



## Grade 1 cylindrical locks

# ND Series

### Overview

The Schlage® ND Series is ANSI/BHMA Grade 1 certified and performs beyond the Grade 1 standards. The lock withstands 3,100 in-lb. of abusive lever torque, as well as 1,600 lbs. of offset lever pull for protection against pry bar attacks. The lock is not only strong from attacks, but it also shows nearly zero droop or wobble after 16 million cycles.

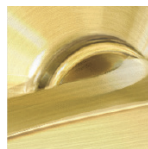
All ND Series locks come in 10 finishes, nine lever designs and use an ANSI 161 door preparation, commonly used with cylindrical locks. They are ideal for all new construction and retrofit applications.



### Finishes



**605**  
Bright Brass



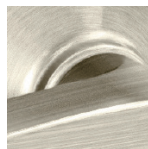
**606**  
Satin Brass



**612**  
Satin Bronze



**613**  
Oil Rubbed  
Bronze



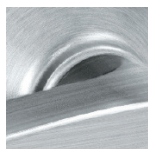
**619**  
Satin Nickel



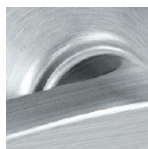
**622**  
Matte Black



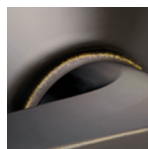
**625**  
Bright Chrome



**626**  
Satin Chrome



**626AM**  
Satin Chrome,  
Antimicrobial



**643e<sup>1</sup>**  
Aged Bronze

<sup>1</sup> e = an equivalent finish to the BHMA standard



## Lever styles



**Athens (ATH)**  
Athens with milled tactile warning (8AT)



**Boardwalk (BRK)**  
Boardwalk with knurled tactile warning (8BK)



**Broadway (BRW)**  
Broadway with knurled tactile warning (8BY)



**Latitude (LAT)**  
Latitude with milled tactile warning (8LT)



**Longitude (LON)**  
Longitude with milled tactile warning (8LN)



**Omega (OME)**



**Rhodes (RHO)<sup>1</sup>**  
Rhodes with milled tactile warning (8RO)<sup>1</sup>



**Sparta (SPA)**  
Sparta with milled tactile warning (8SP)



**Tubular (TLR)**  
Tubular with knurled tactile warning (8TR)

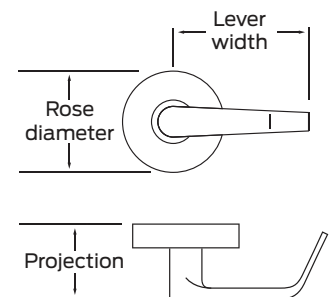
### Dimensions

Lever	Width	Projection
Athens (ATH)	4 <sup>9</sup> / <sub>16</sub> "	3 <sup>5</sup> / <sub>16</sub> "
Boardwalk (BRK)	4 <sup>15</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>16</sub> "
Broadway (BRW)	4 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>16</sub> "
Latitude (LAT)	4 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>8</sub> "
Longitude (LON)	4 <sup>15</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>8</sub> "
Omega (OME)	5 <sup>1</sup> / <sub>16</sub> "	3 <sup>5</sup> / <sub>16</sub> "
Rhodes (RHO)	4 <sup>9</sup> / <sub>16</sub> "	2 <sup>15</sup> / <sub>16</sub> "
Sparta (SPA)	4 <sup>15</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>2</sub> "
Tubular (TLR)	4 <sup>15</sup> / <sub>16</sub> "	3"

### Rose Diameter

Rose	Diameter
Standard	3 <sup>7</sup> / <sub>16</sub> "

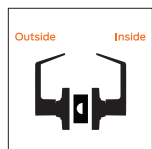
Return to door meets <sup>1</sup>/<sub>2</sub>" requirement for Boardwalk (BRK), Longitude (LON), Omega (OME), Rhodes (RHO), Sparta (SPA) and Tubular (TLR) levers



<sup>1</sup> Optional break away lever available

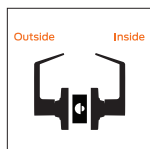


## Mechanical non-keyed functions



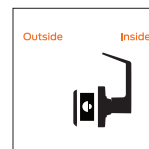
**Schlage** **ND10**  
**ANSI** **F75**  
**Passage latch**

- Both levers always unlocked.
- Available with Request to Exit (RX) function.



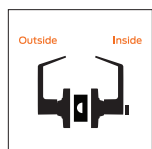
**Schlage** **ND12**  
**ANSI** **F89**  
**Exit lock**

- Outside lever always fixed.
- Inside lever always free for immediate egress.
- Available with Request to Exit (RX) function.



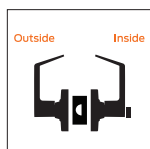
**Schlage** **ND25**  
**ANSI** **-**  
**Exit lock**

- Blank plate outside.
- Inside lever always free for immediate egress.



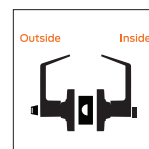
**Schlage** **ND30**  
**ANSI** **-**  
**Patio lock**

- Push button locking.
- Turning inside lever or closing door releases button, preventing a lock-out.
- Inside lever always free for immediate egress.



**Schlage** **ND40**  
**ANSI** **F76**  
**Bath/bedroom privacy lock**

- Push-button locking.
- Unlocked from outside with a small screwdriver.
- Turn inside lever or close door to release button.
- Inside lever always free for immediate egress.



**Schlage** **ND44**  
**ANSI** **-**  
**Hospital privacy lock**

- Push-button locking.
- Unlocked from outside by turning emergency turn-button.
- Turn inside lever or close door to release button.
- Inside lever always free for immediate egress.



Key



Pushbutton



Turn/push  
button



Springlatch

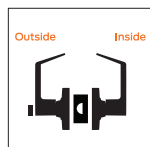


Deadlatch



## Mechanical non-keyed functions

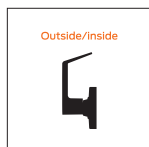
---



Schlage ND45  
ANSI -

Time out lock with  
Vandlgard

- Pushing and holding outside button disengages inside spindle, allowing inside lever to free-wheel without retracting latch.
- Release of outside button allows free egress from inside.



Schlage ND170  
ANSI -

Single dummy trim

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



Key



Pushbutton



Turn/push  
button



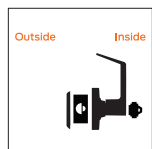
Springlatch



Deadlatch

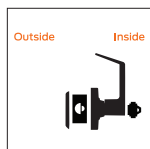


## Mechanical keyed functions



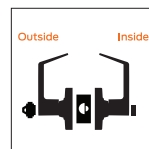
**Schlage** **ND25 x 70**  
**ANSI** -  
**Classroom exit lock**

- Blank plate outside.
- Key locks or unlocks inside lever.



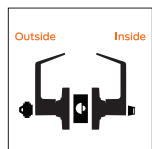
**Schlage** **ND25 x 80**  
**ANSI** -  
**Storeroom exit lock**

- Blank plate outside.
- Key in fixed inside lever retracts latch.



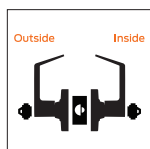
**Schlage** **ND50**  
**ANSI** **F82**  
**Entrance/office lock**

- Push-button locking.
- Push-button locks outside lever until it is unlocked with key or by turning inside lever.
- Inside lever always free for immediate egress.



**Schlage** **ND53**  
**ANSI** **F109**  
**Entrance lock**

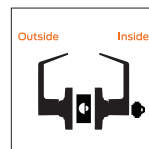
- Turn/push-button locking: Pushing and turning the button locks the outside lever, requiring use of a key until the button is manually unlocked.
- Push-button locking: Pushing button locks outside lever until unlocked by key or by turning the inside lever.
- Inside lever always free for immediate egress.



**Schlage** **ND60**  
**ANSI** **F88**  
**Vestibule lock**

- Latch retracted by key from outside when outside lever is locked by key in inside lever.
- Inside lever always free for immediate egress.

Available with an optional indicator rose that clearly identifies key rotation direction for rapid lockdown. 626 finish only.



**Schlage** **ND60**  
**ANSI** -  
**Vestibule with closed outside lever**

- Same as ND60 except outside lever is closed.
- Inside lever always free for immediate egress.



Key



Pushbutton



Turn/push  
button



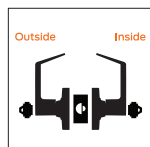
Springlatch



Deadlatch



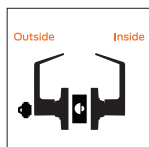
## Mechanical keyed functions



**Schlage** **ND66**  
**ANSI** **F91**  
**Store lock**

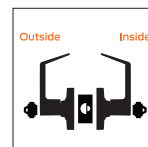
- Key in either lever locks or unlocks both levers.

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



**Schlage** **ND70**  
**ANSI** **F84**  
**Classroom lock**

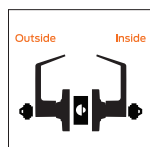
- Outside lever locked and unlocked by key.
- Inside lever always free for immediate egress.



**Schlage** **ND70 x 80**  
**ANSI** **-**  
**Classroom by storeroom lock**

- Key locks and unlocks outside lever.
- Key in fixed inside lever retracts latch.

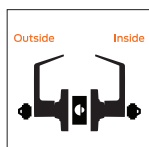
Caution: Double cylinder locks on any door, in any structure, which is used for egress can create a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.



**Schlage** **ND72**  
**ANSI** **-**  
**Communicating lock**

- Key in either lever locks and unlocks respective lever.

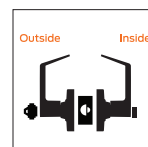
Caution: Double cylinder locks on any door, in any structure, which is used for egress can create a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.



**Schlage** **ND72**  
**ANSI** **-**  
**Communicating lock with Vandlgard**

- Communicating, ND72, lock with Vandlgard.
- Key in either lever locks and unlocks own lever.
- Both inside and outside levers are clutching.

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



**Schlage** **ND73**  
**ANSI** **F90**  
**Corridor lock**

- Locked or unlocked by key from outside.
- Push-button locking from inside.
- Turn inside lever or close door to release button.
- When outside lever is locked by key it can only be unlocked by key.
- Inside lever always free for immediate egress.



Key



Pushbutton



Turn/push button

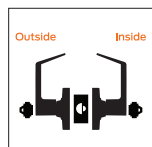


Springlatch



Deadlatch

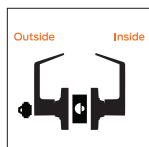
## Mechanical keyed functions



**Schlage** **ND75**  
**ANSI** -  
**Classroom security lock**

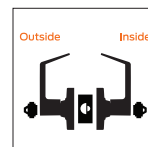
- Key in either lever locks or unlocks outside lever.
- Inside lever always free for immediate egress.

Comes standard with an indicator rose that clearly identifies key rotation direction for rapid lockdown. 626 finish only. Other finishes receive a standard rose.



**Schlage** **ND80**  
**ANSI** **F86**  
**Storeroom lock**

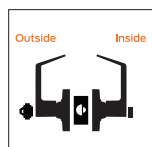
- Outside lever is fixed.
- Entrance by key only.
- Inside lever always free for immediate egress.
- Available with Request to Exit (RX) function.



**Schlage** **ND82**  
**ANSI** **F87**  
**Institution lock**

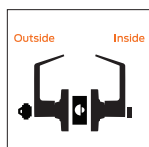
- Both levers always fixed.
- Entrance by key in either lever.

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



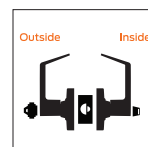
**Schlage** **ND85**  
**ANSI** -  
**Faculty restroom lock**

- Outside lever is fixed.
- Entrance by key only.
- Visual occupancy indicator, allowing only emergency key to operate.
- Turn inside lever or close door to unlock.
- Rotation of inside spinner-button enables lock-out feature.
- Inside lever always free for immediate egress.
- Not available with interchangeable core cylinders.



**Schlage** **ND91**  
**ANSI** **F82**  
**Entrance/office lock with Vandlgard**

- Push-button locking.
- Push-button disengages outside lever until unlocked with key or by turning inside lever.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.



**Schlage** **ND92**  
**ANSI** **F109**  
**Entrance lock with Vandlgard**

- Turn/push-button locking: Pushing and turning button disengages outside lever, requiring using of key until button is manually unlocked.
- Push-button locking: Pushing button disengages outside lever until unlocked by key or by turning inside lever.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.



Key



Pushbutton



Turn/push button



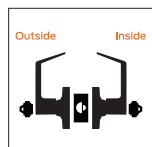
Springlatch



Deadlatch



## Mechanical keyed functions

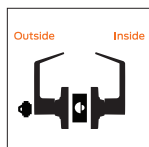


**Schlage** **ND93**  
**ANSI** **F88**

**Vestibule lock with Vandlgard**

- Latch retracted by key from outside when outside lever is disengaged by key in inside lever.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.

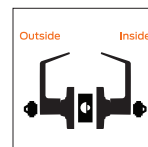
Available with an optional indicator rose that clearly identifies key rotation direction for rapid lockdown. 626 finish only.



**Schlage** **ND94**  
**ANSI** **F84**

**Classroom lock with Vandlgard**

- Outside lever disengaged and unlocked by key.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.

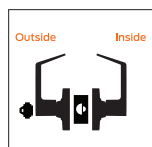


**Schlage** **ND95**  
**ANSI** **-**

**Classroom security lock**

- Key in either lever locks or unlocks outside lever.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.

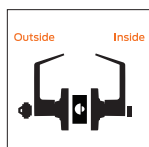
Comes standard with an indicator rose that clearly identifies key rotation direction for rapid lockdown. 626 finish only. Other finishes receive a standard rose.



**Schlage** **ND96**  
**ANSI** **F86**

**Storeroom lock with Vandlgard**

- Outside lever always disengaged.
- Entrance by key only.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.
- Available with Request to Exit (RX) function.



**Schlage** **ND97**  
**ANSI** **F90**

**Corridor lock with Vandlgard**

- Locked or unlocked by key from outside.
- Push-button locking from inside.
- Turning inside lever or closing door releases button.
- When outside lever is locked by key it can only be unlocked by key.
- Vandlgard allows outside spindle to disengage from latch when locked.
- Inside lever always free for immediate egress.



Key



Pushbutton



Turn/push  
button



Springlatch

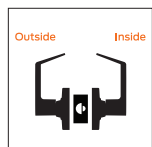


Deadlatch



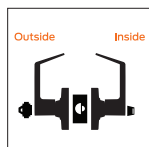


## Wired electrified functions



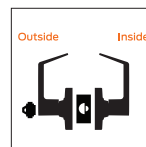
**Schlage** **ND12EL**  
**ND12EU**  
**ANSI** -  
**Keyless electrified exit**

- Outside lever continuously locked (EL) or unlocked (EU) by 12-24V DC.
- EL is fail safe (power fail unlocks outside lever).
- EU is fail secure (power fail locks outside lever).
- Inside lever always free for immediate egress.
- Available with Request to Exit (RX) function.



**Schlage** **ND80EL**  
**ND80EU**  
**ANSI** -  
**Electrified storeroom**

- Outside lever continuously locked (EL) or unlocked (EU) by 12-24V DC.
- EL is fail safe (power fail unlocks outside lever).
- EU is fail secure (power fail locks outside lever).
- Key outside serves as mechanical override.
- Inside lever always free for immediate egress.
- Available with Request to Exit (RX) function.



**Schlage** **ND96EL**  
**ND96EU**  
**ANSI** -  
**Electrified storeroom with Vandlgard**

- Adds Vandlgard to ND80EL/EU.
- Vandlgard allows outside spindle to disengage from latch when locked, limiting the ability of vandals to apply excessive force to the chassis.
- Available with Request to Exit (RX) function.



Key



Pushbutton



Turn/push  
button



Springlatch



Deadlatch



## Cylinders

### Conventional cylinder

<b>P</b>	6-pin Conventional (standard)
<b>Z</b>	SL 7-pin Conventional (A2 pinning)
<b>L</b>	Less Conventional
<b>C</b>	Less 6-pin Conventional double cylinder

### Full size interchangeable core (FSIC)

<b>R</b>	6-pin FSIC
<b>M</b>	SL 7-pin FSIC (A2 pinning)
<b>J</b>	Less FSIC
<b>T</b>	Refundable FSIC construction core

### Small format interchangeable core (SFIC)

<b>G</b>	7-pin SFIC (A2 pinning)
<b>B</b>	Less SFIC
<b>BDC</b>	Disposable SFIC construction core
<b>H</b>	Refundable SFIC construction core



## Cylinders

### Chassis

Material	Modular design of zinc and steel components plated for corrosion protection
Door thickness	Standard: 1 <sup>5</sup> / <sub>8</sub> " to 2 <sup>1</sup> / <sub>8</sub> " Optional: 1 <sup>3</sup> / <sub>8</sub> " - 6" EE, EO, EI, ED configurations

### Trim

Handing	Non-handed
Levers	Pressure cast zinc, plated to match product finish specification
Roses	Wrought brass, bronze, or zinc, plated to match product finish specification

### Latch

Backset	Standard: 2 <sup>3</sup> / <sub>4</sub> " Optional: 2 <sup>3</sup> / <sub>8</sub> ", 3 <sup>3</sup> / <sub>4</sub> ", 7 <sup>3</sup> / <sub>4</sub> "
Faceplate	Standard : 1 <sup>1</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>4</sub> " Optional: 1" x 2 <sup>1</sup> / <sub>4</sub> " for 2 <sup>3</sup> / <sub>8</sub> " backset doors
Latch	Standard : <sup>1</sup> / <sub>2</sub> " throw via Oil Impregnated Stainless Steel Optional : <sup>3</sup> / <sub>4</sub> " throw anti-friction bolt available for pairs of doors
Strike	Standard: ANSI Curved Lip: 1 <sup>1</sup> / <sub>4</sub> " x 4 <sup>7</sup> / <sub>8</sub> " x 1 <sup>3</sup> / <sub>16</sub> " Optional: T Strike, ANSI strikes with alternative lip lengths, dust box options

### Keying

Cylinder format	6-pin Conventional (standard); also available in FSIC, SFIC and 7-pin SL cylinder formats plus less cylinder options designed to fit competitive cores from Sargent, Corbin Russwin, Yale and Medeco.
Keyway	Patented Everest 29 S123 (standard); also available in open, restricted, and Primus XP security levels with available master keying and construction keying.

### Wired electrified

Input Voltage	Autodetecting 12-24V DC, + 10%
Operating mode	Fail Safe or Fail Secure via switch on chassis
Current draw	0.23 amps maximum; 0.01 amps holding
Request to Exit	Modular - 3A @ 125VAC / 2A @ 30VDC

### Warranty

10 years mechanical, 1 year wired electrified



## Specifications

### Certifications

ANSI/BHMA	All ND Series comply with A156.2 performance requirements for grade 1 cylindrical locks. Wired electrified complies with A156.25 (indoor).
ICC	Complies with ICC A117.1 Accessible and Usable Buildings and Facilities
UL/cUL	All locks 3-hour A label single fire door 4'0" x 10'0"; pair doors 3-hour fire door 8'0" x 8'0" with $\frac{3}{4}$ " latch option; pair doors 90-minute fire door 8'0" x 10'0" with $\frac{3}{4}$ " latch option
CA Fire Code	All levers with a return to door of $\frac{1}{2}$ " (64 mm) or less comply (Rhodes, Sparta, Tubular, Omega, Longitude and Boardwalk)
FL Building Code	Complies with Florida Building Code (ASTM E330, E1886, E1996) and Miami Dade (TAS 201, 202, 203) requirements for hurricanes
Federal	Meets FF-H-106C Series 161; BAA compliant, all functions.