



Real Security Sets You Free.™

# L-Series

## Commercial Locks



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Real Security Sets You Free.™

## Put Your Trust in the Name You Know

For more than 85 years Schlage® has been providing innovative security solutions for schools, hospitals, hotels, condominiums and a host of other commercial buildings. Today, Schlage is at the forefront of cutting-edge technology such as wireless security products, biometrics and CCTV. With a wide range of products, styles and finishes, Schlage has what you need no matter how demanding your project specifications may be. And we stand behind every lock we make with some of the best after-sales service in the business. It's this commitment to design, performance and technology that ensures you can stand behind our products too.



Real Security Sets You Free.™

## Real Security is Knowing Exactly What You Want and Getting It

When you know exactly what you want, you don't want to waste time finding out whether it meets your project specifications. That's why we offer the world's largest team of hardware specification writers to help you and your clients turn your vision into reality. And when it comes to products, our commercial suiting options, wide variety of lever designs and rich selection of finishes give you the tools you need to make your projects perfect. You know what you want. With Schlage you can be sure you'll get it.

### **Safety, Security and Confidence**

When you choose a Schlage lock you can be sure you've done the job right the first time. After all, our products are among the most durable and dependable on the market today. Our locks are easy to install, and simple to repair and maintain. That means fewer callbacks for you and total safety and security for your customers.



# L-Series Commercial Locks

## **Nothing is tougher.**

At Schlage we know that every product you specify has to stand up to constant use and abuse. Your building's locking systems face an additional challenge – keeping people and other assets safe while delivering constant, reliable performance. Schlage L-Series Extra Heavy Duty Mortise Locks are built to withstand the rigors of daily use without fail.

## **We don't compromise on security.**

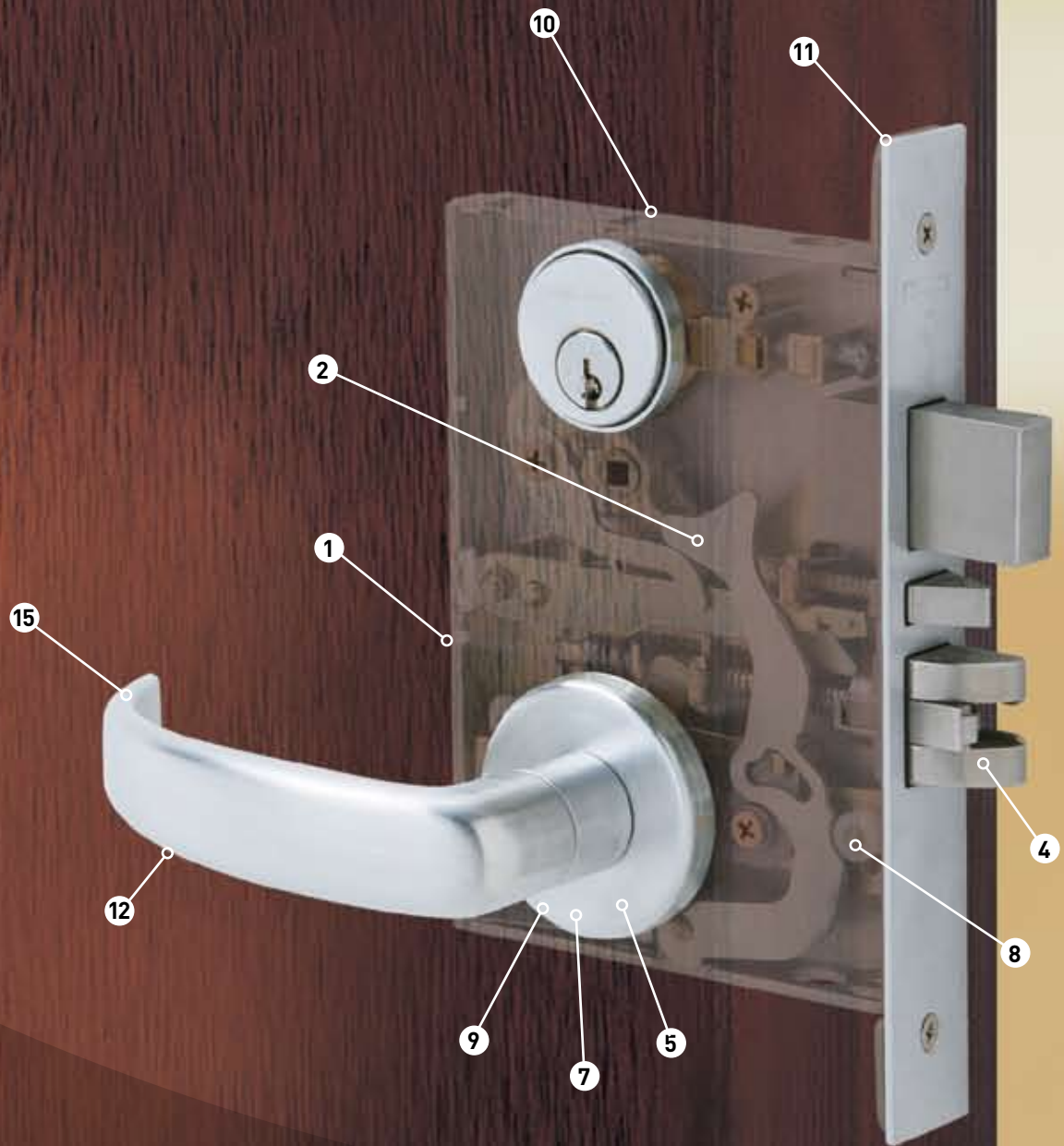
The safety and security of your clients' buildings is something we take very seriously. That's why every Schlage lock and deadbolt undergoes intensive testing to determine its ANSI grade level:

- Cycle tests
- Door impact tests
- Bolt strength tests
- Resistance tests
- Warped door tests

We pay attention to these details so you can focus on creating a functional and aesthetically pleasing environment for your clients. In fact, every one of our L-Series locks meets ANSI Grade 1 standards for safety.



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## Vandlgard®

The L-Series Vandlgard is ideal for areas subject to abuse or anywhere vandalism is likely to be present. Vandlgard prevents damage to internal lock components caused by excessive force from kicking, hitting or standing on the lever to gain access.

It's easy to retrofit standard L-Series locks with Vandlgard using the Vandlgard Retrofit Kit and an instructional DVD that shows installation on existing hardware.

# The Right Lock for Every Application

## Schlage L9000 Series

Our L9000 Series locks are ideal for use in schools, hospitals and factories, where the finest hardware must also deliver consistent, dependable operation and stand up to constant use and abuse.

### Strength and Durability

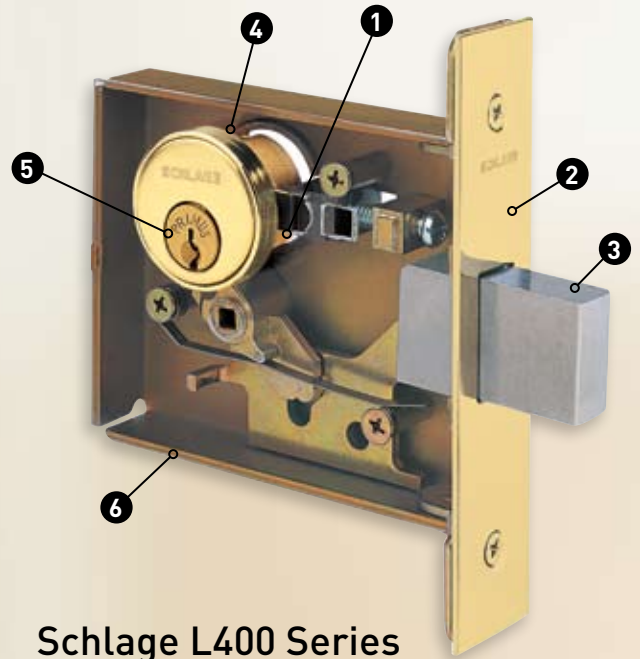
1. Fully wrapped heavy-gauge steel case protects against door edge attacks
2. All-metal zinc dichromate-plated working parts
3. Inside lock case protects electronic components
4. Two-piece anti-friction tongue reduces wear and tear
5. Outside and inside trim thru-bolted together and through the door

### Security Built In

6. Break-away spindle prevents unsecured failures and provides easy spindle replacement
7. Hub blocking plate protects lock against spindle manipulation
8. Spring-loaded fusible link provides fail secure mode in case of fire
9. Inside lever applied by screwless shank mounting – no exposed trim mount screws

### Adaptable To Your Application

10. Universal lock case – ten functions in one case
11. Floating mounting tabs automatically adjust to fit a beveled door edge
12. Field-reversible handing without opening lock case
13. External spring cages allow for simple trim retrofit
14. Locking thumbturn on the inside of door visually shows when the door is locked and unlocked
15. Lever rotation in both directions (up and down) for ease of use
16. Independent lever rotation



## Schlage L400 Series

Our L400 Series locks are designed for use as primary locks where no latching is required, such as restrooms and small doors to utility spaces. They also offer optimum security when used as auxiliary locks in other applications.

1. High-strength steel alloy cylinder retainer
2. Armored front in brass, bronze or stainless steel; adjustable for door bevel
3. 1" (25 mm) stainless steel throw deadbolt
4. Deeper retainer groove in cylinder shell increases security against wrenching and pullout; all cylinders backward compatible
5. 6-pin Everest® cylinder with patented keys standard
6. Steel case and parts are corrosion resistant




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# danmark levers

## **Designed by architects for architects.**

Introducing danmark by Schlage, a sleek, contemporary lever line with a distinctively European influence. Crafted with simplicity and flexibility in mind, danmark levers are pleasing to the eye and the touch, and allow the architect to express his vision down to the very last detail.





## Great ideas deserve danmark.

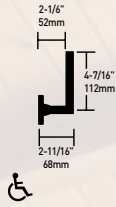
All danmark levers are built using the best materials, like solid stainless steel that easily withstands repeated use. Because they are backed by Schlage, danmark levers can be relied on to provide superior performance and security.

- Constructed of solid stainless steel
- Designed for use with L-Series extra heavy duty mortise locks
- Exceeds ANSI A156.12, 1994, Grade 1 locked lever torque requirements
- All levers available in satin stainless steel finish (630) only

## danmark Lever Designs

615

**Material:** Forged brass and cast stainless steel



621

**Material:** Forged brass and cast stainless steel



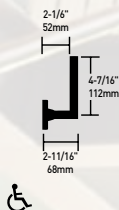
695

**Material:** Forged brass and cast stainless steel



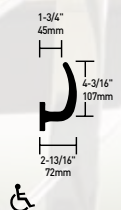
615

**Material:** Forged brass and cast stainless steel



690

**Material:** Forged brass and cast stainless steel



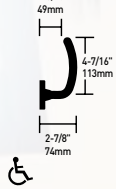
# Finish Key



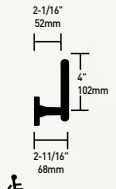
630  
Stainless Steel



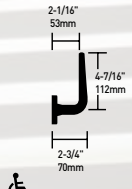
660  
**Material:** Forged brass and cast stainless steel



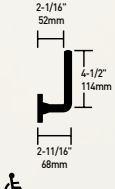
650  
**Material:** Forged brass and cast stainless steel



696  
**Material:** Forged brass and cast stainless steel



640  
**Material:** Forged brass and cast stainless steel



# L-Series Commercial Levers

## High Performance Meets High Style

Bright and brushed finishes in brass, bronze, chromium, stainless steel and more.

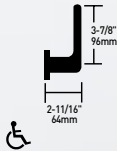
Knobs or levers. Sleek sophistication or classic elegance. The L-Series collection offers the choices you need – and a few that might surprise you.

### Lever Designs and Finishes



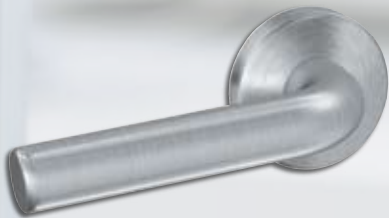
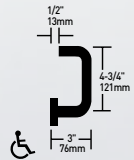
01

**Material:** Forged brass and cast stainless steel  
**Finishes:** 605, 606, 609, 610, 619, 625, 626, 629, 630



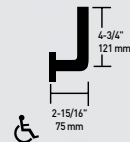
03

**Material:** Forged brass, bronze and cast stainless steel  
**Finishes:** 605, 606, 609, 610, 611, 612, 613, 616, 619, 625, 626, 629, 630



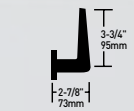
02

**Material:** Forged brass and cast stainless steel  
**Finishes:** 605, 606, 609, 610, 619, 625, 626, 629, 630



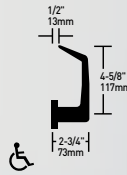
05

**Material:** Forged brass, bronze and cast stainless steel  
**Finishes:** 605, 606, 609, 610, 619, 625, 626, 629, 630





**06**  
**Material:** Forged brass, bronze and cast stainless steel **Finishes:** 605, 606, 609, 610, 611, 612, 613, 616, 619, 625, 626, 629, 630



**07**  
**Material:** Forged brass, bronze and cast stainless steel **Finishes:** 605, 606, 609, 610, 611, 612, 613, 616, 619, 625, 626, 629, 630



**12**  
**Materials:** Forged brass, bronze and cast stainless steel **Finishes:** 605, 606, 609, 610, 611, 612, 613, 616, 619, 625, 626, 629, 630 Specify door hand



## Finish Key



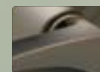
605  
Bright Brass



606  
Satin Brass



609  
Antique Brass



610  
Bright Brass, Blackened



611  
Bright Bronze



612  
Satin Bronze



613  
Oil Rubbed Bronze



616  
Antique Bronze



619  
Satin Nickel



625  
Bright Chromium Plated



626  
Satin Chromium Plated



629  
Bright Stainless Steel



630  
Satin Stainless Steel

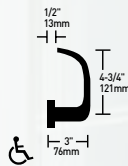
## Lever Designs and Finishes



17

**Material:** Forged brass, bronze and cast stainless steel

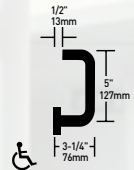
**Finishes:** 605, 606, 609, 610, 611, 612, 613, 616, 619, 625, 626, 629, 630



93

**Material:** Extruded brass, bronze or stainless steel

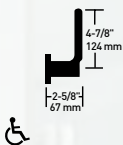
**Finishes:** 605, 606, 609, 610, 611, 612, 613, 616, 619, 625, 626, 629, 630



18

**Material:** Forged brass, bronze and cast stainless steel

**Finishes:** 605, 606, 609, 610, 619, 625, 626, 629, 630



Omega

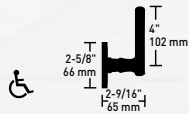
**Material:** Forged brass, bronze and cast stainless steel

**Finishes:** 605, 606, 609, 610, 613, 619, 625, 626, 629, 630

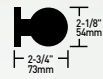




ASTI  
**Material:**  
 Solid forged brass  
**Finishes:** 605, 606,  
 609, 610, 611, 619,  
 625, 626



41 (D Orbit)  
**Material:** Heavy wrought  
 bronze, or stainless steel  
**Finishes:** 605, 606, 612, 613,  
 625, 626, 629, 630



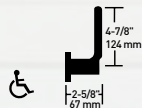
Merano  
**Material:**  
 Solid forged brass  
**Finishes:** 605, 606,  
 609, 610, 611, 619,  
 625, 626



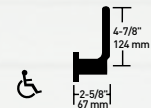
42 (D Plymouth)  
**Material:** Heavy wrought,  
 bronze, or stainless steel  
**Finishes:** 605, 606, 612, 613,  
 625, 626, 629, 630



St. Annes  
**Material:** Solid  
 forged brass  
**Finishes:** 619, 626



Accent  
**Material:** Solid  
 forged brass  
**Finishes:** 619, 626



# Schlage Commercial Lever Suites

Whether you're choosing a lock system for a perimeter entry or common area, or handle sets for interior use, our Commercial Lever Suites let you create exactly the environment you want, while meeting strict standards for safety, security and performance.

## Commercial Suites



L06



ND Rhodes



AL Saturn



S Saturn



F Elan



L17



ND Sparta



AL Neptune



S Neptune



L07



ND Athens



AL Jupiter



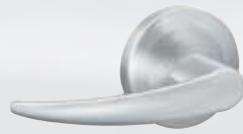
S Jupiter



F Jazz



L Omega



ND Omega



AL Omega



L03



ND Tubular



## Multi-Family/Hospitality Suites



L12



F Manhattan



L Merano



FA Merano



L Accent



F Accent



L Asti



S Flair



F Flair



L St. Annes



FA St. Annes

## Finish Key



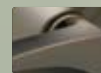
605  
Bright Brass



606  
Satin Brass



609  
Antique Brass



610  
Bright Brass, Blackened



611  
Bright Bronze



612  
Satin Bronze



613  
Oil Rubbed Bronze



616  
Antique Bronze



619  
Satin Nickel



625  
Bright Chromium Plated



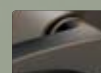
626  
Satin Chromium Plated



629  
Bright Stainless Steel



630  
Satin Stainless Steel



716  
Aged Bronze

# Escutcheons and Roses

Choose from three types of escutcheon and four rose sizes to add tough, durable performance to your lockset.

## Escutcheons



L Full Face

**Material:** Cold-forged brass, bronze or stainless steel  
**Finishes:** 605, 606, 612, 613, 619, 625, 626, 629, 630  
**Size:** 8" x 1 3/4" x 7/16"  
 (203 mm x 44 mm x 11mm)



L Concealed

**Material:** Cold-forged brass, bronze or stainless steel  
**Finishes:** 605, 606, 612, 613, 619, 625, 626, 629, 630  
**Size:** 8" x 1 3/4" x 7/16" (203 mm x 44 mm x 11 mm)



N Escutcheon

**Material:** Heavy wrought reinforced brass, bronze or stainless steel  
**Finishes:** 605, 606, 612, 613, 619, 625, 626, 629, 630  
**Size:** 8" x 2 9/16" x 7/16"  
 (203 mm x 65 mm x 11 mm)



## Roses



A Wrought Rose  
 2 1/8" (54 mm) diameter  
 Available for use on L-Series knob and lever designs.  
 Order by letter designation corresponding to the design and diameter desired.



B Wrought Rose  
 2 9/16" (65 mm) diameter  
 Available for use on L-Series knob and lever designs.  
 Order by letter designation corresponding to the design and diameter desired.



Avanti (AVA)  
 2 5/8" (67 mm) diameter  
 Available for use on L-Series knob and lever designs.  
 Order by letter designation corresponding to the design and diameter desired.



Merano (MER)  
 2 5/8" (67 mm) diameter  
 Available for use on L-Series knob and lever designs.  
 Order by letter designation corresponding to the design and diameter desired.

# Trim Options

Choose from three variations of thumbturn locks that help you meet the demands of specialized commercial projects.



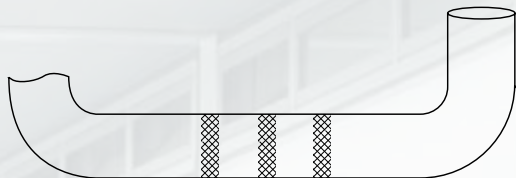
**Hotel Occupancy Indicator**  
09-611  
For lock function L9486P, L9496, this unit can be used with A or B roses. Requires a 13/8" (35 mm) cylinder for 13/4" (44 mm) doors. Specify finish when ordering separately.



**Optional EZ Turn**  
L583-363  
Available for rose and escutcheon trim. Disability turn (ADA) option to standard thumbturn. Can be used with thumbturn-function L-Series lock except L9463 and L463. Specify lock per L583-363 when ordering.



**Coin Turn**  
For lock functions L9044 and L9444 with rose trim. Specify 09-509 and finish per L283-124 when ordering.



03 Lever Shown

## Tactile Warning (Knurling)

Schlage L-Series commercial levers feature knurling only on the outside lever unless otherwise specified. This feature is available on lever models 01, 02, 03, 05, 06, 07, 12, 17, 18, and 93, and knob models 41 and 42.

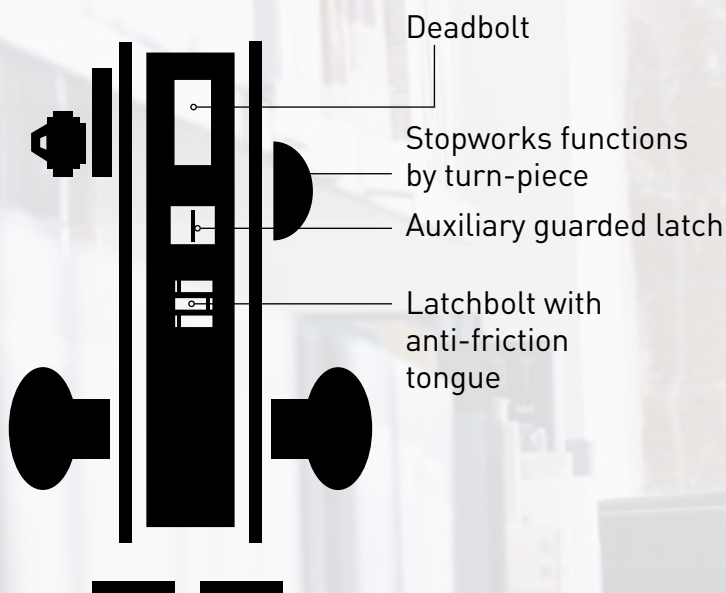
**Products featuring a knurled surface will be indicated by adding the prefix "8" to the model number. For example, L905P 803/03A.**

Tactile warning is applied to outside knob or lever only unless otherwise specified.

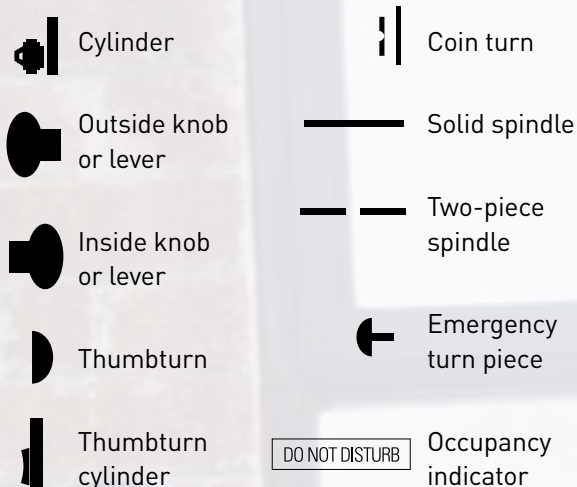
Tactile warning is not available on stainless steel knobs 41 and 42; finish codes 629 and 630.

# Lock Functions

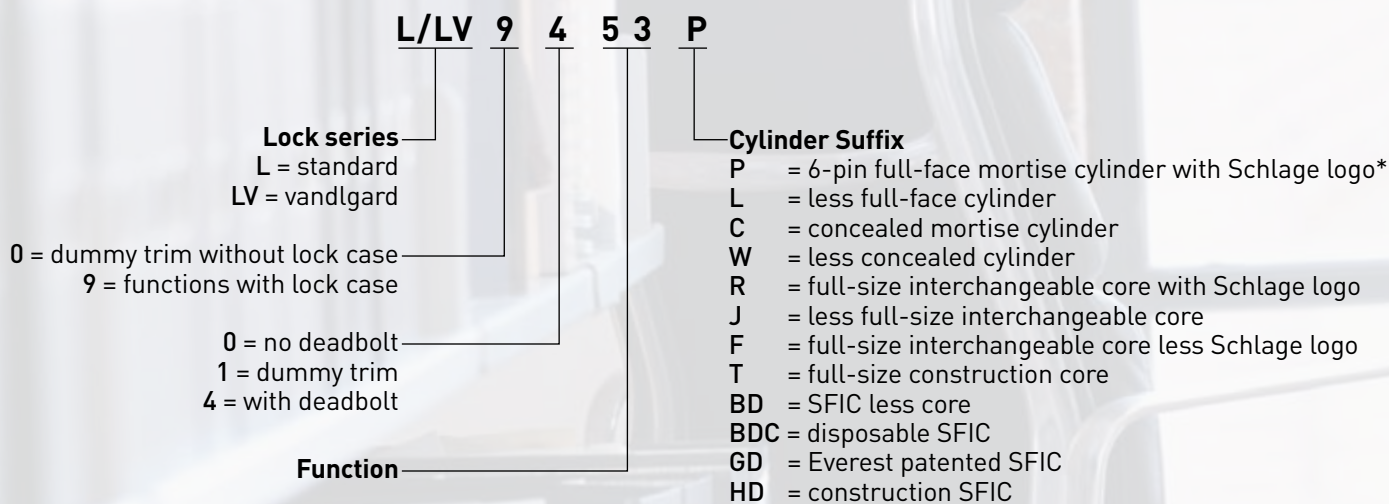
## Lock Components



## Symbol Key



## Product Identification Guide



SFIC = Small Format (Best® style) Interchangeable Core

To order less Schlage logo, specify lock "with K510-612 faceplate."

LV = Vandlgard® function allows exterior lever to rotate freely down while remaining securely locked.

\*In a double-door application where the dummy will be used as the strike order 10-091 Armored Front Strike separately.

## Lock Functions | ANSI A156.13, Series 1000

**Schlage**      **ANSI**



**L9010**      **F01**  
**Passage Latch**

Latchbolt retracted by knob/lever from either side at all times. Inside lever is always free for immediate egress.



**L9040**      **F22**  
**LV9040**  
**Bath/Bedroom Privacy Lock**

Lock Latchbolt retracted by knob/lever from either side unless outside is locked by inside thumbturn. Turning inside knob/lever or closing door unlocks outside knob/lever. To unlock from outside, remove emergency button, insert emergency thumbturn (furnished) in access hole and rotate. Inside lever is always free for immediate egress..



**L9044**  
**LV9044**  
**Privacy With Coin Turn Outside**

Latchbolt retracted by knob/lever from either side unless outside is locked by inside thumbturn or outside coin turn. Operating inside knob/lever, closing door, rotating inside thumbturn or rotating outside coin turn unlocks outside knob/lever. Specify per L283-056 for Torx® screws. Available with rose trim only. (Previously XL11-868)



**L9440**  
**LV9440**      **F19**  
**Privacy With Deadbolt**

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by inside thumbturn. Throwing deadbolt locks outside knob/lever. Rotating inside knob/lever simultaneously retracts deadbolt and latchbolt, and unlocks outside knob/lever. To unlock from outside, remove emergency button, insert emergency thumbturn in access hole and rotate. Inside lever is always free for immediate egress. (Previously XL11-761)

**Schlage**      **ANSI**



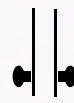
**L9444**  
**LV9444**  
**Privacy with Deadbolt and Coin Turn Outside**

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by inside thumbturn or outside coin turn. Throwing deadbolt locks outside knob/lever. Rotating inside knob/lever simultaneously retracts deadbolt and latchbolt, and unlocks outside knob/lever. Rotating outside coin turn retracts deadbolt and unlocks outside knob/lever. Specify per L283-056 for Torx screws. Available with rose trim only. Inside lever is always free for immediate egress. (Previously XL11-868)



**L0170**  
**Half Dummy Trim**

Knob/lever on one side fixed by mounting bar.



**L0172**  
**Full Dummy Trim**

Knob/lever on both sides fixed by mounting bar.



**L9175**  
**Half Dummy Trim with Lock Case**

Fixed knob/lever on one side inoperable. Includes lock case and armored front. Options same as L9176 below.



**L9176**  
**Full Dummy Trim with Lock Case**

Fixed knob/lever on both sides. Includes lock case and blank armor front. May be ordered with optional XL11-743 armored front with cutout to receive deadbolt.

## Lock Functions | Single Cylinder Non-Deadbolt Functions

**Schlage**      **ANSI**

**L9050**      **F04**  
**LV9050**  
**Office and Inner Entry Lock**  
 Latchbolt retracted by knob/lever from either side unless outside is made inoperative by key outside or by turning inside thumbturn. When outside is locked, latchbolt is retracted by key outside or by knob/lever inside. Outside knob/lever remains locked until thumbturn is returned to vertical or unlocked by key. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.

**L9056**  
**LV9056**  
**L9050 with Automatic Unlocking**  
 Latchbolt retracted by knob/lever from either side unless outside is made inoperative by key outside or by rotating inside thumbturn. Outside knob/lever unlocked by key outside or thumbturn. Rotating inside knob/lever simultaneously retracts latchbolt and unlocks outside knob/lever. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress. (Previously XL11-776)

**L9070**      **F05**  
**LV9070**  
**Classroom Lock**  
 Latchbolt retracted by knob/lever from either side unless outside is locked by key. Unlocked from outside by key. Inside knob/lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.

**L9076**      **F06**  
**LV9076**  
**Classroom Holdback Lock**  
 Latchbolt retracted by knob/lever from either side unless outside is locked by key. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Depress inside knob/lever and turn key 360° for holdback feature. Inside lever is always free for immediate egress.

**L9080**      **F07**  
**LV9080**  
**Storeroom Lock**  
 Latchbolt retracted by key outside or by knob/lever inside. Outside knob/lever always inoperative. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.

**L9080EL**  
**LV9080EL**  
**Electrically Locked (Fail Safe)**  
 Outside knob/lever continuously locked by 24VAC or DC. Latchbolt retracted by key outside or by knob/lever inside. Switch or power failure allows outside knob/lever to retract latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. Inside knob/lever always free for immediate exit. Inside lever is always free for immediate egress.

**Schlage**      **ANSI**

**L9080EU**  
**LV9080EU**  
**Electrically Unlocked (Fail Secure)**  
 Outside knob/lever unlocked by 24VAC or DC. Latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside knob/lever always free for immediate exit. Inside lever is always free for immediate egress.

**L9080EL-RX**  
**L9080EU-RX**  
**Request to Exit (RX) Electrified Lock**  
 Same as L9080EL and L9080EU functions. In addition, a micro switch positioned inside the lock case monitors the retractor crank, and is actuated when rotation of the inside or outside knob/lever rotates the retractor hub. The switch signals the use of that opening to security systems, allowing a non-disruptive means of immediate egress. Specify per L283-059 for normally closed contacts (default). Specify L283-125 for normally open contacts. Inside lever is always free for immediate egress. (Previously XL11-807)

## Lock Functions | Single Cylinder Deadbolt Functions

**Schlage**      **ANSI**



**L9453**  
**LV9453**  
**Entrance Lock**

Latchbolt retracted by knob/lever from either side unless outside is locked by 20° rotation of thumbturn. Deadbolt thrown or retracted by 90° rotation of thumbturn. When locked, key outside or knob/lever inside retracts deadbolt and latchbolt simultaneously. Outside knob/lever remains locked until thumbturn is restored to vertical position. Throwing deadbolt automatically locks outside knob/lever. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.



**L9456**  
**LV9456**  
**Corridor Lock**

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key outside or inside thumbturn. Throwing deadbolt locks outside knob/lever. Turning inside knob/lever simultaneously retracts deadbolt and latchbolt and unlocks outside knob/lever. Inside lever is always free for immediate egress.



**L9465**  
**Closet/Storeroom Lock**

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key outside.



**L9473**      **F21**  
**Dormitory/Bedroom Lock**

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key outside or thumbturn inside.



**L9480**  
**LV9480**  
**Storeroom Lock With Deadbolt**

Latchbolt retracted by key outside or by lever or knob inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by key outside or thumbturn inside. Turning inside knob/lever simultaneously retracts both deadbolt and latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress. (Previously XL11-591)



**L9485**  
**LV9485**  
**Prison Function Lock**

Latch retracted by key outside or knob inside. Outside knob always free spinning. Deadbolt only thrown or retracted by guard's key. Inside knob becomes fixed when deadbolt is thrown. Prisoner's key only retracts latchbolt. Furnished standard with tamper resistant Torx® screws. Specify per XL11-557.

**Schlage**      **ANSI**



**L9485**  
**LV9485**  
**Hotel or Restroom Lock**

Latchbolt retracted by key outside or by knob/lever inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by inside thumbturn. When deadbolt is thrown, all keys become inoperative except emergency or display keys. Turning inside knob/lever retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.



**L9486**      **F15**  
**LV9486**  
**Hotel or Restroom Lock with "Do Not Disturb" Indicator**

Latchbolt retracted by key outside or by knob/lever inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by inside thumbturn. When deadbolt is thrown, "DO NOT DISTURB" plate is displayed. All keys become inoperative except emergency or display keys. Turning inside knob/lever retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.



**L9486 x L583-375**  
**LV9486 x L583-375**  
**L9486 with "Occupied" Indicator**

Latchbolt retracted by key outside or by knob/lever inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by inside thumbturn. When deadbolt is thrown, "OCCUPIED" plate is displayed and all keys become inoperative except emergency keys. Turning inside knob/lever simultaneously retracts both deadbolt and latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. (Previously XL11-580) Inside lever is always free for immediate egress.



**L9496**  
**Privacy with "Occupied" Indicator**

Knob/lever retracts latchbolt from either side. Deadbolt thrown or retracted by key outside (retraction by key required in the event of an emergency) or inside thumbturn. Throwing deadbolt locks outside knob/lever and displays "OCCUPIED" plate. Rotating inside knob/lever simultaneously retracts both deadbolt and latchbolt and unlocks outside knob/lever. Inside lever is always free for immediate egress. (Previously XL11-885)

## Lock Functions | Double Cylinder Non-Deadbolt Functions

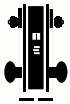
Schlage      ANSI



**L9060**  
**LV9060**

### Apartment Entrance Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from inside. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.



**L9071**  
**LV9071**

### Classroom Security Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from either side. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is locked. Inside lever is always free for immediate egress.



**L9077**  
**LV9077**

### Classroom Security Holdback Lock

Latchbolt retracted by knob/lever from either side unless outside is locked by key from either side. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is locked. Depress inside knob/lever and turn key 360° for holdback feature. Inside lever is always free for immediate egress.



**L9082**      **F30**  
**LV9082**

### Institution Lock\*

Latchbolt retracted by key from either side. Knob/lever on both sides always inoperative. Auxiliary latch deadlocks latchbolt when door is closed.



**L9082EL**  
**L9082EU**  
**L9082 Electrically Locked or Electrically Unlocked Both Sides\***

EEL: Outside and inside knob or lever continually locked electrically. Latchbolt retracted by key either side. Switch or power failure allows outside and inside knob/lever to retract latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. EU: Outside and inside knob/lever unlocked electrically. Latchbolt retracted by key either side. Switch or power failure keeps inside and outside knob/lever locked. Auxiliary latch deadlocks latchbolt when door is closed. (Previously XL11-452)

## Lock Functions | Double Cylinder Deadbolt Functions

Schlage      ANSI



**L9457**  
**LV9457**

### Classroom Security Lock

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key from either side. Throwing deadbolt locks outside knob/lever. Turning inside knob/lever simultaneously retracts deadbolt and latchbolt and unlocks outside knob/lever. Inside lever is always free for immediate egress.



**L9466**      **F14**  
**Store/Utility Room Lock\***

Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key from either side.



**L9482**  
**LV9482**  
**Institution Lock with Deadbolt\***

Latchbolt retracted by key from either side. Knob/lever on both sides always inoperative. Deadbolt thrown or retracted by key either side. Auxiliary latch deadlocks latchbolt when door is closed. Specify per XL11-543.

## Lock Functions | Full Mortise Deadlocks

Schlage      ANSI



**L9460**      **F17**  
**Cylinder x Thumbturn Lock**

Deadbolt thrown or retracted by key outside or thumbturn inside.



**L9462**      **F16**  
**Double Cylinder Lock\***  
Deadbolt operated by key from either side.



**L9463**  
**Classroom Lock**  
Deadbolt thrown or retracted by key from outside. Inside thumbturn cylinder retracts deadbolt, but cannot project it.



**L9464**      **F18**  
**Cylinder Lock**  
Deadbolt thrown or retracted by key from one side. No trim on opposite side.



## Lock Functions | Full Mortise Deadlocks Cont.

Schlage      ANSI



**L9460 x XL11-635  
L9460 with Pull**  
Knob/lever both sides fixed. Deadbolt thrown or retracted by key outside or thumbturn inside.



**L9460 x XL11-886  
Single Cylinder Deadlock with Pull**  
Deadbolt thrown or retracted by key outside or thumbturn inside. No latch, but inside knob or lever is spring-loaded. Rotating inside knob/lever also retracts deadbolt. Fixed outside knob/lever.



**L9462 x XL11-886  
Double Cylinder Deadlock with Pull**  
Deadbolt thrown or retracted by key from either side. No latch, but inside knob/lever is spring-loaded. Rotating inside knob/lever also retracts deadbolt. Fixed outside knob/lever.



**L9464 x XL11-886  
Deadlock with Pull**  
Deadbolt thrown or retracted by key from one side. No latch, but inside knob/lever is spring-loaded. Rotating inside knob/lever also retracts deadbolt. Fixed outside knob/lever.

## Special Functions



**L9040  
LV9040  
Privacy With Turns Both Sides**  
Latchbolt retracted by knob/lever from either side unless outside is locked by inside or outside thumbturn. Operating inside knob/lever, closing door or rotating either thumbturn unlocks outside knob/lever. Specify per XL11-446.



**L9110 x XL11-741  
Full Dummy Trim with Lock Case\***  
Spring-loaded knob/lever both sides. Includes lock case and blank armored front. May be ordered with optional XL11-743 armored front with cutout to receive deadbolt

## Lock Functions | Small Mortise Deadlocks

Schlage      ANSI



**L460      E06071  
Cylinder x Thumbturn Lock**  
Dadbolt thrown or retracted by key outside or thumbturn inside.



**L462      E06061  
Double Cylinder Lock\***  
Deadbolt operated by key from either side.



**L463      E06091  
Classroom Lock**  
Deadbolt thrown or retracted by key from outside. Inside thumbturn cylinder retracts deadbolt, but cannot project it.



**L464      E06081  
Cylinder Lock**  
Deadbolt thrown or retracted by key from one side. No trim on opposite side.



**L480  
Door Bolt**  
Deadbolt thrown or retracted by thumbturn from one side. No trim on opposite side.



**L496  
Deadbolt with "Occupied" Indicator**  
Deadbolt thrown or retracted by key outside or thumbturn inside. When deadbolt is thrown "OCCUPIED" plate is displayed. (Previously XL11-911)











\*In a double-door application where the dummy will be used as the strike order 10-091 Armored Front Strike separately.

Caution: Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.
















# Schlage L-Series Universal Transformation Instructions

The L9050 universal case can be transformed into nine different functions\* with just a few additional parts.

For some functions, additional parts are not necessary.

ANSI Function	Function Type	Function Description
F04	 L9050 (w/thumbturn) Office	Latchbolt operated by lever either side except when outside lever is made inoperative by a stop or other mechanical means other than key. When outside lever is locked, latchbolt is retracted by key from outside or by operating inside lever. Auxiliary deadlatch.
F01	 L9010 Passage	Latchbolt operated by lever from either side at all times.
F05	 L9070 Classroom	Latchbolt operated by lever either side except when outside lever is locked from outside by key or push button mechanism. When outside is locked latchbolt is retracted by key or by operating key or push button, and outside lever from outside or by operating inside lever. Auxiliary deadlatch.
F07	 L9080 Storeroom	Latchbolt operated by key outside or by operating inside lever. Outside lever always inoperative. Auxiliary deadlatch.
F09	 L9060 Apartment Entrance	Latchbolt operated by lever either side, except when made inoperative by key from inside. When outside is locked latchbolt is retracted by key from outside or by operating inside lever. Auxiliary deadlatch.
F31	 L9080 (less outside cylinder) Exit or Communicating	Latchbolt operated by inside lever. Non-removable blank trim or no trim outside.
F32	 L9071 Classroom Security	Latchbolt retracted by lever either side except when outside lever is locked by key from inside or outside. When outside lever is locked latchbolt is retracted by key either side or by inside lever. Auxiliary deadlatch.
	 L9080 (less outside lever) Service	Latchbolt operated by key outside or by operating inside lever. No outside lever. Auxiliary deadlatch.
	 L9080 (less inside trim) Utility	Latchbolt retracted by key outside; outside lever always inoperative. No inside trim. Auxiliary deadlatch.
	 L9070 (less inside trim) Closet	Latchbolt operated by lever on outside except when outside lever is locked from outside by key. When outside is locked latchbolt is retracted by key or by operating key from outside lever. Auxiliary deadlatch.

\* Assumes Everest cylinders and L9050 as base function (L283-133 Chassis/L9050LB Distributor Lock Case) — only applies to sectional trim (not escutcheon).

Transformation Instructions	Additional Part(s)	
Install cloverleaf cam cylinder on outside; install thumbturn assembly 09-509-027 on inside.	No additional parts required.	
Do not install thumbturn unit 09-509-027 on inside or cylinder outside. Install chassis in the unlocked position.	No additional parts required.	
Install cloverleaf cam cylinder on outside; do not install thumbturn assembly 09-509-027 on inside.	No additional parts required.	
Do not install thumbturn 09-509-027 on inside. Install chassis in the locked position. Replace cloverleaf cam L583-153 with straight cam B502-948 (Everest), L583-255 with K510-680 (IC and SFIC) and install on outside.	Cams B502-948 (Everest), K510-680 (IC and SFIC)	  B502-948      K510-680
Do not install thumbturn 09-509-027 on inside. Install cloverleaf cam cylinder on inside. Replace clover leaf cam L583-153 with straight cam B502-948 (Everest), L583-255 with K510-680 (IC and SFIC) and install on outside.	Mortise cylinder assembly and cams B502-948 (Everest), K510-680 (IC and SFIC)	   Mortise Cylinder Assembly      B502-948      K510-680
Do not install thumbturn unit 09-509-027 on inside. Install chassis in the locked position. Install inside lever with L283-150 mounting plate; do not install outside lever or cylinder.	Mounting plate L283-150	 L283-150
Do not install thumbturn unit 09-509-027 on inside. Install cloverleaf cam cylinder on inside and outside.	Mortise cylinder assembly and cam L583-153	  Mortise Cylinder Assembly      L583-153
Do not install thumbturn unit 09-509-027 on inside. Install chassis in the locked position. Replace cloverleaf cam L583-153 with straight cam B502-948 (Everest), L583-255 with K510-680 (IC and SFIC) and install on outside. Install inside lever with L283-150 mounting plate; do not install outside lever.	Cams B502-948 (Everest), K510-680 (IC and SFIC), mounting plate L283-150	   B502-948      K510-680      L283-150
Do not install thumbturn unit 09-509-027 on inside. Install chassis in the locked position. Replace cloverleaf cam L583-153 with straight cam B502-948 (Everest), L 583-255 with K510-680 (IC and SFIC) and install on outside. Install inside lever on outside with L283-150 mounting plate; do not install inside lever.	Cams B502-948 (Everest), K510-680 (IC and SFIC), mounting plate L283-150	   B502-948      K510-680      L283-150
Install cloverleaf cam cylinder on outside; do not install thumbturn assembly 09-509-027 on inside. Install inside trim on outside with L283-150 mounting plate.	Mounting plate L283-150	 L283-150

# Electrified Lock Function

## Applications:

Security control centers, cashier rooms, fire safety exits, stairwell doors, telephone equipment rooms, computer rooms, hospital equipment and narcotics storage areas.

## Regulating Devices:

Recognition Systems, Inc., HandReaders, wall switches, security consoles, access card readers, thermo-sensitive devices, smoke and fire alarms, telephone access controls, automatic time devices and computerized controls.



**L9080PEL  
L9080PEU**

All installations should be in accordance with local electrical codes and National Electrical Code, NFPA 70.

## Electrical Requirements for EL or EU

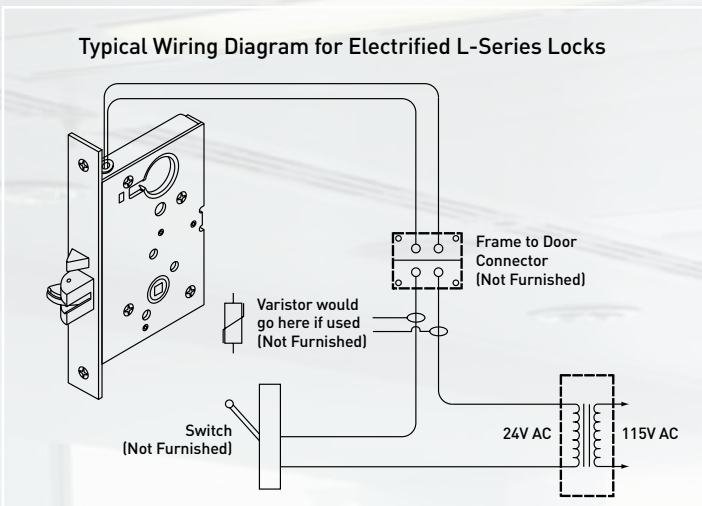
Voltage: 24V AC or 24V DC (maximum 29V, minimum 20V)  
Peak Current: Amps 1.3 at 5 to 10 second intervals  
Holding Current: Amps .135 between peak current intervals  
Operating Temperature: Maximum +151° F, minimum -31° F

## Micro Switch Electrical Requirements for Request to Exit (RX) Function

Amps: 1.0  
Volts: 24 AC or DC  
Peak Load: Amps, 5; volts, 250 AC or DC

## Replacement Kit

L283-053 – Solenoid and driver, EL or EU



## Typical Installation

- Electrified L-Series locks contain a transistorized circuit that provides full voltage to the solenoid upon initial application of electrical power and at 5 to 10 second intervals.
- Each lock should preferably have its own 24-volt transformer. Two or more locks may be operated in parallel from a single transformer, provided it has the necessary current rating.

**NOTE:** DO NOT connect locks in series from a higher voltage rated transformer.

- We DO NOT recommend that these locks be connected to a supply circuit that also contains electromagnetic devices. If an electromagnetic device is connected to the supply circuit, the resulting transient voltages could damage the lock. The transient voltage must be carefully suppressed at the equipment producing them before connecting the lock to the same circuit.
- A varistor rated at 35 volts (peak recurrent) may be used for transient voltage protection.



**L9080EL  
LV9080EL**

### Electrically Locked (Fail Safe)

Outside knob/lever continuously locked by 24V AC or DC. Latchbolt retracted by key outside or by knob/lever inside. Switch or power failure allows outside knob/lever to retract latchbolt. Auxiliary latch deadlocks latchbolt when door is closed. Inside knob/lever always free for immediate exit.



**L9080EU  
LV9080EU**

### Electrically Unlocked (Fail Secure)

Outside knob/lever unlocked by 24V AC or DC. Latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside knob/lever always free for immediate exit.

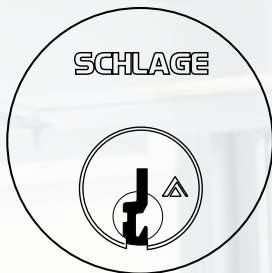


**L9080EL-RX  
L9080EU-RX**

### Request to Exit (RX) Electrified Lock

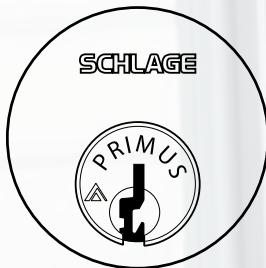
Same as L9080EL and L9080EU functions. In addition, a micro switch positioned inside the lock case monitors the retractor crank, and is actuated when rotation of the inside or outside knob/lever rotates the retractor hub. The switch signals the use of that opening to security systems, allowing a non-disruptive means of immediate egress. Specify per L283-059 for normally closed contacts (default). Specify L283-125 for normally open contacts. [Previously XL11-807]

## Cylinder Types



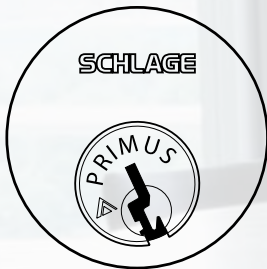
### Standard Cylinders

Schlage locks are provided with cylinders precision-built to extremely close tolerances and the highest standards of accuracy. Using only solid brass bar stock plugs and shells, phosphor bronze springs, and nickel silver keys and bottom pins ensures long life and ease of operation. Our 6-pin Everest cylinders in C123 keyway with two patented keys are standard for stock. C145 is standard for new master key systems.



### Primus® High Security Cylinders

Primus high-security cylinders are available to add patented key control and varying degrees of geographical exclusivity to most Schlage 6-pin key systems, whether Everest or Classic keyways. In addition to a conventional pin tumbler mechanism, Primus cylinders incorporate a patented finger pin and sidebar design, providing a "dual-locking" cylinder that is virtually pick-proof. Resistance to drilling and other physical attack is optional by specifying 20-500 Series UL437 Listed cylinders.

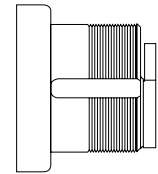
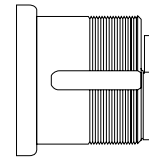
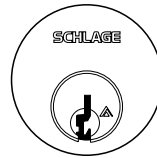


### Primus Lockout Cylinders

For doors where it is frequently desirable to disable all keys from operating the lock temporarily use lockout cylinders. The special lockout key can be removed while the plug is turned to the 11 o'clock position, preventing all normal operating keys, including master keys, from fully entering the cylinder.

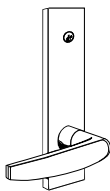
Suggested applications for lockout cylinders include laboratories, dark rooms, clean rooms and exterior doors to dormitories.

Schlage will not master key lockout cylinders.



## Standard (Non-IC) Cylinders

### Standard (Non-IC) Mortise Cylinders



Design	Function	Cylinder Mechanism				
		Conventional	Primus	Primus UL437	Primus Lockout	Primus UL437 Lockout
<b>L &amp; N Escutcheons</b> (cylinders and spring only)	All Except Below	30-021	20-793	20-593	20-717**	20-517**
	L9060P Outside	26-021	20-701	20-501	20-715	20-515**
	L9485, L9486 Hotel Functions	30-022*	N/A	N/A	N/A	N/A
<b>L Escutcheon with concealed shell cylinder</b> (C suffix)	All Except Below	30-004	20-789	20-589	N/A	N/A
	L9060 Outside	26-023	N/A	N/A	N/A	N/A
	L9485, L9486 Hotel Functions	30-005*	N/A	N/A	N/A	N/A
<b>Sectional Trim and L400-Series</b> (cylinder with compression ring & spring)	All Except Below	30-001	20-787	20-587	20-717	20-517
	L9060P Outside	20-001	20-700	20-500	20-715	20-515
	L9485, L9486 Hotel Functions	30-002*	N/A	N/A	N/A	N/A

\* Specify door hand for hotel function cylinders.

\*\* Discard compression ring for Lockout cylinders with escutcheon trim.

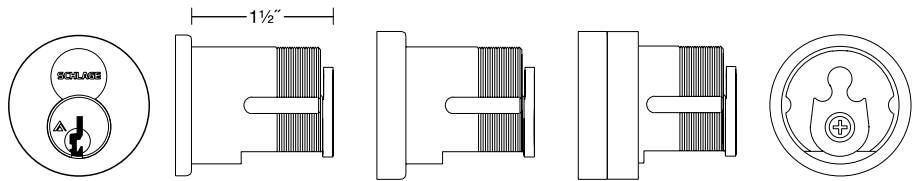
**Finishes:** 605, 606, 611, 612, 613, 619, 625, 626, 629 and 630.

Concealed shell cylinders available in 606 and 626 only.

6-pin Everest C123 keyway standard for stock cylinders; C145 standard for new key systems.

Standard cylinder lengths: sectionals (rose) trim = 1 1/8" (29 mm), escutcheon trim = 1 1/4" (32 mm).

Optional cylinder lengths are in 1/8" (4 mm) increments ranging from 1 1/8" to 1 3/4" (29 mm to 44 mm).

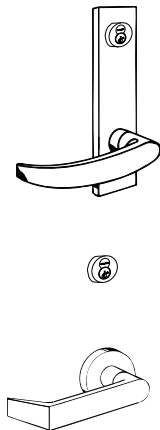


## Full-Size Interchangeable Core Cylinders

Schlage figure-8 interchangeable core (IC) cylinders allow immediate rekeying at the door. Simply use the special control key to replace the core in seconds. Full-size IC cylinders can be integrated into any existing 5- or 6-pin Schlage key system with no adverse effects on keying capacity. Convert existing mortise locks to interchangeable core merely by replacing the old cylinder with the IC cylinder and proper collar(s).

For ordering information see page 39.

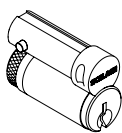
### Full-Size IC Mortise Cylinders



Design	Function	Core Mechanism		
		Conventional	Primus	Housing Less Core
<b>L &amp; N Escutcheons</b> (cylinders with compression ring)	All Except Below	30-008	20-798	30-007
	L9060P Outside	30-030	20-782	30-032 + 36-083
	L9485P, L9486P Hotel Functions	30-010*	N/A	30-007
<b>Sectional Trim and L400-Series</b> (cylinder with compression ring, spring and 3/8" blocking ring)	All Except Below	30-138	20-776	30-137
	L9060P Outside	30-030 + 36-083 + 36-082-050	20-783	30-032 + 36-083 + 35-082-050
	L9485P, L9486P Hotel Functions	30-140*	N/A	30-137

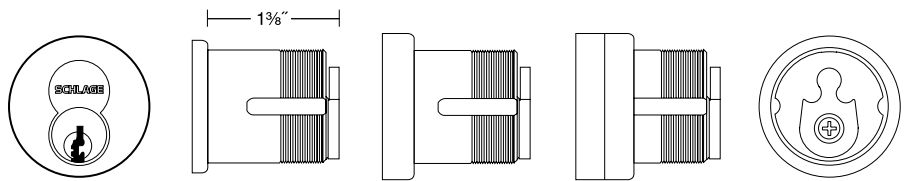
\* Hotel function cores are handed. Specify hand of door. Finishes: 605, 606, 611, 612, 613, 619, 625, and 626. Standard cylinder length is 1 1/2".

### Full Size Interchangeable Cores Only



Number	Description
23-030	Conventional core
20-740	Primus high-security core
30-120	Hotel function core (Specify hand of door)

Available 606 and 626 finish only.  
Standard keyway: 6-pin Everest C123 for stock, C145 for new master key systems



## Small Format Interchangeable Core (SFIC) Cylinders

The L-Series lockset can be ordered to accept small format interchangeable cores (SFIC) compatible with manufacturers such as Falcon, Arrow and Best; cams are easily changeable.

To order Schlage L-Series mortise locks with SFIC cylinders less core, change suffix P to BD. Example: L9453BD. To order locks with Everest B Family restricted keyway cores, change suffix to GD. To order with keyed construction cores, change suffix to HD. To order with disposable construction cores, change suffix to BDC.

For ordering information see page 39.

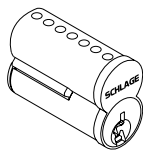
### SFIC Mortise Cylinders



Design	Function	Core Mechanism			
		Everest Restricted (GD Suffix)	Keyed Construction (HD Suffix)	Disposable Construction (BDC Suffix)	Housing Less Core (BD Suffix)
L & N Escutcheons (cylinders with compression ring and spring)	All* except L9060 Outside	80-308	80-138	80-115	80-108
	L9060 Outside	80-304	80-134	80-112	80-104
Sectional Trim and L400-Series (cylinder with compression ring, spring and 1/4" blocking ring)	All* except L9060 Outside	80-301	80-131	80-109	80-101
	L9060 Outside	80-304 + 36-082-050	80-134 + 36-082-050	80-112 + 36-082-050	80-104 + 36-082-050

Finishes: 605, 606, 611, 612, 613, 619, 625, and 626.  
Standard cylinder length is 1 3/8".

### Small Format Interchangeable Core Only



Number	Description
80-036	7-Pin uncombined Everest B Family restricted keyways
80-037	7-Pin combined Everest B Family restricted keyways
80-033	7-Pin uncombined Falcon / Best keyways
80-034	7-Pin combined Falcon / Best keyways
80-043	6-Pin uncombined Falcon / Best keyways
80-044	6-Pin combined Falcon / Best keyways

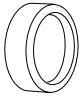
Available 606 and 626 finish only. Specify keyway for existing systems.  
80-033 and 80-043 cores are available in A, D, E, F, G, H, J, K, L, and M keyways.  
Schlage assigns the keyway when establishing new Everest restricted key systems.



# Blocking and Compression Rings

## Dimensions for Blocking Rings

36-079



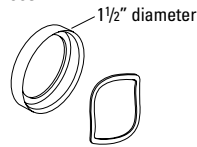
Blocking Ring. Specify finish and dimension. Not to be used with 36-083.

36-082



Blocking Ring. Specify finish and dimension. Use with 36-083.

36-083



Compression Ring and Spring. Specify finish and dimension.

L538-195



Compression Spring.

Blocking Ring Length	Dimension
1/8"	012
3/16"	018
1/4"	025
5/16"	031
3/8"	037
7/16"	043
1/2"	050

## Full Size IC Cylinder Blocking Ring Requirements, L-Series, LV-Series

Function	Trim	Door Thickness			
		1 3/8"	1 3/4"	2"	2 1/4"
		Dimension			
L9050, L9056, L9070, L9076, L9080, L9080EL/EU, L9453, L9456, L9460 per XL11-886 or XL-635, L9464 per XL11-886, L9465, L9473, L9480, L9485 per XL11-557	Rose	050	037	025	025
	Escutcheon	025	012	N/R	N/R
L9485	Rose	—	037	025	025
	Escutcheon	—	012	N/R	N/R
L9486, L9496	Rose	012	N/R	N/R	N/R
	Escutcheon	025	012	N/R	N/R
L9060*, L9071*, L9077*, L9082*, L9457*, L9462* per XL11-886, L9466*, L9482*	Rose	—	050	043	031
	Escutcheon	025	012	N/R	N/R
L460, L464, L9460, L9464	Rose	050	037	025	025L462
L462*, L463*, L9462*, L9463*	Rose	—	050	043	031

\* Two blocking rings required

Notes: 1) Specify blocking ring (36-082), finish and dimension.

2) Blocking ring (36-082) must be used with compression ring (36-083).

3) N/R = None Required.

## Small Format IC Cylinder Blocking Ring Requirements, L-Series, LV-Series

Function	Trim	Door Thickness			
		1 3/8"	1 3/4"	2"	2 1/4"
		Dimension			
L9050, L9056, L9070, L9076, L9080, L9080EL/EU, L9453, L9456, L9460 per XL11-886 or XL-635, L9464 per XL11-886, L9465, L9473, L9480, L9485 per XL11-557	Rose	037	025	012	N/R
	Escutcheon**	N/R	N/R	N/R	N/R
L9060*, L9071*, L9077*, L9082*, L9082EL/EU*, L9457*, L9462* per XL11-886, L9464*, L9466*, L9482*	Rose	—	050	037	025
	Escutcheon	018	N/R	N/R	N/R
L9496	Rose	025	012	N/R	N/R
	Escutcheon	N/R	N/R	N/R	N/R
L460, L464, L496, L9460, L9464	Rose	037	025	012	N/R
L462*, L463*, L9462*, L9463*	Rose	—	050	037	025

\* Two blocking rings required

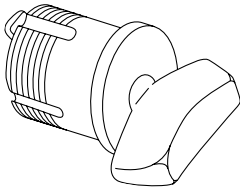
\*\* Compression ring not required for doors over 1 9/16" thick.

Notes: 4) Specify blocking ring (36-082), finish and dimension.

5) Blocking ring (36-082) must be used with compression ring (36-083).

6) N/R = None Required.

# Classroom Thumbturn Cylinders



These cylinders are for L463 and L9463 classroom function deadlocks. They are handed. They have a rotational stop in one direction to prevent locking from the inside, but allow unlocking. Cylinders are field-reversible by changing the position of the rotational stop. All cylinders furnished with L583-254 cam.

Number	Collar(s)
09-900	None
09-904	Compression ring and spring
09-905	For 1 <sup>3</sup> / <sub>4</sub> " doors: compression ring, spring and 1/8" blocking ring
09-907	For 1 <sup>3</sup> / <sub>8</sub> " doors: compression ring, spring and 1/4" blocking ring

Specify hand of door RH, LH, NH and finish. 1<sup>1</sup>/<sub>8</sub>" length standard. 90-900 available in 1/8" increments up to 1<sup>3</sup>/<sub>4</sub>".

# Mortise Cylinder Cams

## Most Functions

L400 and L9000 Series



L583-153  
Everest and  
Primus

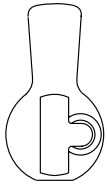


L583-254  
Classic  
Conventional

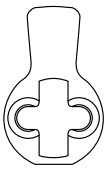


L583-255  
All IC

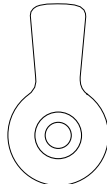
L9060 Outside Only



B502-948  
Everest and  
Primus



B502-191  
Classic  
Conventional



K510-680  
All IC

# Cams Screws



- B502-942 Everest and Primus (non-IC)
- B502-468 Classic Conventional (non-IC)
- L583-333 All full-size interchangeable core
- B520-484 All small format interchangeable core

# Armored Fronts

L-Series armored fronts are produced from brass, bronze or stainless steel material, finished to match lock trim and furnished complete with screws. Numbers for ordering separately or with locks are listed below. Armored fronts are specified in latch column of order form.



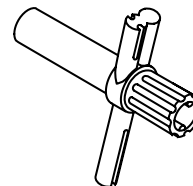
Standard Square  
Corner  
1<sup>1</sup>/<sub>4</sub>" (32 mm) width

Square Corner		Description
1 <sup>1</sup> / <sub>4</sub> " (32mm) Width	1 <sup>1</sup> / <sub>16</sub> " (27mm) Width	
09-662	09-668	Latch: L9010, 9040, 9044
09-663	09-669	Deadlatch: L9050, 9056, 9060, 9070, 9071, 9080, 908
09-664	09-670	Latch x deadbolt: L9444, 9456, 9457, 9465, 9466, 9473, 9496
09-665	09-671	Deadbolt: L9460, 9462, 9463, 946
09-666	09-662	Deadlatch x deadbolt: L9453, 9480, 9485, 948
09-661	09-667	Blank (no holes): L9175, L917
09-713	----	Deadlatch, non-UL: L9076, 9077 (holdback functions)
09-717	----	Deadbolt: L400-Series

Note: For 1<sup>3</sup>/<sub>8</sub>" (35mm) doors, 1<sup>1</sup>/<sub>16</sub>" (27mm) front should be specified.

# IC Installation Tool

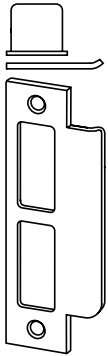
This tool is used to install and remove mortise cylinder housings and test mortise cylinder cam action for both small format and full-size interchangeable core cylinders. Its other ends are designed to install the driver and retainer for full-size IC in Schlage key-in-knob/lever locksets.



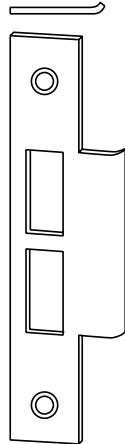
M504-413  
(Order as needed)

# Strikes

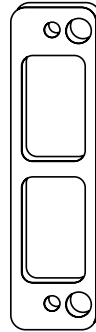
All L-Series strikes are produced from brass, bronze or stainless steel material, finished to match lock trim, and furnished complete with screws. Numbers for ordering separately or with locks are listed below.



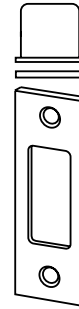
**Standard for L9000**  
10-072  
1 1/4" x 4 7/8"  
x 1 3/16" Lip  
32 mm x 124 mm  
x 30 mm



**Armored Front Strike**  
10-091  
1 3/4" x 8" x 1 3/16" Lip  
32 mm x 203 mm  
x 30 mm



**Wood Frame Reinforcer**  
37-015



**Standard for L400**  
10-079  
1 1/4" x 3 1/2"  
32 mm x 89 mm



**Optional for L400**  
10-078  
1 1/4" x 4 7/8"  
32 mm x 124 mm

Number	Lip Length	Description
10-072	1 3/16" (30mm)	L9000 Standard
	7/8" (22mm), 1" (25mm), 1 1/2" (38mm)	L9000 Optional
	1 3/4" (44mm), 2" (51mm)	L9000 Special lip
10-073	No Lip	L9460-Series deadlocks
10-075	No Lip	1/2" (13mm) Rabbeted (use with 1 1/16" (27mm) armor)
10-078	No Lip	1 1/4" x 4 7/8" with box, L400 optional
10-079	No Lip	1 1/4" x 3 1/2" with box, L400 standard
10-091*	1 3/16" (30mm)	Armored front strike, no box
K510-053	---	Strike box for 10-079
K10-066	---	Strike box, all except 10-079

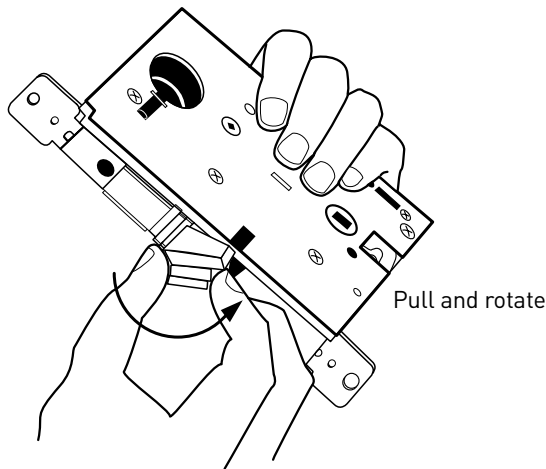
\*Specify hand of inactive leaf.

# Door Handing

One of the revolutionary features of the L-Series mortise lock is that handing can be done by the distributor or installer quickly and easily without opening the lock case. This feature allows a Schlage distributor to order L-Series locks as stock and customize the handing to each order's specification. This means off-the-shelf delivery to meet today's fast-track construction requirements. These mix-and-match lever-with-knob combinations, along with a quickly reversible lock chassis, provide the ultimate in stocking, ordering and installation flexibility. Orders can be filled from stock, minimizing delivery problems.

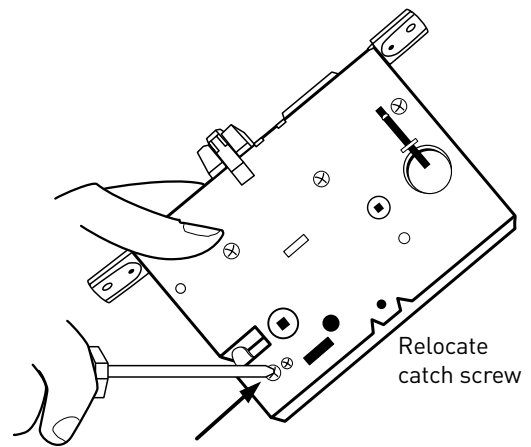
## Changing Lock Hand

No more than two simple steps are required to change the hand of any L-Series lock. Rotate the latch unit 180° and/or change the catch screw position.



A. Changing Latchbolt Handing

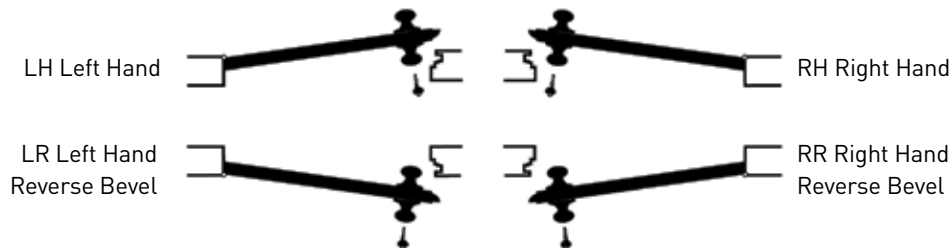
Remove armored front. Pull latchbolt away from chassis and rotate complete unit 180° to reverse the door handing. Reinstall armored front.



B. Change Chassis Handing

Remove catch screw from one side of chassis and install on opposite side. For RH and RR, the catch screw will be on the lock case side. For LH and LR, the catch screw will be on the lock case cover.

\*Catch screw location reversed for Vandgard function. For first time users, an instructional video is available.



The hand is determined by the direction the door swings when viewed from the exterior or corridor side of the door.

# Specifications

## Handing:

L9000-Series lock bodies are field-reversible without disassembly. L400-Series locks are non-handed, except L463.

## Door Thickness:

1<sup>3</sup>/<sub>4</sub>" (44 mm) standard. 1<sup>3</sup>/<sub>8</sub>" (35 mm) to 2<sup>1</sup>/<sub>2</sub>" (64 mm) optional. Over 2<sup>1</sup>/<sub>2</sub>" (64 mm) door ranges vary by function and trim. Specify door thickness if other than 1<sup>3</sup>/<sub>4</sub>".

## Backset:

2-3/4" (70 mm) only.

## Armored Front:

L9000-Series: 1<sup>1</sup>/<sub>4</sub>" x 8" x 7/32" (32 mm x 203 mm x 6 mm) standard. 1<sup>1</sup>/<sub>16</sub>" x 8" x 1<sup>7</sup>/<sub>32</sub>" (27 mm x 203 mm x 6 mm) optional.

L400-Series: 4<sup>7</sup>/<sub>16</sub>" x 3<sup>5</sup>/<sub>8</sub>" x 1" (113 mm x 92 mm x 25 mm)

## Case Size:

L9000-Series: 4<sup>7</sup>/<sub>16</sub>" x 6<sup>1</sup>/<sub>16</sub>" x 1" (113 mm x 154 mm x 25 mm)

L400-Series: 4<sup>7</sup>/<sub>16</sub>" x 3<sup>5</sup>/<sub>8</sub>" x 1" (113 mm x 92 mm x 25 mm)

## Spacing:

Knob or lever to cylinder, 3<sup>7</sup>/<sub>8</sub>" (98mm); knob or lever to thumbturn hub, 2<sup>11</sup>/<sub>16</sub>" (68mm).

## Bolts:

1" (25mm) throw stainless steel deadbolt and 3/4" (19mm) throw stainless steel latch with anti-friction tongue.

## Exposed Trim:

**Knobs:** #41 and #42 heavy-duty wrought brass, bronze or stainless steel knobs match D-Series knobs.

**Levers:** Forged brass or bronze and cast stainless steel. Designs available to match ND-Series levers.

93 Lever Design: Extruded brass, bronze or stainless steel.

**Mediterranean Designs:** Forged-brass lever and rose.

**Escutcheons:** L escutcheons are cold-forged brass or bronze and stainless steel. N escutcheons are heavy wrought reinforced brass, bronze and stainless steel.

**Trim Combinations:** Available with knob both sides, lever both sides, or knob and lever with rose or escutcheon both sides.

## Strike:

L9000-Series: ANSI curved lip strike 1<sup>1</sup>/<sub>4</sub>" x 4<sup>7</sup>/<sub>8</sub>" (32 mm x 124 mm) x 1<sup>3</sup>/<sub>16</sub>" (30 mm) lip to center with dust box standard. L400-Series: 1<sup>1</sup>/<sub>8</sub>" x 3<sup>5</sup>/<sub>8</sub>" (29 mm x 92 mm) with dust box.

## Cylinder & Keys:

6-pin Everest C123 keyway cylinder with two patented keys standard.

## Keying Options:

Interchangeable core and Primus high security cylinders. Master keying, grand master keying and construction keying.

# Certifications

## ANSI:

L9000: ANSI A156.13 Series 1000, Grade 1 Operational and Security, UL Listed for 3-hour fire door (except L9076 and L9007). With interchangeable core cylinders: Grade 2 Security.

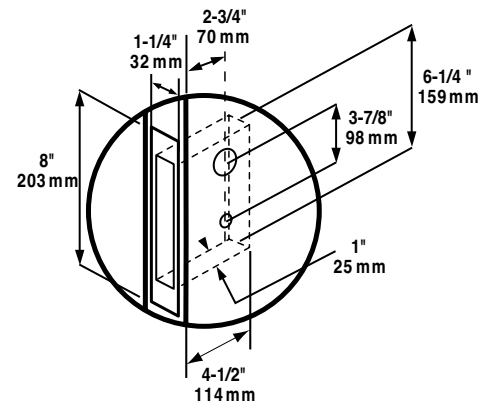
**With Concealed Shell Cylinder:** A156.13 Grade 1 Operational and Security. ANSI/ASTM F476-76 Grade 40, UL Listed. L400: ANSI A156.5 Grade 1

**California State Reference Code: (Formerly Title 19, California State Fire Marshal Standard)** All levers with returns comply; levers return to within 1/2" of door face.

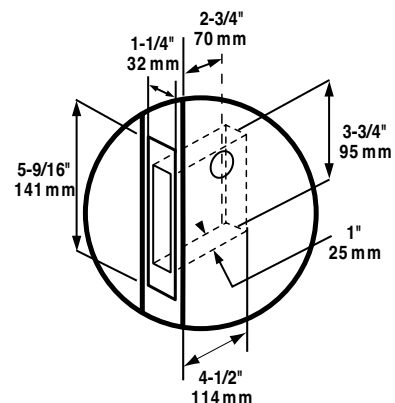
## UL / cUL:

All locks listed for A label single doors, 4' by 10'. Letter F and UL symbol on latch front indicate listing. Electrified functions are UL19X Listed for single-point locking applications. UL437 Listed locking cylinder optional: specify Primus 20-500 Series cylinder.

## Door Preparation for L9000 Series



## Door Preparation for L400 Series



# Mortise Locksets

1. Provide mortise locksets that comply with ANSI A156.13, Series 1000, Operational Grade 1 and Security Grade 1 with all standard trims.
2. Provide mortise locksets that are approved for Hurricane Resistance by Miami-Dade County, Florida, and are certified to the Florida Building Code by the Florida Building Commission. **Optional by State.**
3. Provide mortise locksets that comply with UL10C and UBC 7-2 positive pressure requirements.
4. Provide mortise locksets that comply with ANSI/ASTM F476-76 Grade 40, UL Listed for locksets utilizing concealed cylinders.
5. Manufacture lock cases from fully wrapped, heavy 12-gauge steel. Manufacturers utilizing an exposed edge case are not acceptable.
6. Lock cases to have screw layouts of staggered configuration. Parallel screw layouts are not acceptable.
7. Lock cases are to be multi-functional that transform into different functions without opening the lock case.
8. Lock components to be manufactured of zinc dichromate-plated steel. Manufacturers utilizing plastic parts, spacers and/or bushings are not acceptable.
9. Lock components to incorporate a spring-loaded fusible link for Fire/Life Safety. Manufacturers utilizing gravity, fusible link are acceptable.
10. Latchbolts to have a standard 2 3/4" backset with a full 3/4" throw.
11. Latchbolts to be non-handed, field reversible without opening the lock case.
12. Latchbolts to be two-piece anti-friction, manufactured from stainless steel. Solid latchbolts and/or plastic anti-friction devices are not acceptable.
13. Deadbolts to be 1 3/4" total length; have standard 1" throw with a minimum 3/4" internal engagement when fully extended.
14. Deadbolts to be constructed of stainless steel, incorporating a security roller pin with a minimum Rc60 rating for surface hardness.
15. Lever assembly (external) to be one-piece design attached by threaded bushing. Lever assembly (internal) shall be attached by screwless shank. Lever attachment by common tools (allen nuts and/or set screws) are not acceptable.
16. Thru-bolt lever assemblies through the door for positive interlock. Manufacturers utilizing a through-the-door spindle for attachment are not acceptable.
17. Levers to have independent rotation in both directions.
18. Lever operation to be free-wheeling (clutch) when in locked mode. **Optional, available in 20 functions.**
19. Spring cages are to be incorporated into the lever assemblies.
20. Hub blocking plate to be solid, cast stainless steel. Manufacturers utilizing open hub designs are not acceptable.
21. Spindles to be independent, designed to "break-away" at a maximum of 75 psi torque.
22. Strikes to be non-handed and bridged to ensure dead latching. Manufacturers utilizing fillers of any kind for deadlatch engagement are not acceptable.
23. Mounting tabs are to be automatic self adjusting, vertically and horizontally for door bevel and strike alignment.
24. Cylinders to be secured by a cast stainless steel, dual retainer. Manufacturers utilizing screws and/or stamped retainers are not acceptable.
25. Thumbturn and back-plate to be manufactured from castings and comply with ANSI 117 accessibility standard.
26. Manufacturers utilizing an exposed toggle on edge of door as "locked indicator" are not acceptable.

## Acceptable Manufactures:

Schlage: L Series with ( ) lever design





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