



SCHLAGE

D Series

Cylindrical locks





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Pictured here: Orbit knob shown
in 626 satin chrome

Cover photo: Plymouth knob shown
in 626 satin chrome finish



Put your trust in the name you know

For more than 90 years, Schlage has been creating the strongest and most technologically advanced security products for schools, hospitals, hotels, commercial and institutional buildings, multi-family properties and homes. From durable mechanical locks to comprehensive electronic access control solutions and biometrics, Schlage provides protection at critical moments – when property and personal security are at stake. With a wide range of products, styles and finishes, Schlage has products for the most demanding project specifications. In public buildings, in the workplace, and in homes, at the end of the day Schlage stands for one thing: strong.



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.

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 D Series locks meets ANSI Grade 1 standards for safety.



D Series

Heavy-duty performance for high traffic applications

At Schlage, we know that every product you specify has to stand up to constant use and abuse without compromising security. The D Series gets the job done with tough, dependable ANSI Grade 1 locks designed for use in military barracks, back-of-house hospitality and retrofit applications. Built for heavy traffic applications, D Series locks are easy to service and maintain, and come in a range of styles and finishes to fit your building.

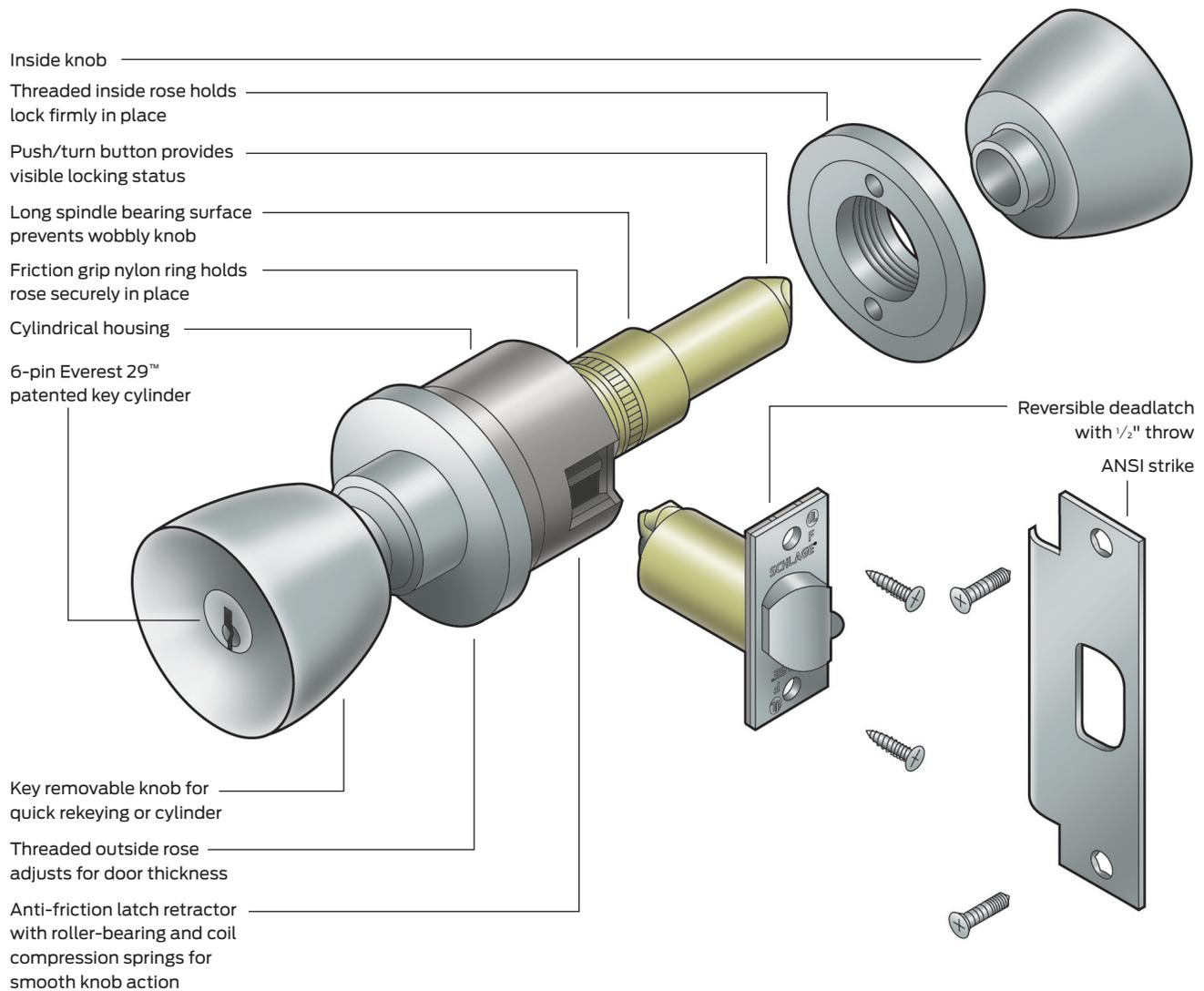
Schlage D Series knobs are built to tough manufacturing standards that ensure a long life with smooth performance. With finishes to fit your building design, and a choice of styles, the D Series is one of the toughest knobs we make.

Pictured here: Plymouth knob shown in 626 satin chrome



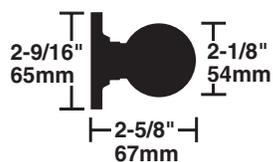
Heavy-duty hardware for premium performance

- Exceeds 800,000-cycle ANSI Grade 1 requirements
- Exceeds ANSI A156.2, Series 4000 Grade 1 lock knob torque requirements
- Heavy-gauge, cold-rolled steel mechanisms are corrosion treated for normal atmosphere conditions



D Series knob designs

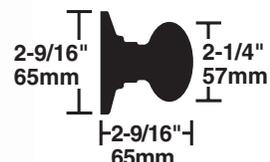
Orbit



Symbol: ORB 

Material: Wrought brass, bronze, or stainless steel

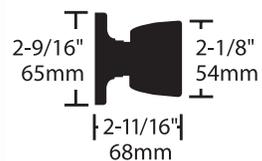
Plymouth



Symbol: PLY 

Material: Wrought brass, bronze, or stainless steel

Tulip



Symbol: TUL 

Material: Wrought brass, bronze, or stainless steel

All designs shown in 626 satin chrome

-  = Standard cylinder.
-  = FSIC - full size interchangeable core option for Orbit design.

Knob finishes

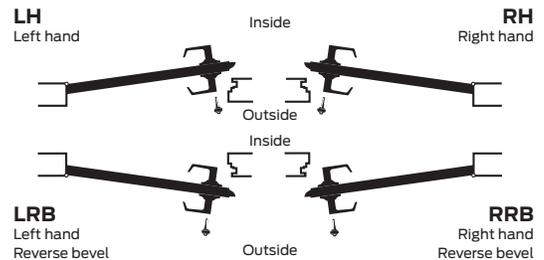


D Series locks										New in 2009
Orbit	•	•	•	•	•	•	•	•		•
Plymouth	•	•	•	•	•	•	•	•	•	•
Tulip	•	•	•	•	•	•	•	•		•

e = an equivalent finish to the BHMA standard.

Door handing

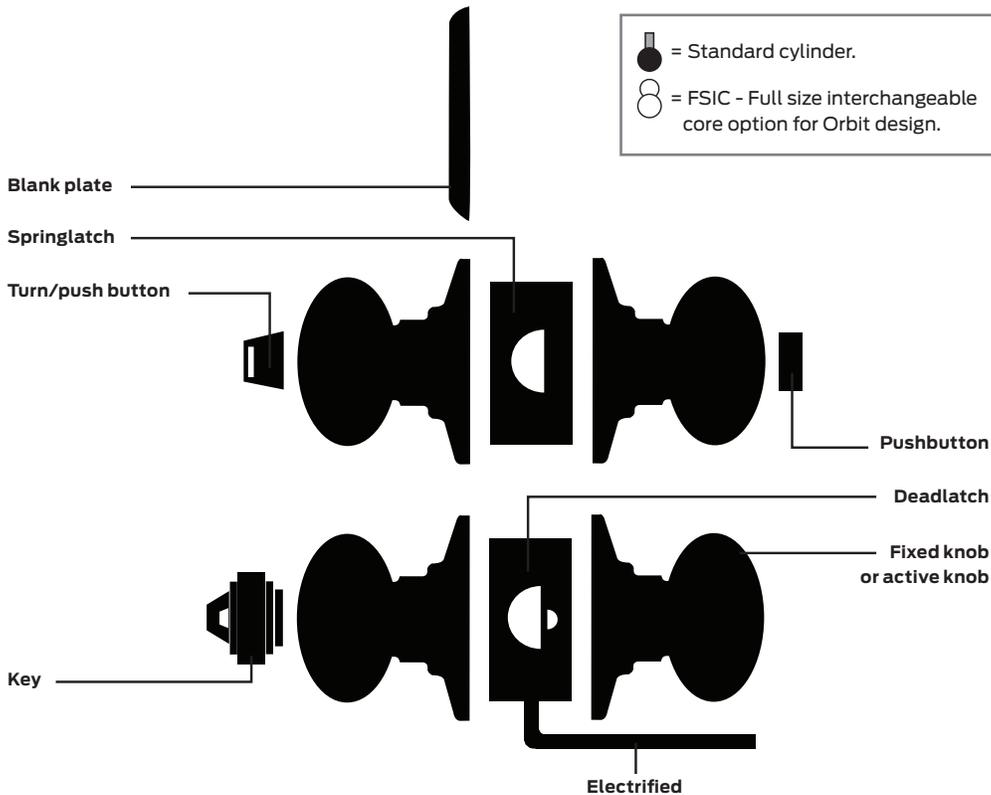
All Schlage locks are reversible. Hand information is necessary to ensure proper cylinder orientation in keyed functions, and finish of latchbolt and strike for locks that are to be installed on reverse bevel doors. Follow the diagram to correctly determine the hand of the door.



Product information and specifications contained in this catalog are subject to change without notice. Please consult the factory.

D Series lock functions

ANSI A156.2 Series 2003 Grade 1

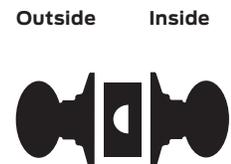


Non-keyed locks

Schlage **D10S** ANSI **F75**

Passage latch

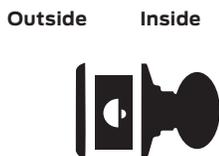
- Both knobs always unlocked
- Inside knob is always free for immediate egress



Schlage **D25D** ANSI —

Exit lock with blank plate

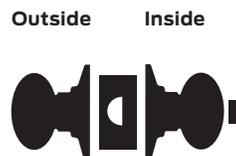
- Blank plate outside
- Inside knob always unlocked
- Inside knob is always free for immediate egress
- Specify door thickness



Schlage **D40S** ANSI **F76**

Bath/bedroom privacy lock

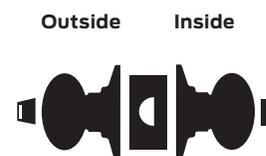
- Push-button locking
- Can be opened from outside with small screwdriver
- Turn the inside knob or close the door to release button
- Inside knob is always free for immediate egress



Schlage **D44S** ANSI —

Hospital privacy lock

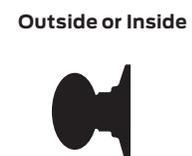
- Push-button locking
- Unlock from outside by pushing emergency turn-button
- Turn inside knob or close door to release button
- Inside knob is always free for immediate egress



Schlage **D170** ANSI —

Single dummy trim

- Dummy trim for one side of door
- Used for door pull or as matching inactive trim



Lock functions

ANSI A156.2 Series 2003 Grade 1

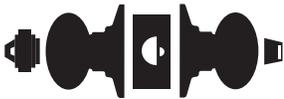
Keyed locks

Schlage ANSI
D53PD **F109**

Entrance lock

- Push button to lock outside knob
- Knob stays locked until unlocked by key or by turning inside knob
- Pushing and turning button locks outside knob, which stays locked until opened with a key
- Inside knob is always free for immediate egress

Outside Inside



Schlage ANSI
D60PD **F88**

Vestibule lock

- Latch is retracted by key from the outside when the outside knob is locked by a key in the inside knob
- Inside knob is always free for immediate egress

Outside Inside



Schlage ANSI
D66PD **F91**

Store door lock

- Key in either knob locks or unlocks both knobs

Caution: Double cylinder locks are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Outside Inside



Schlage ANSI
D70PD **F84**

Classroom lock

- Outside knob is locked and unlocked by key
- Inside knob is always free for immediate egress

Outside Inside



Schlage ANSI
D72PD **F80**

Communicating lock

- Key in either knob locks or unlocks its own knob independently

Caution: Double cylinder locks are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Outside Inside



Lock functions

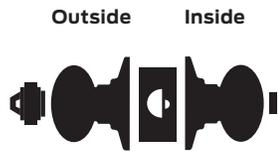
ANSI A156.2 Series 2003 Grade 1

Keyed locks (continued)

Schlage ANSI
D73PD **F90**

Corridor lock

- Locked or unlocked by key from outside
- Push-button locking from inside
- Turn inside knob or close door to release button
- Inside knob is always free for immediate egress

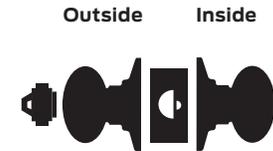


● ○ ORB

Schlage ANSI
D80PD **F86**

Storeroom lock

- Outside knob is fixed
- Entrance by key only
- Inside knob is always free for immediate egress



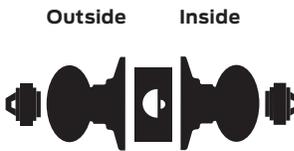
● ○ ORB

Schlage ANSI
D82PD **F87**

Institution lock

- Both knobs fixed
- Entrance by key in either knob

Caution: Double cylinder locks are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

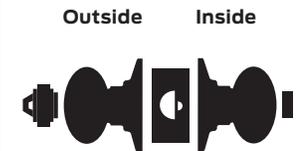


● ○ ORB

Schlage ANSI
D85PD **F93**

Hotel or restroom lock

- Outside knob is fixed
- Entrance by key only
- Push-button on inside knob activates "shut-out" mode with visual occupancy indicator, allowing only master key to operate
- Rotate inside knob to release shut-out mode, except when inside spinner-button has been rotated to keep lock in shut-out mode
- Inside knob is always free for immediate egress



● ○ ORB

● = Standard cylinder.
 ○ = FSIC - full size interchangeable core option for Orbit design.

Lock functions

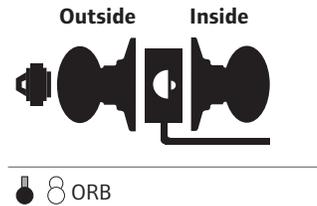
ANSI A156.2 Series 2003 Grade 1

Electrified Functions

Schlage **D80PDEL** ANSI **D12DEL**

Electrically locked (fail safe)

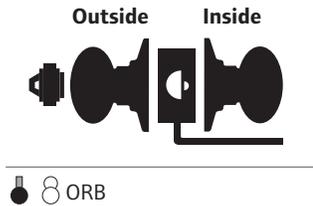
- Auxiliary latch deadlocks latchbolt when door is closed
- Outside knob continuously locked electrically until unlocked by key, switch or power failure
- Inside knob is always free for immediate egress



Schlage **D80PDEU** ANSI **D12DEU**

Electrically locked (fail safe)

- Auxiliary latch deadlocks latchbolt when door is closed
- Outside knob continuously locked until it is unlocked by key or electric current
- Inside knob is always free for immediate egress



Mechanical and electrical control:

Schlage D Series locks are available for remote electrical locking and unlocking for high security and fire safety applications.

Applications:

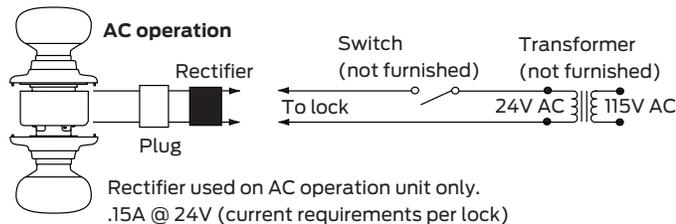
Security control centers, cashier rooms, fire safety alarms, stairwell doors, telephone equipment rooms, computer rooms, hospital equipment and narcotics areas.

Controlling devices:

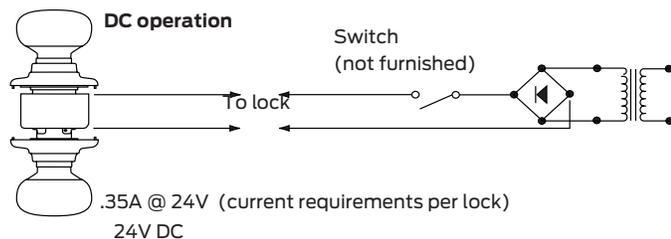
Security alarms, wall switches, security consoles, access card readers, thermo-sensitive devices, smoke and fire alarms, telephone access controls, automatic time devices, biometrics readers and computerized controls.

Typical wiring diagram for electrified locks

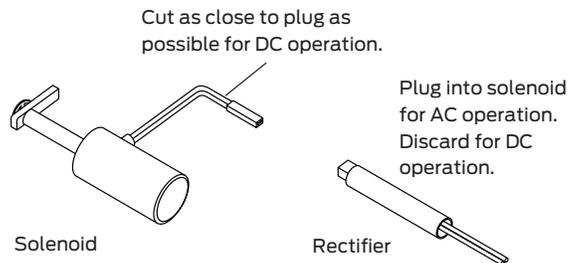
AC power source – EL or EU



DC power source – EL or EU



AC and DC application



Cylinders and key systems

Administrative Security Primus® XP geographically exclusive side bit milling options	Schlage Everest 29™					
	Schlage Classic	End user exclusive nationwide	4N	9N		
		End user exclusive within time zone/country	4Z	9Z		
		End user exclusive within zip code	3G	9G		
		End user controlled; non-exclusive	3U	9U		
		Dealer exclusive within time zone/country	2	8		
		Dealer exclusive within zip code	1+	7		
		Authorized dealer only; non-exclusive	1			

Security Level	Keyway	Features	Physical Security
OPEN	Schlage Classic FSIC & Conventional	<ul style="list-style-type: none"> Duplicate anywhere 	
OPEN	Schlage Everest 29 S FSIC & Conventional	<ul style="list-style-type: none"> Patented design Check pin in cylinder 	
RESTRICTED	Schlage Everest 29 R SFIC & Conventional* Schlage Everest 29 T FSIC & Conventional	<ul style="list-style-type: none"> Requires letter of authorization Patented design Check pin in cylinder 	
RESTRICTED	Schlage Classic FSIC & Conventional	<ul style="list-style-type: none"> 5 levels of side bit milling exclusivity Patent protection to 2024 Independent sidebar and finger pin locking mechanisms 	
RESTRICTED	Schlage Everest 29 R Conventional* Schlage Everest 29 S FSIC & Conventional Schlage Everest 29 T FSIC & Conventional	<ul style="list-style-type: none"> 5 levels of side bit milling exclusivity Patent protection to 2029 Independent sidebar and finger pin locking mechanisms 	<ul style="list-style-type: none"> UL 437 Option UL listed security improvements available with Primus XP Hardened steel drill pins Proven pick and drill resistant Withstands extreme physical attack

Physical Security

COMPARABLE ELECTRONIC SECURITY - Ensure your credential is as secure as your keyway

Proximity credentials <ul style="list-style-type: none"> Easily duplicated 	MIFARE Classic® smart credentials <ul style="list-style-type: none"> Secure encrypted data & communications Difficult to duplicate 	MIFARE Plus® & MIFARE® DESFire® EV1 smart credentials <ul style="list-style-type: none"> Advanced data encryption makes duplication nearly impossible Most secure credentials available from Schlage
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* As SL cylinder that accepts SFIC key

Primus XP access control and high security cylinders

Primus XP access control and 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 29 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.

Classic Primus XP cylinders are recommended for upgrading existing Classic key systems. Due to its extended patent life, the newly designed Everest 29 Primus XP is recommended for new key systems and for upgrading existing Everest key systems. Specify keyway to differentiate between Everest 29 and Classic. Example: C or CP (Classic) vs. S123 (Everest 29).

[Visit allegion.com/us](http://allegion.com/us) for more information.

Standard cylinders

Standard cylinders are available in the patented Everest 29 or Classic keyways. Standard keyways are the Everest 29 S123 and S145 (factory masterkeyed systems). All other keyways available when requested.

Standard cylinders

Number	Description
23-001	Conventional 6-pin cylinder (standard)
20-748	Primus high security cylinder
20-548	Primus UL437 Listed high security cylinder
23-003	6-pin hotel function (D85) with occupancy indicator
21-017	Temporary construction plug, plastic

Available in 606, 626, and 643e finish only.
Everest 29 S123 keyway standard.

Cylinder for most functions



Hotel function indicator cylinder



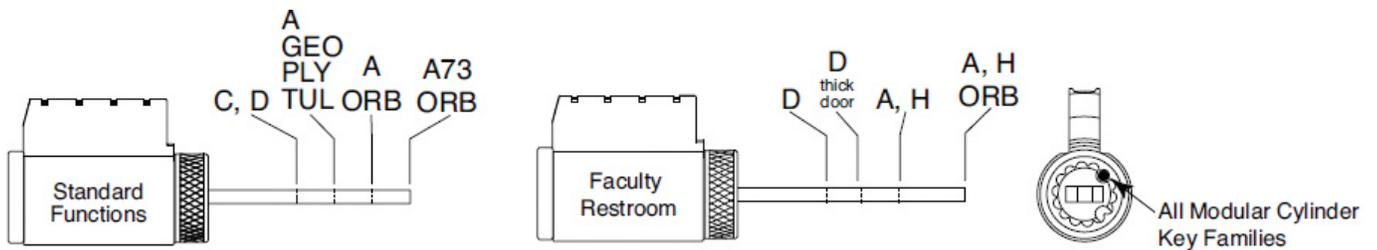
New Everest SL cylinder

- A full-size KIL cylinder that pins to the Schlage SFIC keyways
- Uses pick resistant L pins
- SFIC system owners can gain geographic exclusivity with Primus XP
- Achieves about 57,000 more combinations than a 6-pin system



Everest SL cylinder

Horizontal tailpiece - knobs



Full size interchangeable core

Schlage® interchangeable core (IC) locksets allow immediate rekeying at the door simply by using the special control key to replace the core in seconds.

Available in all lever designs and the Orbit knob, full size interchangeable cores can be integrated into any 5 or 6-pin Schlage key with no adverse affects on keying capacity.

Full size interchangeable cores

Number	Description
23-030	Conventional core
20-740	Primus high security core

Available in 606, 626, and 643e finish only.
Everest 29 S123 keyway standard.



IC retrofit kits

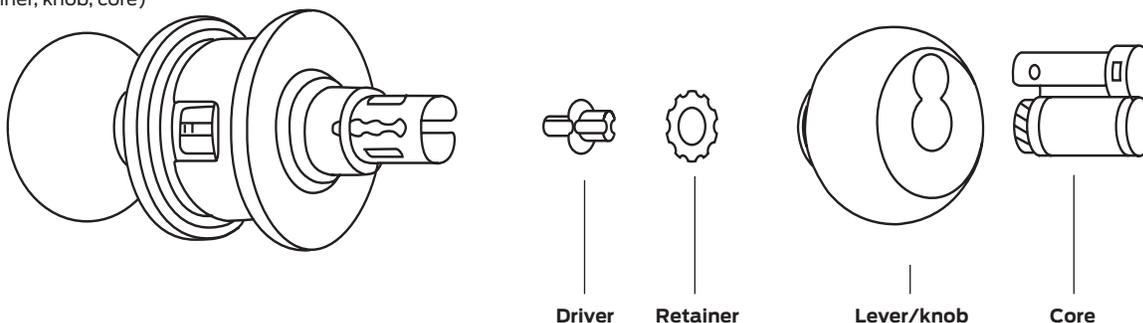
To convert standard D Series locksets to accept Schlage full size interchangeable cores, change the knob and add parts shown. Orbit design only.

Full size interchangeable core retrofit

Number	Description
04-034	Retrofit kit (parts below + core, specify finish)
04-030	Driver, retainer, knob (specify finish)
04-033	Driver, retainer
04-031	Orbit knob only (specify finish)
M504-413	IC installation tool



Retrofit kit
(driver, retainer, knob, core)
04-034

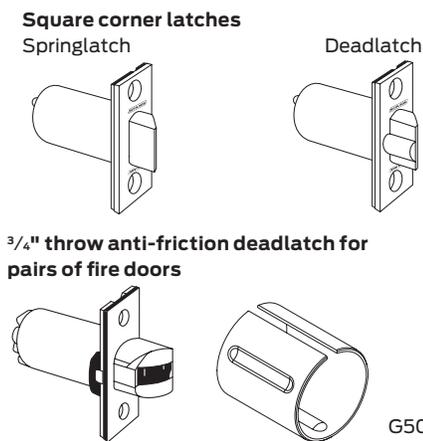


Latches

D Series latches are adjustable for flat or beveled edge doors. Latches and strikes are furnished in brass, bronze, or chrome finishes to be compatible with lock trim. When ordering, specify quantity, part number, and finish. All D Series latches have 1/2" throw and 1" housings except 2 3/8" backset latches, which includes sleeve G506-815 to fill a 1" edge bore. Standard letters are shown in bold type.

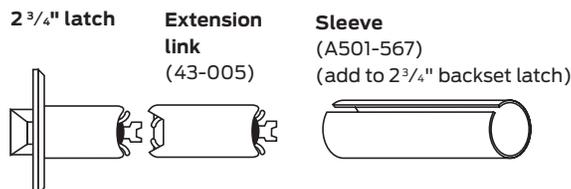
Latches

Backset	Description	Deadlatch 1/2" (13 mm) throw	Springlatch 1/2" (13 mm) throw
2 3/8" (60 mm)	1 1/8" (29 mm) x 2 1/4" (57 mm) square corner	14-047	—
	1" (25 mm) x 2 1/4" (57 mm) square corner	14-048	—
2 3/4" (70 mm)	1 1/8" (29 mm) x 2 1/4" (57 mm) square corner	13-247	13-248
	1 1/8" (29 mm) x 2 1/4" (57 mm) 3/4" (19 mm) throw for pairs of fire doors	14-042	—
3 3/4" (95 mm)	1 1/8" (29 mm) x 2 1/4" (57 mm) square corner	14-028	14-010



Long Backsets

D Series locks with 5" backsets are normally furnished with 1 1/8" faceplates and 1" housings. Links installed in metal doors require one A501-567 sleeve and 43-005 (order separately) to join latch and link.



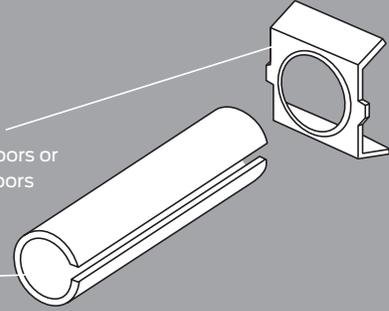
Door Reinforcement

Reinforcing unit is required to reinforce and help prevent the collapse of hollow metal doors when locksets are tightly mounted. This kit should be used with long backsets for D Series lock installations in hollow metal doors to prevent lateral movement of the latchbolt. Specify door thickness, 1³/₈" (35 mm) or 1³/₄" (44 mm), when ordering reinforcement kits.

Reinforcement Kit 37-001

Kit includes:
Reinforcement
A501-566 for 1³/₄" doors or
A501-565 for 1³/₈" doors

Sleeve
A501-567 for
5" backsets



Strikes

All Schlage strikes are furnished complete with screws. The standard D Series strike has a 1³/₁₆" lip. When ordering separately specify quantity, product number, finish, and lip length. Standard strikes are shown in bold type.

Strikes

Number	Lip length	Description
10-013	1 ¹ / ₈ " (28 mm) 1 ¹ / ₂ " (38 mm)	1 ¹ / ₈ " x 2 ³ / ₄ " (28 mm x 70 mm) square corner, box 1 ³ / ₄ " (38 mm)
10-016	1 ¹ / ₈ " (28 mm)	1 ¹ / ₈ " x 2 ³ / ₄ " (28 mm x 70 mm), ³ / ₄ " (19 mm) deep box for 14-042 fire door latch.
10-025	1³/₁₆" (30 mm) 1³/₈" (35 mm)	1¹/₄" x 4⁷/₈" (32 mm x 124 mm) ANSI
K510-066	—	Box for 10-025 ANSI strike

ANSI strike—standard
(10-025)
1¹/₄" x 4⁷/₈" x ³/₃₂"

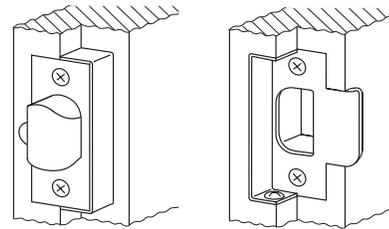


Square corner box strike
(10-013)
1¹/₈" x 2³/₄" x ³/₃₂"



Rabbeted latch and strike kit

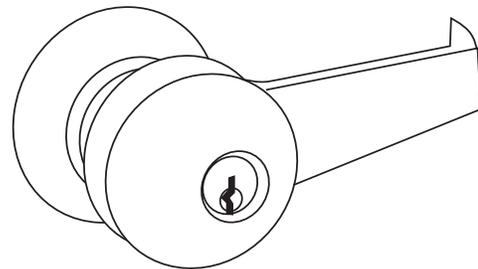
Rabbeted latch and strike kit finishes: 605, 626. This kit adapts square corner latches and 2³/₄" (28 mm) high strikes for 1/2" (13 mm) rabbeted door and frame preparations.



Rabbeted latch and strike kit
(39-030)

Accessories and adapters

Number	Description
04-032	Retrofit lever for Orbit, Plymouth and Tulip knobs
38-018	Thin door spacer for knob locks. 2 required per lock, specify finish.
39-008	Instruction plate for D85 hotel function knob locks
A501-878	Latch front adapter for 1" face plate in 1 ¹ / ₈ " prep



Retrofit lever handle
04-032

Specifications

Handing:

Keyed functions of knob designs are field reversible.

Door thickness:

1³/₈" to 2" (35 mm-51 mm) standard.
2" to 2¹/₂" (51 mm-64 mm) optional.

Backset:

2³/₄" (70 mm) standard. 2³/₈", 3³/₄" and 5" (60 mm, 95 mm, and 127 mm) optional.

Faceplate:

Brass, bronze or stainless steel. 1¹/₈" x 2¹/₄" (29 mm x 57 mm) square corner, beveled.

Lock chassis:

Steel, zinc dichromate plated for corrosion resistance.

Latch bolt:

Brass, 1/2" (12 mm) throw, deadlocking on keyed and exterior functions. 3/4" (19 mm) throw, anti-friction latch available for pairs of fire doors.

Exposed trim:

Wrought brass, bronze or stainless steel.

Strike:

ANSI curved lip strike 1¹/₄" x 4⁷/₈" x 1³/₁₆" lip to center standard. Optional strikes, lip lengths and ANSI strike box available. See page 20.

Cylinder and keys:

6-pin patented Everest 29 S123 keyway standard with two nickel silver keys per lock.

Keying options:

Full size interchangeable core and Primus XP high security cylinders. Master keying, grand master keying, and construction keying.

Warranty:

Three-year limited warranty.

Certifications

ANSI:

Meets or exceeds A156.2 Series 4000, Grade 1 strength and operational requirements.

Federal:

Meets FF-H-106C Series 161.

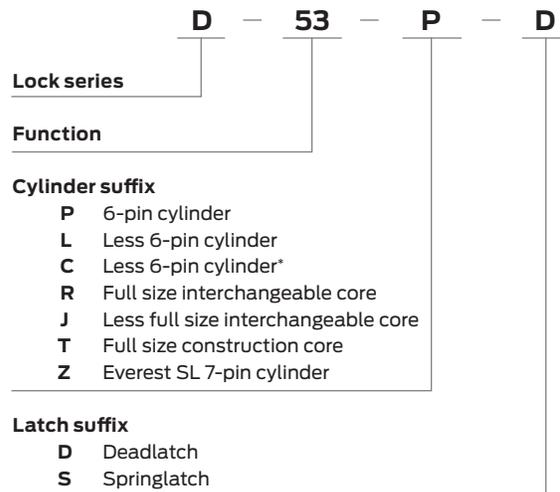
UL / cUL:

All locks listed for A label single doors, 4' x 8'. 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.

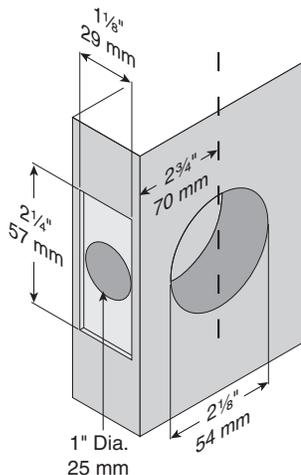
ADA compliant:

Schlage Lock Company offers a wide selection of locks designed to meet the Americans With Disabilities Act.

Product identification



Door preparation



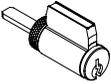
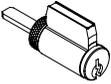
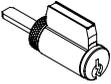
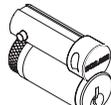
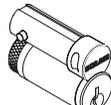
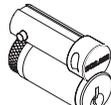
Ordering guidelines

To order Schlage products, descriptive data should be in the same sequence as shown.

Line item	Qty	Products	Outside		Inside		Hand	Latch	Strike	Thk	Ext	Dim	Additional details
			Des	Fin	Des	Fin							
1	2	3	4	5	6	7	8	9	10	11	12	13	14

- 1 Line item number
- 2 Quantity
- 3 Complete model number with function and cylinder type

To order cylinder options, change “PD” at the end of the model number as follows:

	D53PD	Standard.
	D53LD	Less standard cylinder. For Primus cylinder, specify this option and order Primus cylinder separately.
	D53CD	With temporary plastic construction cylinder. Double cylinder functions ordered less cylinder are furnished with these construction cylinders to maintain timing of key cams.
	D53JD	Prepared for full size interchangeable core, less core. For Primus core, specify this option and order Primus core separately.
	D53RD	With full size conventional interchangeable core installed. Order control keys separately.
	D53TD	With full size (temporary) construction core installed. Order all keys separately.

- 4 / 5 Outside design / finish. Specify tactile warning (knurling) here as “8AT” for Athens, “8RO” for Rhodes or “8SP” for Sparta.
- 6 / 7 Inside design / finish. Leave blank if same as outside.
- 8 Hand. Required for keyed knob designs and all split finish locksets. One hand per line item.
- 9 Latch. Leave blank for standard or specify part number for optional latch. LLL=less latch.
- 10 Strike. Leave blank for standard or specify part number for optional strike. LLL=less strike.
- 11 Door thickness, if non-standard. Example: 200 = 2".
- 12 Extension, to specify whether thick door is extended inside (EI), outside (EO), differently (ED) or equally (EE).
- 13 Dimension for strike lip lengths. See price book for availability of specific dimensions with specific strikes (e.g. 138 = 1³/₈").
- 14 Keying detail (e.g. key symbol, keyway, bitting) and other special requirements.

Example

Line item	Qty	Product	Outside		Inside		Hand	Latch	Strike	DR Thk	Ext	Dim	Additional details
			Des	Fin	Des	Fin							
1	24	ND10S	SPA	605					10-013	214	EE		1AA-100AA
2	4	ND50RD	RHO	613								138	C145 245793
3	60	ND93PD	ATH	626				14-047					E 000000

Note: Schlage order forms are available at no charge by contacting your SSC representative or by visiting allegion.com.

About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a \$2 billion company, with products sold in almost 130 countries.

For more, visit www.allegion.com

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