L/LV/LM/LMV9000-Series

Lock Case Dimensions

| Case Size: | 4\(\frac{3}{16}\)" x 6\(\frac{3}{8}\)" x 1" (113 mm x 154 mm x 25 mm) | Knob or Lever to Cylinder: | 3\(\frac{5}{16}\)" (98 mm) |
| Backset: | 2\(\frac{3}{4}\)" (70 mm) | Knob or Lever to Turn Piece: | 2\(\frac{3}{16}\)" (69 mm) |
| Door Range: | 1\(\frac{5}{8}\)" – 2\(\frac{1}{4}\)" (35 mm – 64 mm) | Height Line to Center of Deadbolt: | 3\(\frac{1}{2}\)" (77 mm) |
| Lock Front: | 1\(\frac{1}{4}\)" x 8" x \(\frac{3}{16}\)" (32 mm x 203 mm x 6 mm) Standard | | |
| | | | 1\(\frac{1}{8}\)" x 8" x \(\frac{3}{16}\)" (27 mm x 203 mm x 6 mm) |

**NOTES:**
1. Dimensions are maximum for the product.
2. Templates are not to scale.
3. Standard strike is shown on each template for dimensions only.
4. Dimensions do not provide allowances for door silencers, weather stripping, sound proofing or other additions to door or door frames.

ANSI Standards: L9000-Series locks meet all requirements for installations in doors and frames prepared in accordance with ANSI specifications A156.13, 2012.

**Metal Doors:** Suitable reinforcement is required to support lock case in center of door and to prevent door from compressing when trim is tightened. (See ANSI A115.1)

**Thick Doors:** Locks for non-standard door thickness may require special instructions.

**Lead Lining:** When L9000-Series or L400-Series locks are ordered with lead lining, add \(\frac{1}{4}\)" (3) to the width of the mortise cut-out on the lock case cover side of installation.

**Electrified Locks:** Provisions must be made to route low voltage wire to the lock. Power transfer unit and low voltage wiring are not furnished.

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**Dimensions shown in parentheses () are in millimeters.**

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**DRAWING IS NOT TO SCALE!**
Customer service: 877-671-7011
We can help you find the correct guide for your product and application!
This template should not be used for HSLR trim. Use template L965 for HSLR trim.

For Case and Strike dimensions, see Template L1

*Centerline of Armor Front to Centerline of Latch dimension
L/LV/LM/LMV-Series
Model L9010, L9110, LM9310

Door Type: Metal, flat or beveled
Trim: Rose

This template should not be used for HSLR trim. Use template L966 for HSLR trim.

For Case and Strike dimensions, see Template L1

Left Hand (LH) Door Shown

*Centerline of Armor Front to Centerline of Latch dimension

Dimensions shown in parentheses () are in millimeters.

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Door preparation template L893
PT-Series Mortise
Model PT9040; Rose

Door Type: Wood or Composite, flat or beveled
Door Thickness: 1 ¾” (44 mm)
Faceplate/Armor: Standard: 1 ¼” x 8” x 7/32” (32 mm x 203 mm x 6 mm)
Backset: 2 ¾” (70 mm)

Left Hand (LH) Door Shown

Outside of LH Door

Door Thickness 1.750” (44)

Inside of LH Door

Backset 2.750” (70)

Ø .625” (16)
for Emergency privacy button

#12-24 WMS (M6) x2

Ø .875” (22)
for Olivari Thumbturn
Non-Standard prep

Ø 1.000” (25)

1.719” (44)

.531” (14)

Ø .375” (10)
x2

1.063” (27)

4.000” (102)

5.625” (143)

.531” (14)

1.063” (27)

1.250” (32)

4.000” (102)

4.500” (114)
depth x2

Inside of LH Door

Outside of LH Door

1.250” (32)

4.000” (102)

5.625” (143)

6.500” (165)
depth x2

4.000” (102)

3.750” (95)

4.500” (114)

.375” (10)
x2

Dimensions shown in parentheses () are in millimeters.

DRAWING IS NOT TO SCALE!
Product support: 877-671-7011
We can help you find the correct template for your product and application!
PT-Series Mortise
Model PT9040; Rose

Door Type: Metal, flat or beveled
Door Thickness: 1 ¾” (44 mm)
Faceplate/Armor: Standard: 1 ¼” x 8” x 7/32” (32 mm x 203 mm x 6 mm)
Backset: 2 ¼” (70 mm)

Left Hand (LH) Door Shown

Dimensions shown in parentheses () are in millimeters.

DRAWING IS NOT TO SCALE!
Product support: 877-671-7011
We can help you find the correct template for your product and application!

Door preparation template
47282404
PT-Series Mortise
Model PT9050, PT9453; Rose

Door Type: Wood or Composite, flat or beveled
Door Thickness: 1 ¾” (44 mm)
Faceplate/Armor: Standard: 1 ¼” x 8” x 7/32” (32 mm x 203 mm x 6 mm)
Backset: 2 ¾” (70 mm)

Left Hand (LH) Door Shown

Dimensions shown in parentheses () are in millimeters.
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Product support: 877-671-7011
We can help you find the correct template for your product and application!

Door preparation template
47281338
PT-Series Mortise
Model PT9050, PT9453; Rose

Door Type: Metal, flat or beveled
Door Thickness: 1 ¾” (44 mm)
Faceplate/Armor: Standard: 1 ¼” x 8” x 7/32” (32 mm x 203 mm x 6 mm)
Backset: 2 ¾” (70 mm)

Left Hand (LH) Door Shown

Dimensions shown in parentheses () are in millimeters.

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This template should not be used for HSLR trim. Use template L965 for HSLR trim.

For Case and Strike dimensions, see Template L1
Refer to Template L1 for information to prepare the door for wire routing

**Centerline of Armor Front to Centerline of Latch dimension**
**Additional preparation for L283-721, L283-722, L283-723, L283-724**
L/LV/LM/LMV-Series
Model L/LV9070, L/LV9076, L/LV9080, L/LV9080EL/EU, L9465, LM/LMV9370, LM/LMV9380

Door Type: Metal, flat or beveled
Trim: Rose

This template should not be used for HSLR trim. Use template L966 for HSLR trim.

For Case and Strike dimensions, see Template L1
Refer to Template L1 for information to prepare the door for wire routing

Left Hand (LH) Door Shown

* Centerline of Armor Front to Centerline of Latch dimension
** Additional preparation for L283-721, L283-722, L283-723, L283-724
Door Type: Metal, flat or beveled
Trim: Rose

For Case and Strike dimensions, see Template L1
Refer to Template L1 (revised October 2014 or later) for information to prepare the door for wire routing

This template should not be used for HSLR trim. Use template L966 for HSLR trim.

* Centerline of Armor Front to Centerline of Latch dimension

Dimensions shown in parentheses () are in millimeters.

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DRAWING IS NOT TO SCALE!
Customer service: 877-671-7011
We can help you find the correct guide for your product and application!
This template should not be used for HSLR trim. Use template L965 for HSLR trim.

For Case and Strike dimensions, see Template L1
Refer to Template L1 (revised October 2014 or later) for information to prepare the door for wire routing

Left Hand (LH) Door Shown

* Centerline of Armor Front to Centerline of Latch dimension

Dimensions shown in parentheses () are in millimeters.

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