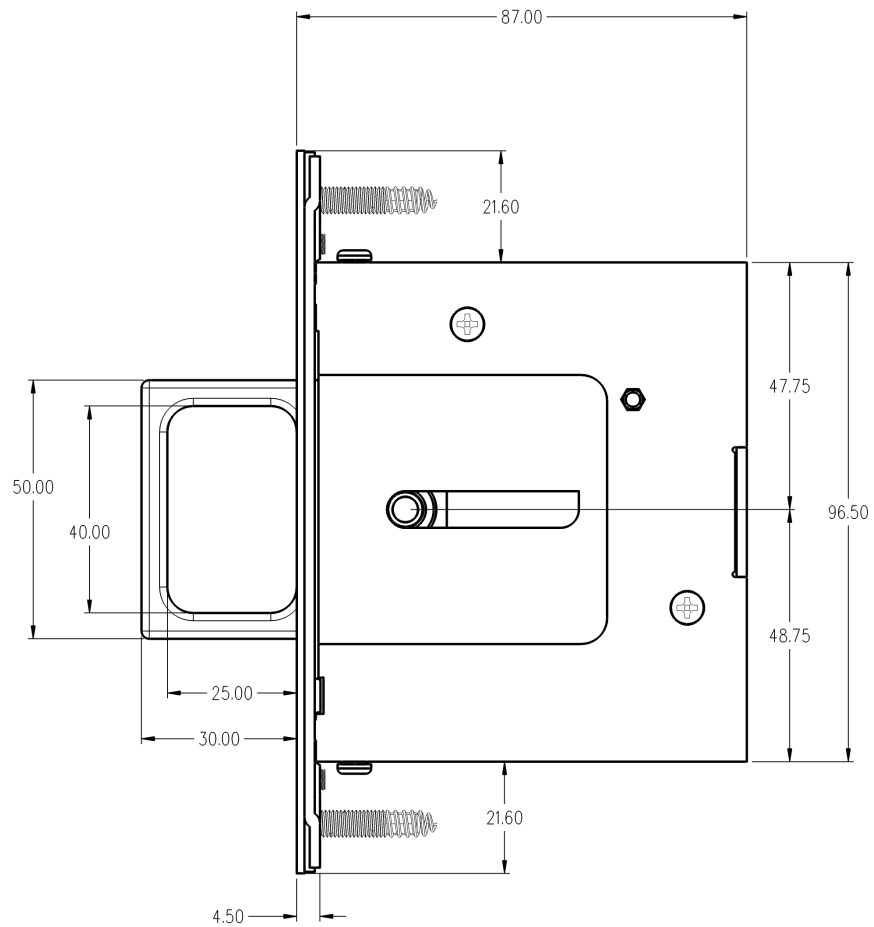
Note: Drawing not true-to-size



OMNIA

www.OmniaIndustries.com

973-239-7272

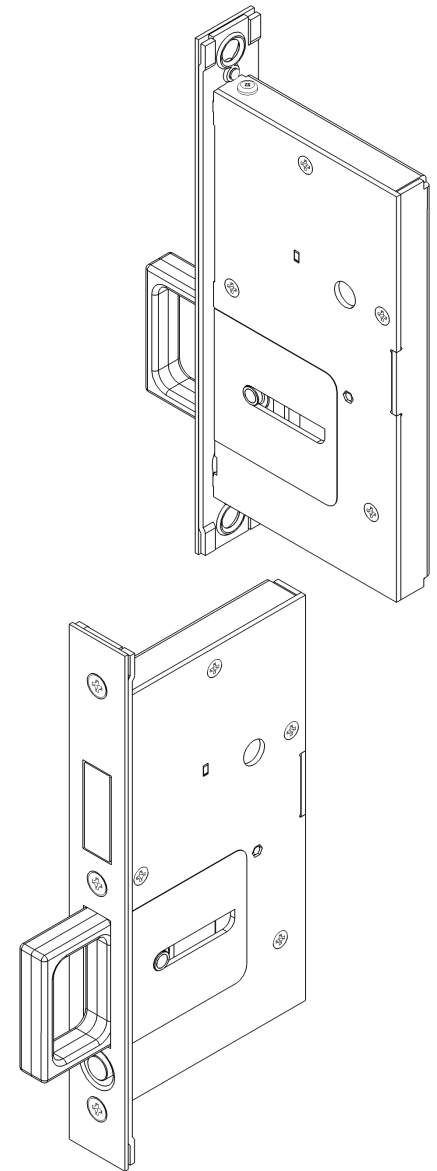
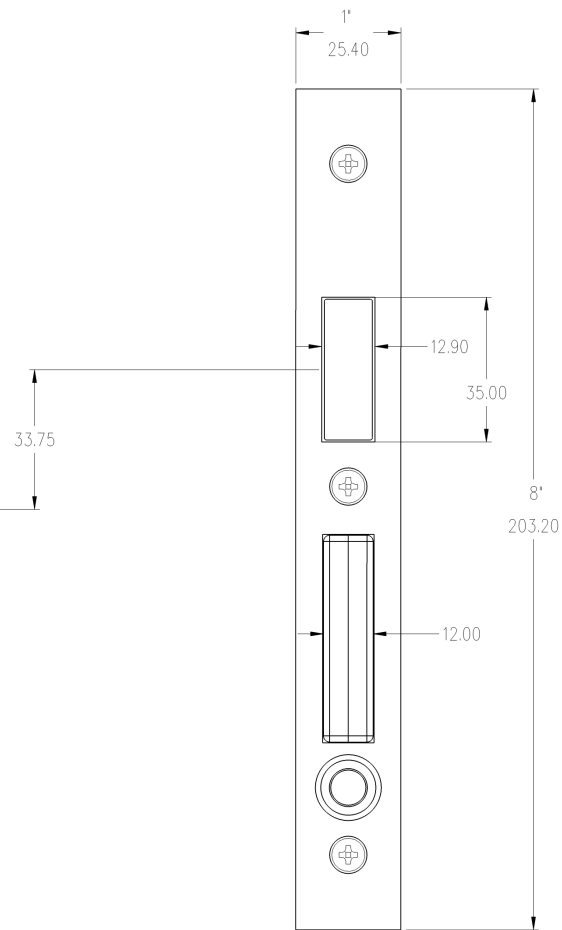
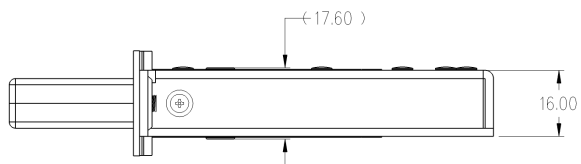
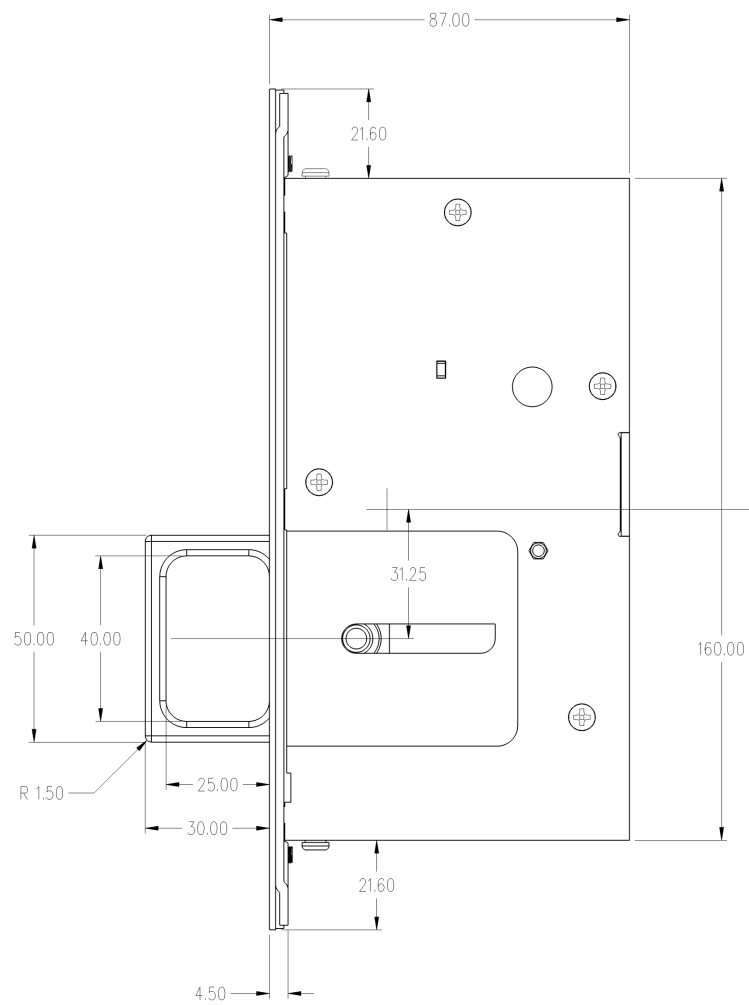


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**Pocket Door Lock
1230N Product Detail
Note: Drawing not true-to-size**



OMNIA
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 973-239-7272

Pocket Door Lock 1330PD Specifications
Note: Drawing not true-to-size



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



CEDAR GROVE, NJ 07009

INSTALLATION INSTRUCTIONS FOR ARC LATCHSETS WITH 2" DIA. ROSES

1. FOR PRIVACY SETS ONLY – Determine Correct Backset BEFORE INSTALLING ROSE:

2 $\frac{3}{8}$ " Backset – Drill a $\frac{5}{16}$ " diameter hole through the door 1 $\frac{5}{8}$ " from the edge of the door to allow the privacy locking assembly to move freely.

2 $\frac{3}{4}$ " Backset – Drill a $\frac{5}{16}$ " diameter hole through the door 2" from the edge of the door to allow the privacy locking assembly to move freely.

2. Bore a 1 $\frac{5}{8}$ " diameter hole either at 2 $\frac{3}{8}$ " or 2 $\frac{3}{4}$ " back from the edge of the door for the rose cassette for passage or privacy sets.

3. Using 1" bit, drill from door edge across the bore to accommodate latch length.

4. With face cover in place, position latch and mark perimeter of latch faceplate on door edge. Mortise to accommodate latch face and face cover, $\frac{5}{32}$ " deep.

5. **PASSAGE:** When installing a passage latch, hold latch with writing facing upwards.

PRIVACY: When installing privacy latch, hold latch with writing facing upwards. From inside of the room, push the "Privacy Locking Block" toward the outside of the room. Slide the oval plastic stopper over the outside privacy block. Fasten with the small machine screw (see Figure #1 on reverse side).

6. Position latch in door to suit the door swing. Rotate latch bolt if necessary, using slight pressure. Apply faceplate with flat side of faceplate facing flat side of bolt. Screw faceplate and latch to door.

7. **Insert spindle through latch hub. FOR PRIVACY: Insert split spindle until spindle stop hits latch hub. The "tear drop" cut outs on the spindle should be facing the set screw hole on lever or knob.**

Installing Passage and Privacy Rose Set

1. Place the metal sub-roses together through the door (slide both sides of the sub-roses onto the spindle). Make sure both sub-roses have the word "UP" facing upwards. Fasten the sub-roses together using the (2) screws provided. Tighten the screws to fasten the sub-roses together.

2. Install the rose covers onto the metal sub-rose by aligning the two "tabs" of the rose with the two "notches" on the outside of the sub-rose. Tighten the two threaded washers with the tool (O) provided.

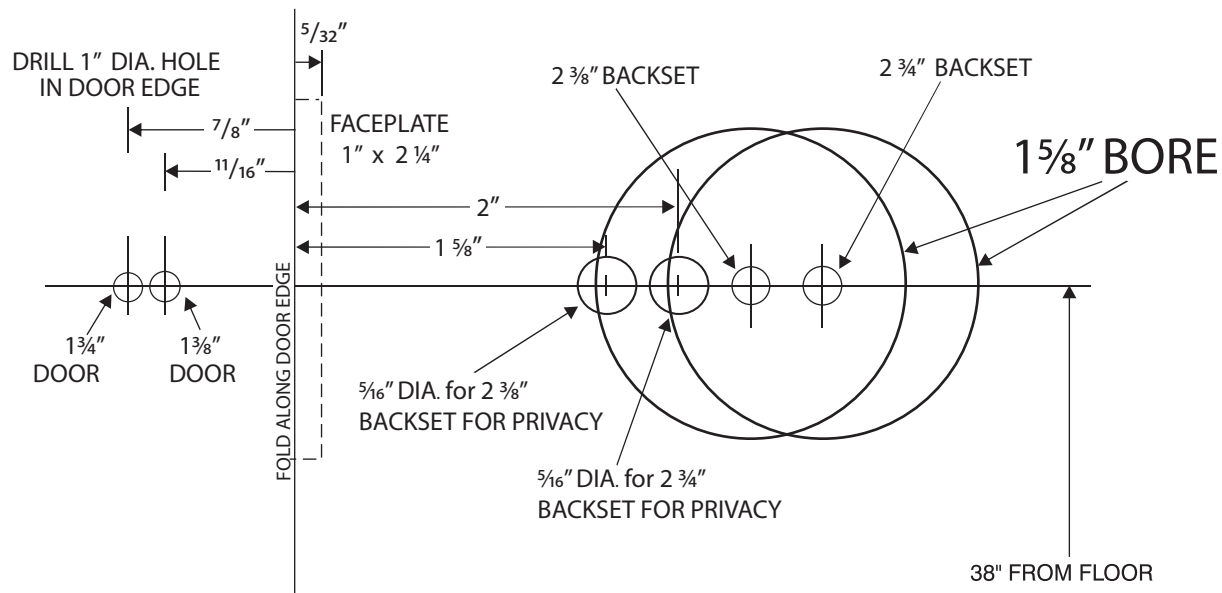
3. For a privacy set, the small hole in the rose cover should face the door edge. From the inside of the door, insert the privacy pin into the rose hole and thread into the privacy locking block of the latch.

4. Partially insert the provided set screws into the levers. Slide both levers onto the spindle until securely seated into the threaded nylon washers. (For privacy, ensure the spindle is centered in the latch so that each lever works independently.) Tighten the set screws onto the spindle.

5. Check for smooth operation.

Your OMNIA Dealer/Distributor can help you with any further questions or information on other OMNIA Products.

TUBULAR LATCH TEMPLATE 2" DIA. ROSE



CAUTION: DOOR AND FRAME MANUFACTURERS

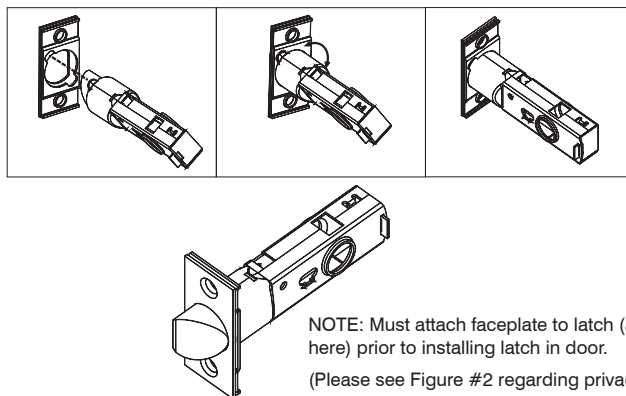
When door gasketing or silencers are used, proper allowances must be made for strike location to maintain a common centerline with lock and door so that the bolt will freely enter strike.

OM-ARC2

02/10/2020

ATTACHING LATCH TO FACEPLATE

Figure #1



NOTE: Must attach faceplate to latch (as shown here) prior to installing latch in door.

(Please see Figure #2 regarding privacy latch.)

INSTALLATION OF PRIVACY LATCH (PRIVACY LATCH FOR LEVERS ONLY)

Figure #2

Hold latch with writing on label facing upwards. The side of the latch that is inside of the room must be towards you. Push in the privacy locking block. Slide the oval plastic stopper over the outside privacy block. Fasten with the small machine screw.

***NOTE Thread privacy pin into latch after trim is applied.**

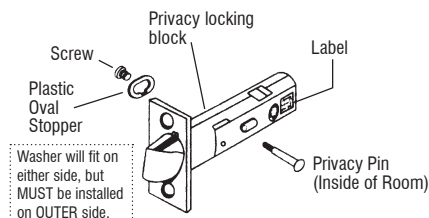
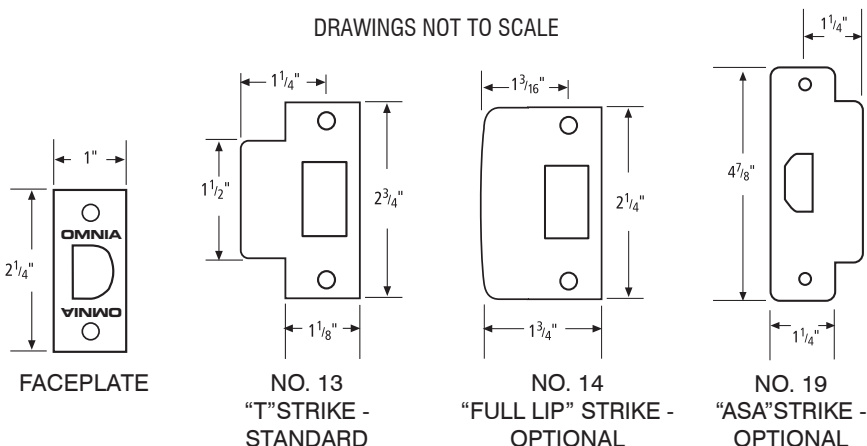


Figure #3

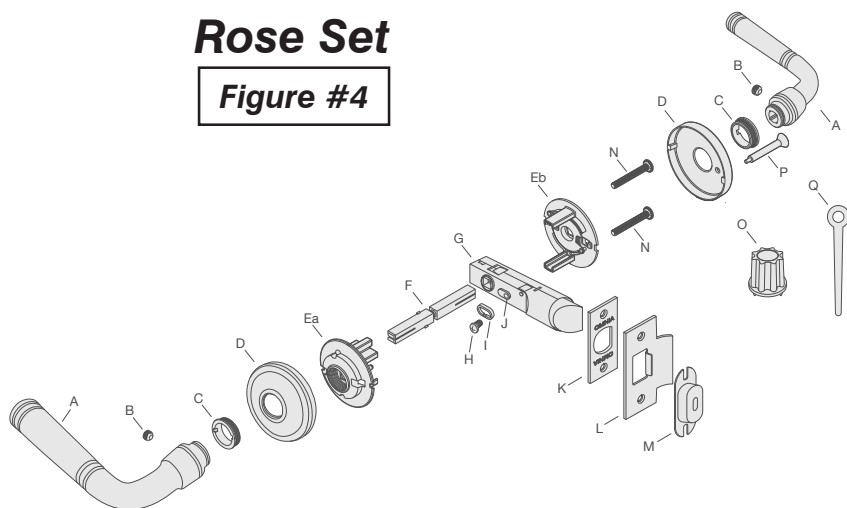
FACEPLATE AND STRIKES

DRAWINGS NOT TO SCALE



Rose Set

Figure #4



Latchset Component List

- A) Door Knob/Lever (2)
- B) Set Screw (2)
- C) Nylon Threaded Washer (2)
- D) Finished Rose (2)
- Ea) Metal Spring Assist Sub-Rose
- Eb) Metal Spring Assist Sub-Rose
- F) Spindle (Teardrop groove positioned towards set screw)
- G) Tubular Latch
- H) Privacy Locking Block Machine Screw
- I) Privacy Locking Block Locking Stopper
- J) Privacy Locking Block
- K) Tubular Latch Faceplate
- L) Tubular Latch Strike Plate
- M) Tubular Latch Dust Box
- N) Thru-Bolt Machine Screws With Locking Washer (2)
- O) Washer Installation Tool
- P) Privacy Locking Pin (For Privacy Only)
- Q) Emergency Release Key (For Privacy Only)



CEDAR GROVE, NJ 07009



OM-ARC2

02/10/2020



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



CEDAR GROVE, NJ 07009

INSTALLATION INSTRUCTIONS FOR ARC LATCHSETS WITH 2 5/8" DIA. ROSES

Installing Latch - *Skip to #4 Instruction if door is pre-bored.*

1. Using template, mark all points for drilling. Use correct backset for latch. Drill 2 1/8" bore first.
2. Using 1" bit, drill from door edge across the bore to accommodate latch length.
3. With face cover in place, position latch and mark perimeter of latch faceplate on door edge. Mortise to accommodate latch face and face cover, 5/32" deep.
4. **PASSAGE:** When installing a passage latch, hold latch with writing facing upwards.
PRIVACY: When installing privacy latch, hold latch with writing facing upwards. From inside of the room, push the "Privacy Locking Block" toward the outside of the room. Slide the oval plastic stopper over the outside privacy block. Fasten with the small machine screw (see Figure #1 on reverse side).
5. Position latch in door to suit the door swing. Rotate latch bolt if necessary, using slight pressure. Apply face plate with flat side of faceplate facing flat side of bolt. Screw faceplate and latch to door.

BEFORE INSTALLING ROSE:

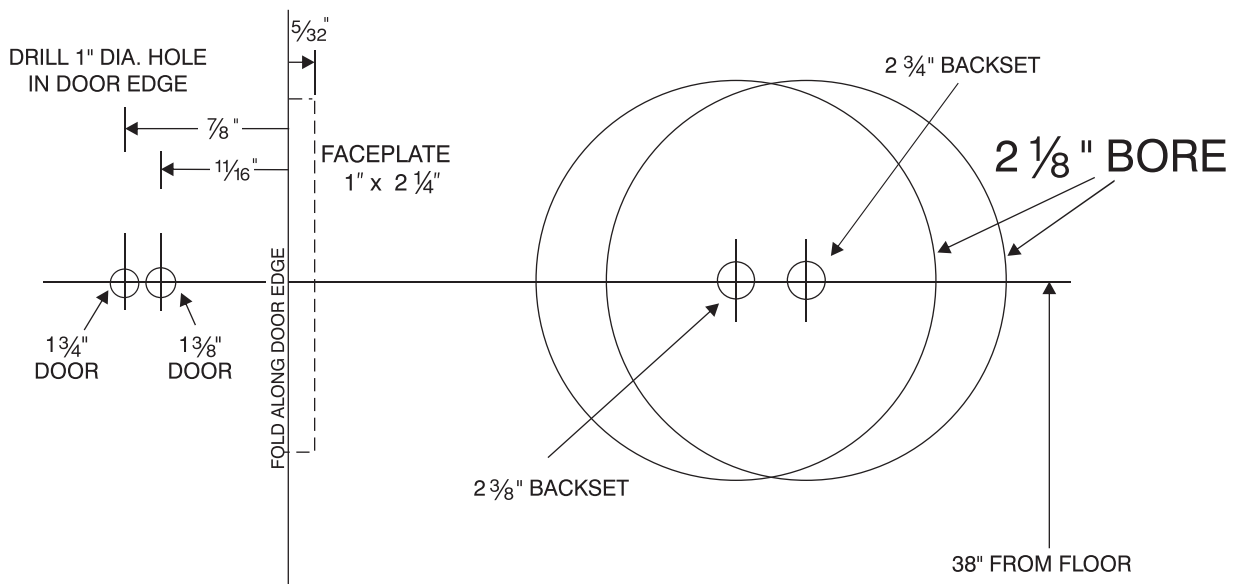
6. **Insert spindle through latch hub. FOR PRIVACY: Insert split spindle until spindle stop hits latch hub. The "tear drop" cut outs on the spindle should be facing the set screw hole on lever or knob.**

Installing Passage and Privacy Rose Set

1. Place the metal sub-roses together through the door (slide both sides of the sub-roses onto the spindle). Make sure both sub-roses have the word "UP" facing upwards. Fasten the sub-roses together using the (2) screws provided. Tighten the screws to fasten the sub-roses together.
2. Install the rose covers onto the metal sub-rose by aligning the two "tabs" of the rose with the two "notches" on the outside of the sub-rose. Tighten the two threaded washers with the tool (O) provided.
3. For a privacy set, the small hole in the rose cover should face the door edge. From the inside of the door, insert the privacy pin into the rose hole and thread into the privacy locking block of the latch.
4. Partially insert the provided set screws into the levers. Slide both levers onto the spindle until securely seated into the threaded nylon washers. (For privacy, ensure the spindle is centered in the latch so that each lever works independently.) Tighten the set screws onto the spindle.
5. Check for smooth operation.

Your OMNIA Dealer/Distributor can help you with any further questions or information on other OMNIA Products.

TUBULAR LATCH TEMPLATE

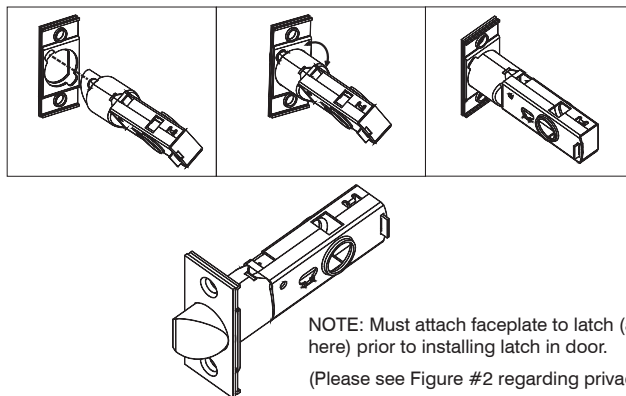


CAUTION: DOOR AND FRAME MANUFACTURERS

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.

ATTACHING LATCH TO FACEPLATE

Figure #1



NOTE: Must attach faceplate to latch (as shown here) prior to installing latch in door.

(Please see Figure #2 regarding privacy latch.)

INSTALLATION OF PRIVACY LATCH (PRIVACY LATCH FOR LEVERS ONLY)

Figure #2

Hold latch with writing on label facing upwards. The side of the latch that is inside of the room must be towards you. Push in the privacy locking block. Slide the oval plastic stopper over the outside privacy block. Fasten with the small machine screw.

***NOTE** Thread privacy pin into latch after trim is applied.

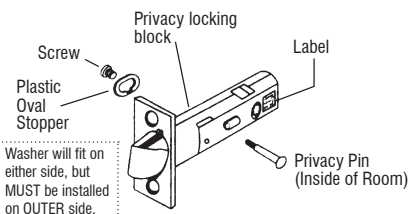
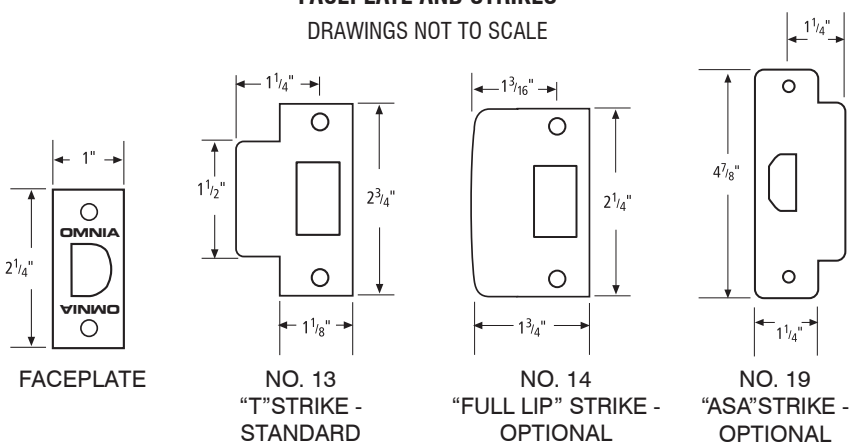


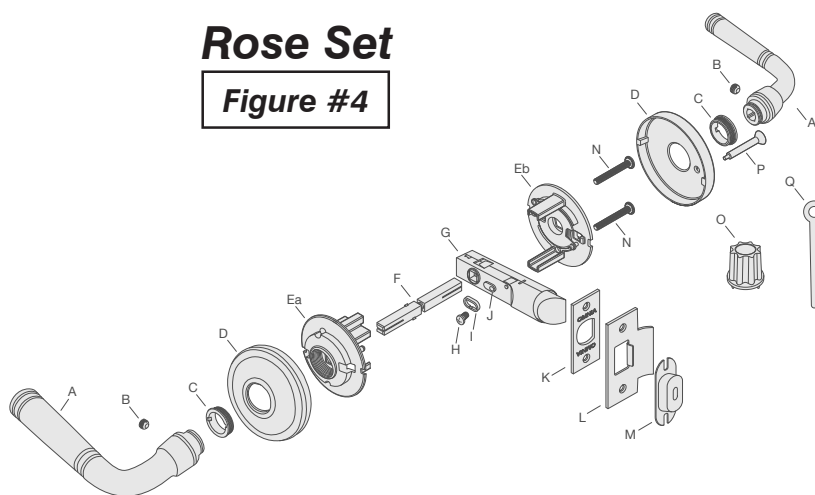
Figure #3

FACEPLATE AND STRIKES DRAWINGS NOT TO SCALE



Rose Set

Figure #4



Latchset Component List

- A) Door Knob/Lever (2)
- B) Set Screw (2)
- C) Nylon Threaded Washer (2)
- D) Finished Rose (2)
- Ea) Metal Spring Assist Sub-Rose
- Eb) Metal Spring Assist Sub-Rose
- F) Spindle (Teardrop groove positioned towards set screw)
- G) Tubular Latch
- H) Privacy Locking Block Machine Screw
- I) Privacy Locking Block Locking Stopper
- J) Privacy Locking Block
- K) Tubular Latch Faceplate
- L) Tubular Latch Strike Plate
- M) Tubular Latch Dust Box
- N) Thru-Bolt Machine Screws With Locking Washer (2)
- O) Washer Installation Tool
- P) Privacy Locking Pin (For Privacy Only)
- Q) Emergency Release Key

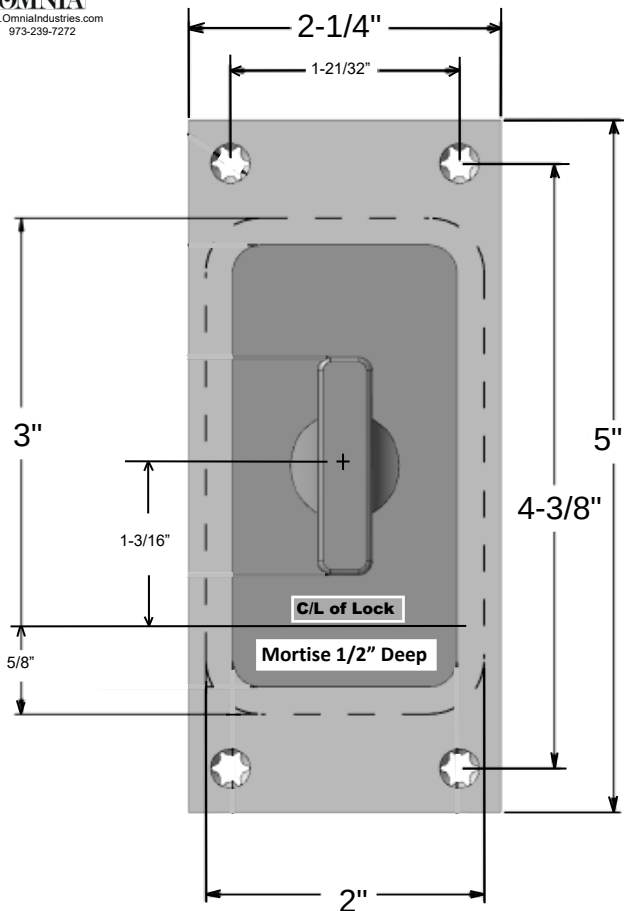


CEDAR GROVE, NJ 07009



OM-ARC258

2/10/2020

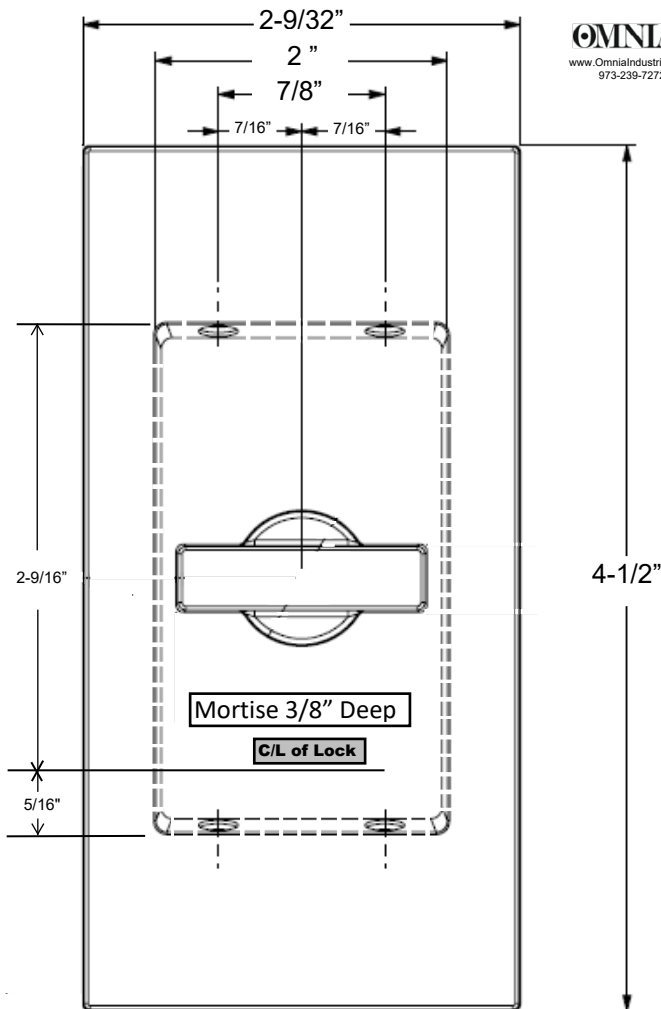


Item #s 7012

Product Specifications

Note: Drawing not true-to-size





Item #s 7036

Product Specifications

Note: Drawing not true-to-size

Cut at line for $1\text{'}\frac{3}{8}\text{'}$ thick door



METRO/URBAN INSTALLATION TEMPLATE

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

FOR 1 3/4" TO 2 1/4" THICK DOOR

DRILL 1" DIA. HOLE

AT
HALF
OF THE
DOOR
THICKNESS

USE DEADBOLT
FACEPLATE AS
A TEMPLATE

FOLD ALONG DOOR EDGE

5/32"

2 3/8" B.S.

2 1/8" BORE

**DEADBOLT
ASSEMBLY**

2 3/4" B.S.

5 1/2" cc.

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.

IMPORTANT:

FOR LATCH
Drill 1" Diameter Hole.
3 3/4" Deep for 2 3/8" B.S.
4 1/8" Deep for 2 3/4" B.S.

DRILL 1" DIA. HOLE

AT
HALF
OF THE
DOOR
THICKNESS

USE LATCH
FACEPLATE AS
A TEMPLATE

FOLD ALONG DOOR EDGE

5/32"

2 1/8" BORE

2 3/4" B.S.

LATCHBOLT

2 3/8" B.S.

38" FROM FLOOR

8 5/16"

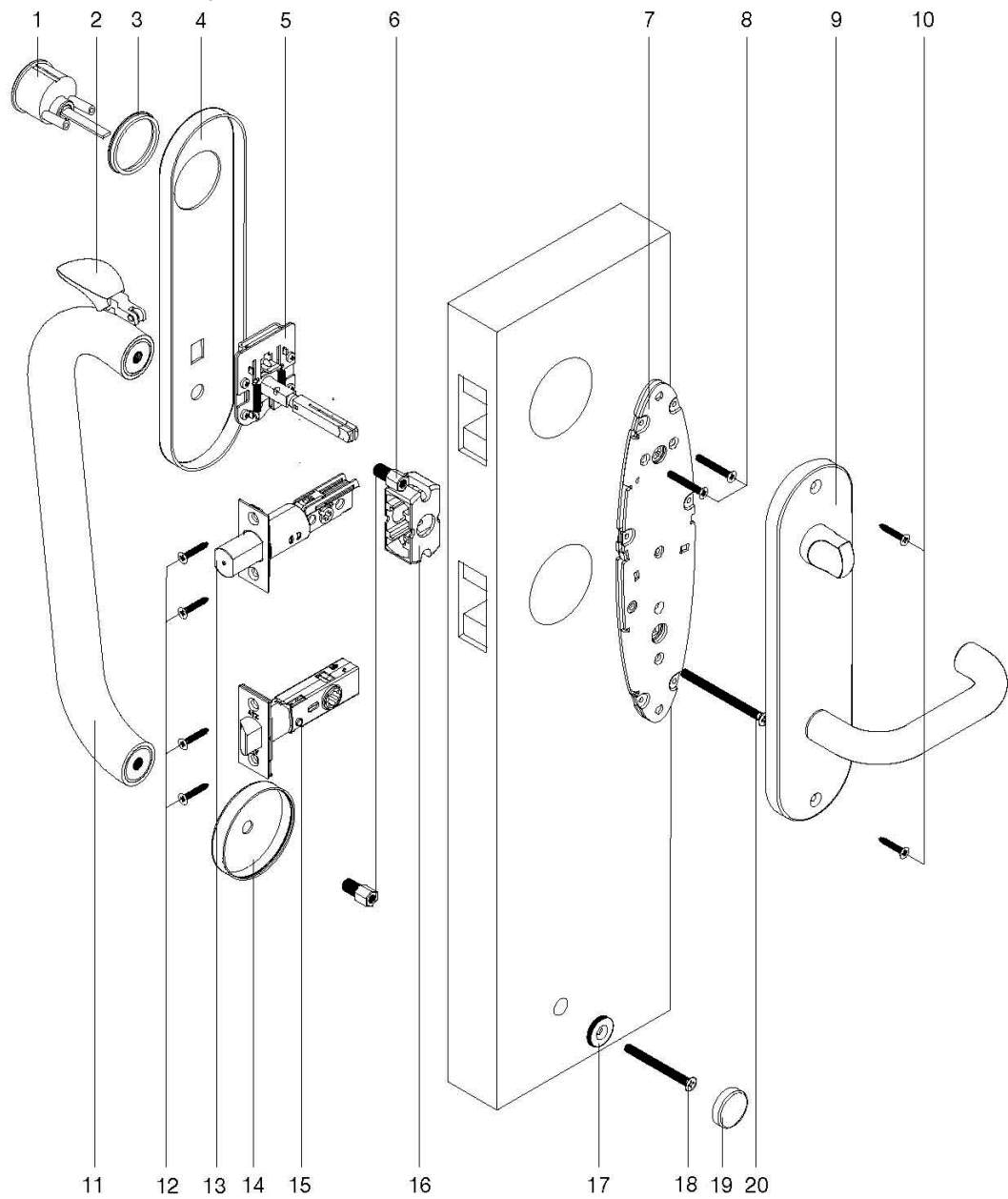
DRILL 3/8" HOLE
FOR THRU-BOLT
OF HANDLE





INSTALLATION INSTRUCTIONS FOR
METRO / URBAN HANDLESET

Deadbolt Entry Set - Parts List



- | | | |
|---|---|--------------------------------|
| 1. Cylinder | 8. 2X Break-Away Screws | 15. Latch |
| 2. Thumbpiece | 9. Interior Escutcheon Plate with Turnpiece and Lever | 16. Latch Stabilizer |
| 3. Cylinder Collar | 10. 2X Wood Screws | 17. Screw Cover |
| 4. Exterior Escutcheon Plate | 11. Outside Handle | 18. Flat Head Screw |
| 5. Thumb Mechanism | 12. 4X Wood Screws with Flat Heads | 19. Screw Cover |
| 6. 2X Brass Spacer Bolt with Hexagonal Head | 13. Deadbolt | 20. Bottom Flat Head Thru-Bolt |
| 7. Emergency Exit Cartridge | 14. Rose | |

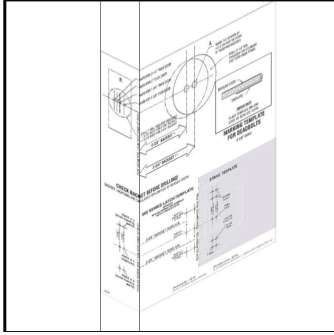


INSTALLATION INSTRUCTIONS FOR METRO / URBAN HANDLESET

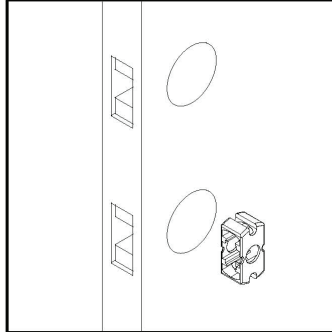


CEDAR GROVE, NJ 07009

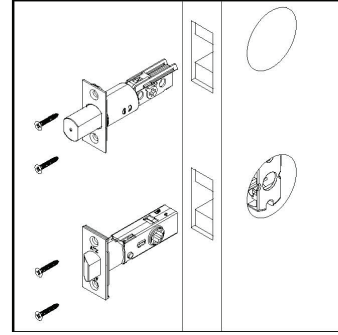
Deadbolt Entry Set - Door Preparation and Latch Installation



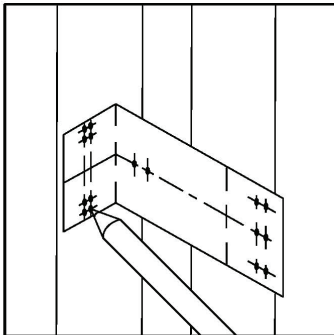
1. Mark the door at the desired points and center punch for drilling.



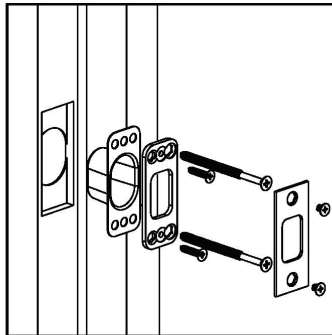
2. Insert the Plastic Latch Stabilizer in the door.



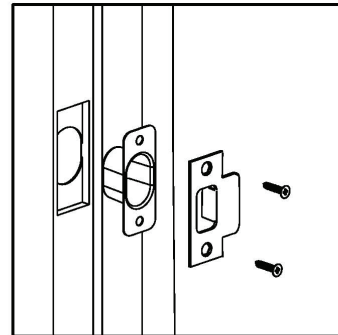
3. Insert the Latch and the Deadbolt in the door. Drill pilot holes and secure the Latch and the Deadbolt using 4 wood screws.



4. Using strike template, mark jamb at proper height, drill screw holes and chisel mortise. Install Strike Plate for the latch.

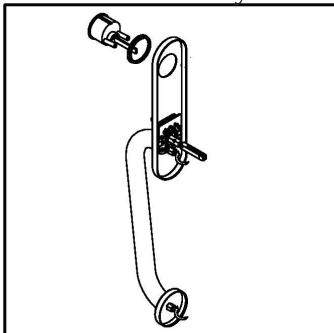


5. Position the Strike Plate of the Deadbolt on center mark. Align and trace outside of Strike. Using reinforcing strike mark location for reinforcing screws. Install Strike as illustrated.

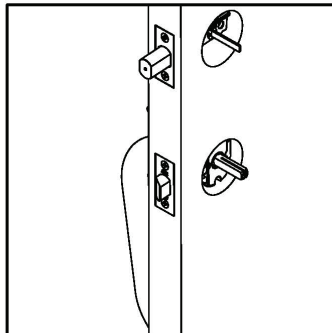


6. Position the Strike Plate of the Latch on center mark. Align and trace outside of Strike. Install Strike as illustrated.

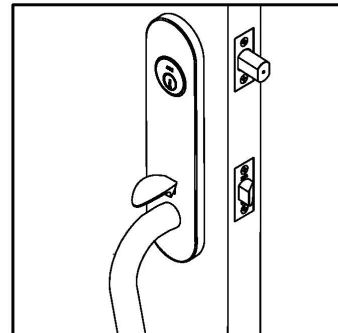
Deadbolt Entry Set - Installation



1. Align the Handleset and tighten the (2) Brass Spacer Bolts. Place the Cylinder along with the Cylinder Collar on the Exterior Escutcheon Plate. Place the Exterior Escutcheon Plate with the parts fixed to it on the door.



2. Assure the spindle from the Thumbpiece has gone through the alignment bracket of the Latch and the tailpiece of the Cylinder has gone through the alignment bracket of the deadbolt in vertical position.



3. Take this time to test the assembly to verify that all parts work as they should.

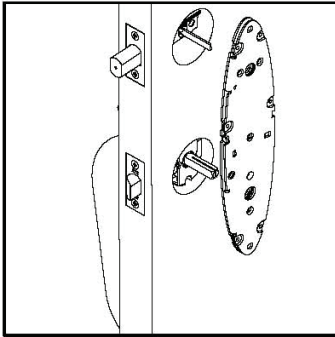


INSTALLATION INSTRUCTIONS FOR METRO / URBAN HANDLESET

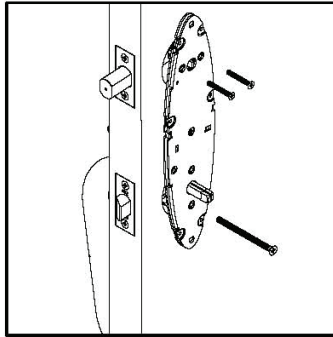


CEDAR GROVE, NJ 07009

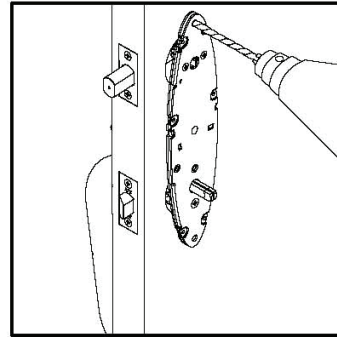
Deadbolt Entry Set - Installation



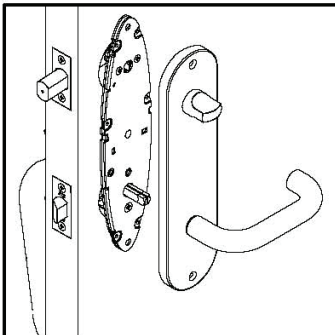
4. Place the Emergency Exit Cartridge on the inner side of the door. Make sure the Spindle of the thumb mechanism and tailpiece of the Cylinder have gone through the respective holes on the Emergency Exit Cartridge.



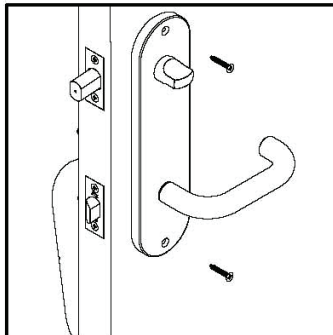
5. Fix the Emergency Exit Cartridge to the door using 2 Break-Away Screws and the Bottom Flat Head Thru-Bolt.



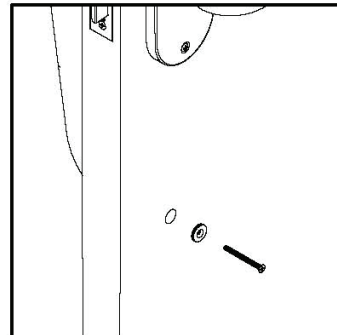
6. Drill pilot holes to secure the Emergency Exit Cartridge.



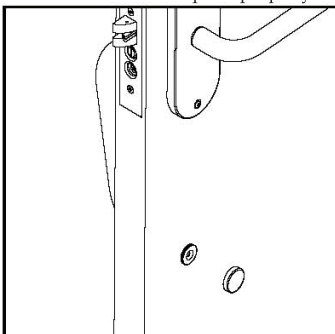
7. Place the Interior Escutcheon Plate against the inner side of the door, making sure the Spindle and the tailpiece of the Cylinder connect with the Lever and the Turnpiece properly.



8. Fasten the Interior Escutcheon Plate using Wood Screws.



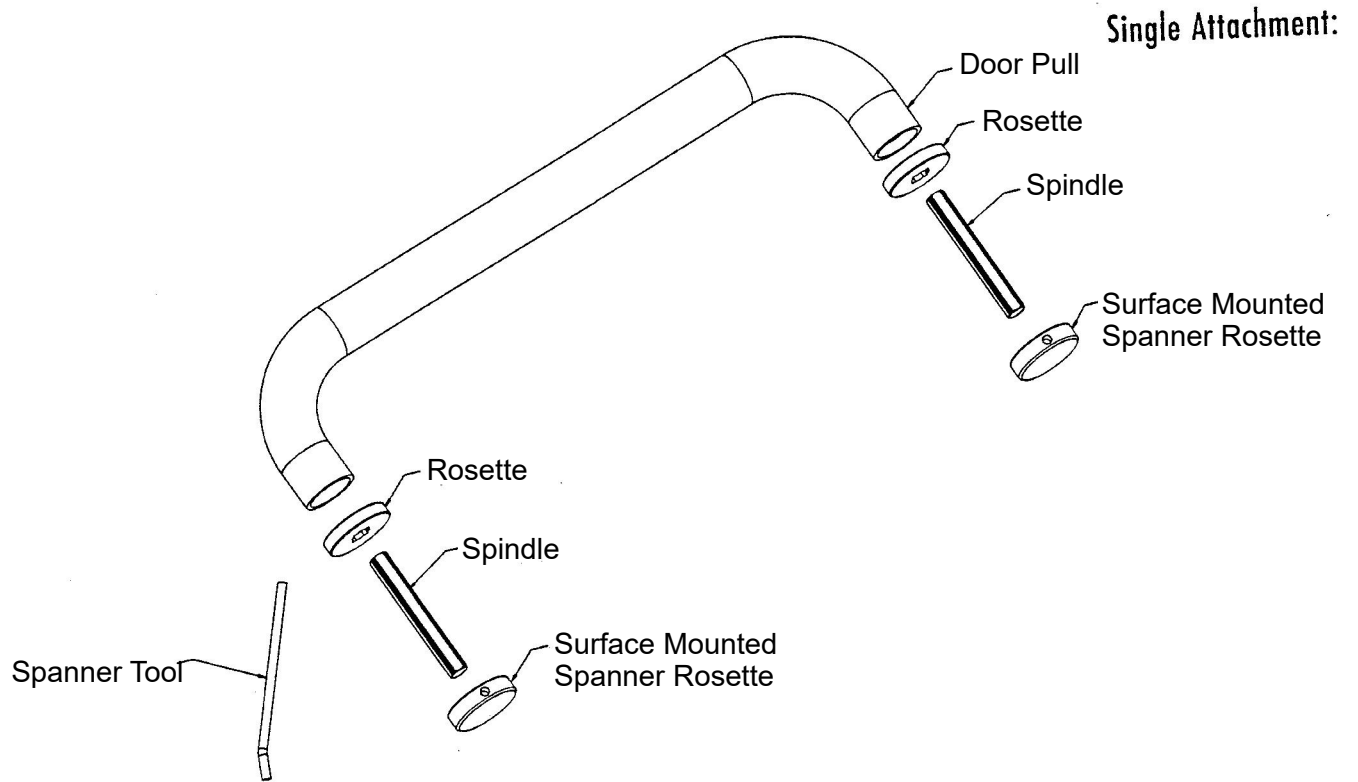
9. Fix the bottom portion of the handle by mounting the Flat Head Thru-bolt through the Screw Cover Backplate. Align the bottom of the Handle and tighten. Attach the Screw Cover on to its Backplate. Fix the Lever by tightening the Set Screw underneath.



10. Attach the Screw Cover on to its Backplate. Fix the Lever by tightening the Set Screw underneath.

STAINLESS STEEL DOOR PULL INSTALLATION

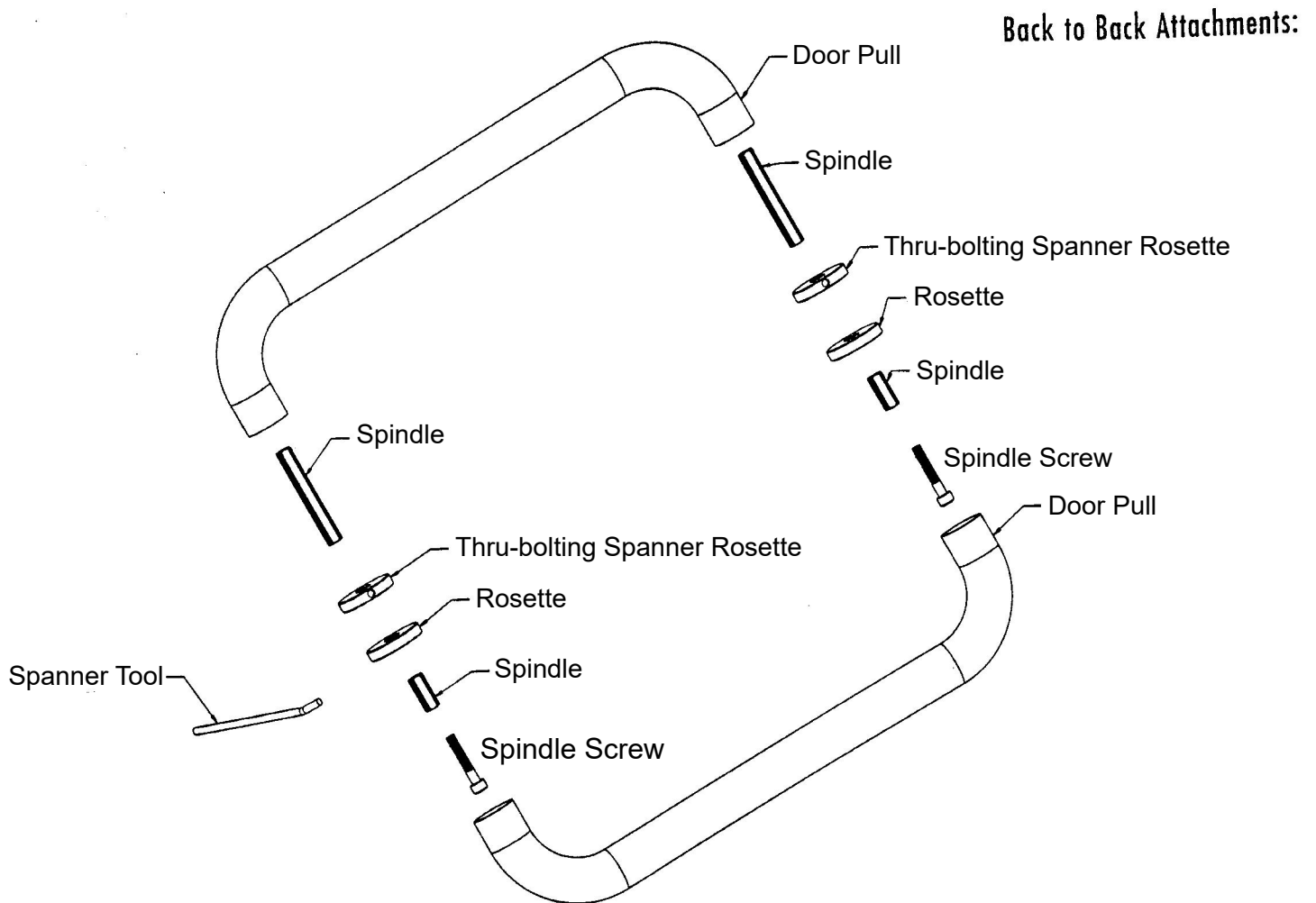
(for 4010, 4019 & 8190 pulls)



Assemble parts according to exploded view. Spindle fits through hole in door and protrudes on both sides. Affix the Surface Mounted Spanner Rosette to the end of Spindle on opposite side of door from the Door Pull. Insert the Spanner Tool in the hole on the side of the Surface Mounted Spanner Rosette and turn to tighten the assembly.

STAINLESS STEEL DOOR PULL BACK TO BACK INSTALLATION

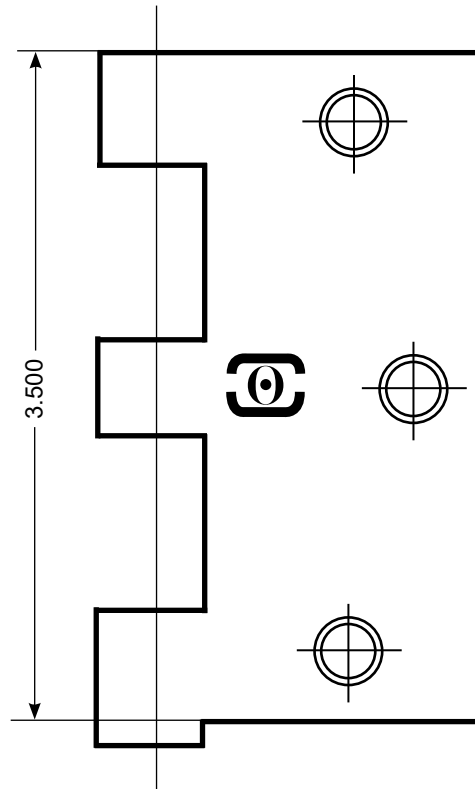
(for 4010, 4019 & 8190 pulls)



Assemble parts according to exploded view. Door surface is between the thru-bolting spanner rose and the rosette. Position the Spanner Tool in the hole on the side of the Thru-bolting Spanner Rosette and turn to tighten the assembly.

INSTALLATION TEMPLATE FOR OMNIA 3.5" HINGE

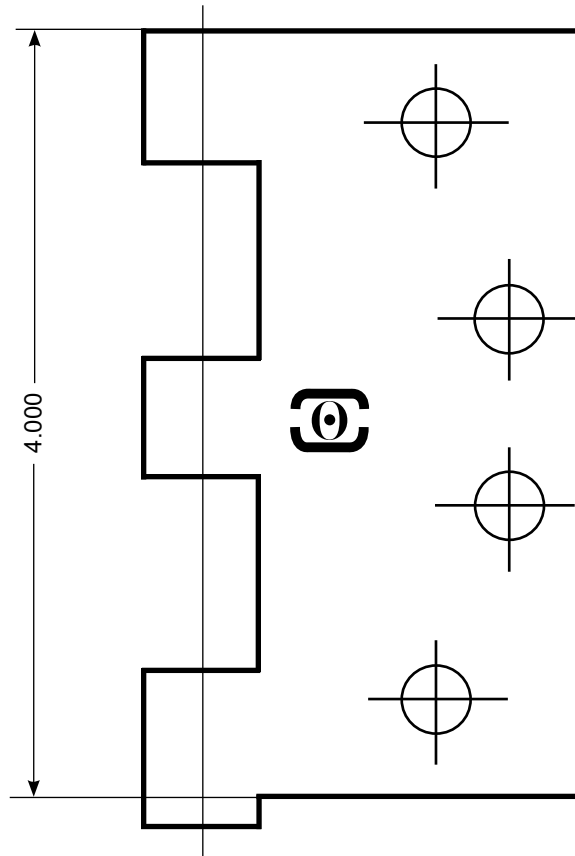
NOTE: Template may not be true-to-size.
Please use for reference purposes only.
Do NOT drill until measurements are verified.



985/35

INSTALLATION TEMPLATE FOR OMNIA 4" HINGES

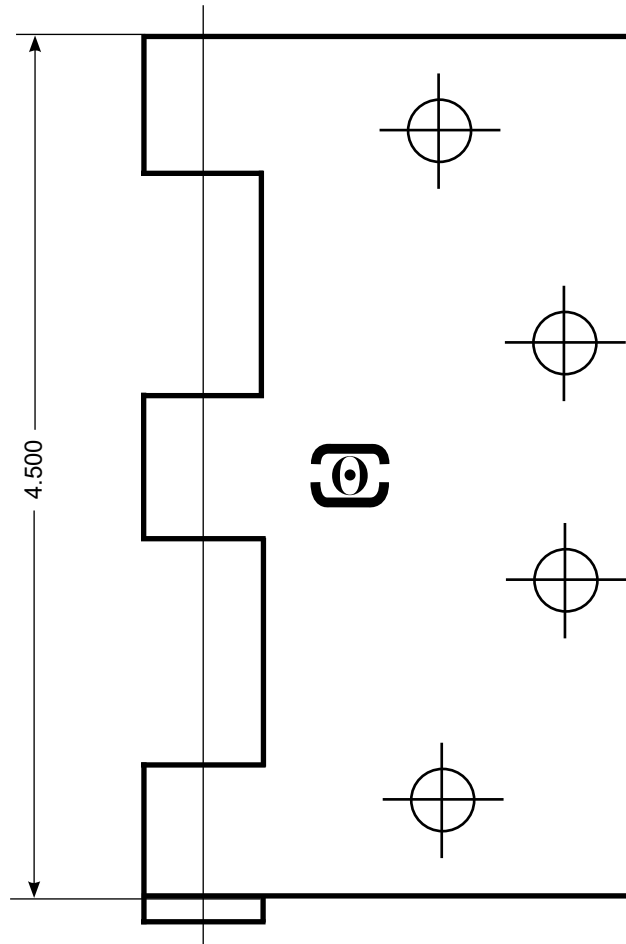
NOTE: Template may not be true-to-size.
Please use for reference purposes only.
Do NOT drill until measurements are verified.



985BB/4 & 985/4

INSTALLATION TEMPLATE FOR OMNIA 4.5" HINGES

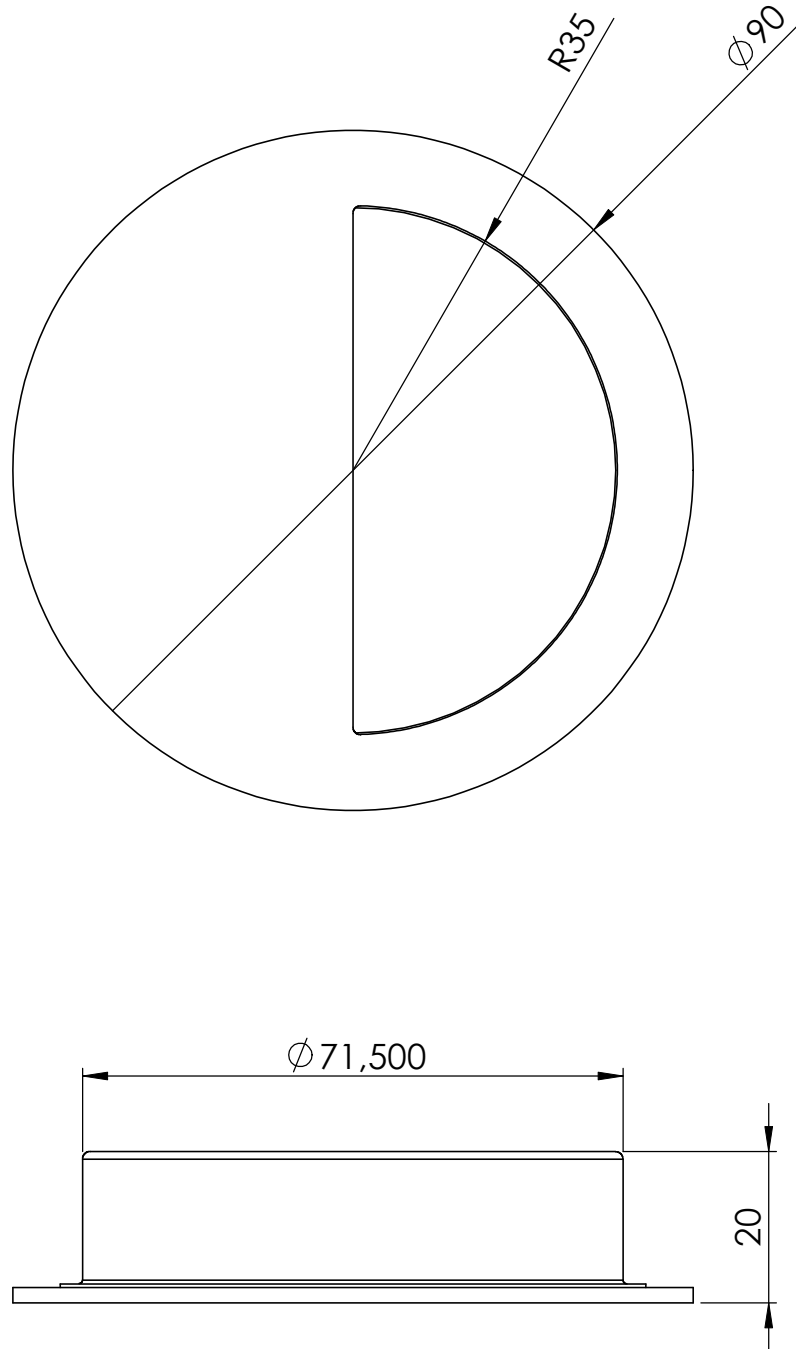
NOTE: Template may not be true-to-size.
Please use for reference purposes only.
Do NOT drill until measurements are verified.



985BB/45 & 985/45

INSTALLATION TEMPLATE FOR OMNIA #7507 CUP PULL

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





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



CEDAR GROVE, NJ 07009

INSTALLATION INSTRUCTIONS FOR LATCHSETS

Installing Latch - *Skip to #4 Instruction if door is pre-bored.*

1. Using template, mark all points for drilling. Use correct backset for latch. Drill $2\frac{1}{8}$ " bore first. **For 2" diameter roses or narrow plates drill $\frac{3}{4}$ " diameter hole instead of $2\frac{1}{8}$ " bore.**
2. Using 1" bit, drill from door edge across the bore to accommodate latch length.
3. With face cover in place, position latch and mark perimeter of latch faceplate on door edge. Mortise to accommodate latch face and face cover, $\frac{5}{32}$ " deep.
4. **PASSAGE:** When installing a passage latch, hold latch with writing facing upwards.
PRIVACY: When installing privacy latch, hold latch with writing facing upwards. From inside of the room, push the "Privacy Locking Block" toward the outside of the room. Slide the oval plastic stopper over the outside privacy block. Fasten with the small machine screw (see Figure #2 on reverse side).
5. Apply faceplate to latch with flat side of faceplate facing flat side of bolt (see Figure #1 on reverse side). Position latch and faceplate in door to suit the door swing. Rotate if necessary, using slight pressure. Screw latch and faceplate to door.

BEFORE INSTALLING ROSE:

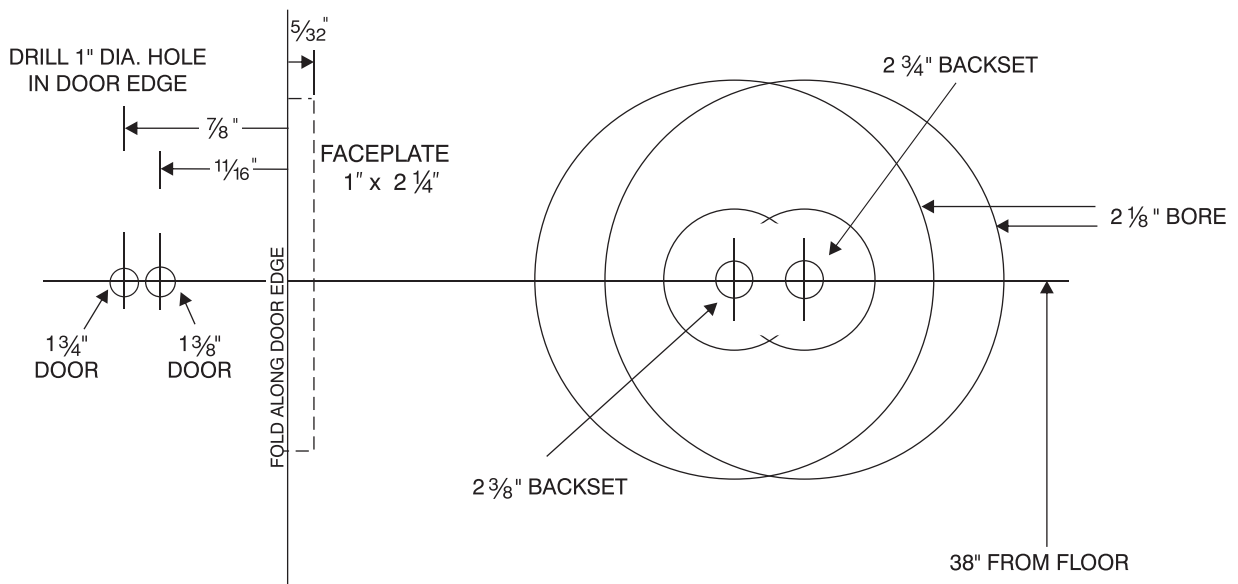
6. Insert spindle through latch hub. **FOR PRIVACY:** Insert split spindle until spindle stop hits latch hub. The "tear drop" cut outs on the spindle should be facing the set screw hole on lever or knob.

Installing Passage and Privacy Rose Set

1. Place the metal sub-roses together through the door (slide both sides of the sub-roses onto the spindle). Make sure both sub-roses have the word "UP" facing upwards. Fasten the sub-roses together using the (2) screws provided. Tighten the screws to fasten the sub-roses together.
2. Install the rose covers onto the metal sub-rose by aligning the two "tabs" of the rose with the two "notches" on the outside of the sub-rose. Tighten the two threaded washers with the tool (O) provided.
3. For a privacy set, the small hole in the rose cover should face the door edge. From the inside of the door, insert the privacy pin into the rose hole and thread into the privacy locking block of the latch.
4. Partially insert the provided set screws into the levers. Slide both levers onto the spindle until securely seated into the threaded nylon washers. (For privacy, ensure the spindle is centered in the latch so that each lever works independently.) Tighten the set screws onto the spindle.
5. Check for smooth operation.

Your OMNIA Dealer/Distributor can help you with any further questions or information on other OMNIA Products.

TUBULAR LATCH TEMPLATE

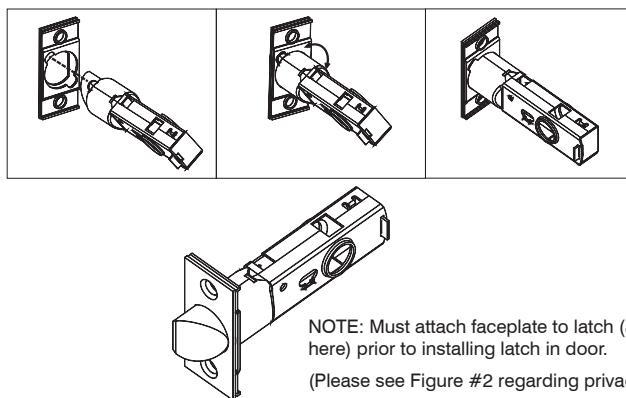


CAUTION: DOOR AND FRAME MANUFACTURERS

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.

ATTACHING LATCH TO FACEPLATE

Figure #1

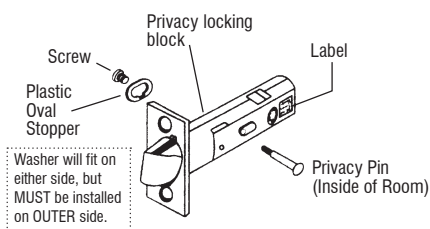


INSTALLATION OF PRIVACY LATCH (PRIVACY LATCH FOR LEVERS ONLY)

Figure #2

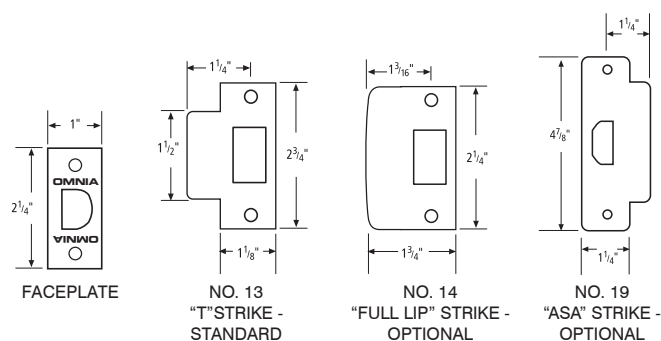
Hold latch with writing on label facing upwards. The side of the latch that is inside of the room must be towards you. Push in the privacy locking block. Slide the oval plastic stopper over the outside privacy block. Fasten with the small machine screw.

***NOTE Thread privacy pin into latch after trim is applied.**



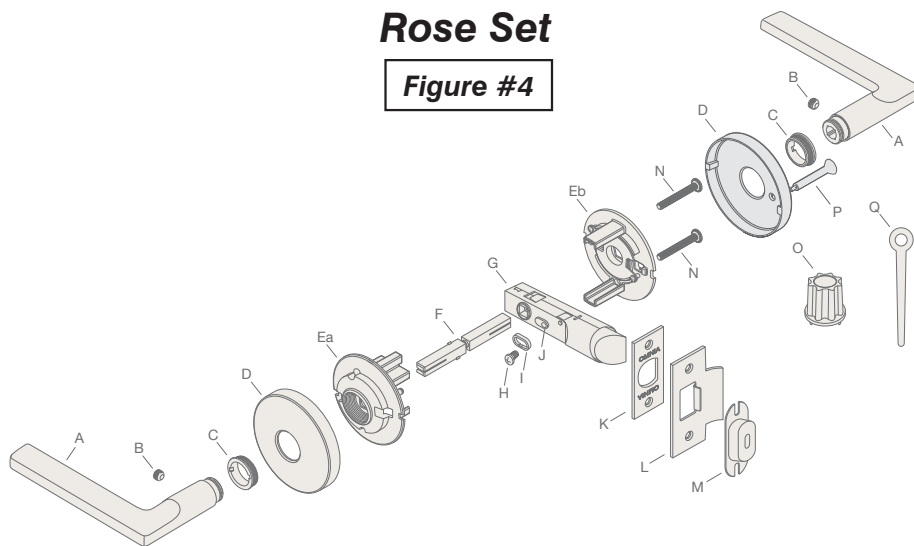
FACEPLATE AND STRIKES DRAWINGS NOT TO SCALE

Figure #3



Rose Set

Figure #4



Latchset Component List

- A) Door Knob/Lever (2)
- B) Set Screw (2)
- C) Nylon Threaded Washer (2)
- D) Finished Rose (2)
- Ea) Metal Spring Assist Sub-Rose
- Eb) Metal Spring Assist Sub-Rose
- F) Spindle (Teardrop groove positioned towards set screw)
- G) Tubular Latch
- H) Privacy Locking Block Machine Screw
- I) Privacy Locking Block Locking Stopper
- J) Privacy Locking Block
- K) Tubular Latch Faceplate
- L) Tubular Latch Strike Plate
- M) Tubular Latch Dust Box
- N) Thru-Bolt Machine Screws With Locking Washer (2)
- O) Washer Installation Tool
- P) Privacy Locking Pin (For Privacy Only)
- Q) Emergency Release Key



CEDAR GROVE, NJ 07009



OM-TL
2/10/2020

INSTALLATION INSTRUCTIONS FOR LATCHSETS

Installing Latch - Skip to #4 Instruction if door is pre-bored.

- Following template, mark all points for drilling. Use correct backset for latch. Drill $2\frac{1}{8}$ " bore first. **For 2" diameter roses or narrow plates drill $\frac{3}{4}$ " diameter hole instead of $2\frac{1}{8}$ " bore.**
- Using 1" bit, drill from door edge across the bore to accommodate latch length.
- With face cover in place, position latch and mark perimeter of latch faceplate on door edge. Mortise to accommodate latch face and face cover, approximately $\frac{5}{32}$ " deep (refer to Figure #1).
- PASSAGE :** When installing a passage latch, hold latch with writing on label facing upwards.
PRIVACY : When installing privacy latch, the side of the privacy that is inside of the room must be towards locking side of room. (refer to Figure #2 on reverse side).
- Position latch [G] in door to suit bevel (refer to Figure #1). To change latch bolt bevel, pull latch bolt out slightly and rotate 180 degrees. Screw faceplate [H] and latch [G] to door.

BEFORE INSTALLING ROSE:

- Insert spindle [F] through latch hub. **FOR PRIVACY FUNCTION: Insert split spindle until spindle stop hits latch hub.**

Installing Passage and Privacy Rose Set (refer to Figure #4)

- Place the adaptor [E] and adaptor [J] into the door prep, on either side of the door. Fasten the adaptors together using the (2) screws [K] provided by passing them through the adaptor [J] and into the adaptor [E]. (do not fully tighten). **Install the nylon threaded washers [C] onto the adaptors before applying roses [D] and [L].** Make sure the spindle [F] is centered in the hole of the adaptors [E] and [J].
- Place levers [A] onto each end of spindle [F] and test operation of latch. If operation is smooth, fully tighten screws [K] and remove levers [A] and washers [C].
- Place a finished rose [D] and [L] onto each adaptor. For privacy function, ensure that the privacy hole is towards the door edge. Thread washers [C] onto inside and outside adaptors securing the finished roses [D] and [L]. Use the washer installation tool [N] to fully tighten each threaded washer [C].
- Slide both levers [A] onto the spindle [F] until securely seated into the threaded washers [C]. (For privacy function, ensure the spindle [F] is centered in the latch [G] so that each lever [A] works independently). Insert the set screws [B] provided into the levers [A] and secure the levers [A] to the spindle [F]. If installing privacy function, thread the privacy pin [M] through the rose [L] into the latch.

Your Omnia Dealer/Distributor can help you with any further questions or information on other Omnia Products.

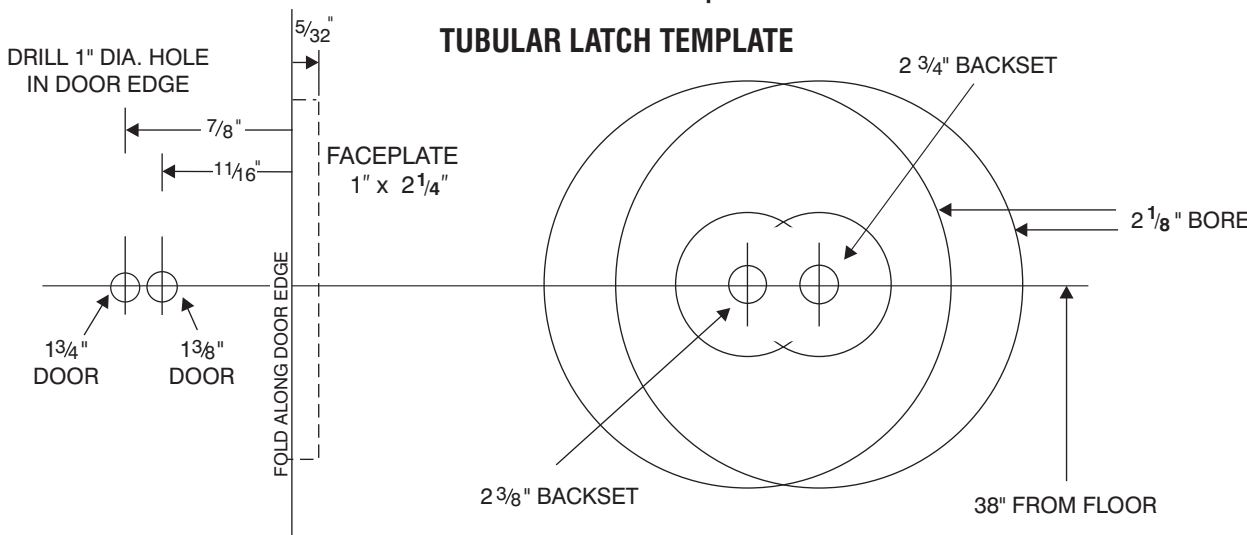
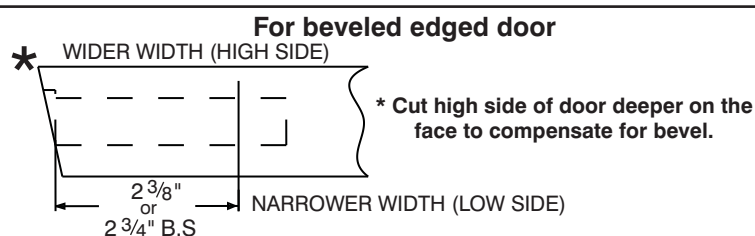


Figure #1



CAUTION: DOOR AND FRAME MANUFACTURERS

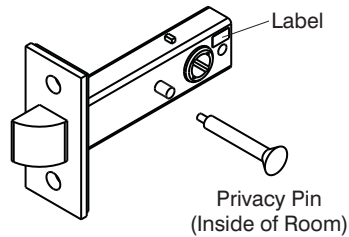
When door gasketing or silencers are used, proper allowances must be made for strike location to maintain a common centerline with lock and door so that the bolt will freely enter strike.

INSTALLATION OF PRIVACY LATCH (PRIVACY LATCH ONLY)

Figure #2

Hold latch with writing on label facing inside. The side of the latch that is inside of the room must be towards you.

***NOTE** Thread privacy pin into latch after trim is applied.

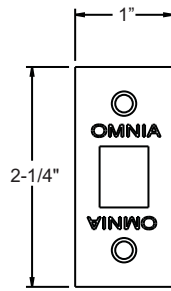


Privacy Pin
(Inside of Room)

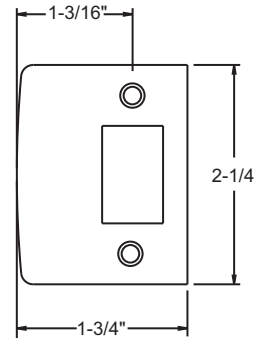
Figure #3

FACEPLATE AND STRIKES

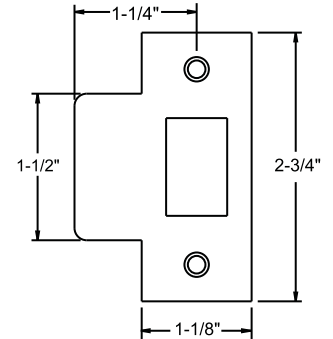
DRAWINGS NOT TO SCALE



FACEPLATE



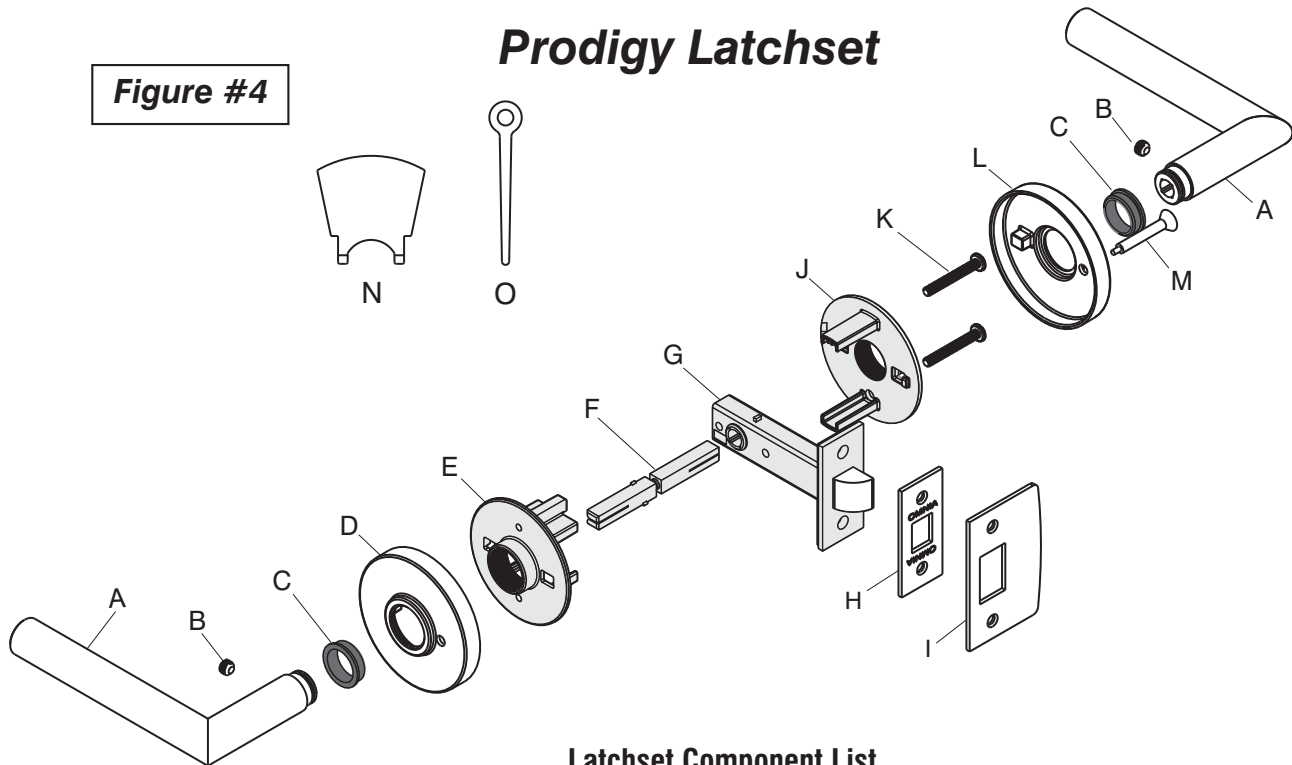
NO. 14
"FULL LIP" STRIKE -
STANDARD



NO. 13
"T" STRIKE -
OPTIONAL

Prodigy Latchset

Figure #4



Latchset Component List

- A) Door knob/lever (2)
- B) Set screws (2)
- C) Nylon threaded washers (2)
- D) Finished Rose
- E) Adaptor E
- F) Spindle (Teardrop groove positioned towards set screw)
- G) Tubular latch

- H) Tubular latch faceplate
- I) Tubular latch strike plate
- J) Adaptor J
- K) Thru-bolts (2)
- L) Finished Rose
- M) Privacy locking pin
- N) Washer Installation Tool
- O) Emergency Release Key



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



CEDAR GROVE, NJ 07009

INSTALLATION INSTRUCTIONS FOR
OMNIA TRADITIONS LATCHSETS
FOR 45mm & 55mm SURFACE MOUNTED ROSES

This set WILL NOT cover a 2 $\frac{1}{8}$ " pre-bored door

1. Using template, mark all points for drilling. Use correct backset for latch. **For 1 $\frac{3}{4}$ " and 2" diameter roses or narrow plates, drill $\frac{3}{4}$ " diameter hole. Do Not drill a 2 $\frac{1}{8}$ " bore.**
2. Using 1" bit, drill from door edge through the door to accommodate latch length.
3. With face cover in place, position latch and mark perimeter of latch faceplate on door edge. Mortise to accommodate latch face and face cover, $\frac{5}{32}$ " deep.
4. When installing the latch, hold latch with writing facing upwards.
5. Apply faceplate to latch with flat side of faceplate facing flat side of bolt (see Figure #1 on reverse side). Position latch and faceplate in door to suit the door swing. Rotate if necessary, using slight pressure. Screw latch and faceplate to door.

INSTALLING ROSES:

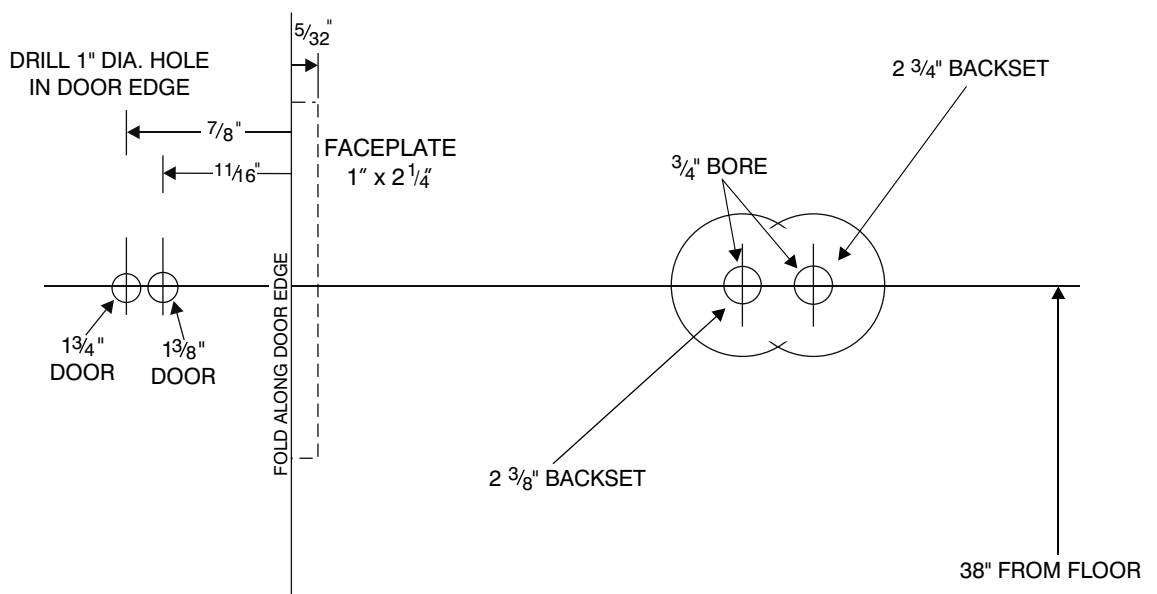
6. Insert spindle through latch hub with the slot of the spindle facing the hinges (for levers) or downwards (for knobs). Place sub-roses (3B) onto spindle (6) on both sides of the door. Slide levers/knobs onto the spindle (6). Mark each sub-rose for three screw holes with pencil, then drill pilot holes. Remove levers/knobs and fasten sub-rose to the door with wood screws (4). Apply cover roses (3A) on both sides of door.
7. Slide nylon washers (10) onto shank of levers/knobs. Slide levers/knobs onto roses until securely seated inside of roses. Insert the set screws (2) into the levers/knobs and fasten to the spindle.

Your OMNIA Dealer/Distributor can help you with any further questions or information on other OMNIA Products.

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.

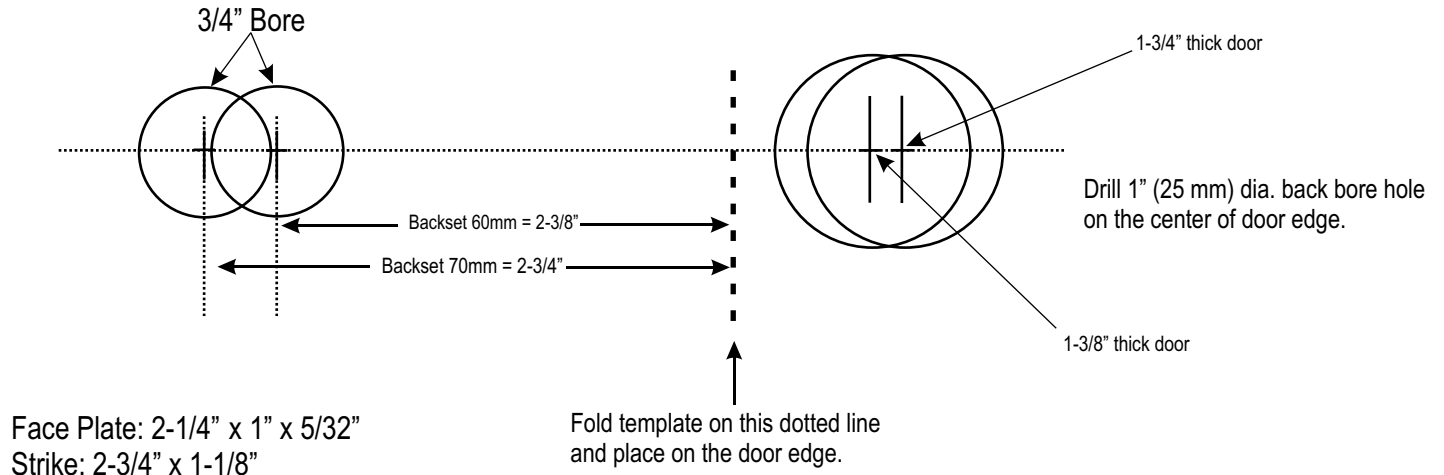
TUBULAR LATCH TEMPLATE



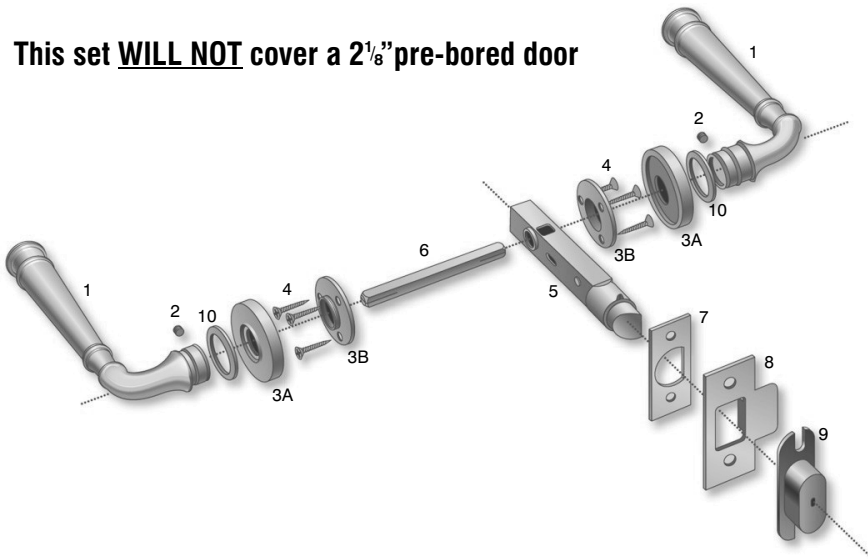
This set WILL NOT cover a 2 $\frac{1}{8}$ " pre-bored door

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

INSTALLATION OF SEPARATE PRIVACY BOLT



This set **WILL NOT** cover a 2 1/8" pre-bored door

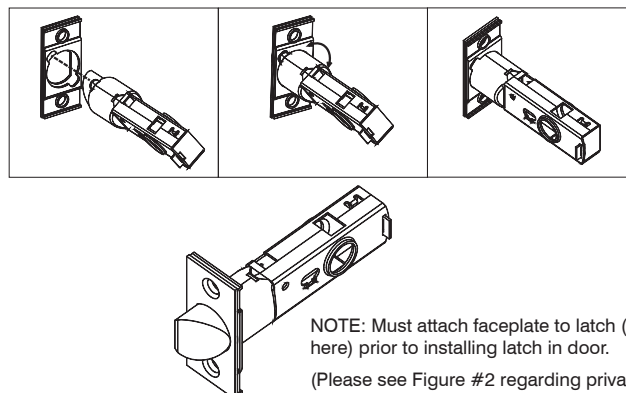


Latchset Component List

1. Door knob/lever (2)
2. Set screws (2)
- 3A. Finished rose (2)
- 3B. Unfinished brass sub-rose (2)
4. Wood screws (6)
5. Tubular latch
6. Spindle (teardrop groove positioned towards set screw)
7. Tubular latch faceplate
8. Tubular latch strike plate
9. Tubular latch dust box
10. Nylon washers (2)

ATTACHING LATCH TO FACEPLATE

Figure #1



CEDAR GROVE, NJ 07009



OMTRAD-TLC

02/10/2020



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



CEDAR GROVE, NJ 07009

INSTALLATION INSTRUCTIONS FOR STAINLESS STEEL LATCHSETS

Installing Latch - Skip to #4 Instruction if door is pre-bored.

1. Using template, mark all points for drilling. Use correct backset for latch. Drill $2\frac{1}{8}$ " bore first. **For smaller (52mm) diameter rose or narrow plates drill $\frac{3}{4}$ " diameter hole instead of $2\frac{1}{8}$ " bore.***
2. Using 1" boring bit, drill from the center of the door edge, at 38" FROM FLOOR mark, into the $2\frac{1}{8}$ " bore.
3. With face cover in place, position latch and mark perimeter of latch faceplate on door edge. Mortise to accommodate latch face and face cover, $\frac{5}{32}$ " deep.
4. **PASSAGE:** When installing a passage latch, hold latch with writing facing upwards.
PRIVACY: When installing privacy latch, hold latch with writing facing upwards. From inside of the room, push the "Privacy Locking Block" toward the outside of the room. Slide the oval plastic stopper over the outside privacy block. Fasten with the small machine screw (see Figure #2 on reverse side).
5. Apply faceplate to latch with flat side of faceplate facing flat side of bolt (see Figure #1 on reverse side). Position latch and faceplate in door to suit the door swing. Rotate if necessary, using slight pressure. Screw latch and faceplate to door.

BEFORE INSTALLING ROSE:

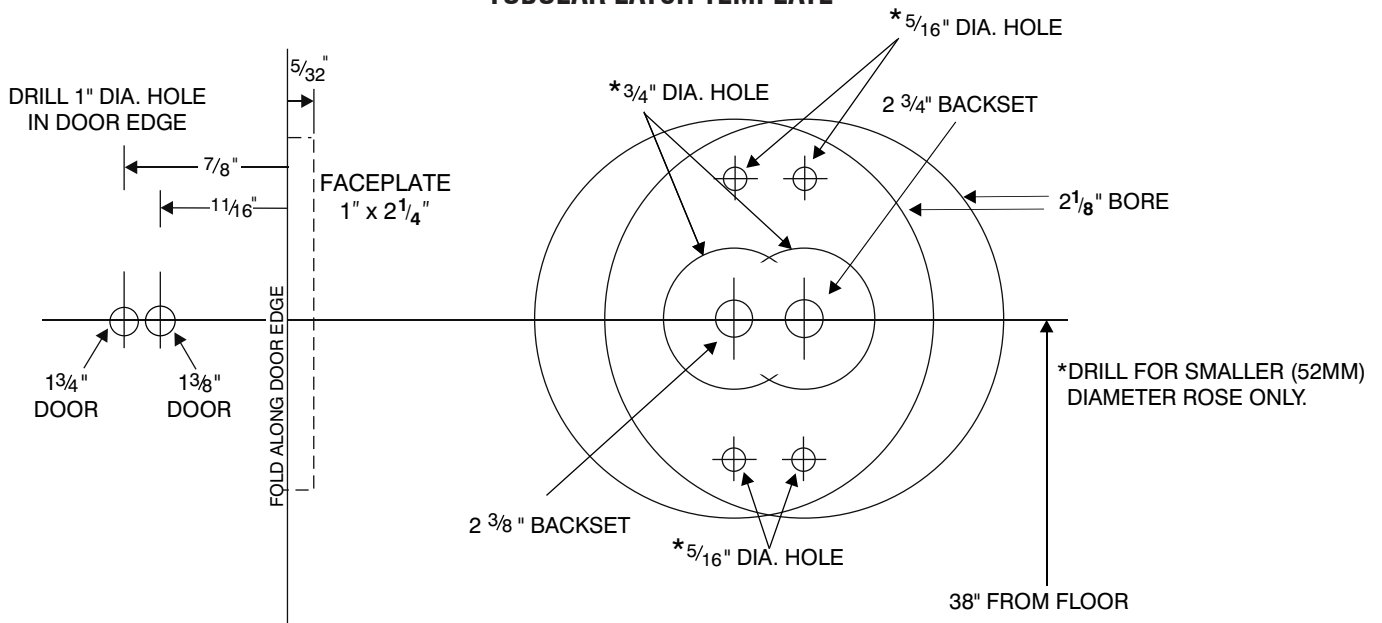
6. **Insert 8mm spindle through latch hub. FOR PRIVACY: Insert split spindle until spindle stop hits latch hub. The "tear drop" cut outs on the spindle should be facing the set screw hole on lever or knob.**

Installing Passage and Privacy Rose Set

1. Remove the covers from both sides of the roses. Install the plastic sub-roses to each other through the door and fasten them together using the (2) screws provided.
PRIVACY: For privacy, make sure both roses have the words "**Door Edge**" facing the correct direction for the privacy pin. Install the (2) screws to fasten the roses together (do not tighten them down but leave them snug). Slide the levers onto the spindle on both sides and turn the sub-roses so that the ends of the levers are slightly pointing upwards. Tighten the screws to fasten the sub-roses together. (DO NOT OVERTIGHTEN SCREWS.) Slide off the lever handles.
2. Replace the rose covers on to the sub-roses by aligning the cut-out of the cover with the tab of the plastic sub-rose. Snap rose covers onto sub-roses.
3. Slide both levers onto spindle until securely seated into roses. (For privacy, ensure the spindle is centered in the latch so each lever works independently). With set screws, fasten levers to spindle. If installing privacy, thread privacy pin through rose into latch after trim is applied.
4. Check for smooth operation.

Your OMNIA Dealer/Distributor can help you with any further questions or information on other OMNIA Products.

TUBULAR LATCH TEMPLATE

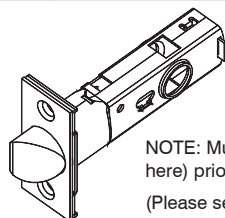
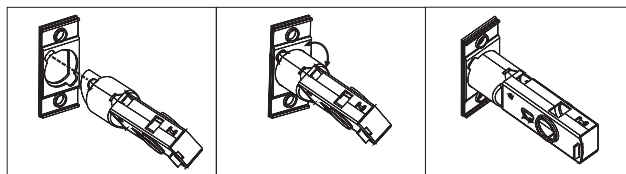


CAUTION: DOOR AND FRAME MANUFACTURERS

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.

ATTACHING LATCH TO FACEPLATE

Figure #1



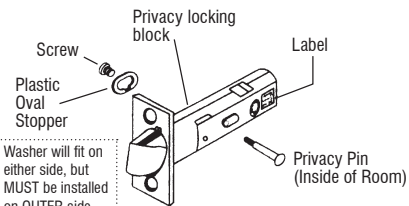
NOTE: Must attach faceplate to latch (as shown here) prior to installing latch in door.
(Please see Figure #2 regarding privacy latch.)

INSTALLATION OF PRIVACY LATCH (PRIVACY LATCH ONLY)

Figure #2

Hold latch with writing on label facing upwards. The side of the latch that is inside of the room must be towards you. Push in the privacy locking block. Slide the oval plastic stopper over the outside privacy block. Fasten with the small machine screw.

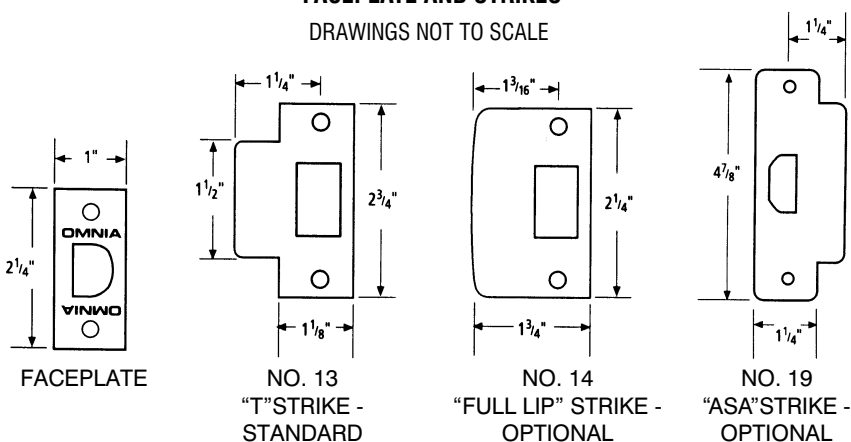
***NOTE Thread privacy pin into latch after trim is applied.**



Washer will fit on either side, but MUST be installed on OUTER side.

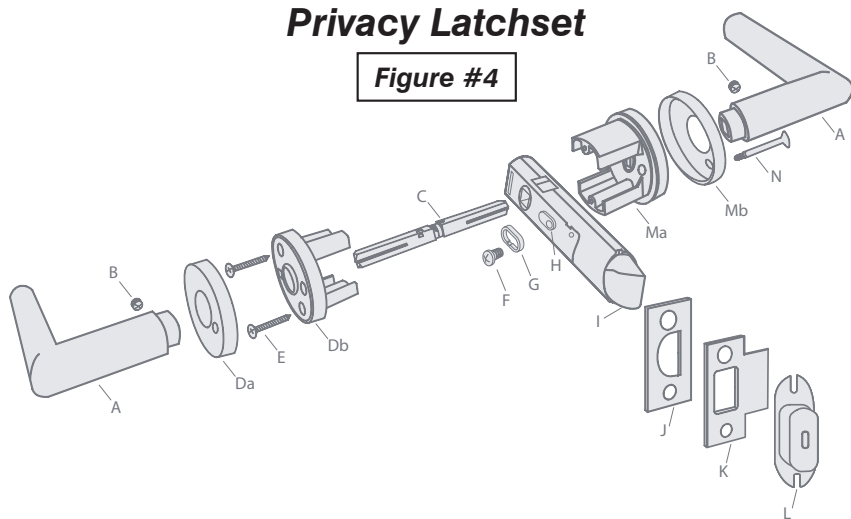
Figure #3

FACEPLATE AND STRIKES DRAWINGS NOT TO SCALE



Privacy Latchset

Figure #4

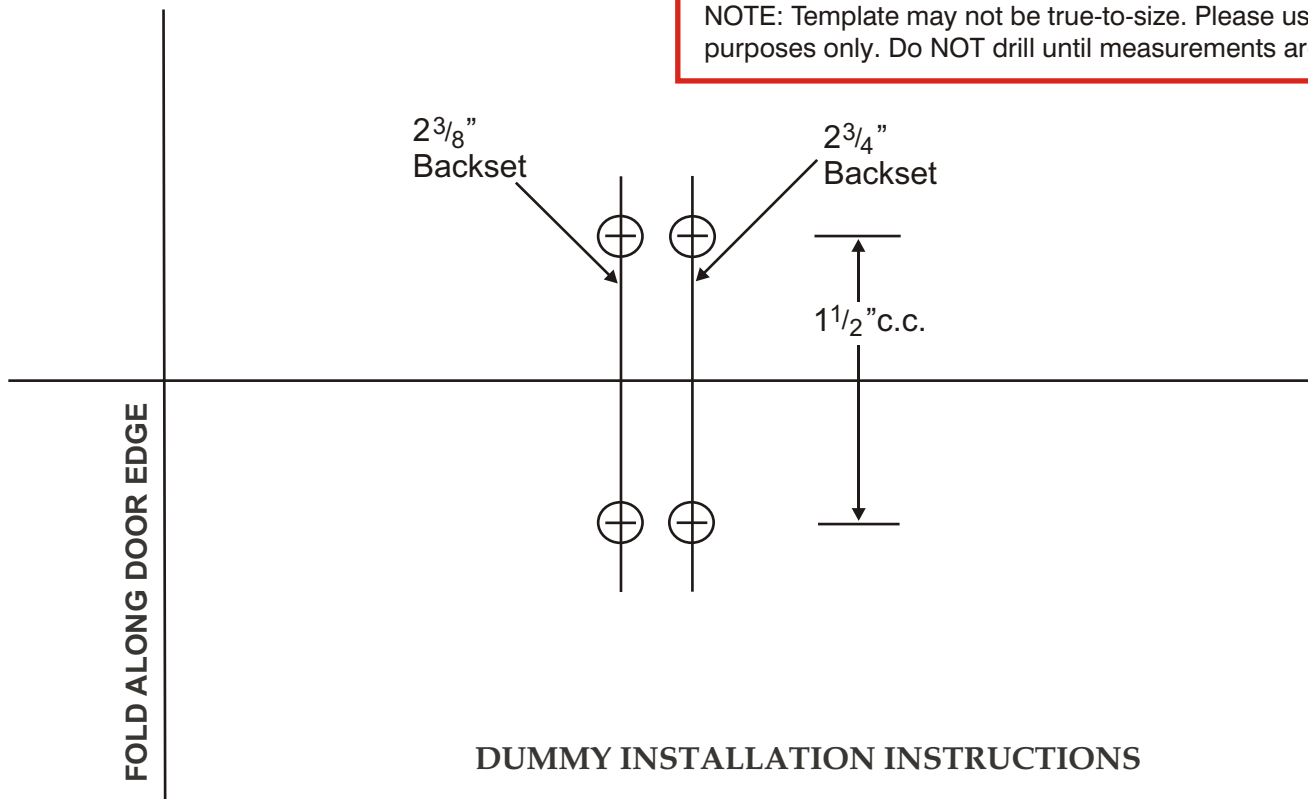


Latchset Component List

- A) Door Knob/Lever (2)
- B) Set Screws (2)
- C) Spindle (Teardrop groove positioned towards set screw)
- Da) Finished Rose
- Db) Nylon Sub-Rose
- E) Thru-bolt Screws (2)
- F) Privacy Locking Block Machine Screw
- G) Privacy Locking Block Locking Stopper
- H) Privacy Locking Block
- I) Tubular Latch
- J) Tubular Latch Faceplate
- K) Tubular Latch Strike Plate
- L) Tubular Latch Dust Box
- Ma) Nylon Sub-Rose
- Mb) Finished Rose
- N) Privacy Locking Pin



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



- 1) Mark the face of the door with a light horizontal pencil line at 38" from the floor, (or at the desired height).
- 2) At the correct backset, mark the face of the door with a minimum 2.5" light vertical pencil line centered on the horizontal line at the appropriate backset.
- 3a) **Lever:** Align the line of the sub-rose with the horizontal line drawn.
- 3b) **Knob:** Align the line of the sub-rose with the vertical line drawn.
Note: The teardrop machining of the dummy stud (that protrudes from the center of the sub-rose) should face the setscrew hole of the lever or knob. In most cases, for levers the teardrop machining should face the hinge side of the door and for knobs it should face the floor.
- 4) Mark with a pencil the three holes of the sub-rose.
For thru-bolting, mark only the two larger holes opposite each other.
- 5) Drill no more than a 1/8" pilot hole for the mounting screws.
For thru-bolting, drill a 1/4" hole through the door.
- 6) Fasten the sub-rose to the door with three wood screws.
For pair of dummies, thru-bolt a sub-rose on each side of the door using sex bolts. (Be sure the spindle is in the proper position.)
- 7) Screw the finished rose cover onto the dummy sub-rose.
- 8) Slide the nylon washer over the shank of the lever or knob and slide the lever or knob onto the dummy spindle.
- 9) Insert set screw into the lever or knob and tighten.

Installation is now complete.

For pairs of dummies, repeat this on the other side of the door.



OMNIA INDUSTRIES, INC.
CEDAR GROVE, NJ 07009



2-1/2" OR 2-3/4" BACKSET MORTISE HANDLE SET LOCKBODY

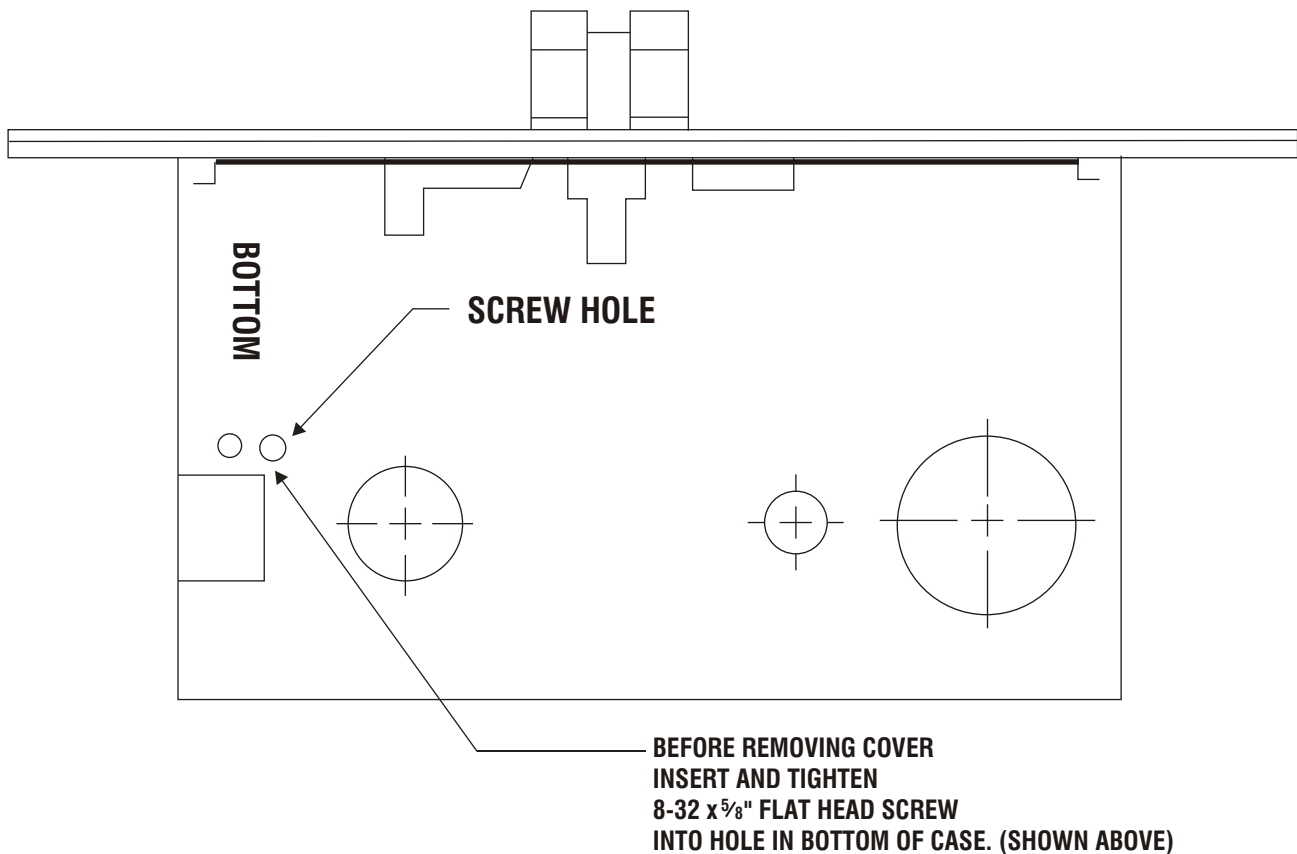
To Reverse Lever x Handle Set Lock Body

1. Place lock body flat on work surface with the latch bolt pointing to the left and the cylinder hole to the top of the lock, as shown in the diagram.
2. **INSERT AND TIGHTEN THE PROVIDED 8-32 x $\frac{5}{8}$ " FLAT HEAD SCREW INTO THE SCREW HOLE AS MARKED ON THE DIAGRAM.**
3. Flip lock over and remove screws holding lock cover on and remove lock cover.
4. Reverse ***latch bolt only***. (Lock spindle hubs do not need to be reversed.)
5. Replace lock case cover and tighten screws.
6. Remove the 8-32 x $\frac{5}{8}$ " screw from step 2.

Reversing is now complete.

To Reverse Knob x Handle Set Lock Body

Follow above instructions starting with Step 3.





OMNIA INDUSTRIES, INC.

CEDAR GROVE, NJ 07009



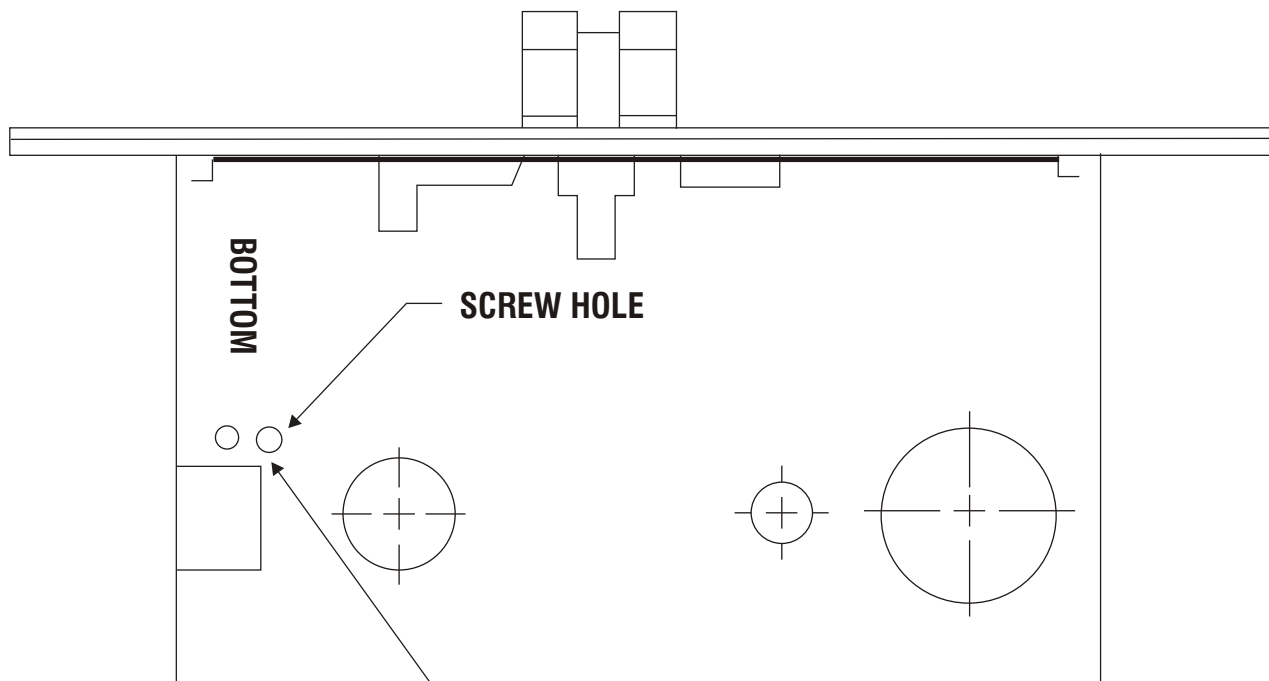
TO REVERSE 2½" OR 2¾" B.S. MORTISE LEVER x LEVER/KNOB x KNOB LOCK BODY

To Reverse Lever x Lever Lock Body, start with Step 1

To Reverse Knob x Knob Lock Body, start with Step 3

1. Place lock body flat on work surface with the latch bolt pointing to the left and the cylinder hole to the top of the lock, as shown in the diagram.
2. **INSERT AND TIGHTEN THE PROVIDED 8-32 x 5/8" FLAT HEAD SCREW INTO THE SCREW HOLE AS MARKED ON THE DIAGRAM.**
3. Flip lock over and remove screws holding lock cover on and remove lock cover.
4. Remove the cylinder latch lever and stop lever that goes over the latch bolt rod and spring.
5. Take note to the direction of the latch bolt bevel. Remove the latch bolt by lifting the square stop at the back of the latch bolt rod, and slide out the latch bolt.
6. Rotate the latch bolt over so that the bevel is opposite of the original bevel and install the latch bolt back into the lock case.
7. Take note to which side of the lock has the locking spindle hub. Remove both spindle hubs and reverse the side of the lock the locking spindle hub is positioned.
8. Replace the cylinder latch lever and stop lever that go over the latch bolt rod.
9. Replace the case cover and tighten screws.
10. **REMOVE THE 8-32 X 5/8" SCREW FROM STEP 2.**

Reversing is now complete.



**BEFORE REMOVING COVER
INSERT AND TIGHTEN
8-32 x 5/8" FLAT HEAD SCREWS
INTO HOLE IN BOTTOM OF CASE. (SHOWN ABOVE)**



Ph. 800.310.7960
www.OmniaIndustries.com

OM-212/234MLACRI
Rev. 3/02/2020

3 5/8" C.C. DEADBOLT INSTALLATION TEMPLATE

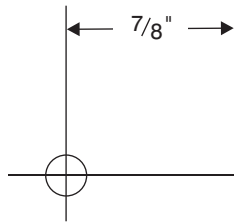
FOR 1 3/4" DOOR

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

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.

DRILL 1" DIA. HOLE

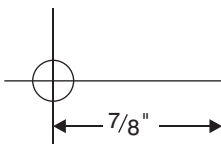


USE DEADBOLT
FACEPLATE AS
A TEMPLATE

IMPORTANT:

FOR LATCH
Drill 1" Diameter Hole.
3 3/4" Deep for 2 3/8" B.S.
4 1/8" Deep for 2 3/4" B.S.

DRILL 1" DIA. HOLE



USE LATCH
FACEPLATE AS
A TEMPLATE



CEDAR GROVE, NJ 07009

FOLD ALONG DOOR EDGE

FOLD ALONG DOOR EDGE

2 3/8" B.S. 2 3/4" B.S.

DRILL 1/2" DIA. FOR D3000
D11000, D12000, D24000,
& D25000 THRU-BOLTED
BACKPLATES ONLY.

2 3/8" B.S.

2 1/8" BORE

**DEADBOLT
ASSEMBLY**

2 3/4" B.S.

2 7/8"

9 3/8"

3 5/8" CC

2 1/8" BORE

2 3/4" B.S.

**LATCHBOLT
FOR LEVER OR KNOB**

38" FROM FLOOR

2 3/8" B.S.

2 7/8"

DRILL 1/2" DIA. FOR D3000
D11000, D12000, D24000,
& D25000 THRU-BOLTED
BACKPLATES ONLY.

2 3/8" B.S.

2 3/4" B.S.

OM-358DIT

12/29/10



DEADBOLT INSTALLATION INSTRUCTIONS FOR 3-5/8" c.c. OR 5-1/2" c.c. PLATES

- 1) **MARK HOLES:** Using the enclosed template, mark the door with all boring positions at the height indicated on the template. **Be sure to drill backplate holes for the proper bore.** Backplates are 5-1/2" center-to-center or 3-5/8" center-to-center.
- 2) **BORING HOLES:**
 - a) Bore the two 2-1/8" holes from step one until point of boring bit comes through on the other side. Complete the boring from the other side to prevent the wood from splintering.
IMPORTANT: Be sure to bore at the required backset, 2-3/8" or 2-3/4".
 - b) Bore the two 1" holes from the door edge where indicated on the template.
- 3) **INSTALLATION OF DEADBOLT ASSEMBLY:**
 - a) Mortise into the door edge 5/32" deep for faceplate. Use faceplate as template.
 - b) Install cylinder housing into top 2-1/8" bore. Be sure to install the housing with the "top" marking on the side of the housing to the top and with the cylinder set screws towards the door edge (opposite door hinges).
 - c) Insert the deadbolt assembly into the top 1" hole and into the cylinder housing. Be sure to install the bolt with the "top" marking to the top.
 - d) Screw in the (2) cylinder housing screws into the lower cylinder housing holes marked (A).
 - e) Screw stabilizer plate to housing. Tighten till housing sits in center of bore depth.
- 4) **INSTALLING TUBULAR LATCH:** With face cover in place, position latch with arrow facing up and mark perimeter of latch faceplate on door edge. Mortise to accommodate latch face and face cover, approximately 5/32" deep. Position latch in door to suit bevel. Rotate latch nose bolt, if necessary, using slight pressure. Apply faceplate with flat side of faceplate facing flat side of bolt. Screw faceplate and latch to door.
- 5) **INSTALLING BACKPLATES:** Insert spindle into latch with tear drop cut out facing set screw position. Install backplates slipping knob/lever onto spindle, lining up cylinder hole with cylinder housing and insert turnpiece through slot and deadbolt. If door is under 1-3/4" thick, tail piece may need to be trimmed. With the backplate screw holes on the inside, insert the thru bolt screws & screw them in, but do not tighten them down. The plate must be able to move about freely in order to properly align the backplates with the deadbolt and latchbolt.
- 6) **INSTALLING CYLINDERS:**
 - a) Carefully thread in outside cylinder through the backplate into the cylinder housing. It may be easier to turn cylinder by inserting key halfway, after threading has started. Thread in until end and then back off until "Omnia" is right side up.
 - b) Tighten down cylinder set screws. From door edge looking at the bolt of the deadbolt there is a tiny set screw on each side of the bolt inside the half moon recession. Tighten the set screws as tight as possible, with the included 5/64" allen key.
- 7) **FASTENING DEADBOLT:** Install the faceplate and screw the deadbolt to the door.
- 8) **TIGHTEN DOWN:** Thru-bolt on backplates.
- 9) **STRIKE INSTALLATION:** For deadbolt strike alignment, shut door and turn the key to extend the bolt. The bolt will leave a small mark on the jamb. Measure down from the mark 3-5/8" or 5-1/2", whichever applies and make a mark. At the two marks drill a 1" diameter hole thru the jamb. Mortise out for the reinforcer and the strike for the latch. Install the reinforcer and strike for the deadbolt and then install the dust box and strike for the latch.

**Your dealer/distributor could help you with any further questions or information on other Omnia products.*

5½" c.c. DEADBOLT INSTALLATION TEMPLATE

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

FOR 1¾" DOOR

DRILL 1" DIA. HOLE

7/8"

USE DEADBOLT
FACEPLATE AS
A TEMPLATE

FOLD ALONG DOOR EDGE

5/32"

FOLD ALONG DOOR EDGE

2 1/4"

5 1/2" cc.

9 3/8"

1 5/8"

DRILL ½" DIA. FOR D11000
& D12000 THRU-BOLTED
BACKPLATES ONLY

2 3/8" B.S.

2 1/8" BORE

DEADBOLT
ASSEMBLY

2 3/4" B.S.

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.

IMPORTANT:

FOR LATCH
Drill 1" Diameter Hole.
3 3/4" Deep for 2 3/8" B.S.
4 1/8" Deep for 2 3/4" B.S.

DRILL 1" DIA. HOLE

7/8"

USE LATCH
FACEPLATE AS
A TEMPLATE

2 1/8" BORE

2 3/4" B.S.

LATCHBOLT
FOR LEVER OR KNOB

38" FROM FLOOR

2 3/8" B.S.

DRILL ½" DIA. FOR D11000
& D12000 THRU-BOLTED
BACKPLATES ONLY



DEADBOLT INSTALLATION INSTRUCTIONS FOR 3-5/8" c.c. OR 5-1/2" c.c. PLATES

- 1) **MARK HOLES:** Using the enclosed template, mark the door with all boring positions at the height indicated on the template. **Be sure to drill backplate holes for the proper bore.** Backplates are 5-1/2" center-to-center or 3-5/8" center-to-center.
- 2) **BORING HOLES:**
 - a) Bore the two 2-1/8" holes from step one until point of boring bit comes through on the other side. Complete the boring from the other side to prevent the wood from splintering.
IMPORTANT: Be sure to bore at the required backset, 2-3/8" or 2-3/4".
 - b) Bore the two 1" holes from the door edge where indicated on the template.
- 3) **INSTALLATION OF DEADBOLT ASSEMBLY:**
 - a) Mortise into the door edge 5/32" deep for faceplate. Use faceplate as template.
 - b) Install cylinder housing into top 2-1/8" bore. Be sure to install the housing with the "top" marking on the side of the housing to the top and with the cylinder set screws towards the door edge (opposite door hinges).
 - c) Insert the deadbolt assembly into the top 1" hole and into the cylinder housing. Be sure to install the bolt with the "top" marking to the top.
 - d) Screw in the (2) cylinder housing screws into the lower cylinder housing holes marked (A).
 - e) Screw stabilizer plate to housing. Tighten till housing sits in center of bore depth.
- 4) **INSTALLING TUBULAR LATCH:** With face cover in place, position latch with arrow facing up and mark perimeter of latch faceplate on door edge. Mortise to accommodate latch face and face cover, approximately 5/32" deep. Position latch in door to suit bevel. Rotate latch nose bolt, if necessary, using slight pressure. Apply faceplate with flat side of faceplate facing flat side of bolt. Screw faceplate and latch to door.
- 5) **INSTALLING BACKPLATES:** Insert spindle into latch with tear drop cut out facing set screw position. Install backplates slipping knob/lever onto spindle, lining up cylinder hole with cylinder housing and insert turnpiece through slot and deadbolt. If door is under 1-3/4" thick, tail piece may need to be trimmed. With the backplate screw holes on the inside, insert the thru bolt screws & screw them in, but do not tighten them down. The plate must be able to move about freely in order to properly align the backplates with the deadbolt and latchbolt.
- 6) **INSTALLING CYLINDERS:**
 - a) Carefully thread in outside cylinder through the backplate into the cylinder housing. It may be easier to turn cylinder by inserting key halfway, after threading has started. Thread in until end and then back off until "Omnia" is right side up.
 - b) Tighten down cylinder set screws. From door edge looking at the bolt of the deadbolt there is a tiny set screw on each side of the bolt inside the half moon recession. Tighten the set screws as tight as possible, with the included 5/64" allen key.
- 7) **FASTENING DEADBOLT:** Install the faceplate and screw the deadbolt to the door.
- 8) **TIGHTEN DOWN:** Thru-bolt on backplates.
- 9) **STRIKE INSTALLATION:** For deadbolt strike alignment, shut door and turn the key to extend the bolt. The bolt will leave a small mark on the jamb. Measure down from the mark 3-5/8" or 5-1/2", whichever applies and make a mark. At the two marks drill a 1" diameter hole thru the jamb. Mortise out for the reinforcer and the strike for the latch. Install the reinforcer and strike for the deadbolt and then install the dust box and strike for the latch.

**Your dealer/distributor could help you with any further questions or information on other Omnia products.*

NARROW BACKSET LOCK

2" BACKSET OR (1½" BACKSET)

SEE OTHER SIDE FOR OPPOSITE TEMPLATE

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

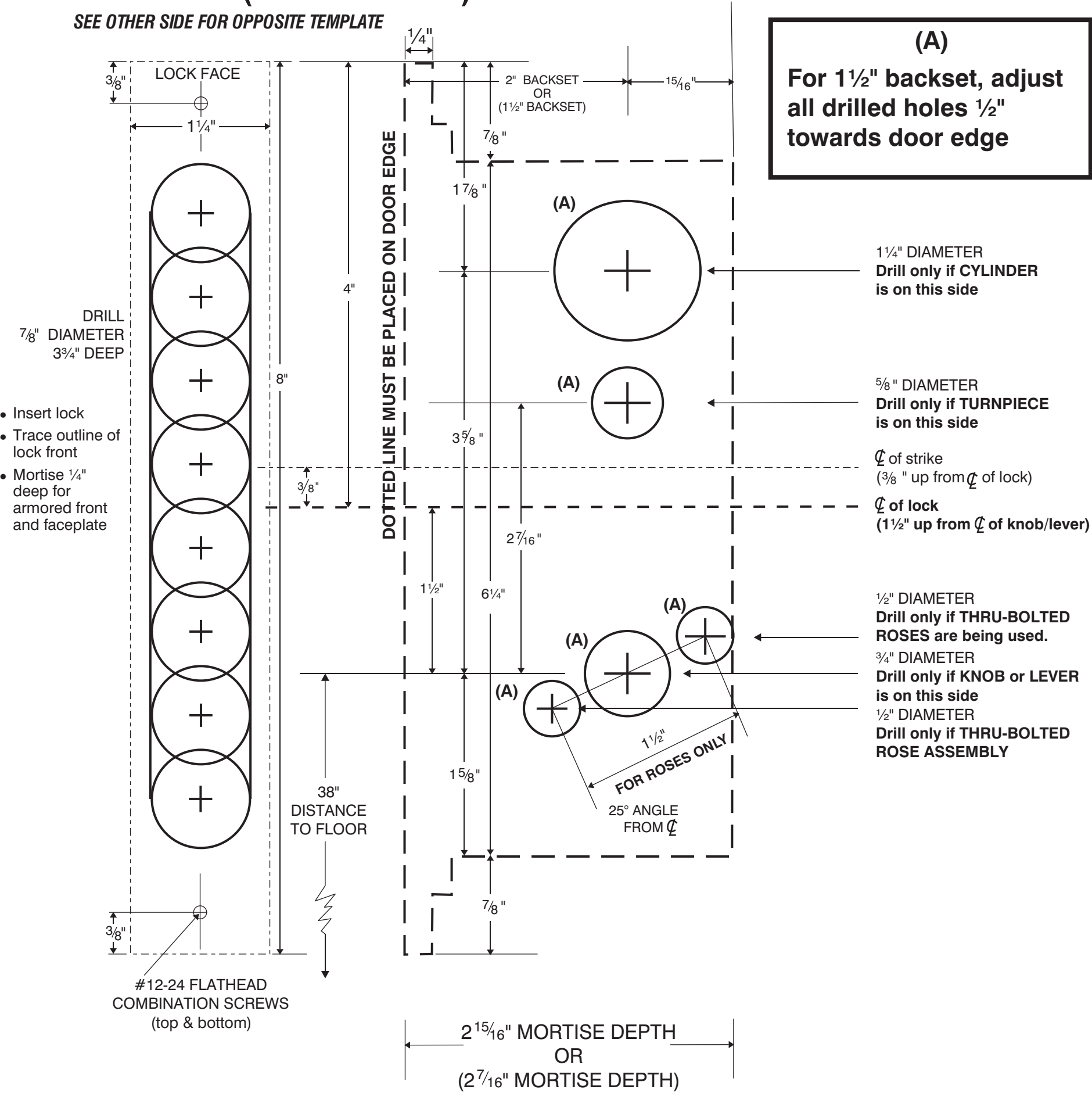


DIAGRAM #1

MORTISE STRIKE INSTALLATION INSTRUCTIONS

- 1) Locate center line of strike by taking the center line of the mortise lock case and going up 3/8" and making a line on the jamb.
- 2) Position the center line of the strike onto the line and using the strike as a guide trace the edge of the strike.
- 3) Mortise the jamb 3/32" deep for the strike.
- 4) When box strike **is used** a minimum of 1" mortise depth is needed.
- 5) When box strike is **not used** be sure to mortise deep enough to allow the latchbolt and deadbolt to fully extend.

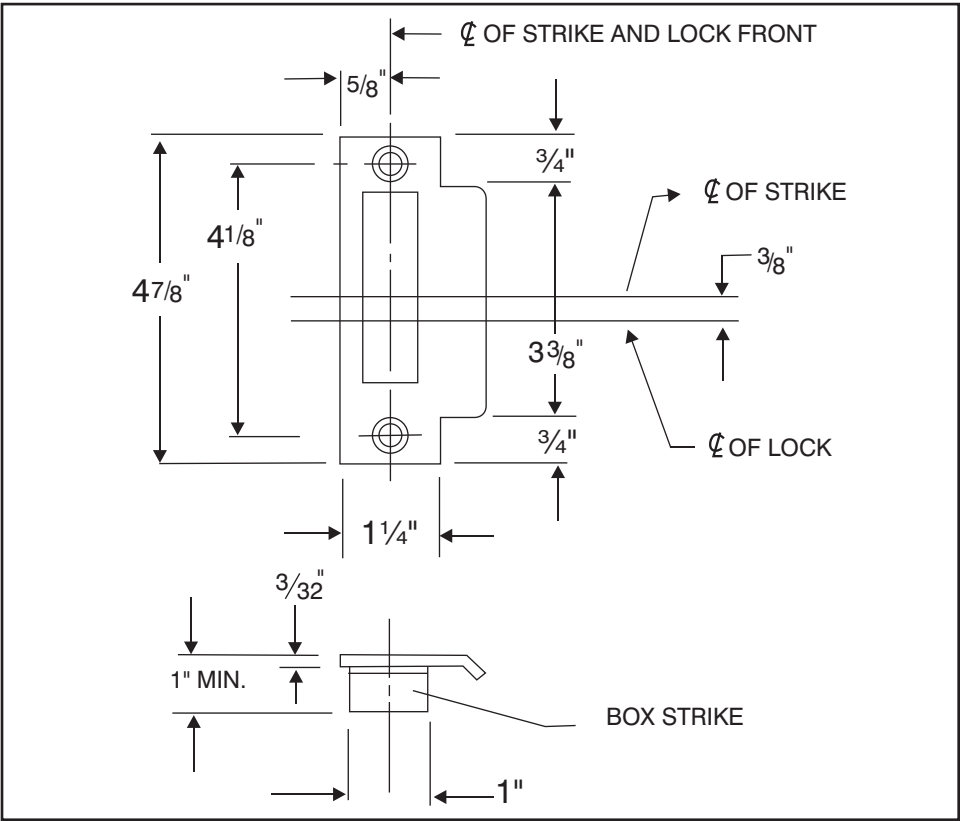


DIAGRAM #2

FUNCTION HOLES TO DRILL

Function	Cyl. Hole outside	Cyl. Hole 2 sides	Turnpiece inside	Knob hole 2 sides	Cam type
A	X		X	X	C
AC		X		X	C
B	X		X	X	C
BAC		X		X	C
L			Both Sides	X	
N				X	
PD					
SD					

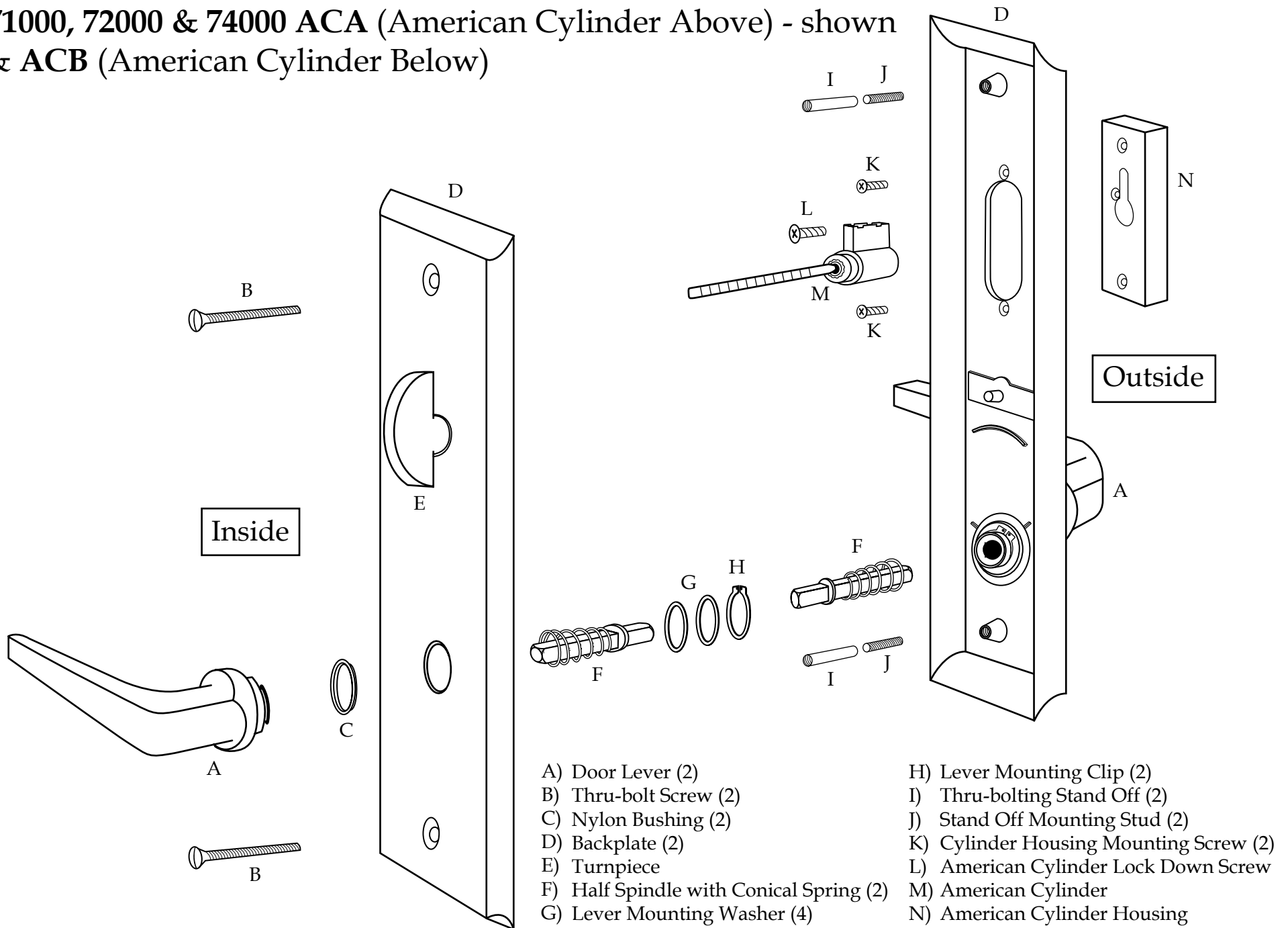
Key: C = Cloverleaf S=Straight Cam



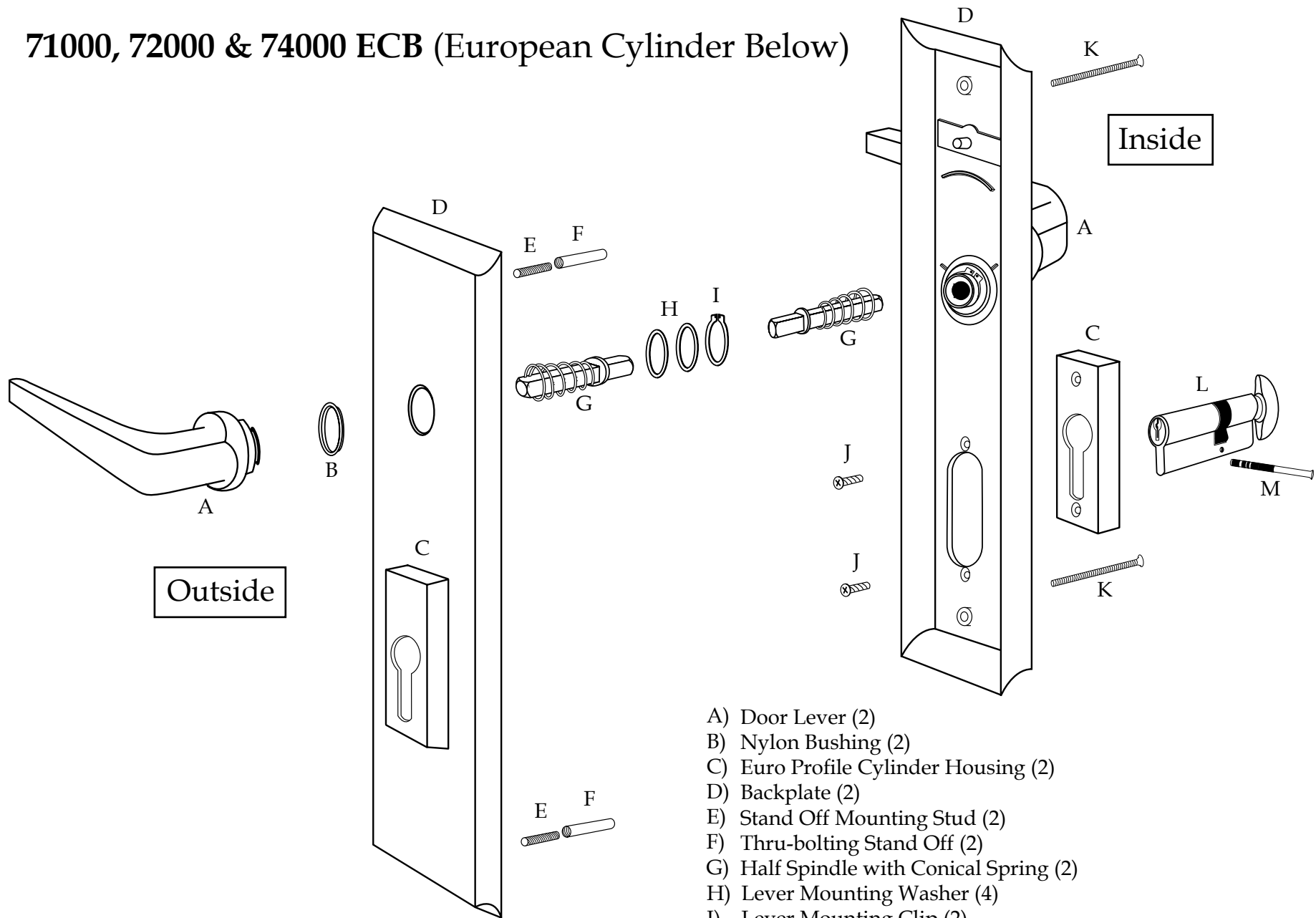
CEDAR GROVE
NJ 07009

OM-ANBL
Rev. 12/29/10

71000, 72000 & 74000 ACA (American Cylinder Above) - shown
& **ACB** (American Cylinder Below)

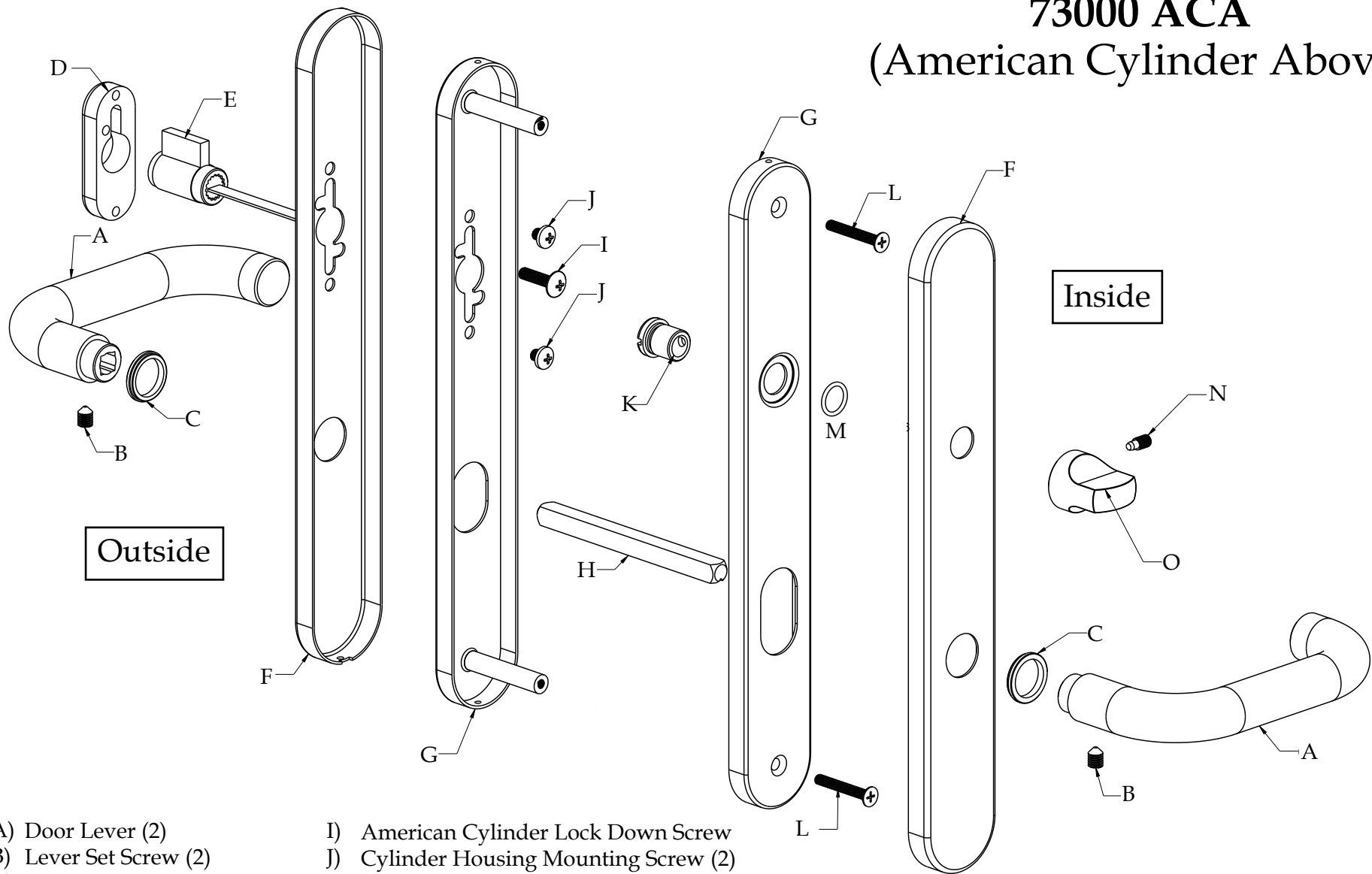


71000, 72000 & 74000 ECB (European Cylinder Below)



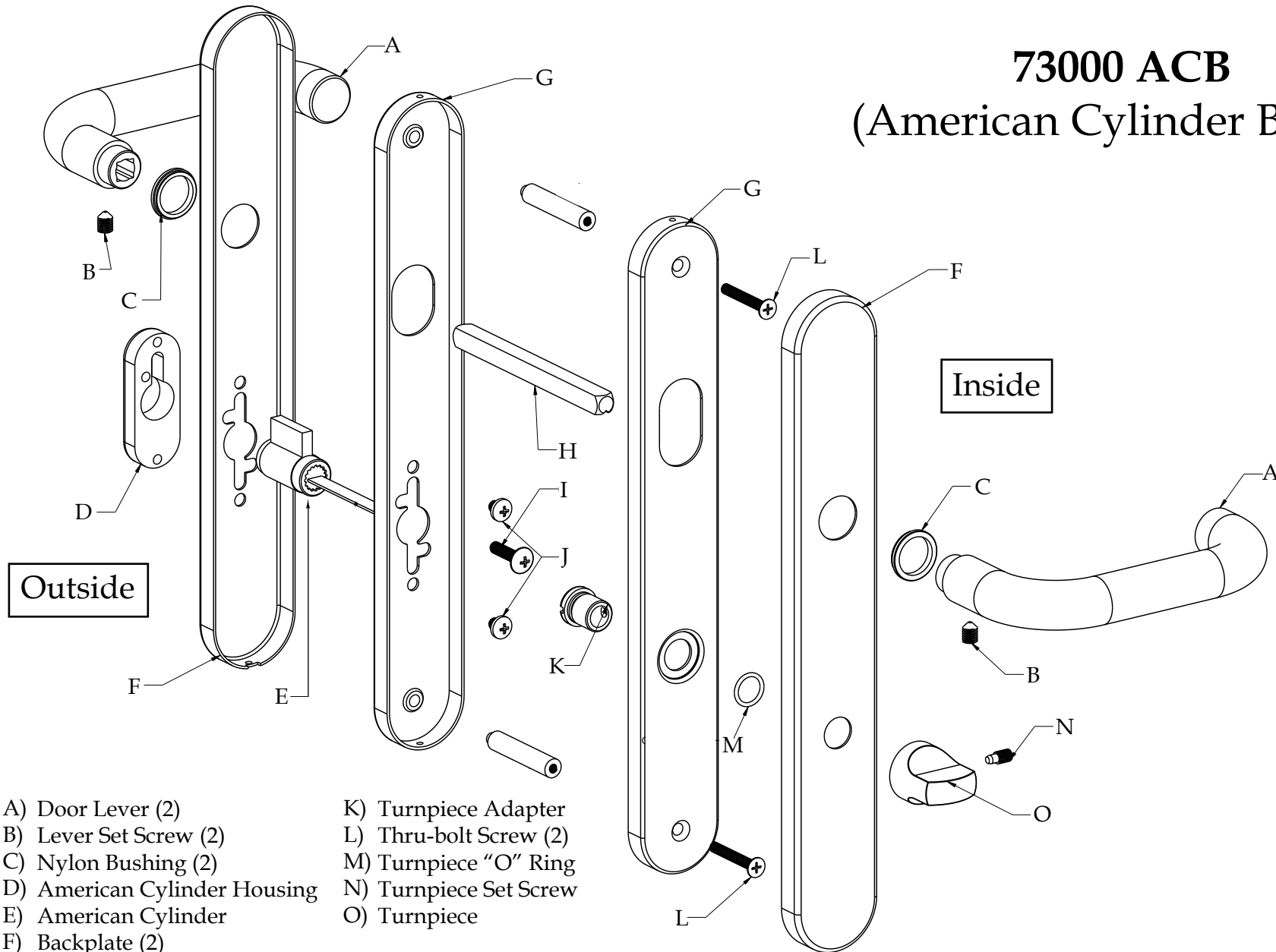
- A) Door Lever (2)
- B) Nylon Bushing (2)
- C) Euro Profile Cylinder Housing (2)
- D) Backplate (2)
- E) Stand Off Mounting Stud (2)
- F) Thru-bolting Stand Off (2)
- G) Half Spindle with Conical Spring (2)
- H) Lever Mounting Washer (4)
- I) Lever Mounting Clip (2)
- J) Cylinder Housing Mounting Screw (2)
- K) Thru-bolt Screw (2)
- L) Euro Profile Cylinder
- M) Cylinder Lock Down Screw

73000 ACA (American Cylinder Above)



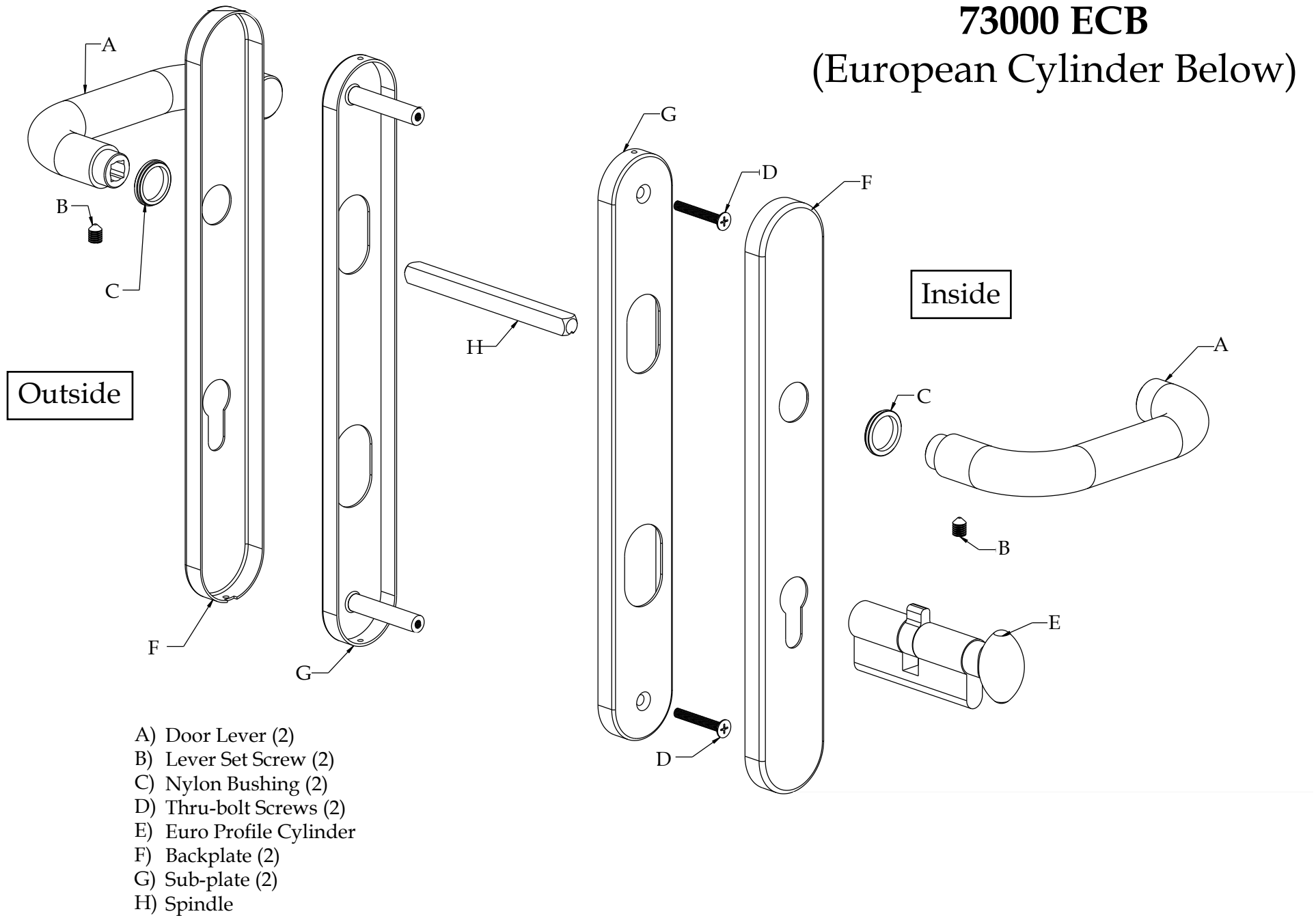
- | | |
|------------------------------|--|
| A) Door Lever (2) | I) American Cylinder Lock Down Screw |
| B) Lever Set Screw (2) | J) Cylinder Housing Mounting Screw (2) |
| C) Nylon Bushing (2) | K) Turnpiece Adapter |
| D) American Cylinder Housing | L) Thru-bolt Screw (2) |
| E) American Cylinder | M) Turnpiece "O" Ring |
| F) Backplate (2) | N) Turnpiece Set Screw |
| G) Sub-plate (2) | O) Turnpiece |
| H) Spindle | |

73000 ACB (American Cylinder Below)



- A) Door Lever (2)
- B) Lever Set Screw (2)
- C) Nylon Bushing (2)
- D) American Cylinder Housing
- E) American Cylinder
- F) Backplate (2)
- G) Sub-plate (2)
- H) Spindle
- I) American Cylinder Lock Down Screw
- J) Cylinder Housing Mounting Screw (2)
- K) Turnpiece Adapter
- L) Thru-bolt Screw (2)
- M) Turnpiece "O" Ring
- N) Turnpiece Set Screw
- O) Turnpiece

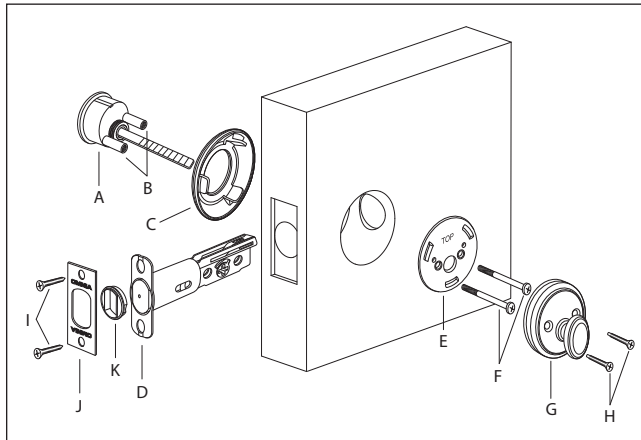
73000 ECB (European Cylinder Below)



Solid Brass Auxiliary Deadbolt Instructions / Template for Single Cylinder



Exploded View Single Cylinder Deadbolt



Parts Enclosed:

- | | |
|--|--|
| A - Rim Cylinder | F - Rim Cylinder Hardened Thru-Bolt Screws |
| B - Standoffs | G - Inside Turnpiece and Rose |
| C - Outside Collar | H - Inside Mounting Screws (2) |
| D - Deadbolt Latch | I - #8 x 1" Sheet Metal Screws (2) |
| E - Inside Rim Cylinder Mounting Plate | J - Deadbolt Faceplate |
| | K - Deadbolt Stabilizer |

Tools Needed:

Only Required for Doors Without Cutout

If your door is not pre-bored, see instructions for door preparation below:

- 1 - Pencil
- 2 - 2 1/8" diameter hole saw
- 3 - 1/2" or 1/4" wood chisel
- 4 - Drill and assorted bits: 1/8", 5/32" and 1"

Tools Needed:

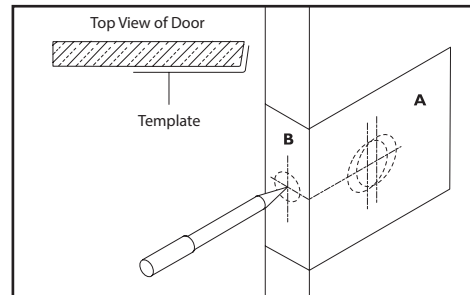
Doors Prepared with 2 1/8" Cutout

- 1 - No.2 and No.3 Phillips screwdrivers
- 2 - Measuring device
- 3 - Flathead Screwdriver

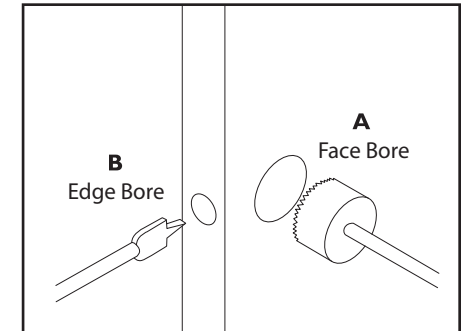
Note: See Strike Installation Section for strike parts listing.

Door Preparation and Deadbolt Installation

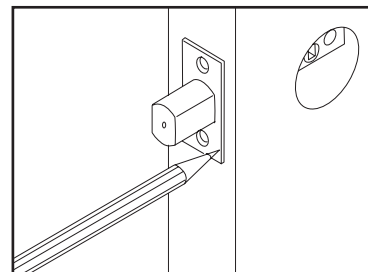
1 To position template, fold enclosed template on line and locate on door at desired height. If you have a new door that is not already cut-out, please follow these instructions. (If your door is pre-bored, please proceed to Single Cylinder



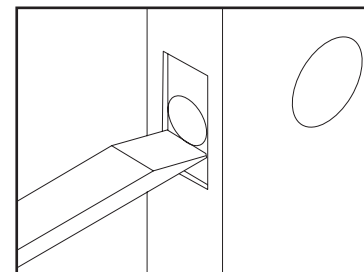
Assembly - Step 1.) If the door is beveled, place the folded edge on low side of bevel as shown in the illustration. Determine backset (2 3/8" or 2 3/4"). Mark the door for face and edge bores.



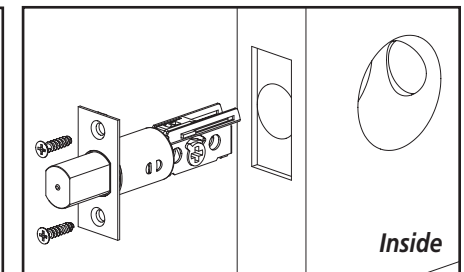
2 Drill the 2 1/8" diameter face bore (A) through the door and 1" diameter edge bore (B).
Caution: Re-check hole locations before drilling.



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



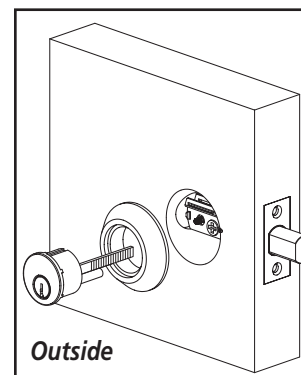
4 Chisel out the area marked for the faceplate to a depth of 5/32" or until faceplate is flush with door edge.



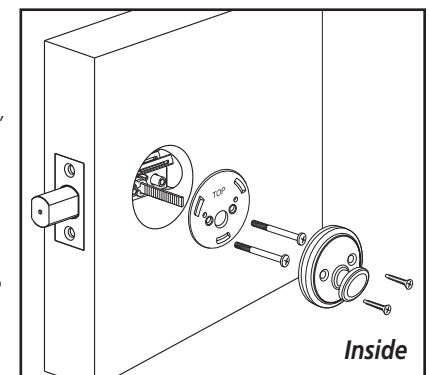
5 Install bolt in edge bore with cross hub down. Fasten bolt with two screws.

Single Cylinder Assembly

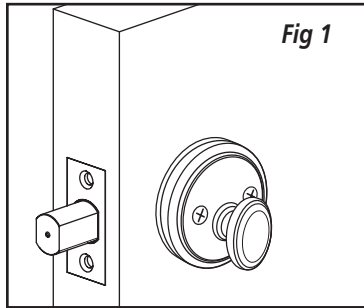
1 Insert flat blade screwdriver into deadbolt hub and extend the bolt. Keeping the tailpiece in a vertical position, insert cylinder through collar and into deadbolt hub. Key must not be in cylinder during this procedure. Hold cylinder in place on the door.



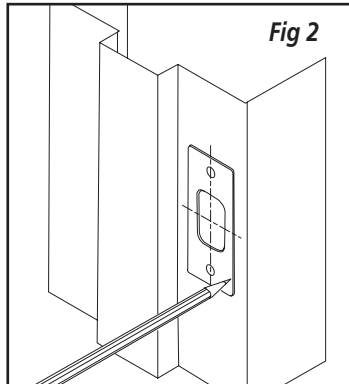
2 Place the tailpiece into the turnpiece and rose assembly, on inside of door. For 1 3/8" thick doors only, snap off breakaway screws. Install two breakaway screws. Retract the bolt to unlocked position. Install rose and turnpiece as per picture. Proceed now with strike installation.



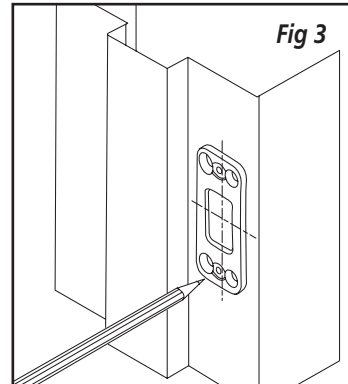
Strike Installation



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 Using reinforcing strike as a template, mark locations for reinforcing screws. (Fig.3) Drill two $\frac{5}{32}$ " dia. pilot holes for the 3" long screws and two $\frac{1}{8}$ " dia. pilot holes for the $\#8 \times \frac{3}{4}$ " screws. Mark drill points $\frac{5}{16}$ " above and below centering point. Bore two 1" dia. holes $1\frac{1}{4}$ " deep at these points. (Fig.4)

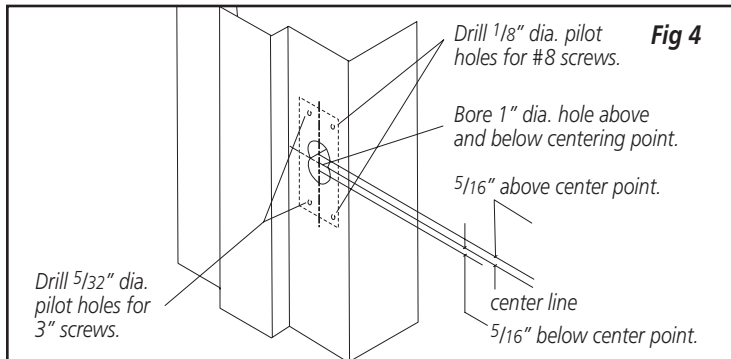
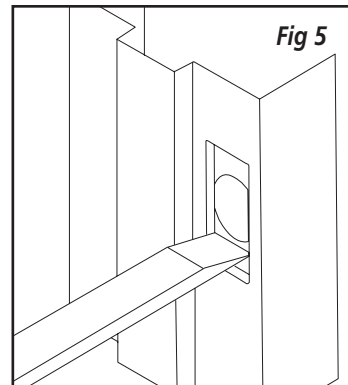
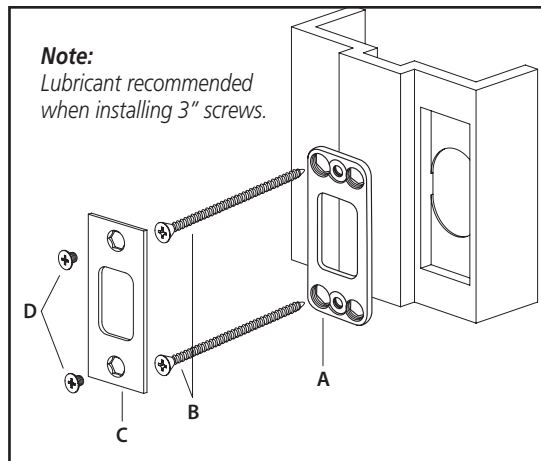


Fig 4

5 Install Strike as Illustrated

- A - Reinforcer
- B - $\#10 \times 3$ " Wood Screws (2)
- C - Strike
- D - $\#8 \times \frac{1}{4}$ " x 20 Machine Screws (2)



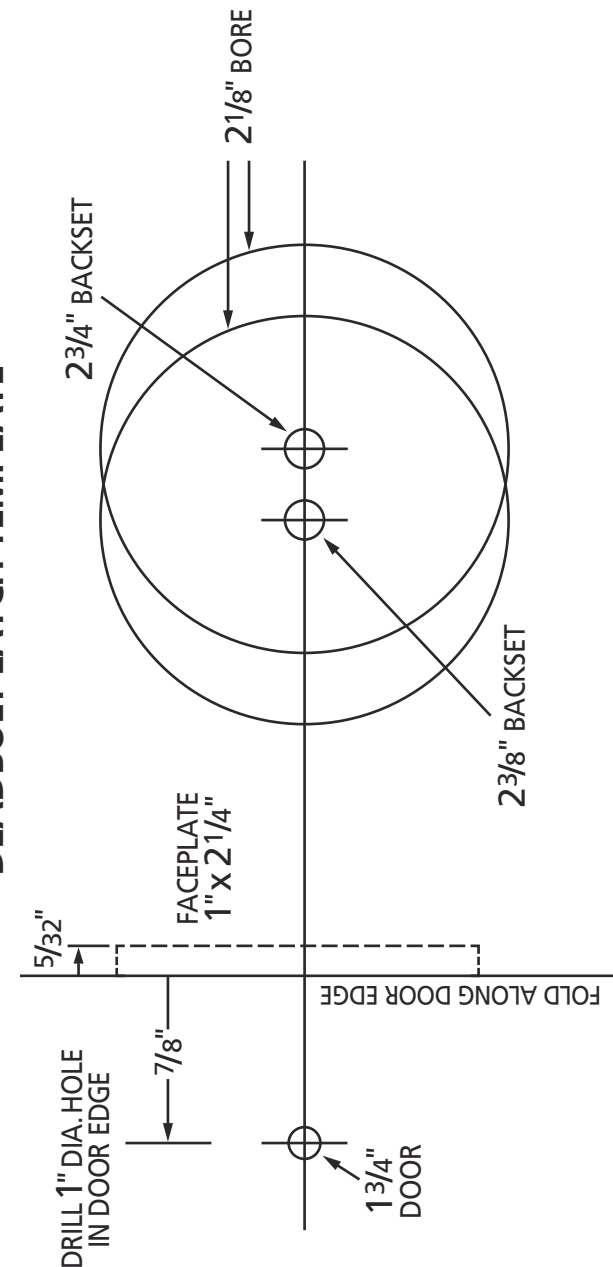
4 Mortise $\frac{7}{32}$ " deep or until the strike box, reinforcing strike and strike plate fit inside mortise and flush with the door frame. (Fig.5)

Congratulations

Your installation is now complete!

We thank you for your purchase.

DEADBOLT LATCH TEMPLATE

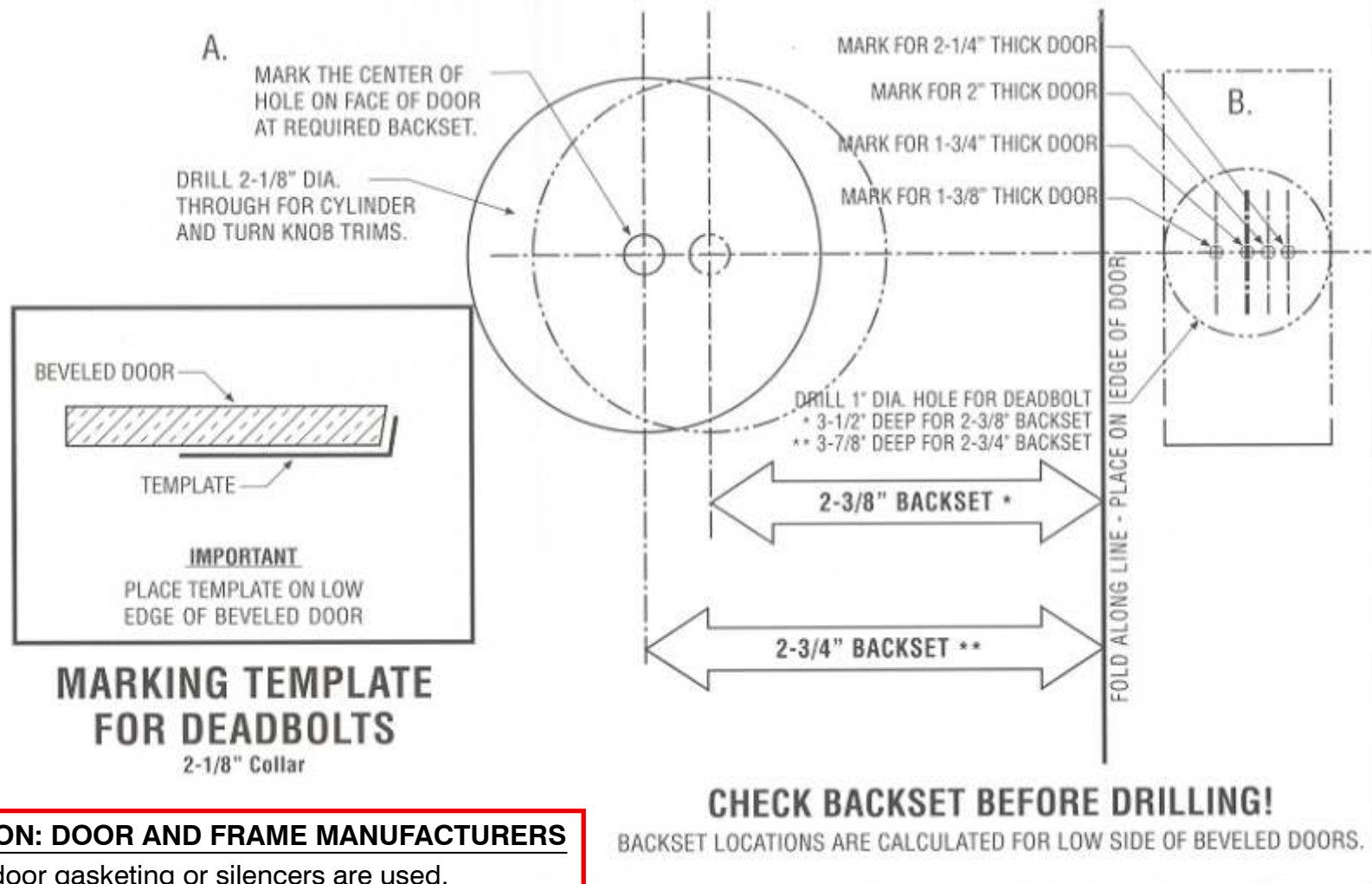


CAUTION: DOOR AND FRAME MANUFACTURERS

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.

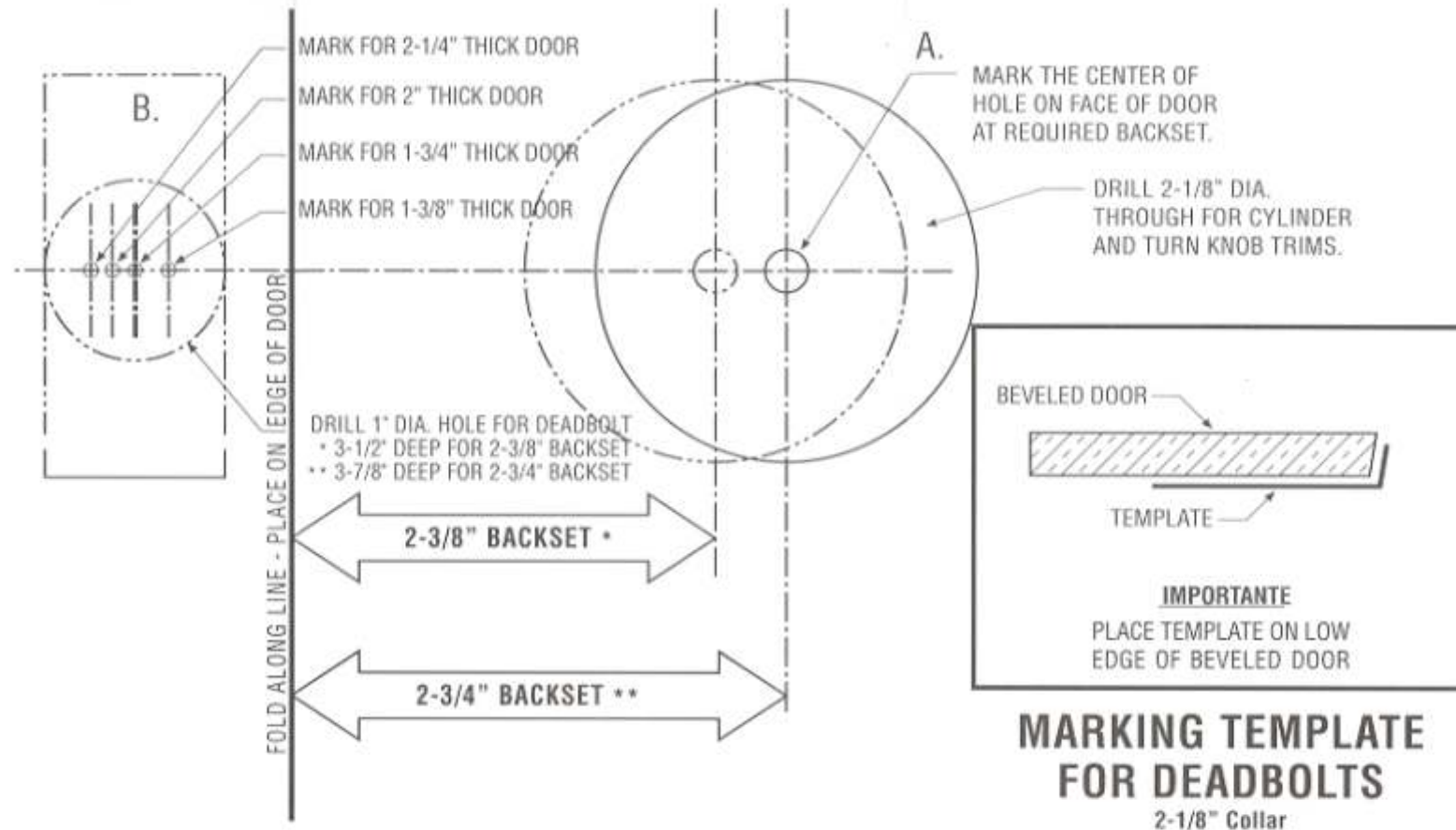
STAINLESS STEEL D9000 & D9000S

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



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

STAINLESS STEEL D9000 & D9000S



CHECK BACKSET BEFORE DRILLING!

BACKSET LOCATIONS ARE CALCULATED FOR LOW SIDE OF BEVELED DOORS.
 11/03

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.

Deadbolt Installation for Single Cylinder

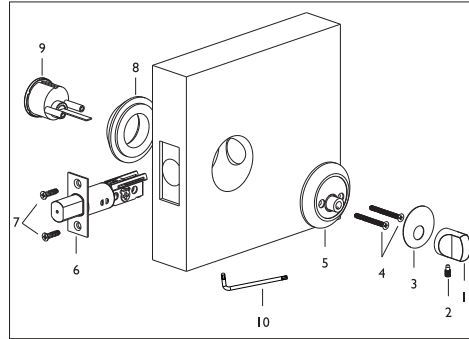
You have selected one of the latchset types illustrated in these instructions. The exploded views show, at a glance, how your latchset is assembled. Please follow the step- by-step installation instruction to ensure proper installation.

OMNIA

D9000 & D9000S

2-1/8" Bore Auxiliary Deadbolt Set

Exploded View Single Cylinder Deadbolt



Parts Enclosed:

- 1 - 1 Turnpiece
- 2 - 1 Set Screw
- 3 - 1 Cover Plate
- 4 - 2 Breakaway Screws
- 5 - 1 Turnpiece Assembly
- 6 - DeadBolt
- 7 - 2 Screws
- 8 - 1 Outside Cylinder Collar
- 9 - 1 Outside Cylinder With Studs
- 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 - 2-1/8" 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 2-1/8" Cutout

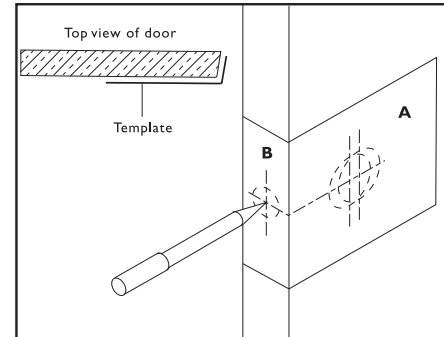
- 1 - No.2 and No.3 Philips screwdrivers
- 2 - Measuring device
- 3 - Flathead Screwdriver

DOOR PREPARATION AND DEADBOLT INSTALLATION

1

To position template fold enclosed template on line and locate on door at desired height.

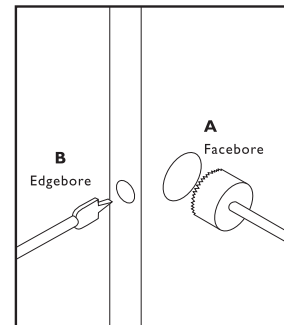
If you have a new door that is not already cut-out, please follow these instructions. (If your door is pre-bored please proceed to Single Cylinder & Double cylinder Deadbolt Installation - Step 1). If the door is beveled, place the folded edge on low side of bevel as shown in the illustration. Determine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



2

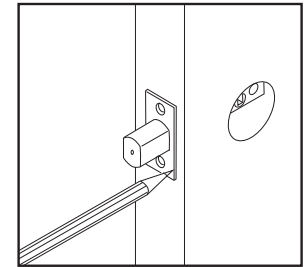
Drill the 2-1/8" diameter face bore (A) through the door and 1" diameter edge bore (B).

Caution: Re- check hole locations before drilling.



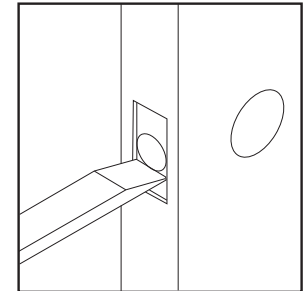
3

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.



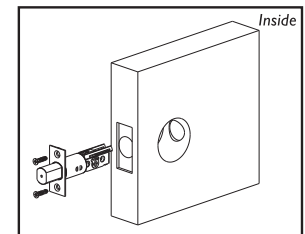
4

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



5

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



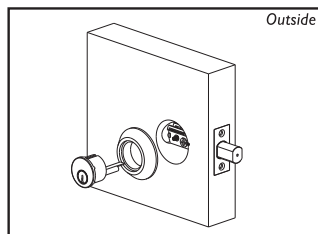
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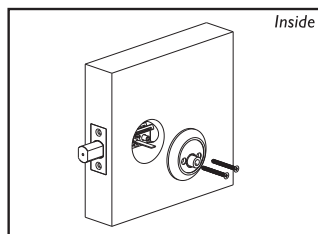
OM-D9000/D9000S

04/07/15

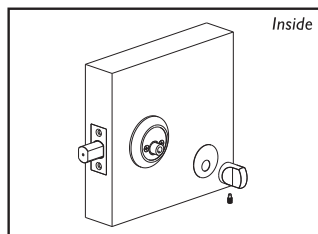
SINGLE CYLINDER ASSEMBLY



- 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.

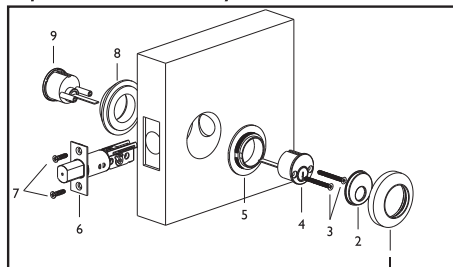


- 3 Retract the bolt to open position. Install coverplate and turnpiece as per picture and secure with set screw. Proceed now with strike installation.

DOUBLE CYLINDER ASSEMBLY

* Before proceeding see *Installing Deadbolt 1* and *2*.

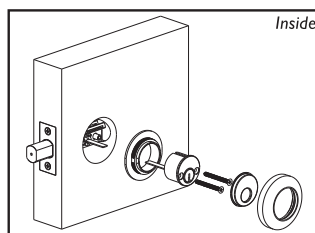
Exploded View Double Cylinder Deadbolt



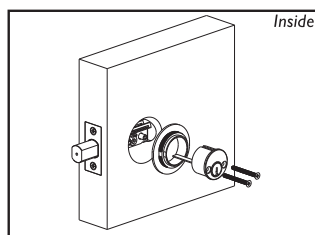
Parts Enclosed:

- | | |
|------------------------------|-------------------------------|
| 1 - 1 Inside Cylinder Collar | 6 - 1 DeadBolt |
| 2 - 1 Inside Cylinder Cap | 7 - 2 Screws |
| 3 - 2 breakaway Screws | 8 - 1 Outside Cylinder Collar |
| 4 - 1 Inside Cylinder | 9 - 1 Outside Cylinder |
| 5 - 1 Inside Threaded Collar | |

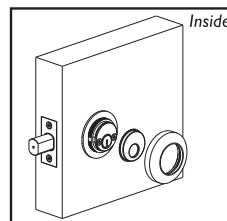
Note: See Strike Installation Section for strike parts listing.



- 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.

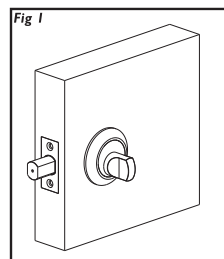


- 2 Align lug on threaded collar into slot on cylinder. With tailpiece in vertical position, install inside cylinder, keeping flat side of inside and outside tailpieces together. Install two breakaway screws through inside cylinder. For 1- 3/8" thick doors only, snap off breakaway screws.

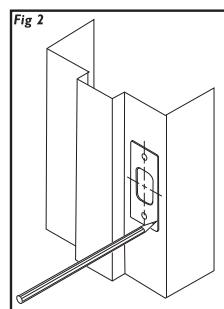


- 3 Install cylinder cap on inside cylinder, and then screw inside cylinder collar onto threaded collar. Proceed now with strike installation.

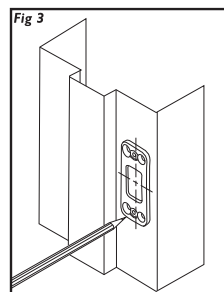
STRIKE INSTALLATION



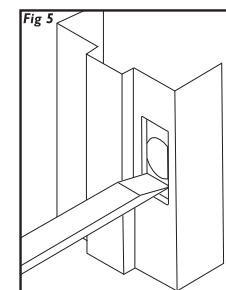
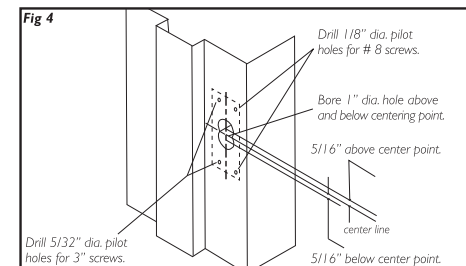
- 1 Close door and extend deadbolt several times against door frame. Strike centering indicator will leave a center mark on the door frame. (Fig.1)



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



- 3 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 diam. 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. Chisel out holes for dust box. (Fig.4)

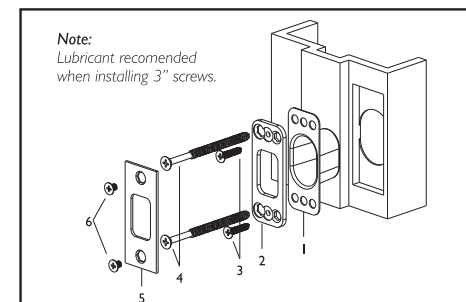


- 4 Mortise 7/32" deep or until the strike box, reinforcing strike and strike plate fits inside mortise and flushwith the door frame. (Fig.5)

5 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 - 6. #8-32x1/4" Machine Screws (2)

Note:
Lubricant recommended when installing 3" screws.



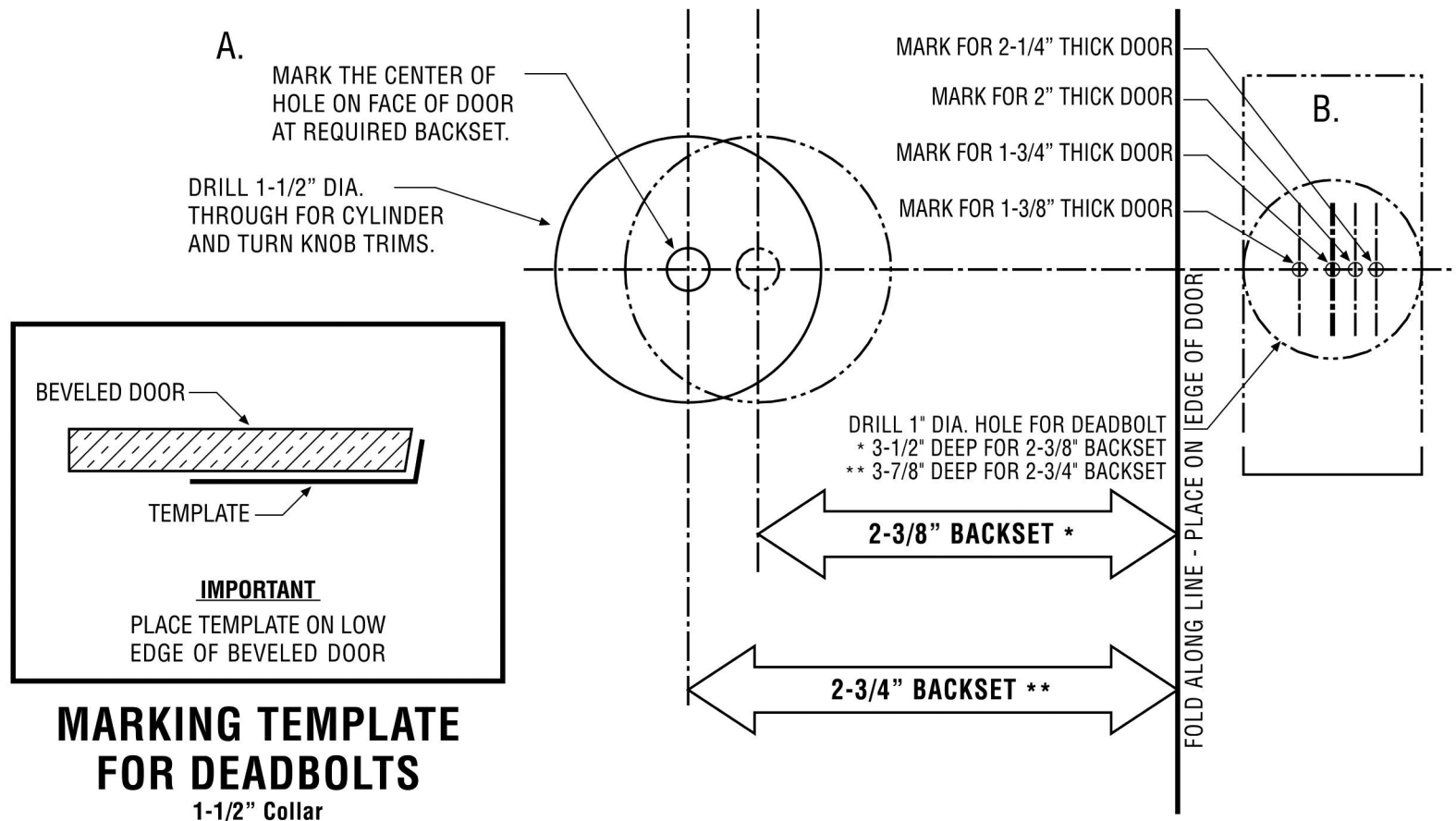
Congratulations

Your installation is now complete!

We thank you for your purchase.

STAINLESS STEEL D9002

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



CAUTION: DOOR AND FRAME MANUFACTURERS

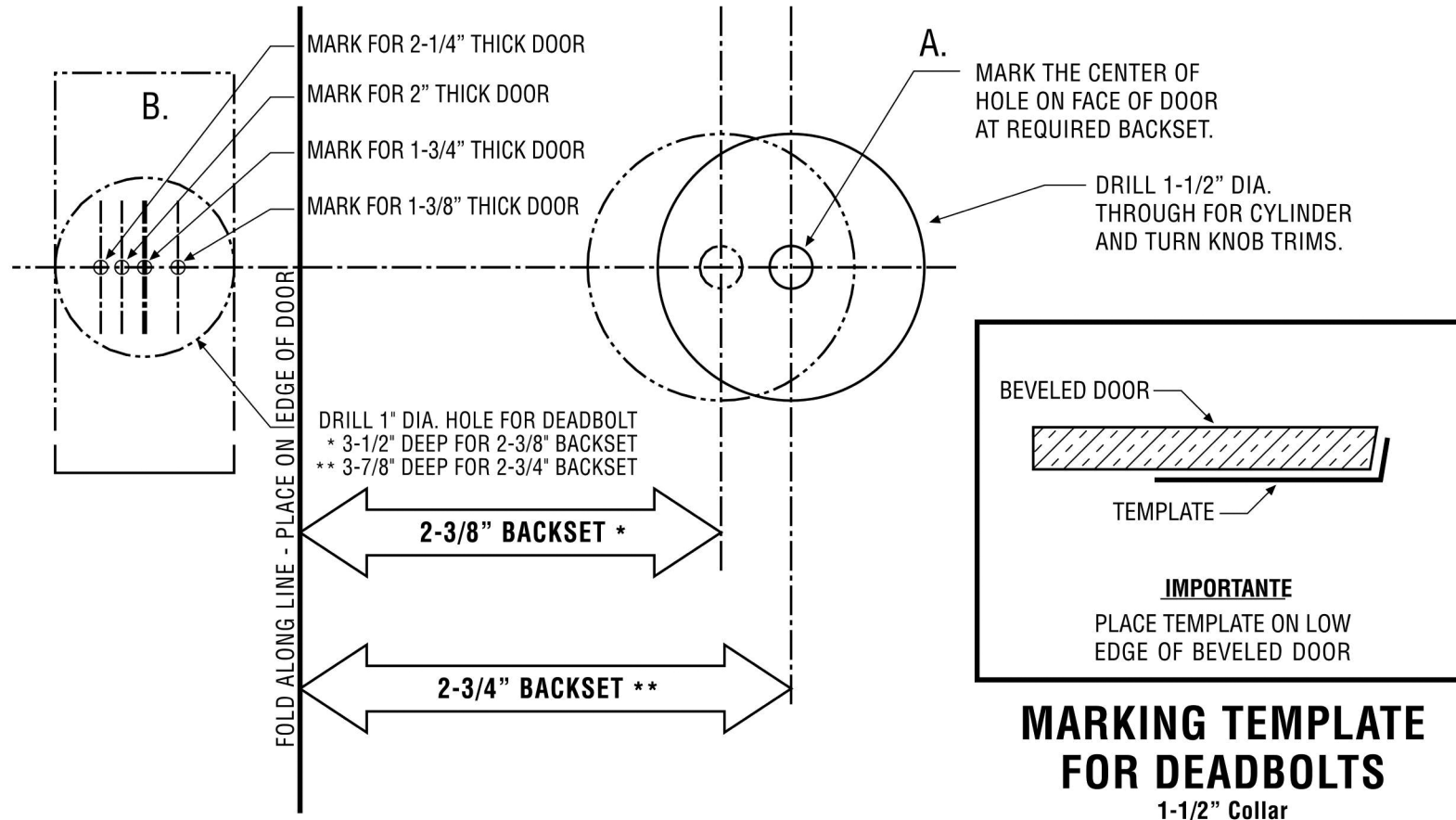
When door gasketing or silencers are used, proper allowances must be made for strike location to maintain a common centerline with lock and door so that the bolt will freely enter strike.

CHECK BACKSET BEFORE DRILLING!

BACKSET LOCATIONS ARE CALCULATED FOR LOW SIDE OF BEVELED DOORS.
11/03

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

STAINLESS STEEL D9002



CHECK BACKSET BEFORE DRILLING!

BACKSET LOCATIONS ARE CALCULATED FOR LOW SIDE OF BEVELED DOORS.

11/03

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.

OMNIA

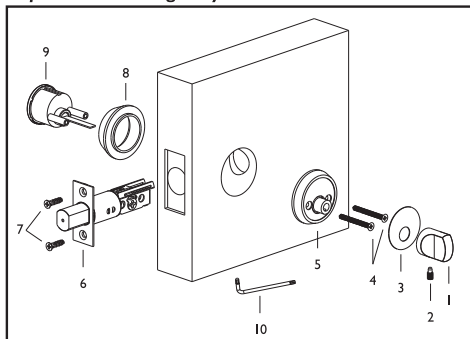
D9002

1-1/2" Bore Auxiliary Deadbolt Set

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 - 1 Turnpiece
- 2 - 1 Set Screw
- 3 - 1 Cover Plate
- 4 - 2 Breakaway Screws
- 5 - 1 Turnpiece Assembly
- 6 - Adjustable Backset Bolt
- 7 - 2 Screws
- 8 - 1 Outside Cylinder Collar
- 9 - 1 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

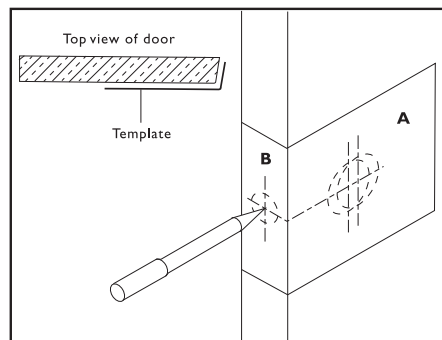
- 1 - No.2 and No.3 Philips screwdrivers
- 2 - Measuring device
- 3 - Flathead Screwdriver

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.

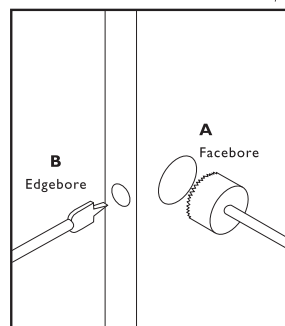


2

Drill the 1-1/2" diameter face bore (A) through the door and 1" diameter edge bore (B).

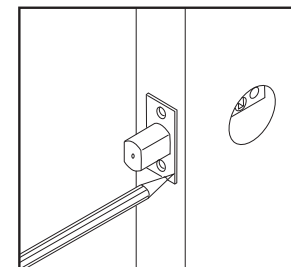
The bolt accommodates both size backsets.

Caution: Re- check hole locations before drilling.



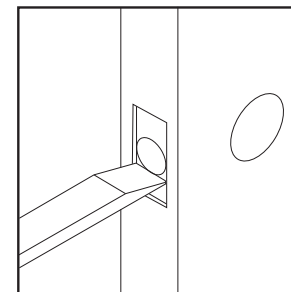
3

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.



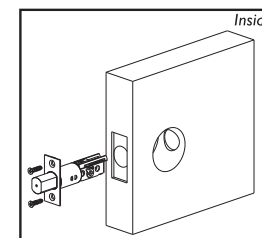
4

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



5

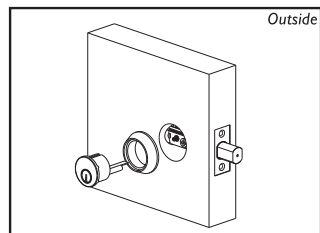
Install bolt in edge bore with cross hub down. Fasten bolt with two screws.



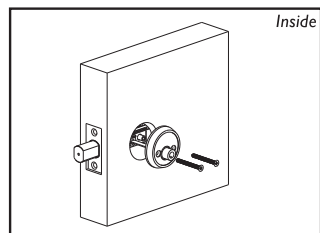
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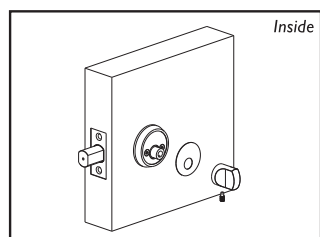
SINGLE CYLINDER ASSEMBLY



- 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 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.

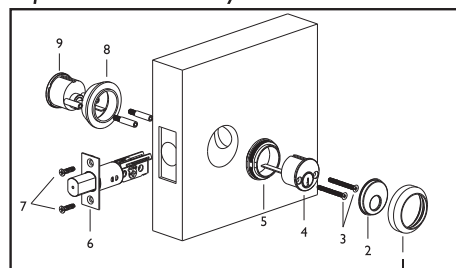


- 3 Retract the bolt to open position. Install coverplate and turnpiece as per picture and secure with set screw. Proceed now with strike installation.

DOUBLE CYLINDER ASSEMBLY

* Before proceeding see *Installing Deadbolt 1 and 2.*

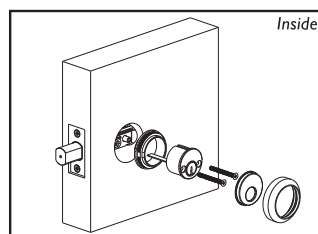
Exploded View Double Cylinder Deadbolt



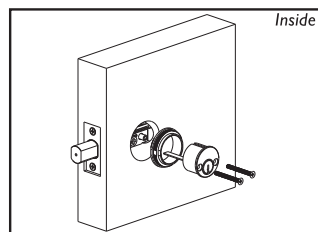
Parts Enclosed:

- | | |
|------------------------------|-------------------------------|
| 1 - 1 Inside Cylinder Collar | 6 - 1 Adjustable Backset Bolt |
| 2 - 1 Inside Cylinder Cap | 7 - 2 Screws |
| 3 - 2 Breakaway Screws | 8 - 1 Outside Cylinder Collar |
| 4 - 1 Inside Cylinder | 9 - 1 Outside Cylinder |
| 5 - 1 Inside Threaded Collar | |

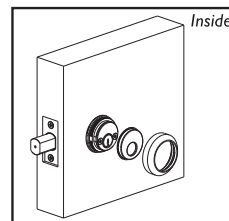
Note: See Strike Installation Section for strike parts listing.



- 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.

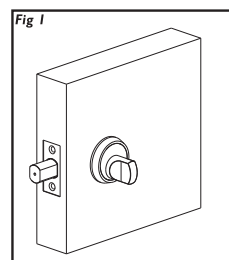


- 2 Align lug on threaded collar into slot on cylinder. With tailpiece in vertical position, install inside cylinder, keeping flat side of inside and outside tailpieces together. Install two breakaway screws through inside cylinder. For 1-3/8" thick doors only, snap off breakaway screws.

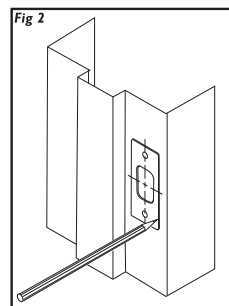


- 3 Install cylinder cap on inside cylinder, and then screw inside cylinder collar onto threaded collar. Proceed now with strike installation.

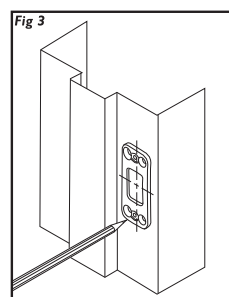
STRIKE INSTALLATION



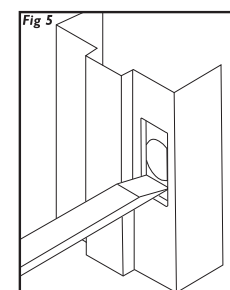
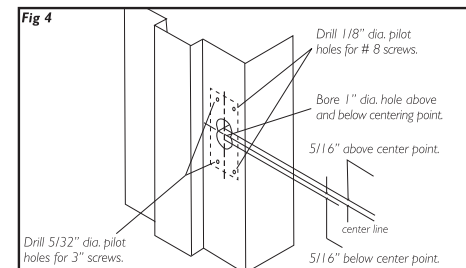
- 1 Close door and extend deadbolt several times against door frame. Strike centering indicator will leave a center mark on the door frame. (Fig.1)



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



- 3 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" diam. 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. Chisel out holes for dust box. (Fig.4)

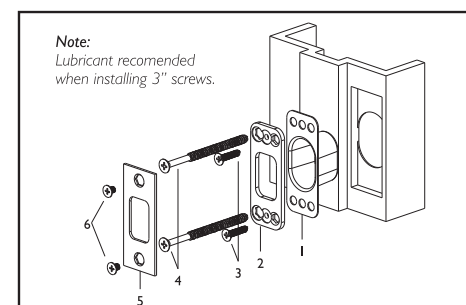


- 4 Mortise 7/32" deep or until the strike box, reinforcing strike and strike plate fits inside mortise and flush with the door frame. (Fig.5)

5 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 - 6. #8-32x1 1/4" Machine Screws (2)

Note:
Lubricant recommended when installing 3" screws.



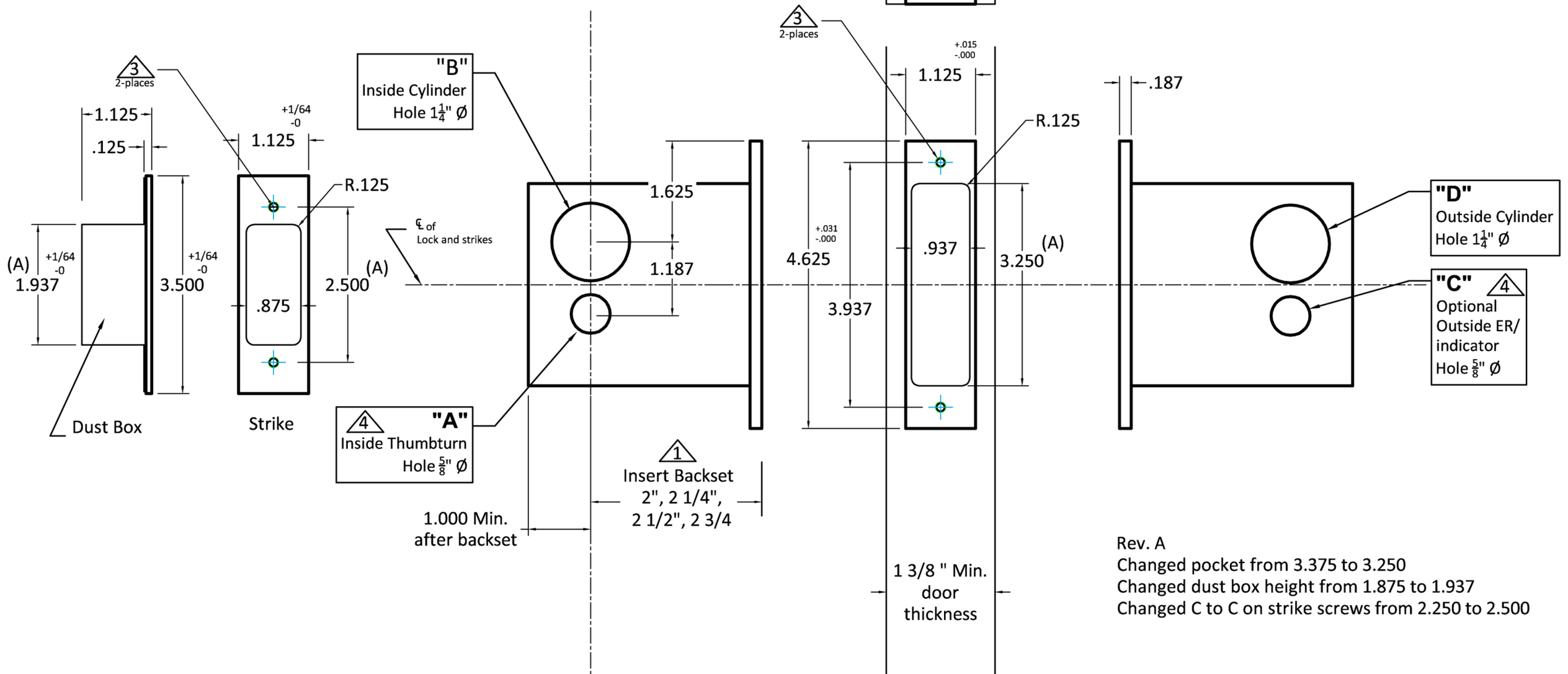
Congratulations

Your installation is now complete!

We thank you for your purchase.

**INSIDE
OF DOOR**

**OUTSIDE
OF DOOR**



OMNIA

041/N Mortise Deadlock

The diagram illustrates the required and optional holes for different lock functions. It features a table with five rows representing lock models (7201, 7202, 7203, 7204, 7205) and two columns for 'Lock Functions'. The functions are categorized into 'Inside of door' and 'Outside of door'. The required holes are indicated by solid black circles, and optional holes are indicated by open circles.

Lock Functions	Inside of door	Outside of door
7201		
7202		
7203		
7204		
7205		

Legend: ● Required Holes ○ Optional Holes

Notes:

- ① Insert backset here 2", 2 1/4", 2 1/2", 2 3/4"
- ② Centerline of strike and front are the same.
- ③ Prep for #8 wood or 8-32 machine screws.
- ④ Thumbturn and ER holes may vary from different trim manufacturers. Please refer to their templates to confirm these dimensions.

Additional Notes:

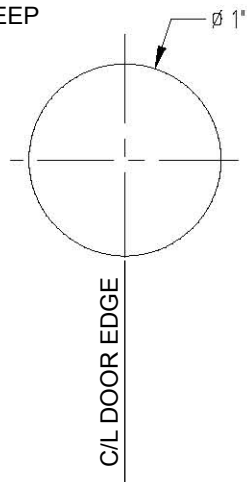
- a) **Responsibility:** Door and frame manufacturers are responsible for providing adequate construction or re-inforcement for proper installation of hardware shown.
- b) See catalog / spec sheets for additional lock details

OM-041/N
06/09/21

INSTALLATION TEMPLATE FOR OMNIA #3910 & #3911 POCKET DOOR LOCK

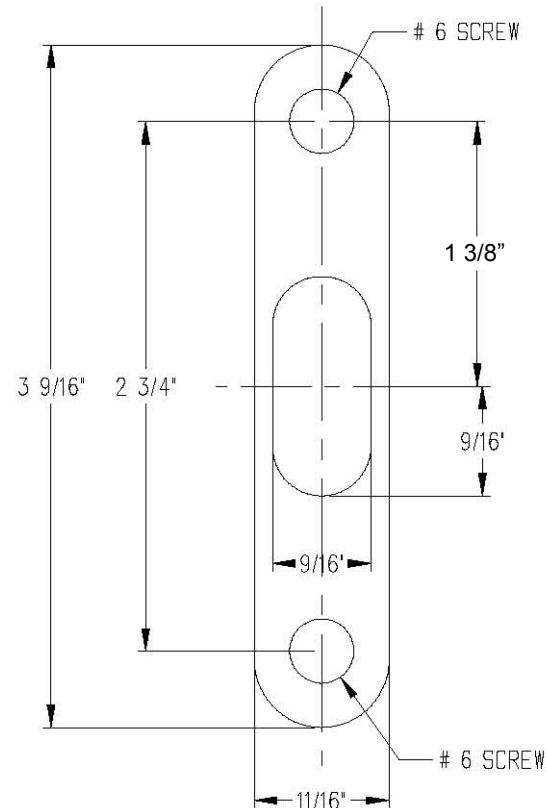
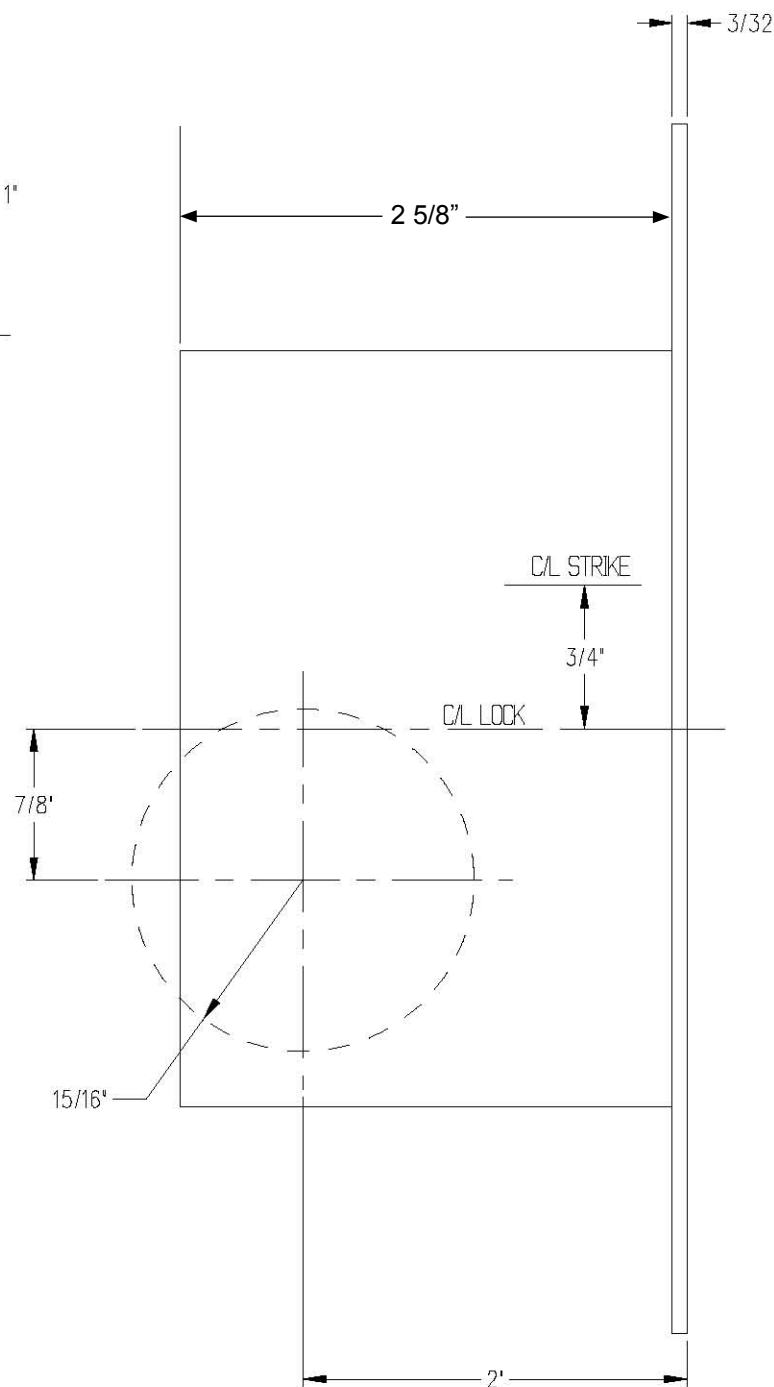


1" DIA. 7/8" DEEP

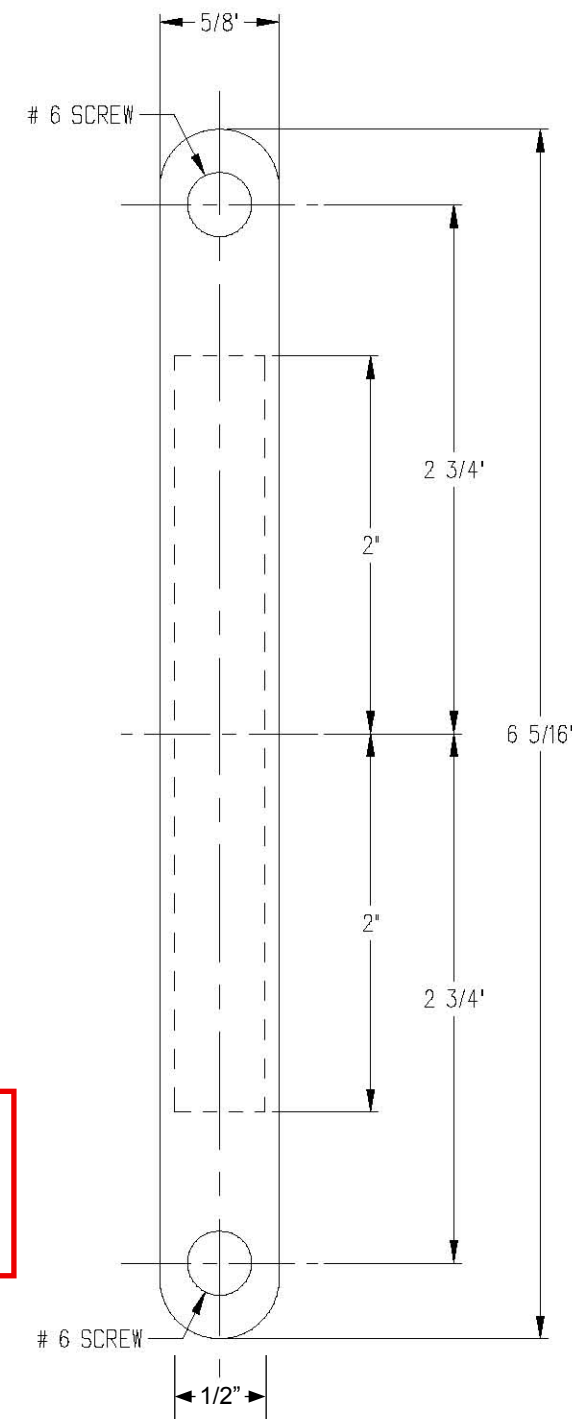


POCKET TRIM

MORTISE TRIM SIDE
1 7/8" DIA. HOLE 7/8"
BELOW LOCK C/L



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



LOCK CASE

MORTISE 1/2" WIDE
X 4" HIGH X 2 3/4" DEEP
POCKET FOR LOCK CASE

LOCK FACEPLATE

5/8" DIA. X 3/32" DEEP
X 6 5/16" HIGH

LOCK STRIKE

3/4" ABOVE LOCK C/L
11/16" DIA. x 3/32" DEEP
X3 9/16" HIGH



CREMONE BOLT INSTALLATION INSTRUCTIONS

1. Draw three very light vertical pencil lines approximately 12" long in the center of the door stile: one about 40" from door threshold, and one each at both the top and bottom of the door.
2. Place the 40" rod in the middle of the center line on the bottom of the door with the hole end up.
3. With the mechanism in the closed position, attach the cremone mechanism with bottom throw arm stud through hole in the rod. With rod and mechanism parallel to the door edge, mark the two bottom screw holes for the mechanism. From these marks measure down $\frac{1}{2}$ " and remark the two bottom screw holes. Place the two bottom screw holes over the new marks and mark the two top screw holes for the mechanism.
4. Place the mechanism at the final markings and measure from the top throw arm up to the top of the door. To this measurement add $\frac{1}{2}$ " – this will be the length of the top rod. Cut the top rod to proper length, leaving the hole end to be used. File the cut edges.
5. Install your two (2) end cremone guides approximately 2 " from both ends of the door.
6. With the mechanism in the opened position, fasten the mechanism to the door, making sure the throw arm studs are through the holes in the rod ends.
7. Fasten the remaining two (2) guides to the door, approximately halfway between each end guide and the mechanism, or wherever you wish on the top and bottom halves of the door.
8. With the door in the closed position, mark the strike positions in the threshold and on the top of the door frame.
9. Drill at least $\frac{1}{2}$ " deep for rods to go into frame and threshold. Mortise in for strikes.
NOTE: Different strikes are available for different applications.
10. Check to make sure rods do not hit frame and threshold when swinging door with mechanism in open position. If so, file the rod ends to prevent scraping of rods.

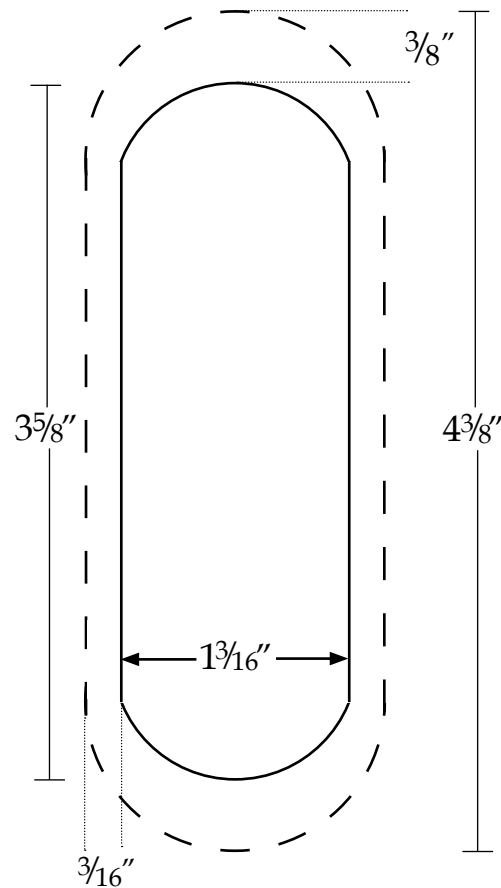
IMPORTANT

To open Omnia's cremone bolts, there is a 90° *upward* rotation of the lever. (Cremones with knobs can be rotated 180° in either direction to open bolts.) Please install the mechanism correctly so the lever is rotated up to open the bolts.

The cremone mechanism is manufactured this way to ensure years of use without the weight of our solid brass levers ever accidentally pulling down on the mechanism, therefore opening these bolts.

INSTALLATION TEMPLATE FOR OMNIA #652 FLUSH CUP

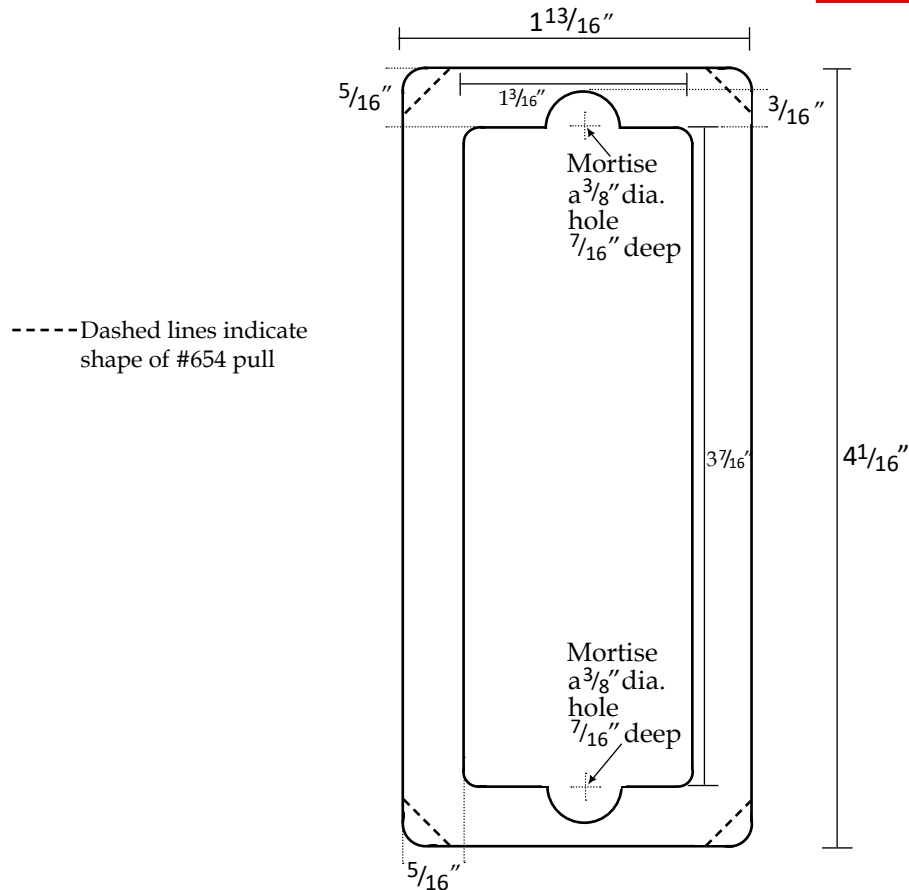
NOTE: Template may not be true-to-size. Please use for reference purposes only. Do NOT drill until measurements are verified.



Mortise $3\frac{5}{8}$ " long x $1\frac{3}{16}$ " wide x $\frac{7}{16}$ " deep

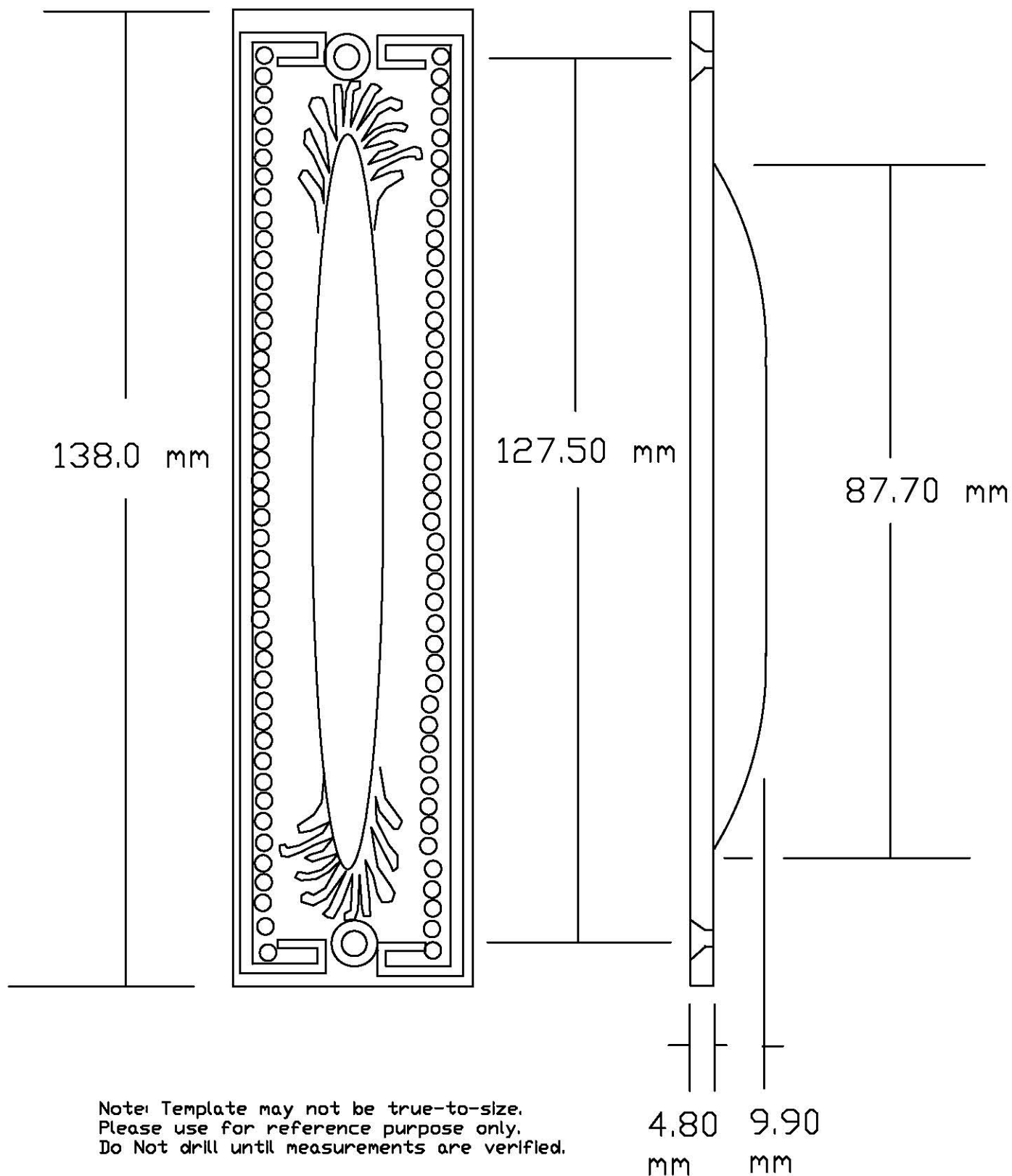
INSTALLATION TEMPLATE FOR OMNIA #653 & #654 FLUSH CUPS

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



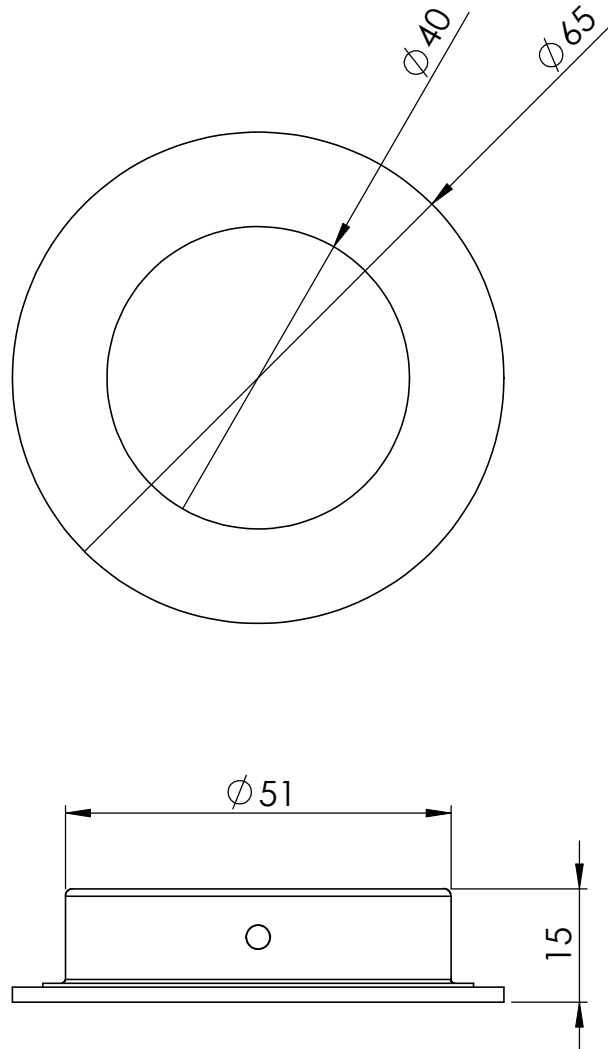
Mortise 3 $\frac{7}{16}$ " long x 1 $\frac{3}{16}$ " wide x $\frac{7}{16}$ " deep.
Use brads provided to attach pull to door
through the holes at both ends inside the recess.

INSTALLATION TEMPLATE FOR OMNIA #4297 FLUSH CUP



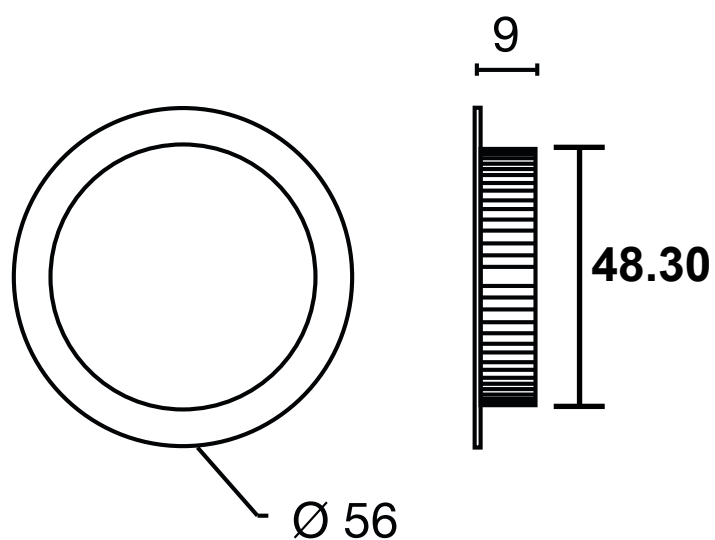
INSTALLATION TEMPLATE FOR OMNIA #7500 CUP PULL

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



INSTALLATION TEMPLATE FOR OMNIA #7503 CUP PULL

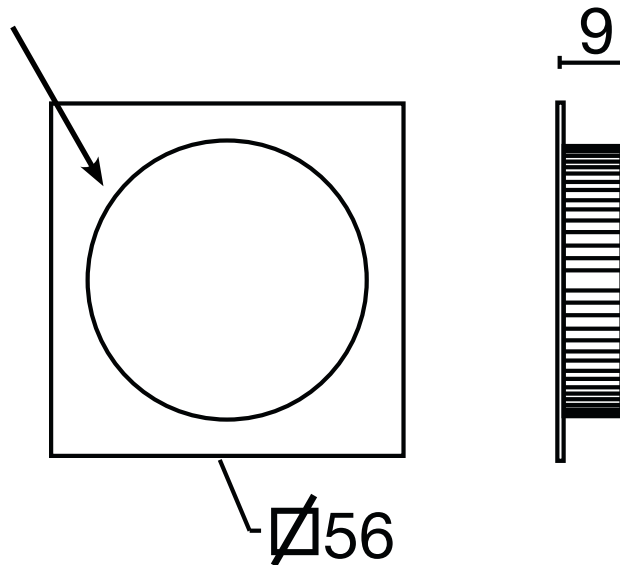
**NOTE: Template may not be true-to-size.
Please use for reference purposes only.
Do NOT drill until measurements are verified.**



INSTALLATION TEMPLATE FOR OMNIA #7504 CUP PULL

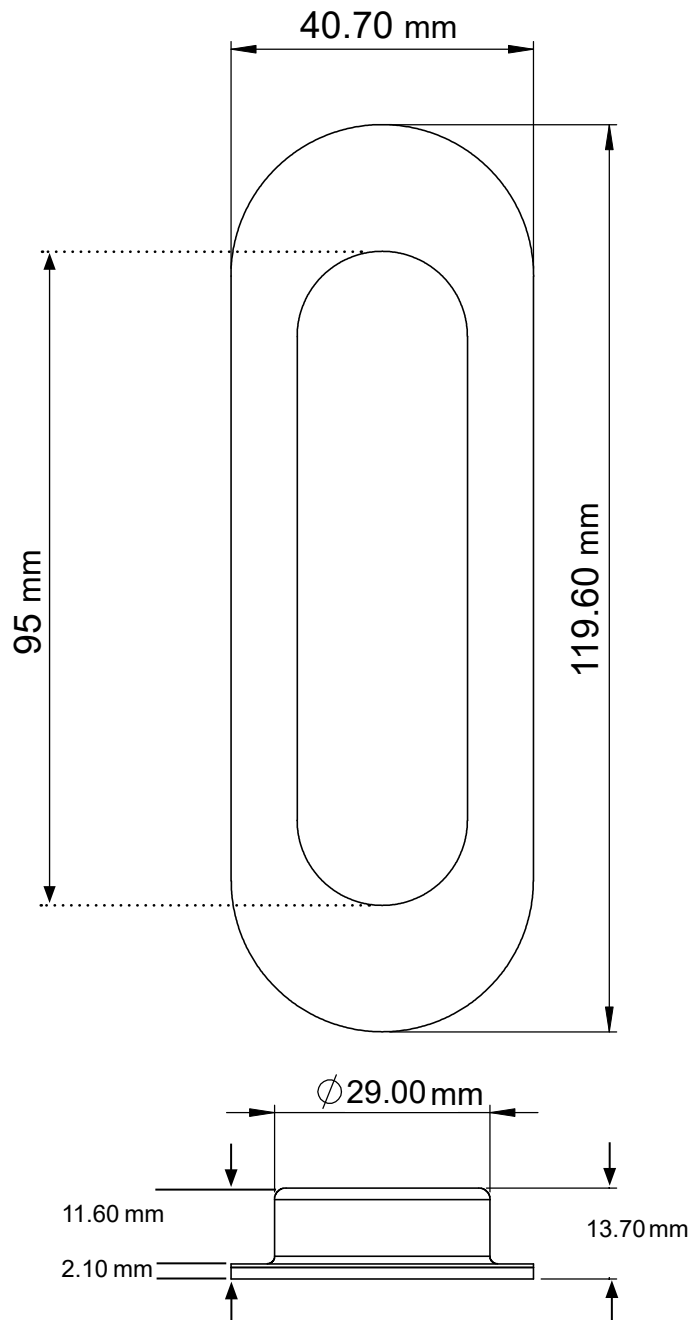
**NOTE: Template may not be true-to-size.
Please use for reference purposes only.
Do NOT drill until measurements are verified.**

48.20 mm dia.



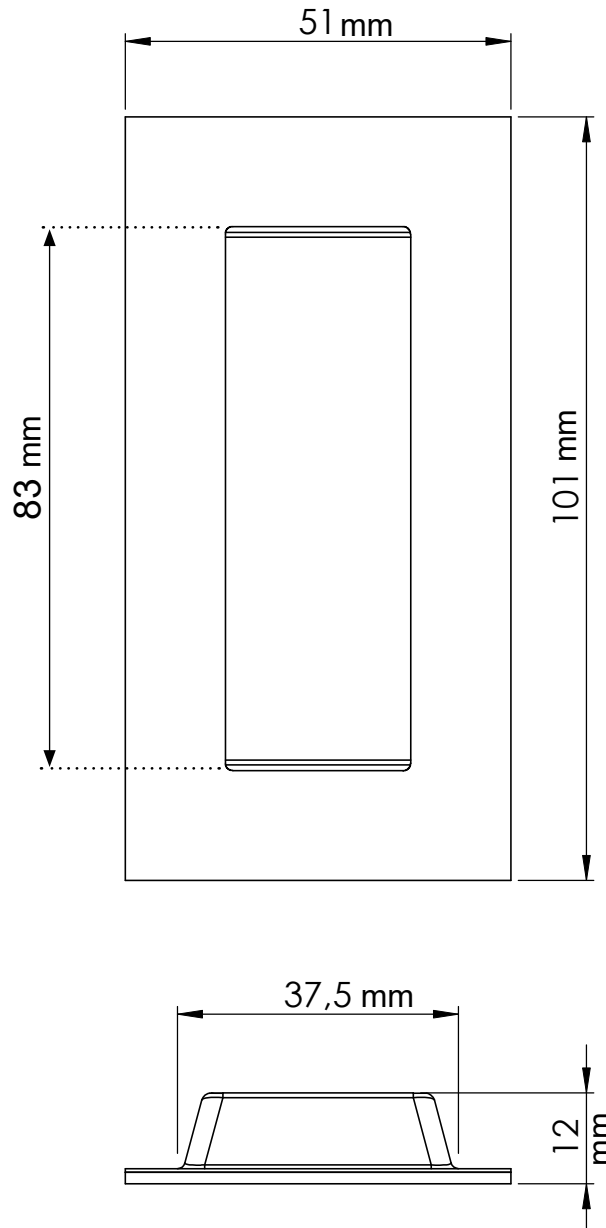
INSTALLATION TEMPLATE FOR OMNIA #7505 FLUSH CUP

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



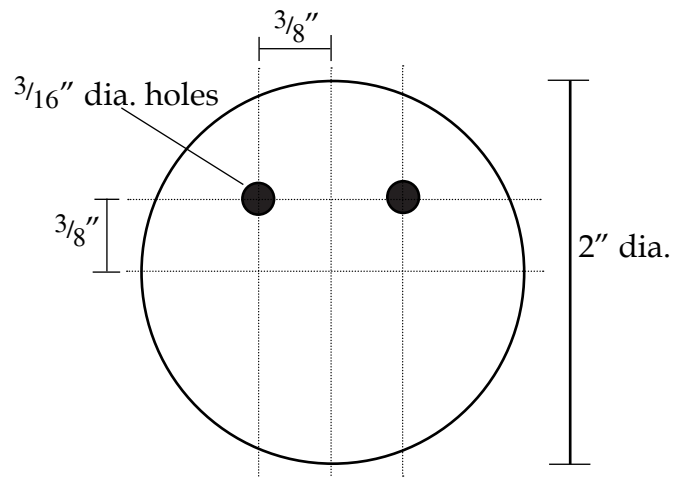
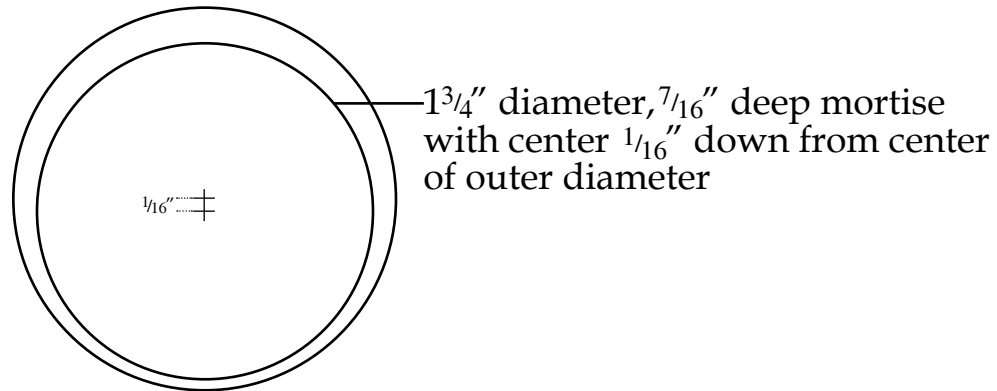
INSTALLATION TEMPLATE FOR OMNIA #7506 FLUSH CUP

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



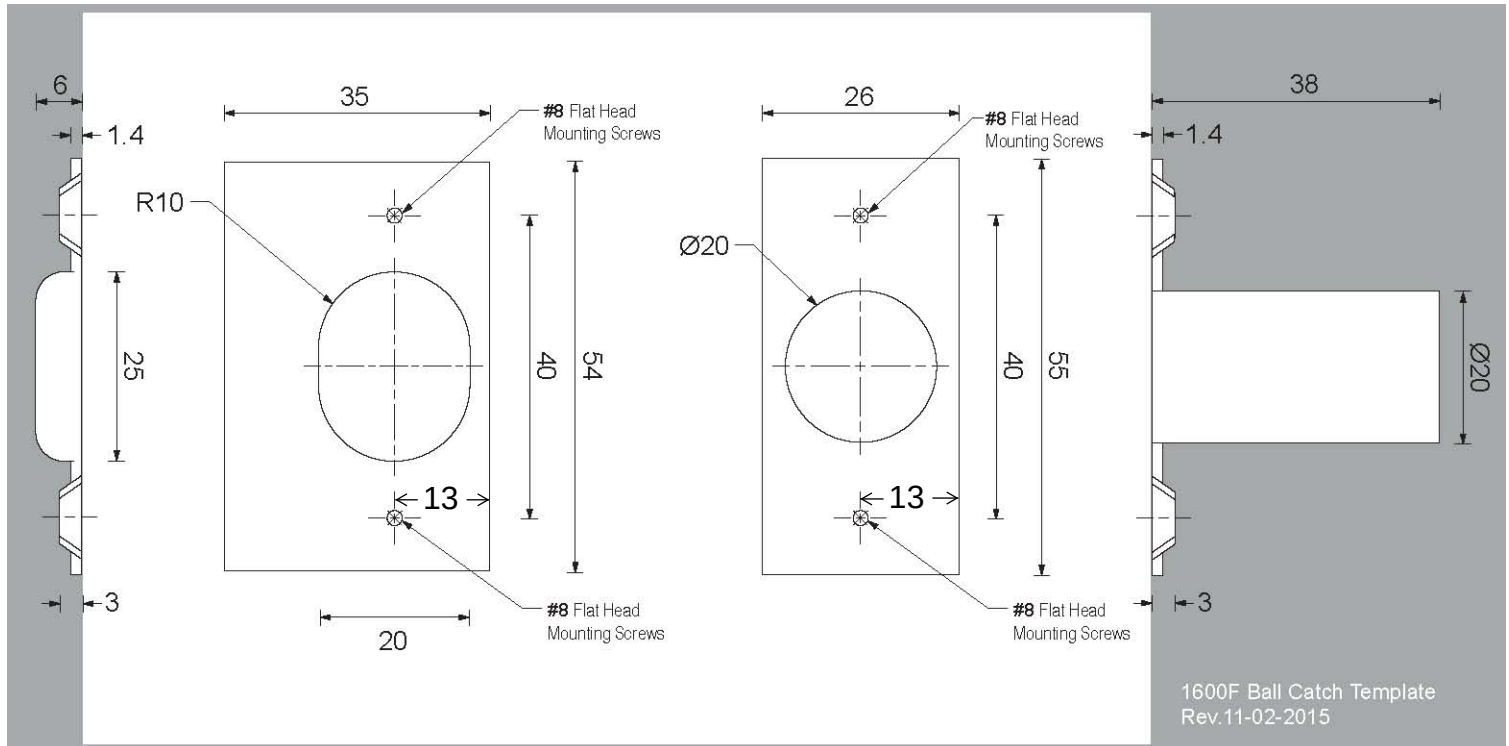
INSTALLATION TEMPLATE FOR OMNIA #9580 DROP RING

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

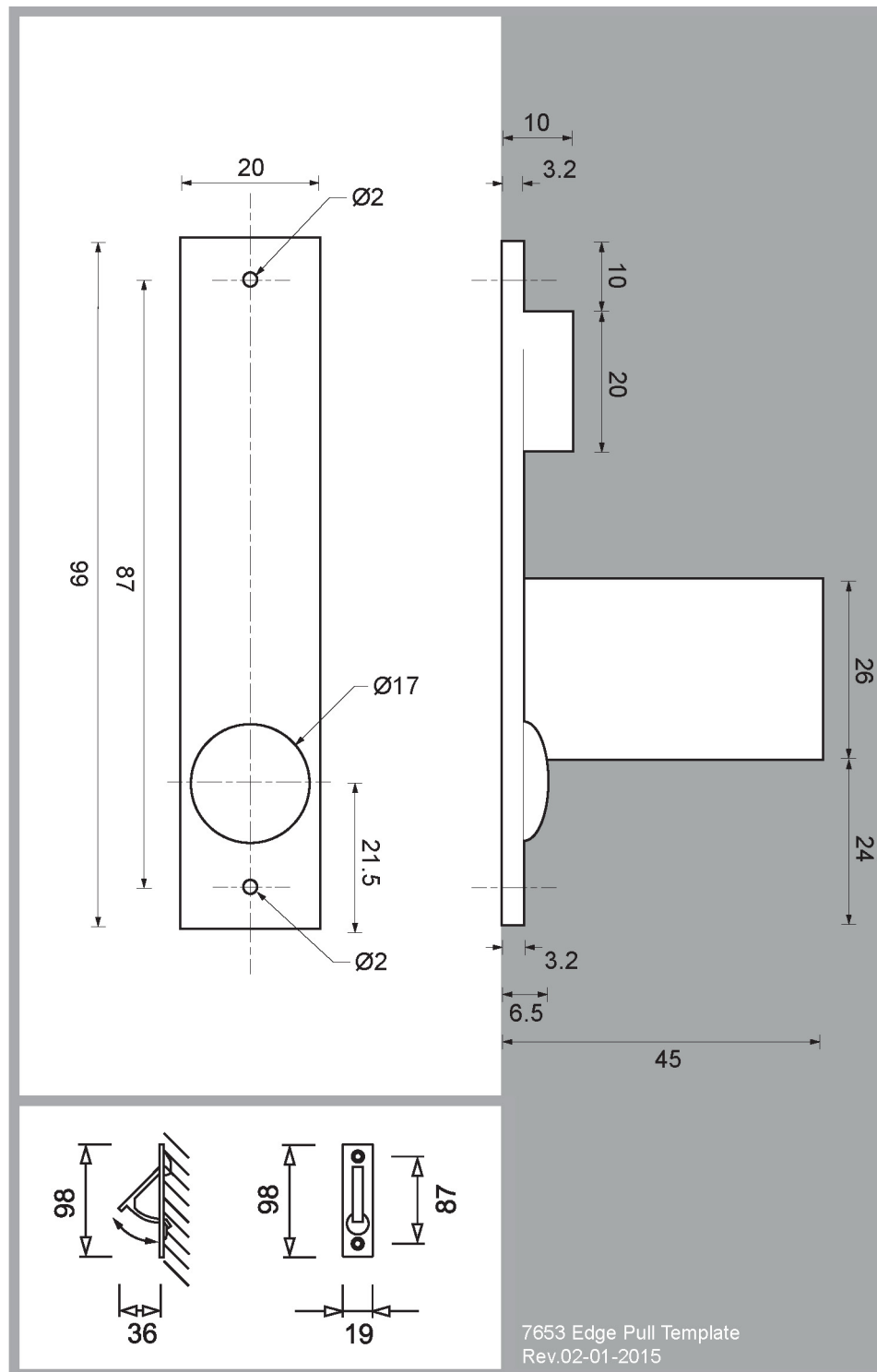


INSTALLATION TEMPLATE FOR OMNIA #1600F BALL CATCH

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



INSTALLATION TEMPLATE FOR OMNIA #7653 DOOR EDGE PULL



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



INDUSTRIES, INC.

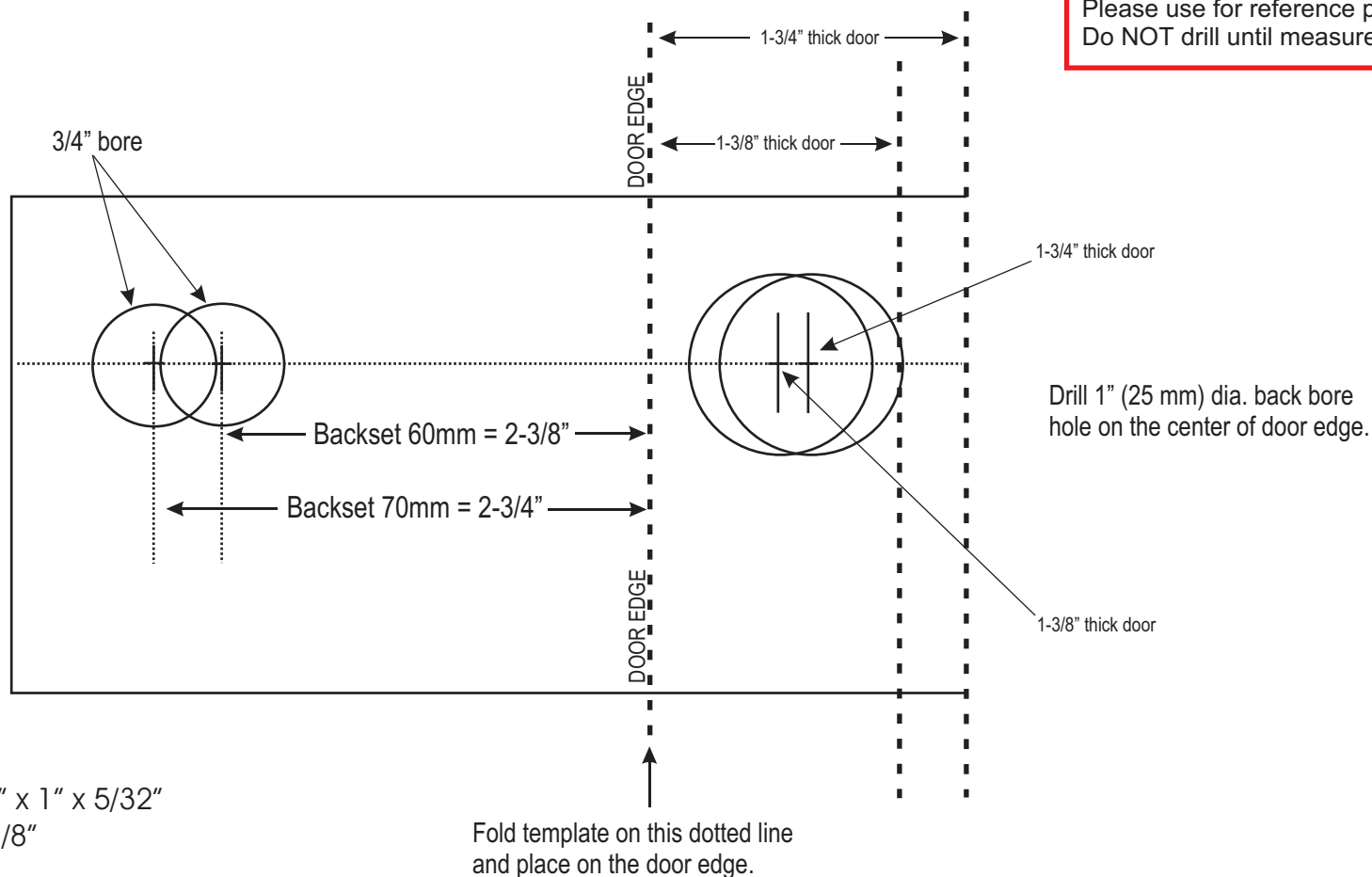
Locksets & Architectural Hardware of Fine Quality

TEMPLATE FOR PRIVACY BOLT

For the following brass privacy bolt sets: **065, 068, 102, 102S, 103, 104, 104CL, 105, 9163**

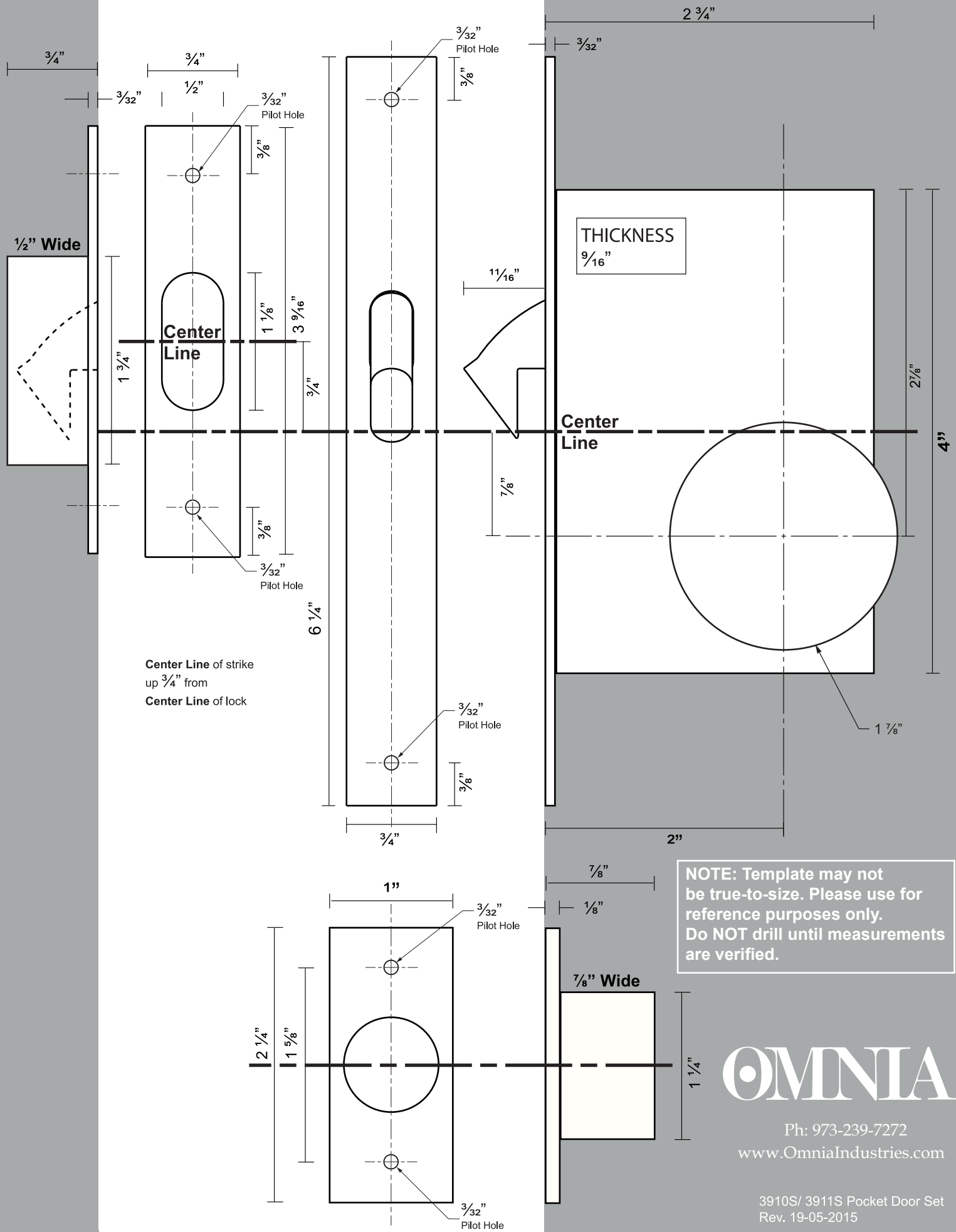
For the following stainless steel privacy bolt sets: **6000, 6001, 6001S**

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



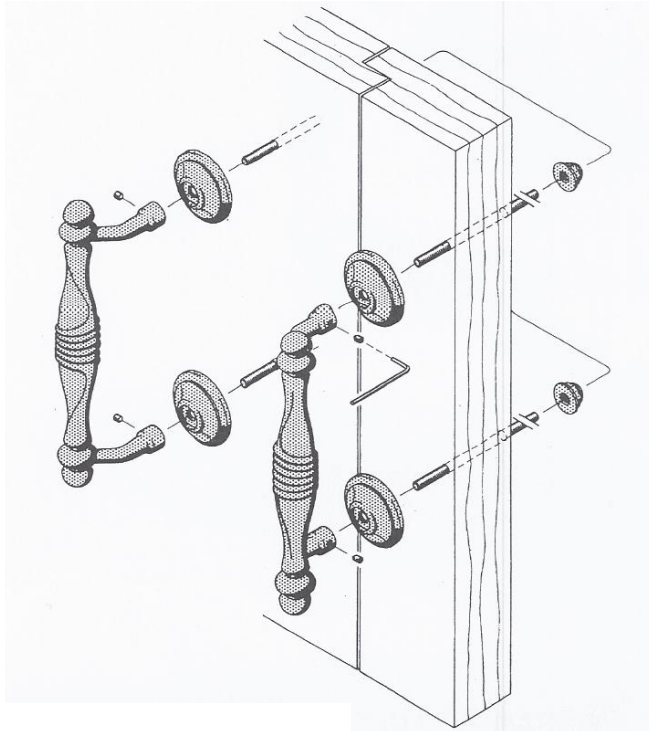
Face Plate: 2-1/4" x 1" x 5/32"

Strike: 2-3/4" x 1-1/8"

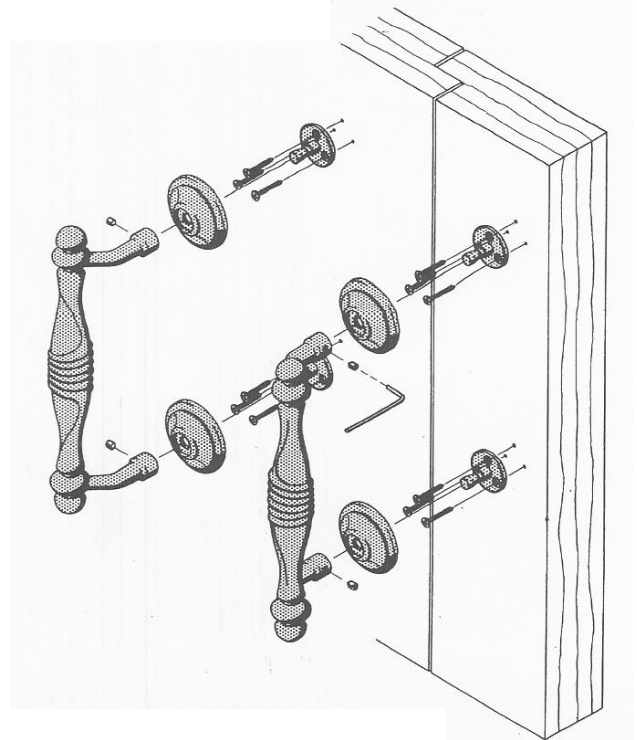


DOOR PULL INSTALLATION DIAGRAMS

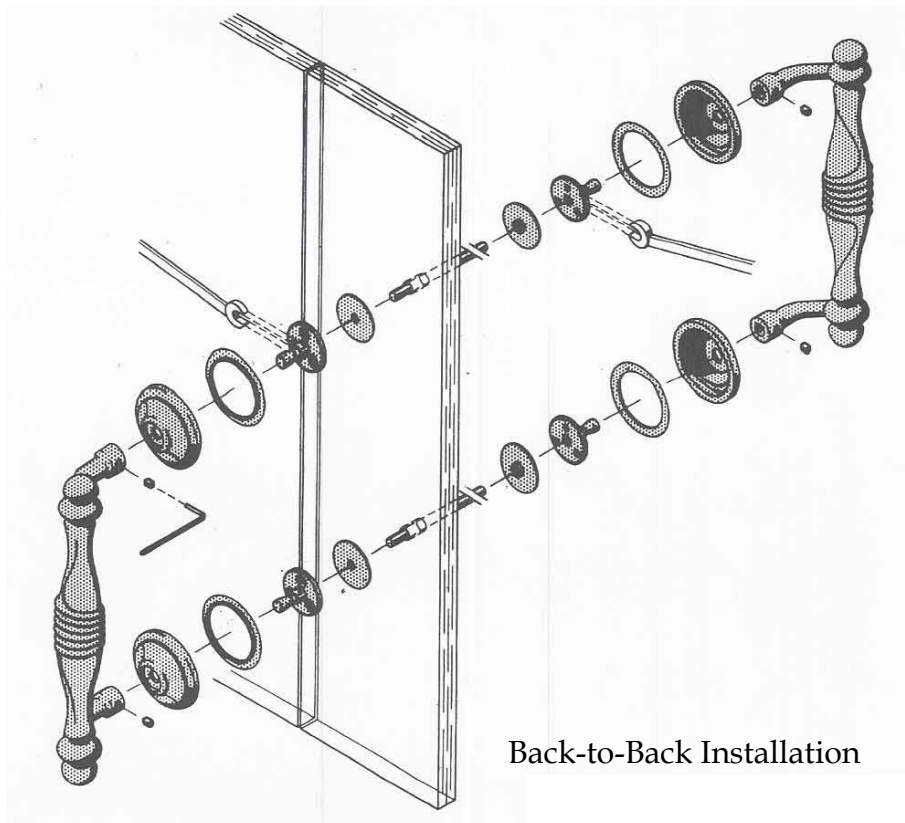
(for 706, 720, 721 & 722 pulls)



Thru-Bolted Installation



Surface Mounted Installation



Back-to-Back Installation