

FALCON®

Grade 2, medium-duty cylindrical lever and knob locks

W Series

Overview

Designed to offer more functions and finish options than other grade 2 locks, W Series has what you need at the right price. With seven popular lever styles along with two knob styles and your choice of rose diameters (large and small), Falcon® W Series can match most commercial door trim. The Falcon W Series locks feature conventional cylinders and small format interchangeable cores that are compatible with SFIC products from other manufacturers. Our conventional cylinders are available in all Falcon conventional key sections as well as Schlage C keyway, which we now masterkey across the complete Falcon product line. The Falcon W Series offers quality product at a value price, and is backed by one of the best names in the business—Allegion.



Finishes



605
Bright Brass



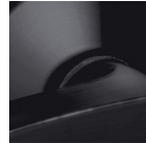
606
Satin Brass



613
Oil Rubbed
Bronze



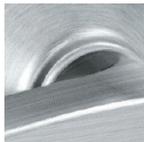
619¹
Satin Nickel



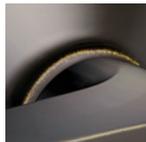
622¹
Matte Black



625
Bright Chrome



626
Satin Chrome



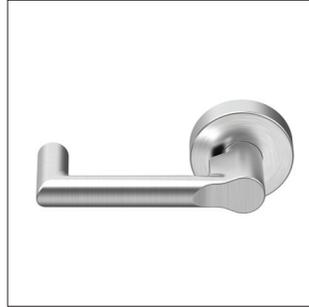
643e¹
Aged Bronze

¹ Finish available for lever options only

Lever styles



Avalon (AVA)



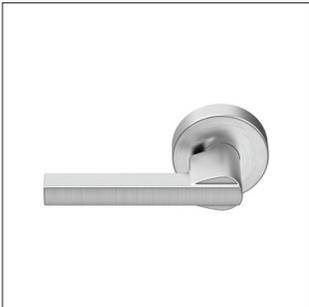
Boardwalk (BRK)



Broadway (BRW)



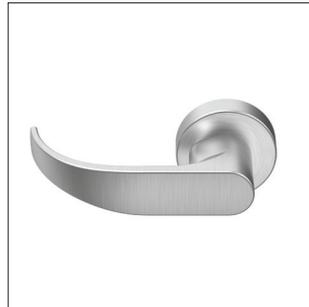
Dane (DAN)
Dane with abrasive tactile
warning (6DA)¹



Latitude (LAT)



Longitude (LON)



Quantum (QUA)
Quantum with abrasive tactile
warning (6QU)¹

Knob styles



Elite (ELI)

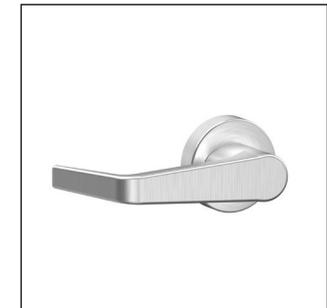


Hana (HAN)

Rose styles



Standard rose
Dane lever shown



Small rose (SR)
Available on levers only
Dane lever shown

¹ Not available in 613 finish

Dimensions

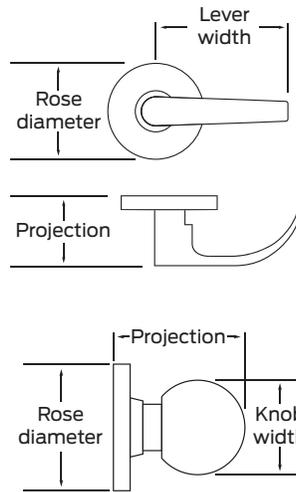
| Lever | Width | Projection |
|-----------------|--------|------------|
| Avalon (AVA) | 4 1/2" | 2 1/2" |
| Boardwalk (BRK) | 5" | 2 1/2" |
| Broadway (BRW) | 4 1/2" | 2 1/2" |
| Dane (DAN) | 4 5/8" | 2 1/2" |
| Latitude (LAT) | 4 1/2" | 2 3/8" |
| Longitude (LON) | 5" | 2 3/8" |
| Quantum (QUA) | 4 5/8" | 2 3/8" |

| Knob | Width | Projection |
|-------------|---------|------------|
| Elite (ELI) | 2 1/8" | 2 15/32" |
| Hana (HAN) | 2 3/16" | 2 9/16" |

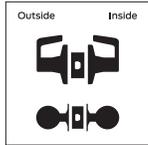
| Rose | Diameter |
|------------|----------|
| Standard | 3 3/8" |
| Small (SR) | 2 9/16" |

Note: Return to door meets 1/2" requirement for Dane (DAN), Quantum (QUA), Boardwalk (BRK) and Longitude (LON) levers.

Specify lever only if standard rose is desired. When ordering small rose you must specify both rose and lever. Example: Small rose-Avalon specify as SRA; Small rose-Latitude specify as SRLA; Small rose-Quantum specify as SRQ.

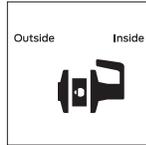


Functions



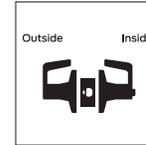
Falcon 101
ANSI F75
Passage/closet latch

- Latch bolt operated by levers/knobs from either side at all times.
- Inside lever/knob always free for immediate egress.



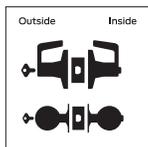
Falcon 161
ANSI F111
Communicating/exit set

- Latch bolt operated by inside lever/knob.
- Non-removable blank plate outside.
- Inside lever/knob always free for immediate egress.



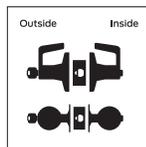
Falcon 201
ANSI F77
Patio lock

- Latch bolt operated by levers/knobs.
- Outside lever/knob is locked by push button from inside. Rotating inside lever/knob or closing door releases button and unlocks outside lever/knob.
- Inside lever/knob always free for immediate egress.



Falcon 301
ANSI F76
Bath/bedroom privacy lock

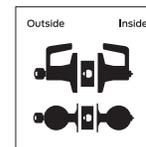
- Latch bolt operated by levers/knobs from either side.
- Outside locked by push button on inside lever/knob.
- Rotating inside lever/knob or closing door releases button. Emergency release tool used on outside unlocks door.
- Inside lever/knob always free for immediate egress.



Falcon 501
ANSI F82
Entry lock

- Latch bolt operated by lever/knob from either side.
- Push button locking. Button on inside locks outside lever/knob until unlocked by key or by rotating inside lever/knob.
- Inside always free for immediate egress.

This lock will stay locked when the door is closed. If you want your door to unlock when it closes, please purchase the 571 function.



Falcon 511
ANSI F109
Entry/office lock

- Turn/push button locking: Pushing and turning button locks outside lever/knob requiring use of key until button is manually unlocked.
- Push button locking: Pushing button locks outside lever/knob until unlocked by key or by rotating inside lever/knob.
- Inside lever/knob always free for immediate egress.
- Latch bolt operated by levers/knobs.
- Key enables only unlocking from outside.



Key



Emergency key



Pushbutton



Turn/push button

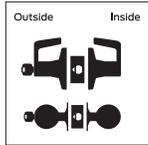


Springlatch



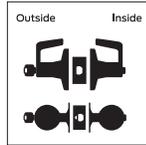
Deadlatch

Functions



Falcon 561
ANSI F84
Classroom lock

- Latch bolt operated by lever/knob.
- Outside lever/knob is locked by key in outside lever/knob.
- Inside always free for immediate egress.

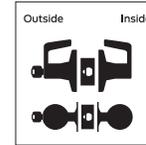


Falcon 571
ANSI F90
Dormitory/corridor lock

- Latch bolt operated by levers/knobs except when locked by push button from inside.
- Key in outside lever/knob locks or unlocks lever/knob and releases button.
- Closing door releases push button.
- Inside always free for immediate egress.

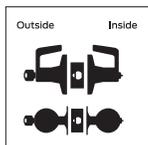
This lock will unlock when the door is closed. If you want your door to remain locked when it closes, please purchase the 501 function.

You cannot lock from outside using key, locking function inside only.



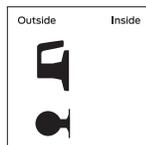
Falcon 581
ANSI F86
Storeroom lock

- Latch bolt operated by lever/knob inside or key outside.
- Outside lever/knob is inoperable.
- Inside always free for immediate egress.



Falcon 711
ANSI -
Apartment entrance lock

- Latch bolt operated by levers/knobs.
- Turn/push button locking: Pushing and turning button locks outside lever/knob requiring use of a key for unlocking the door until button is manually unlocked.
- Push button locking:
- Pushing button locks outside lever until unlocked by key, by rotating inside lever, or by closing the door.
- Inside always free for immediate egress.



Falcon 12
ANSI -
Dummy trim

- Single trim, surface-mounted rigid lever.

Double dummy trim available for W Series levers only.



Key



Emergency key



Pushbutton



Turn/push button



Springlatch



Deadlatch

Cylinders

Conventional cylinder

| | |
|------------|---|
| L | Less 6-pin conventional cylinder |
| P | 6-pin conventional cylinder (pinned to 5) |
| P6 | 6-pin conventional cylinder (pinned to 6) |
| CP6 | 6-pin conventional cylinder, Schlage C |

Small format interchangeable core (SFIC)

| | |
|----------------------|-----------------------------------|
| B | Less SFIC |
| BB | 7-pin SFIC, Best style |
| BDC | SFIC disposable construction core |
| G¹ | SFIC, Falcon style ¹ |
| H | SFIC refundable construction core |

¹ 6-pin standard, specify G7 if 7-pin is desired.

Availability of conventional cylinders in competitive keyways (6-pin)

The W Series lockset can be ordered with a conventional cylinder in a number of competitive open keyways. For a complete list of options see the Falcon catalog or price book.

Compatibility with competitors' SFIC cylinders

Falcon locksets also accept the following cores:

- Schlage
- Arrow (including Flex Core)
- Best (including PKS and Peaks)
- InstaKey
- Kaba Peaks
- Keymark
- KSP

When specifying "B" for less SFIC cylinder, please note that these manufacturer's cylinders all fit the Falcon lever and spring cage configuration. The appropriate Falcon tailpiece will be provided with the lockset.

Specifications

Chassis

| | |
|----------------|--|
| Material | Parts constructed of brass or cold-formed steel, zinc plated and dichromated for rust resistance. Springs are stainless steel. |
| Door thickness | 1 ³ / ₈ " to 1 ³ / ₄ " standard |

Trim

| | |
|---------|---|
| Handing | Non-handed |
| Lever | Standard: Levers are pressure cast zinc (solid levers no inserts) material finished to match mating parts. Optional: Tactile feature |
| Rose | Roses are heavy wrought brass or bronze, installed over steel rose inserts which are through-bolted. |

Latch

| | |
|-----------|---|
| Backset | Standard rose: 2 ³ / ₄ " backset Small rose: 2 ³ / ₈ " backset |
| Faceplate | 1 ¹ / ₈ " x 2 ¹ / ₄ ", square corner faceplate |
| Latch | 1" housing diameter, 1/2" throw |
| Strike | 4 ⁷ / ₈ " x 1 ¹ / ₄ " ANSI strike with curved lip to meet ANSI A115.2 door frame preparation standard |

Keying

| | |
|-----------------|---|
| Cylinder format | Conventional cylinder, drilled with 6-pin chambers, pinned in 5 comes standard. Pinning in 6 chambers available (at no cost) when specified. Optional 7-pin conventional and 6- or 7-pin Small Format Interchangeable Core (SFIC) cylinders. Cylinder housings and plugs machined from solid brass. Springs are phosphor bronze. Two nickel silver keys furnished standard. |
| Keyway | "G" keyway standard on conventional cylinders; "A" keyway standard on SFIC cylinders. Additional options: Falcon, Schlage and many Best and Arrow keyways. |

Screws

Furnished with combination screws for use in wood or metal doors and frames.

Warranty

Limited warranty, 10 years from date of manufacturer, see price book for details.

Certifications

| | |
|--------------|--|
| ANSI/BHMA | Certified ANSI/BHMA A156.2, Series 4000, Grade 2 |
| UL/cUL | Listed for 3-hour fire door, A label |
| CA Fire Code | All levers with a return to door of 1/2" (64 mm) or less comply (Boardwalk, Dane, Longitude and Quantum) |
| Federal | BAA Listed |
| Other | ADA compliant |