D Series

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

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.

Pictured here: Tulip knob shown
in 626 satin chrome

Real security is knowing exactly what you want and getting it
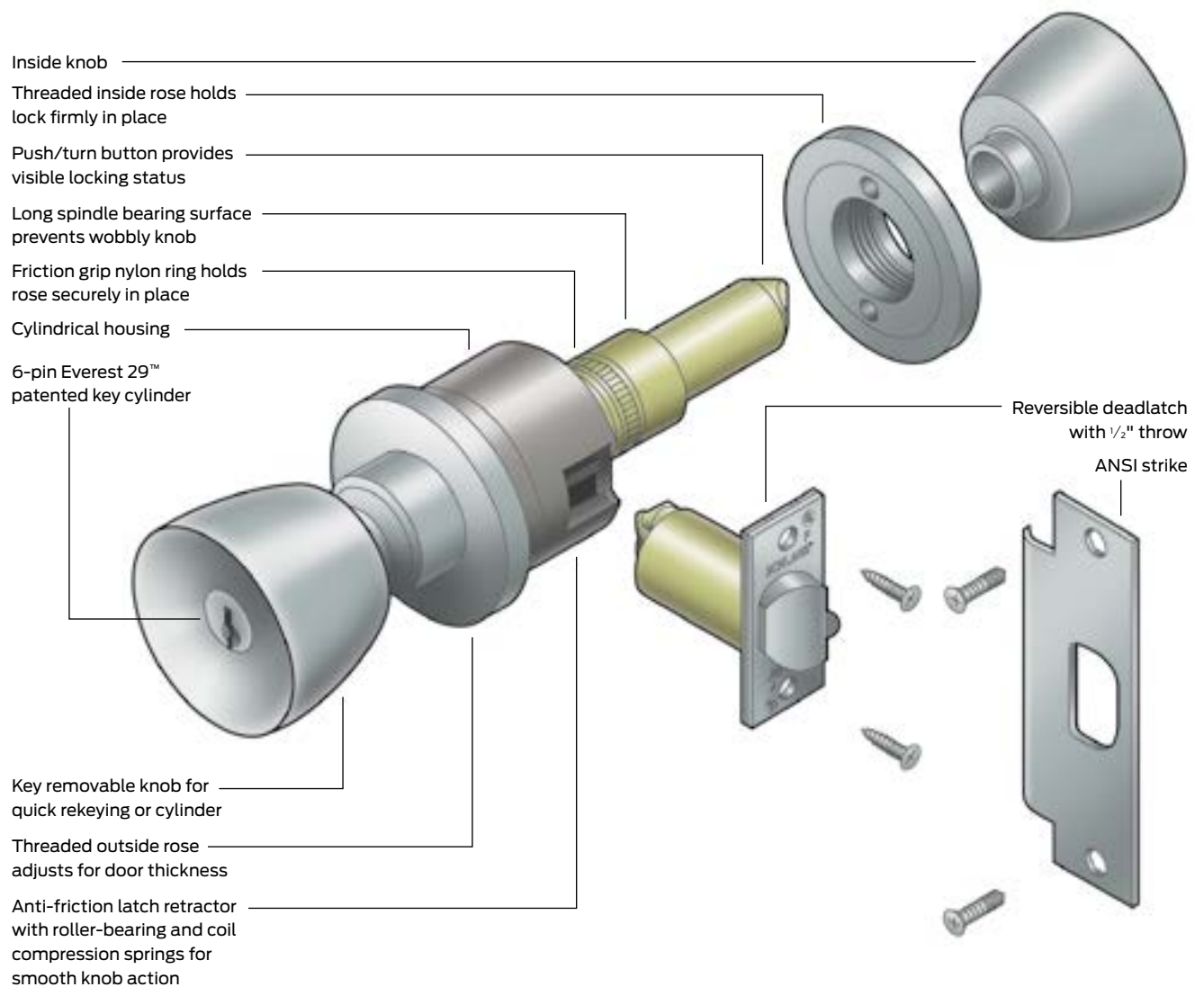
When you know exactly what you want, you don't want to waste time finding out whether it meets your project specifications. That's why we offer the world's largest team of hardware specification writers to help you and your clients turn your vision into reality. And when it comes to products, our commercial 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.
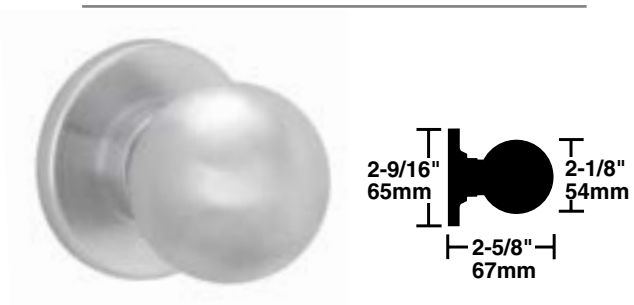
Heavy-duty hardware for premium performance

- 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

Inside knob

Threaded inside rose holds lock firmly in place

Push/turn button provides visible locking status

Long spindle bearing surface prevents wobbly knob

Friction grip nylon ring holds rose securely in place

Cylindrical housing

6-pin Everest 29™ patented key cylinder

Reversible deadlatch with 1/2" throw

ANSI strike

Key removable knob for quick rekeying or cylinder

Threaded outside rose adjusts for door thickness

Anti-friction latch retractor with roller-bearing and coil compression springs for smooth knob action

D Series knob designs

Orbit

2-9/16"
65mm
2-1/8"
54mm
2-5/8"
67mm

Symbol: ORB
Material: Wrought brass, bronze, or stainless steel

Plymouth

2-9/16"
65mm
2-1/4"
57mm
2-9/16"
65mm
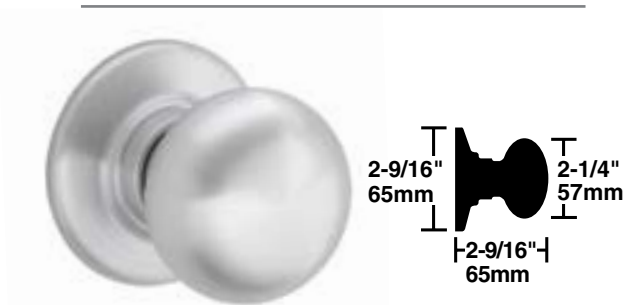
Symbol: PLY
Material: Wrought brass, bronze, or stainless steel

Tulip

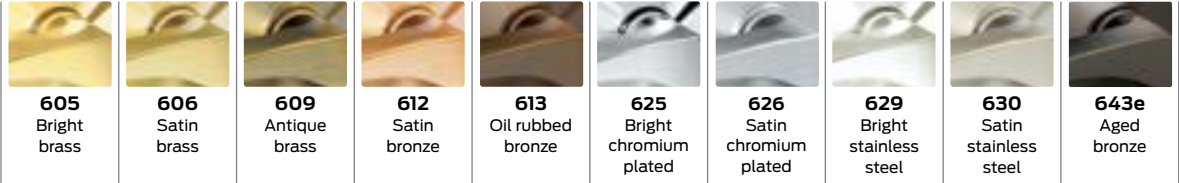
2-9/16"
65mm
2-1/8"
54mm
2-11/16"
68mm

Symbol: TUL
Material: Wrought brass, bronze, or stainless steel

All designs shown in 626 satin chrome

= Standard cylinder.

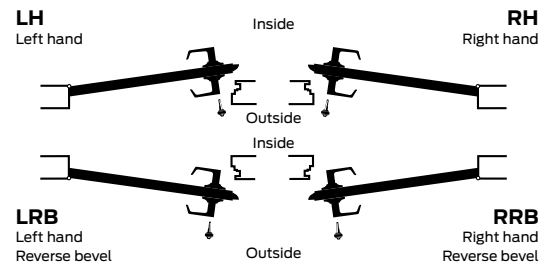= FSIC - full size interchangeable core option for Orbit design.

Knob finishes

	605 Bright brass	606 Satin brass	609 Antique brass	612 Satin bronze	613 Oil rubbed bronze	625 Bright chromium plated	626 Satin chromium plated	629 Bright stainless steel	630 Satin stainless steel	643e Aged bronze
D Series locks										New in 2009
Orbit	•	•	•	•	•	•	•	•		•
Plymouth	•	•	•	•	•	•	•	•	•	•
Tulip	•	•	•	•	•	•	•	•		•

e = an equivalent finish to the BHMA standard.
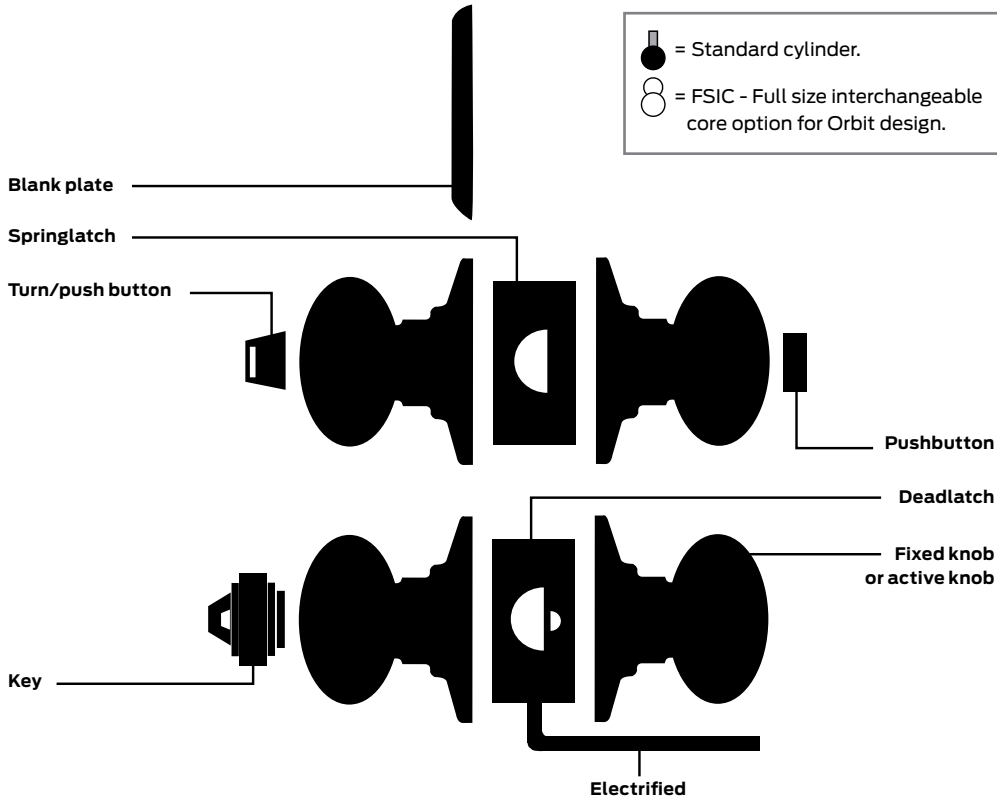
Door handing

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.

LH
Left hand

Inside

RH
Right hand

Outside

Inside

LRB
Left hand
Reverse bevel

Outside

RRB
Right hand
Reverse bevel

D Series lock functions
ANSI A156.2 Series 2003 Grade 1

= Standard cylinder.

= FSIC - Full size interchangeable core option for Orbit design.

Blank plate

Springlatch

Turn/push button

Pushbutton

Deadlatch

Fixed knob or active knob

Key

Electrified

Non-keyed locks

Schlage	ANSI
D10S	**F75**

Passage latch

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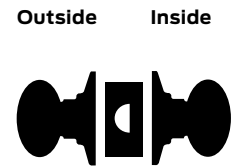
Outside   **Inside**
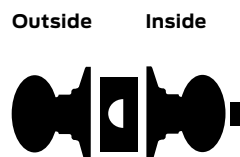

Schlage	ANSI
D25D	**—**

Exit lock with blank plate

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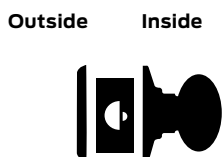
Outside   **Inside**

Schlage	ANSI
D40S	**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.

Outside   **Inside**

Schlage	ANSI
D44S	**—**

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.
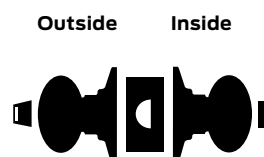
Outside   **Inside**

Schlage	ANSI
D170	**—**

Single dummy trim

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

Outside or Inside
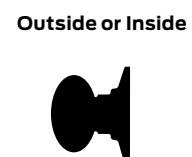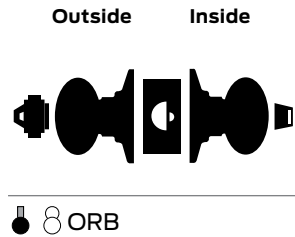
Lock functions
ANSI A156.2 Series 2003 Grade 1

Keyed locks

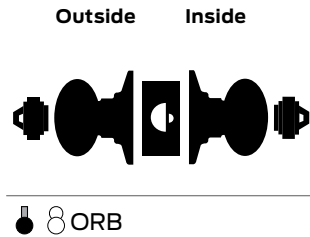| Schlage	ANSI
D53PD	**F109**

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**

ORB

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.
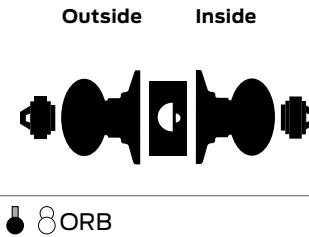- Inside knob is always free for immediate egress.

Outside   **Inside**

ORB

Schlage	ANSI
D66PD	**F91**

Store door lock

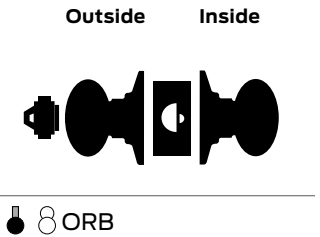- Key in either knob locks or unlocks both knobs.

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**

ORB

Schlage	ANSI
D70PD	**F84**

Classroom lock

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

Outside   **Inside**
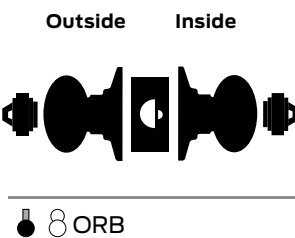
ORB

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.
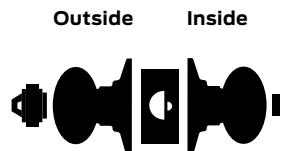
Outside   **Inside**

ORB

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.
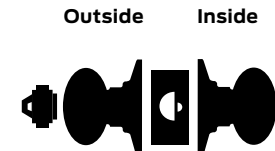- Inside knob is always free for immediate egress.

Schlage   ANSI
D80PD   **F86**
Storeroom lock

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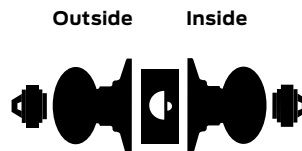- Inside knob is always free for immediate egress.

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.
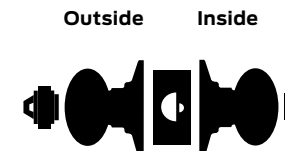
Schlage   ANSI
D85PD   **F93**
Hotel or restroom lock

- 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.
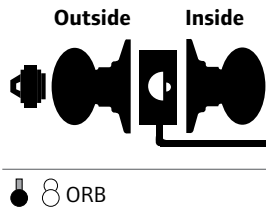- Inside knob is always free for immediate egress.

Outside   **Inside**

Outside   **Inside**

Outside   **Inside**

Outside   **Inside**

ORB

ORB

ORB

ORB

= Standard cylinder.

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

Electrified Functions

| Schlage	ANSI
D80PDEL	**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.

Outside   Inside

⚫ 8 ORB

Schlage	ANSI
D80PDEU	**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.

Outside   Inside

⚫ 8 ORB
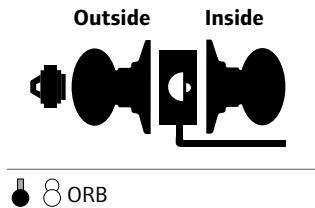
Mechanical and electrical control:

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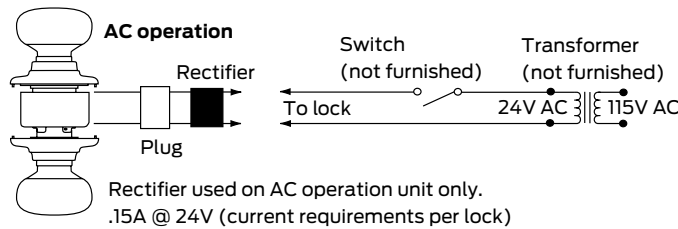
Applications:

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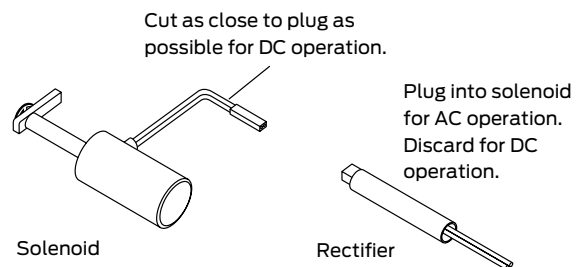
Controlling devices:

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

AC operation

Rectifier

Switch (not furnished)   Transformer (not furnished)

To lock   24V AC   115V AC

Plug

Rectifier used on AC operation unit only.
.15A @ 24V (current requirements per lock)

DC power source — EL or EU

DC operation

Switch (not furnished)

To lock

.35A @ 24V (current requirements per lock)
24V DC

AC and DC application

Cut as close to plug as possible for DC operation.

Plug into solenoid for AC operation. Discard for DC operation.

Solenoid   Rectifier