

L Series

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.



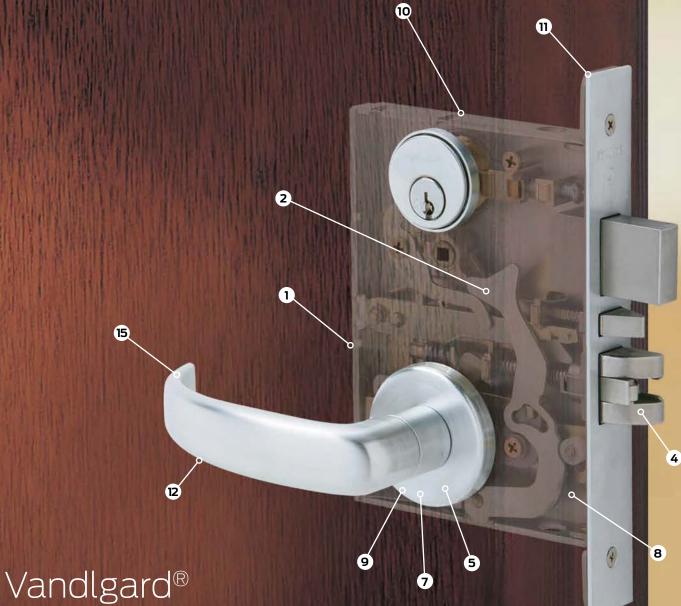
We don't compromise on security

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
- · Resistance tests
- Door impact tests
- · Warped door tests
- · Bolt strength 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.





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

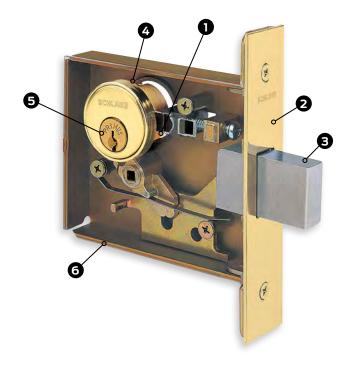
- Fully wrapped heavy-gauge steel case protects against door edge attacks
- 2. All-metal zinc dichromate-plated working parts
- 3. Inside lock case protects electronic components
- 4. Two-piece anti-friction tongue reduces wear and tear
- 5. Outside and inside trim thru-bolted together and through the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

Security built in

- 6. Break-away spindle prevents unsecured failures and provides easy spindle replacement
- Hub blocking plate protects lock against spindle manipulation
- 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



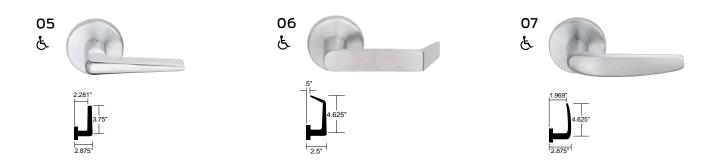
Schlage L400 Series

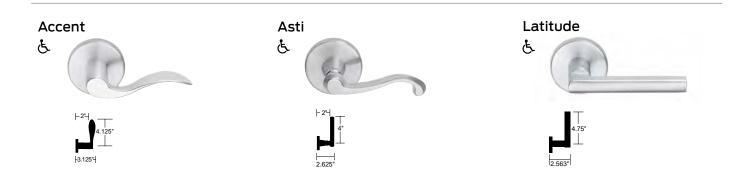
Our L400 Series locks are designed for use as primary locks where no latching is required, such as restrooms and small doors to utility spaces. They also offer optimum security when used as auxiliary locks in other applications.

- 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
- 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

Finish options											
Color	Bright brass				Oil rubbed Bronze	Satin nickel	Bright chrome	Satin chrome	Bright stainless steel	Satin stainless steel	Aged bronze
ANSI/BHMA number	605	606	609	612	613	619	625	626/626AM	629	630/630AM	643
US number	US3	US4	US5	US10	US10B	US15	US26	US26D	US32	US32D	US11

AM = Antimicrobial. See pricebook for additional trim and finish availability. 33A, 95 & 99 devices not available in 619 & 630 finishes.





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Escutcheons and roses

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

Escutcheons



L Full face

Specify by adding 'L' after lever design.

Material: Cold-forged brass, bronze or stainless steel

Finishes: 605, 606, 609, 612, 613, 619, 625, 626, 629, 630, 643e

Size: 8" x 1 ³/₄" x ⁷/₁₆" (203 mm x 44 mm x 11 mm)

Roses



A Wrought rose

2 1/8" (54 mm) diameter Available for use on L Series knob and lever designs. Specify by adding 'A' after lever design

Finishes: 605, 606, 609, 612, 613, 619, 625, 626, 629, 630, 643e



L Concealed

Specify by adding 'C' suffix to function and by adding 'L' after lever design.

Material: Cold-forged brass, bronze or stainless steel

Finishes: 605, 606, 609, 612, 613, 619, 625, 626, 629, 630, 643e

Size: 8" x 1 ³/₄" x ⁷/₁₆" (203 mm x 44 mm x 11 mm)



B Wrought rose

2 °/16" (65 mm) diameter Available for use on L Series knob and lever designs. Specify by adding 'B' after lever design.

Finishes: 605, 606, 609, 612, 613, 619, 625, 626, 629, 630, 643e



N Escutcheon

Specify by adding 'N' after lever design.

Material: Heavy wrought reinforced brass, bronze or stainless steel

Finishes: 605, 606, 609, 612, 613, 619, 625, 626, 629, 630, 643e

Size: 8" x 2 ⁹/₁₆" x ⁷/₁₆" (203 mm x 65 mm x 11 mm)





C Wrought rose

2 5/8" (66 mm) diameter Available for use on L Series knob and lever designs. Specify by adding 'C' after lever design.

Finishes: 605, 606, 609, 619, 625,

626, 629, 630, 643e

Thumbturns

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, 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.



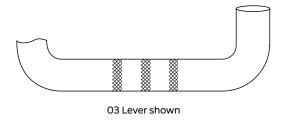
Optional EZ turn L583-363

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 function L9044 and L9444 with rose trim. Specify 09-509 and finish per L283-124 when ordering.



Products featuring a knurled surface will be indicated by adding the prefix "8" to the lever number. For example, L9050P 803A/03A.

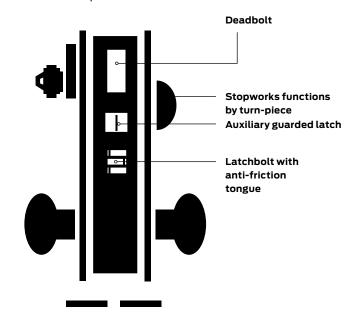
Tactile warning (knurling)

Schlage L Series commercial levers feature knurling only on the outside lever unless otherwise specified.

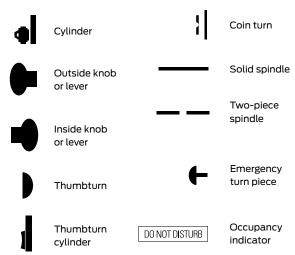
This feature is available on the following lever models:
01, 02, 03, 05, 06, 07, 12, 17, 18, 41, 42 and 93.

Lock functions

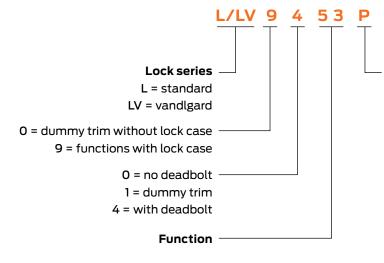
Lock components



Symbol key



Product identification guide



Cylinder suffix

P = 6-pin full-face mortise cylinder with Schlage logo*

L = less full-face cylinder

C = concealed mortise cylinder

W = less concealed cylinder

R = full-size interchangeable core with Schlage logo

J = less full-size interchangeable core

F = full-size interchangeable core less Schlage logo

T = full-size construction core

BD = SFIC less core

BDC = disposable SFIC

GD = Everest patented SFIC

HD = construction SFIC

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.

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 liner 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, thumbturn or closing door. 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.



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 LV9076

F06

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 LV9080

F07

Storeroom lock

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

Schlage



L9080EL LV9080EL

Electrically locked (fail safe)

ANSI

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. Inside lever is always free for immediate egress.

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 lever is always free for immediate egress.



L9080EL-RX / LV9080EL-RX L9080EU-RX / LV9080EU-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/levers 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 L283-263 with L functions, specify L283-239 with LV functions. Inside lever is always free for immediate egress.

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.
	4	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).

Blocking and compression 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.

Dimensions for blocking rings

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 interchangeable (FSIC) core blocking ring requirements

	Trim	Door thickness				
Function		1 3/8"		2"	21/4"	
		Dimension				
L9050, L9070, L9080, L9410 (disc), L9453, L9456, L9460 per XL11-886 or XL11-635, L9464	Rose	050	037	025	025	
per XL11-886, L9465, L9473, L9480, L9496	Escutcheon	025	012	N/R	N/R	
L9485	Rose	_	037	025	025	
L9403	Escutcheon	_	012	N/R	N/R	
L9486	Rose	012	N/R	N/R	N/R	
19400	Escutcheon	025	012	N/R	N/R	
L9060, L9071, L9077, L9082, L9457, L9462 per	Rose	_	050	043	031	
XL11-886, L9466, L9482	Escutcheon	025	012	N/R	N/R	
L460, L464, L496, L9460, L9464	Rose trim	050	037	025	025	
L462, L463, L9462, L9463	Rose trim	_	050	043	031	

Small format interchangeable core (SFIC) blocking ring requirements

	0 0 1				
	Trim	Door Thickness			
Function		13/8"		2"	21/4"
		Dimension			
L9050, L9060, L9070, L9071, L9077, L9080, L9082, L9453, L9456, L9457, L9462 per XL11-886, L9465,	Rose	037	025	012	N/R
L9453, L9450, L9457, L9462 per XL11-886, L9463, L9466, L9473, L9482	Escutcheon	N/R	N/R	N/R	N/R
L9050, L9060, L9070, L9080, L9082, L9410 (disc), L9453, L9456, L9460 per XL11-886 or XL11-635, L9464	Rose	_	050	037	025
per XL11-886, L9465, L9466, L9473, L9480, L9496	Escutcheon	018	N/R	N/R	N/R
L460, L464, L496, L9460, L9464	Rose trim	037	025	012	N/R
L462, L463, L9462, L9463	Rose trim	_	050	037	025