



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.