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ALLEGION™

SCHLAGE

ND Series

Grade 1 cylindrical lock



Grade 1 is just the beginning

Schlage® is pleased to introduce the redesigned ND Series Grade 1 cylindrical lock. Already exceeding BHMA Grade 1 standards, the redesigned ND uses new springcages, levers and latches to take strength, performance and reliability to an all-new level.

Improved strength and security

- No access with minimum 3,100 in-lbs of lever torque (2.6x BHMA, for general abuse)¹
- No access with minimum 1,600 lbs of offset lever pull (8x BHMA, for pry-bar attacks)¹
- No access with minimum 100 vertical impacts (20x BHMA, for sledgehammer attacks)^{1,2}

Improved performance

- Near-zero droop and wobble beyond 16 million cycles (after 16x BHMA) – without the use of set screws or O-rings¹
- Latch retraction with up to 200 pound preload (4x BHMA) for confident operation in warped and preloaded doors

Improved reliability

- Cast steel spindle construction exceeding 16 million cycles
- Withstood aggressive Schlage development testing including lever-snap and abusive cycling

¹ Beyond grade 1 performance for ND locks with Schlage cylinders only (standard, FSIC & SFIC). Performance with non-Schlage cylinders will exceed BHMA Grade 1 requirements but may be less than the performance of products with Schlage cylinders.

² Vertical impact testing stopped after 100 blows with no failure or indication of stress.

Capabilities

Functionality

- 31 mechanical functions
- 6 wired functions with:
 - Autodetecting 12-24V DC input
 - Switch-selectable EL/EU operation
 - Modular request to exit (RX)
 - 0.230A max/0.010A holding current
- Available in 10 finishes, 5 lever designs, and 2 rose designs
- Multiple key systems available – open, patented, restricted, geographic exclusive, UL437
- Support for 10 non-Schlage cylinders including Best, Corbin Russwin, Medeco, Sargent and Yale

Certifications

- Exceeds BHMA A156.2 requirements for grade 1 cylindrical locks
- Exceeds BHMA A156.25 requirements for indoor electrified locks
- UL10C listed for 3-hour fire doors up to 4'0" x 10'0"
- Meets Florida Building Code (ASTM E330, E1886, E1996) and Miami Dade (TAS 201, 202, 203) requirements for hurricanes

How to order - New locks

ND Series locks

Lock type	Function + cylinder	Outside lever	Outside finish	Inside lever	Inside finish	Latch	Strike	Door thickness	Extension	Dimension	Options
Mechanical	ND53PD	ATH	626								
Electrified	ND80EUZD	RHO	605	SPA	619	14-048	10-013	214	EE	118	

Lock specifications

Function	See catalog or pricebook for full list of ND mechanical and wired electrified functions										
Cylinder	P (Standard cylinder, patented Everest 29) L (Less cylinder) C (less cylinder, double cylinder functions) Z (7-pin standard cylinder, Everest SL)			R (FSIC, patented Everest29) J (FSIC, less core) T (FSIC, Construction Core)			G (SFIC, patented Everest29) B (SFIC, less core) H (SFIC, construction core) BDC (SFIC, disposable core)				
	Non-Schlage cylinders: L-SAR (Sargent KIL); J-SAR (Sargent FSIC); L-CO6 (CR KIL); J-CO6 (CR FSIC); J-CO7 (CR FSIC 7-pin); J-YA6 (Yale FSIC & Medeco 31); J-YA7 (Yale FSIC 7-pin); J-MED (Medeco 32)										
	Note: Non-Schlage cylinders available in ATH, RHO, SPA, TLR levers only, except CR and Yale FSIC 7-pin available in RHO lever only										
Outside lever	ATH (Athens), OME (Omega), RHO (Rhodes), SPA (Sparta), TLR (Tubular) Note: Specify tactile as 8AT (Athens), 8RO (Rhodes), 8SP (Sparta), 8TR (Tubular)										
Outside finish	605 Bright brass (US3) 606 Satin brass (US4) 612 Satin bronze (US10) 613 Oil rubbed bronze (US10B)			619 Satin nickel (US15) 622 Matte black (US19) 625 Bright chrome (US26)			626 Satin chrome (US26D) 626AM Satin chrome anti-microbial 643e Aged bronze (US11)				
Inside lever	Specify only if different from outside lever. Same options as outside lever.										
Inside finish	Specify only if different from outside finish. Same options as outside finish.										
Latch	Specify only if different from standard latch.										
Strike	Specify only if different from standard strike.										
Door thickness	Specify only if outside standard door range (1 5/8"-2 1/8"). Optional range from 1 3/8" - 6".										
Extension	Specify only for doors 2 1/8" or greater. Example: EE=Extended Equally, EI=Extended Inside, EO = Extended Outside, ED = Extended Differently										
Dimension	Specify only for non-standard strike lip length.										
Options	Specify any additional requirements or options. Example: KA = Keyed Alike, KD = Keyed Different, Obit, etc...										

Conversion kits

Conversion kits are available that allow prior versions of the ND lock to be upgraded to the new "beyond grade 1" status. Conversion kits consist of a springcage + lever, and may be ordered for either or both sides of the lock. Prior ND components will continue to be supported.

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Conversion kit specifications - specify each of the following

Part number	40-400 (outside trim), 40-600 (inside trim)										
Function	See catalog or pricebook for full list of functions										
Trim	ATH (Athens), OME (Omega), RHO (Rhodes), SPA (Sparta), TLR (Tubular) Note: Specify tactile as 8AT (Athens), 8RO (Rhodes), 8SP (Sparta), 8TR (Tubular)										
Finish	605 Bright brass (US3) 606 Satin brass (US4) 612 Satin bronze (US10) 613 Oil rubbed bronze (US10B) 619 Satin nickel (US15)			625 Bright chrome (US26) 626 Satin chrome (US26D) 626AM Satin chrome anti-microbial 643e Aged bronze (US11)							
Core (cylinder trim only)	KIL (standard Schlage cylinder) FSIC (Schlage FSIC) SFIC (SFIC)			J-CO6 (Corbin Russwin FSIC) J-YA6 (Yale and Medeco 31 FSIC) J-SAR (Sargent FSIC) L-SAR (Sargent KIL)							

Example

Part number	Function	Trim	Finish	Core (cylinder trim only)
40-400	ND50	RHO	626	KIL

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.