



CK4400 Series

Standard-Duty Cylindrical Knob Locksets



Product Catalog

Experience a safer
and more open world

Applications

CK4400 Series



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Applications

An outstanding combination of value and performance. Ideal for quality residential and light commercial buildings, such as:

- Fine homes
- Apartments
- Motels
- Offices

Advantages

- Wide array of functions
- Precision manufactured mechanisms, zinc dichromated for corrosion resistance
- Stainless steel latchbolt for long life
- Adjustable latchbolts accommodates flat and beveled doors
- Stainless steel trim available



Features

Handing

Field reversible.

Door Thickness

1-3/8" (35mm) - 1-3/4" (44mm) standard.

Backset

2-3/4" (70mm) standard.

Optional: 2-3/8" (60mm), 3-3/4" (95mm) and 5" (127mm); see How to Order, page 9.

Lock Chassis

Steel, zinc dichromated for corrosion resistance.

Front

Wrought brass, bronze, or stainless steel, 2-1/4" (57mm) x 1-1/8" (29mm) standard.

Accommodates flat doors and doors beveled 1/8" (3mm) in 2" (51mm).

Optional fronts available; see How to Order, page 9.

Latchbolt

Brass or stainless steel, 1/2" (13mm) throw.

Auxiliary Latchbolt

Deadlocking latchbolt prevents manipulation when door is closed.

Strike

Wrought brass, bronze, or stainless steel ANSI curved lip standard, 4-7/8" (124mm) x 1-1/4" (32mm) x 1-1/4" (32mm) lip to center.

Optional strikes, lip lengths and ANSI wrought strike box available; see How to Order, page 9.

Cylinder

Brass, 6-pin L4 keyway, 0-bitted standard.

Keying Features Available

Master keying

Construction master keying

Keys

Two nickel silver standard.

Warranty

One-year limited.

Certification/Compliance

ANSI/BHMA

Certified and meets A156.2 Series 4000, Grade 2. 

Federal

Meets FF-H-106C.

UL-cUL

UL/ULC

All locks with listed for A label and lesser class single doors, 4' x 8'.

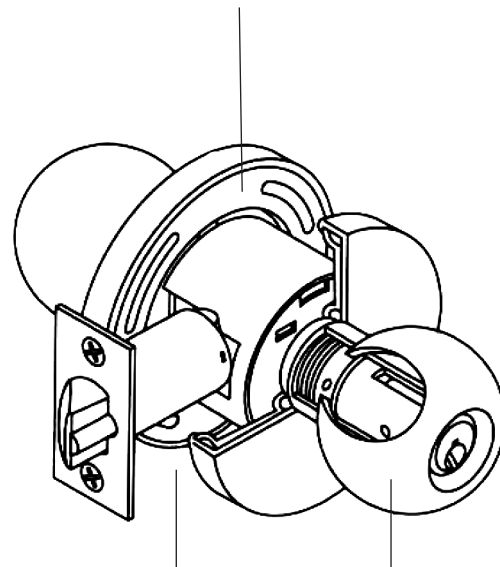
Letter F and UL symbol on latch front indicate listing.

Any retrofit or other field modification to a fire-rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Finishes

| | |
|-----------------------|-----------------------------|
| ANSI/BHMA 605 (US3) | Bright Brass |
| ANSI/BHMA 612 (US10) | Satin Bronze |
| ANSI/BHMA 613 (US10B) | Oxidized Bronze, Oil Rubbed |
| ANSI/BHMA 629 (US32) | Bright Stainless Steel |
| ANSI/BHMA 630 (US32D) | Satin Stainless Steel |

Inside rose liner through-bolted to lock chassis to ensure proper alignment and smooth operation

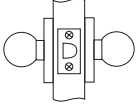
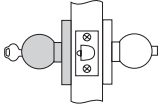
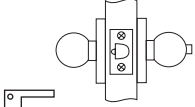
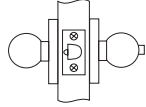
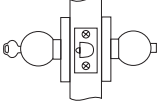
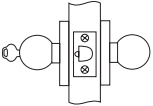
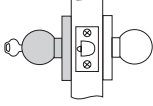
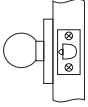
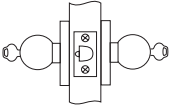
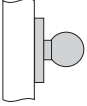


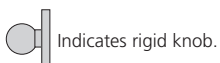
Knob designs compatible with Corbin Russwin Pre-Assembled Unit Locks, Mortise Locksets, Exit Devices and other Cylindrical Locks

2-3/8" (60mm), 2-3/4" (70mm), 3-3/4" (95mm) and 5" (127mm) backsets available

Functions

CK4400 Series

| Outside | Inside | Series/Function | Type | ANSI No. | Function Description |
|---|--------|-----------------|------------------------------|----------|---|
|  | | CK4410 | Passage or Closet | F75 | <ul style="list-style-type: none"> Latchbolt by knob either side. Both knobs always free. |
|  | | CK4429 | Hotel or Motel | F93 | <ul style="list-style-type: none"> Deadlocking latchbolt by knob inside or by key outside. Push button shuts out all keys except emergency key, and projects occupancy indicator in face of cylinder. Push button released by turning inside knob or by closing door.* Outside knob always rigid. Inside knob always free. |
|  | | CK4430 | Privacy, Bedroom or Bathroom | F76A | <ul style="list-style-type: none"> Deadlocking latchbolt by knob either side. Outside knob locked by push button. Outside knob unlocked by turning slotted button outside, by rotating inside knob, or by closing door. Inside knob always free. |
|  | | CK4440 | Patio or Privacy | F77A | <ul style="list-style-type: none"> Deadlocking latchbolt by knob either side, except when push button locks outside knob. Push button released by turning inside knob or by closing door. Inside knob always free. |
|  | | CK4451 | Entrance or Office | F109 | <ul style="list-style-type: none"> Deadlocking latchbolt by knob either side, except when turn button locks outside knob. Pushing turn button in locks outside knob, requiring use of key outside to unlock. Turning inside knob unlocks outside knob. Pushing in and turning button locks outside knob, requiring key at all times. Turning inside knob does not unlock outside knob until button is manually turned to unlocked position. Inside knob always free. |
|  | | CK4455 | Classroom | F84 | <ul style="list-style-type: none"> Deadlocking latchbolt by knob either side except when key outside locks outside knob. Outside knob unlocked by key outside. Inside knob always free. |
|  | | CK4457 | Storeroom or Closet | F86 | <ul style="list-style-type: none"> Deadlocking latchbolt by key in outside knob, or by rotating inside knob. Outside knob always rigid. Inside knob always free. |
|  | | CK4480 | Communicating or Exit | F111 | <ul style="list-style-type: none"> Deadlocking latchbolt by knob outside only. Blank rose inside; no inside operation. |
|  | | CK4482 | Store Door | F91 | <ul style="list-style-type: none"> Deadlocking latchbolt by knob either side, except when key either side locks both knobs. Keyed alike unless otherwise specified. |
|  | | CK4450 | Half Dummy Trim | — | <ul style="list-style-type: none"> Knob acts as pull only; no operation. Knob is rigid. |



*Unless push button has been fixed in locked position by spanner key (furnished). When push button is fixed by spanner key, lock is operable only by emergency key or by display key.

Trim Designs

CK4400 Series



Global

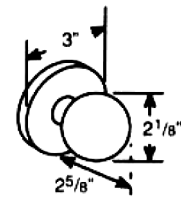
Brass, bronze or stainless steel



GWC

Knob: Wrought

Rose: Wrought reinforced

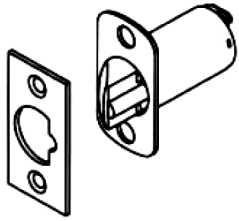


Options and Accessories

CK4400 Series

Latches

Deadlocking feature standard, preventing manipulation when door is closed.
To order optional latchbolt with lockset, see How to Order, page 9.
To order latchbolt separately, specify Part No. x Finish (e.g. 574F55 x 626).



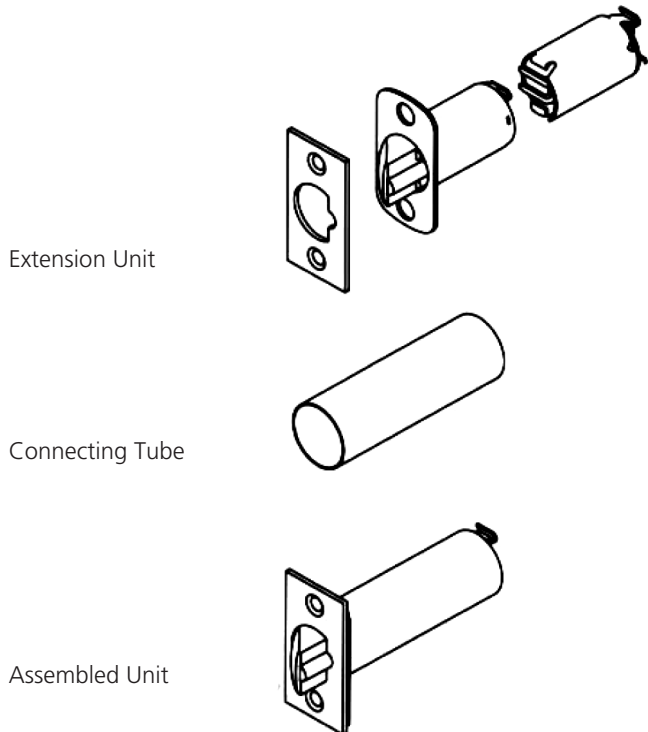
| Description | Series/Function | Part NO. |
|-----------------------|--|----------|
| 2-3/4" (70mm) Backset | CK4410, CK4451, CK4455, CK4457, CK4480, CK4482 | 574F55 |
| | CK4429, CK4430, CK4440 | 574F56 |
| 2-3/8" (60mm) Backset | CK4410, CK4451, CK4455, CK4457, CK4480, CK4482 | 574F29 |
| | CK4429, CK4430, CK4440 | 574F30 |

Extended Backsets

When 3-3/4" (95mm) backset is specified, Extension Unit and Connecting Tube will be furnished for use with 2-3/8" (60mm) backset latch. When 5" (127mm) backset is specified, Extension Unit and Connecting tube will be furnished for use with 2 3/4" (70mm) backset.

To order optional backset with lockset, see How to order, page 9.

To order backset Extension Unit and Connecting Tube, specify Part No. 574F25 for 3-3/4" (95mm) or Part No. 574F26 for 5" (127mm).



Extension Unit

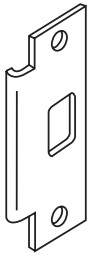
Connecting Tube

Assembled Unit

Options and Accessories

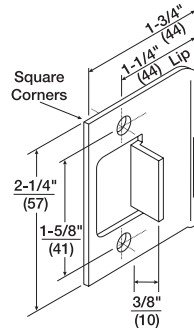
CK4400 Series

Strikes



ANSI Curved Lip (standard)

Brass or stainless steel.
4-7/8" x 1-1/4" x 1-1/4" lip to center.
Optional lip lengths: 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 2-3/4", 3".
To order with lockset, specify quick code found on pages 9.
To order separately, specify 217L13 x Lip Length x Finish.

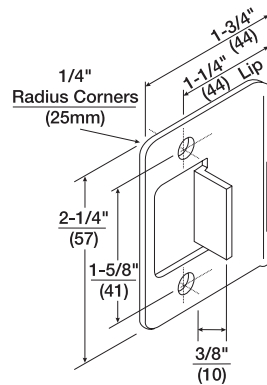
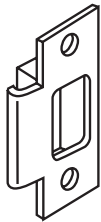


Full Lip Strike – 1/4" Radius Corners

Brass or stainless steel.
Similar in dimension and function to L50 strike (above) but with radius corners for easy mortising by power tools. To order separately specify 680L51M020 x Finish. Anti-rattle tab.

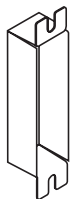
Curved Lip Box

Brass.
2-3/4" x 1-1/8" x 1-1/4" lip to center.
Optional lip lengths: 1", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", 2-3/4", 3".
To order with lockset, specify quick code found on pages 9.
To order separately, specify 586L19 x Lip Length x Finish.



Full Lip Strike

Brass or stainless steel.
2-1/4" x 1-3/4" x 1-1/4" lip to center.
No optional lip lengths.
To order separately specify 680L50M020 x Finish. Anti-rattle tab.



ANSI Wrought Strike Box

To order with lockset, specify quick code found on page 9. To order separately, specify 120F768.

Tools

Knob Cover Removal Tool

To order, specify 506F57-8.



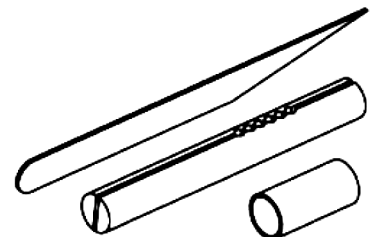
Knob Removal Tool

To order, specify 574F15-8.



Cylinder Shell Loading Kit

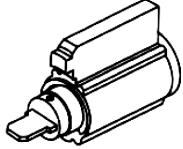
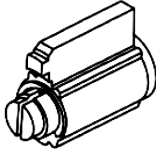
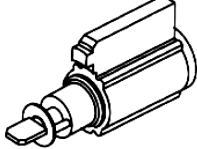
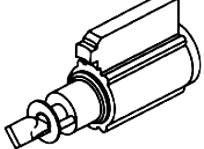
To order, specify CT-10.



Cylinders/How to Order

CK4400 Series

Cylinders

| | | | | |
|--|---|---|--|---|
| Standard Cylinder .509" plug diameter conventional Brass, 6-pin 2 nickel silver keys Finishes: 606, 619 |  |  |  |  |
| Series/Function | All except CK4429 | CK4455, CK4482 before August 1993 | CK4429 with straight tailpiece | CK4429 with twisted tailpiece |
| Conventional 6-pin (standard) | 2000-044 | 2003-044 | 2001-044 | 2001-066 |

Ordering Examples

Stock Order

| Quantity | Series/Function | Trim | Finish | Hand |
|----------|-----------------|------|--------|------|
| 100 | CK4451 | GWC | 630 | RHR |

Split Finish Order

Privacy function CK4430 only; inside finish 629 only.

| Quantity | Series/Function | Finish | | | Hand |
|----------|-----------------|--------|---------|--------|------|
| | | Trim | Outside | Inside | |
| 12 | CK4430 | GWC | 605 | 629 | RH |

Contract / Detailed Order

| Quantity | Keyset | Series/Function | Trim | Finish | Hand | Optional Strike | Backset | Misc. Options | Keying |
|----------|--------|-----------------|------|--------|------|-----------------|---------|---------------|--------|
| 24 | AA1 | CK4451 | GWC | 630 | RHR | SA134 | B238 | M17 | VKC1 |

Where to find ordering information and quick codes

| | |
|-----------------------|--------|
| Series/Function | Page 4 |
| Trim Designs | Page 5 |
| Finish | Page 9 |
| Handing | Page 9 |
| Door Thickness | Page 9 |
| Strike | Page 9 |
| Backset | Page 9 |
| Miscellaneous Options | Page 9 |
| Cylinder and Keying | Page 9 |

Quick Codes

CK4400 Series

Cylinder and Keying

| Description | Specify |
|-----------------------------|-----------------|
| Conventional 6-pin | (standard) |
| Less cylinder(s) | LC |
| 0-bitted with 2 blank keys | (standard) |
| Keyed random | KR |
| Construction master keyed | CMK |
| Visual key control (VKC) | |
| Keys only | VKC1 |
| Concealed key control (CKC) | |
| CKC cylinders with VKC keys | CKC2 |
| CKC cylinders only | CKC3 |
| 2 keys per lock | (standard) |
| More than 2 keys | KY# (e.g., KY6) |

Backset

| Description | Specify |
|---------------|------------|
| 2-3/8" (60mm) | B238 |
| 2-3/4" (70mm) | (standard) |
| 3-3/4" (95mm) | B334 |
| 5" (127mm) | B500 |

Finishes

| Description | Specify |
|---|---------|
| ANSI/BHMA 605 (US3) Bright Brass | 605 |
| ANSI/BHMA 612 (US10) Satin Bronze | 612 |
| ANSI/BHMA 613 (US10B) Oxidized Bronze, oil rubbed | 613 |
| ANSI/BHMA 629 (US32) Bright Stainless Steel | 629 |
| ANSI/BHMA 630 (US32D) Satin Stainless Steel | 630 |

Strikes

| ANSI Lip to Center | ANSI Curved Lip Specify | Curved Lip Box Specify | Full Lip Specify | Full Lip Radius Corner Specify |
|--------------------|-------------------------|------------------------|------------------|--------------------------------|
| 1" (25mm) | SA100 | SC100 | N/A | N/A |
| 1-1/8" (29mm) | SA118 | SC118 | N/A | N/A |
| 1-1/4" (32mm) | (standard) | SC114 | SF114 | SF114 |
| 1-3/8" (35mm) | SA138 | SC138 | N/A | N/A |
| 1-1/2" (38mm) | SA112 | SC112 | N/A | N/A |
| 1-3/4" (44mm) | SA134 | SC134 | N/A | N/A |
| 2" (51mm) | SA200 | SC200 | N/A | N/A |
| 2-1/4" (57mm) | SA214 | SC214 | N/A | N/A |
| 2-1/2" (64mm) | SA212 | SC212 | N/A | N/A |
| 2-3/4" (70mm) | SA234 | SC234 | N/A | N/A |
| 3" (76mm) | SA300 | SC300 | N/A | N/A |

Handing

| Description | Specify |
|--------------------|---------|
| Right Hand | RH |
| Left Hand | LH |
| Right Hand Reverse | RHR |
| Left Hand Reverse | LHR |

Door Thickness

| Door Thickness | Specify |
|-------------------------------|------------|
| 1-1/4" (32mm) - 1-3/4" (44mm) | (standard) |

Miscellaneous Options

| Description | Specify |
|--|---------|
| 1" latch front, square corners (for 2-3/8" backset only) | M14 |
| ANSI wrought strike box | M17 |
| Abrasive coat outside and inside | M23 |
| Abrasive coat inside | M24 |
| Abrasive coat outside | M25 |

Helpful Terms

CK4400 Series

Abrasive Coat

Hard granular material applied to a knob or lever to provide a non-slip tactile surface for the visually impaired.

Auxiliary Latchbolt

A supplementary latch which, when the door is closed, automatically deadlocks the latchbolt. Protects the latchbolt from forced retraction or "credit carding."

Backset

The distance from the front of the lock to the centerline of the cylinder or knob/lever hub.

Bevel

The angle of the edge of a door in relation to the inside and outside surfaces of the stile. The most common bevel for commercial doors is 1/8" in 2".

Box Strike

A strike equipped with an enclosure behind the hole(s) for the latchbolt and/or deadbolt. Protects the strike area from mortar and cement.

Chassis

The housing of a lockset, containing most of the working parts.

Curved Lip Strike

A strike with the lip curved to conform to the detail of the door frame.

Dummy Trim

Trim only, without the lock or latching mechanism, usually used on the inactive door of a pair of doors for design balance.

Front

The part of a lock visible on the edge of a door.

Hand

The direction a door swings.

Latchbolt

A lock component having a beveled end that projects from the lock front but may be forced back into the chassis by end pressure or drawn back by action of the retractor. When the door is closed, the latchbolt projects into a hole provided in the strike, holding the door in the closed position.

Strike

A metal plate that is pierced or recessed to receive the deadbolt or latchbolt of a lock (sometimes called a keeper).

Throw

The distance that a lock's deadbolt or latchbolt projects when in the locked position. The effective throw is the distance that a latchbolt projects when deadlocked.

Wrought Strike Box

A metal box mounted behind the strike to protect the strike opening from mortar or cement.

Keying and Cylinder Terms Construction Master Keying (CMK)

A cylinder preparation which allows temporary access by construction personnel.

Cylinder

A lock component containing the combination which determines which keys will operate.

Key Section

The cross-section of a key blade, as viewed from bow to tip.

Key Symbol

A letter/number combination in standard industry format (e.g., 1AA, AA1, etc.) which indicates exactly how a key or cylinder fits into a keying system.

Keyway

The opening in a cylinder plug through which the key enters.

Master Keying

Preparation of a cylinder to operate with keys or different levels of access.

How to Specify

CK4400 Series

Suggested Specification

All locksets shall be CK4400 Series Standard Duty Cylindrical Knob Lockets as manufactured by Corbin Russwin Architectural Hardware.

Locks shall have a steel chassis with zinc dichromate plated parts for rust resistance.

All knobs and roses shall be of reinforced construction. All inside and outside knobs shall be of the same profile and projection for aesthetic continuity.

All locksets and latchbolts shall be field reversible for ease of installation.

The latchbolt shall be adjustable to accommodate flat or beveled doors, shall have a 1/2" throw and shall include an auxiliary deadlocking feature to inhibit manipulation when door is closed.

All locksets shall be furnished with 2 nickel silver keys. All cylinder plugs shall be furnished with 6-pin chambers for expanded master keying capabilities.

All locksets shall be listed by Underwriters Laboratories for A label and lesser class single doors, 4' x 8'.

Certification:

Federal Specification FF-H-106C

UL-cUL 3-Hour Fire Rating

ANSI/BHMA A156.2 Series 4000, Grade 2

All locks, trim and cylinders shall be from one manufacturer.

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, locks, perimeter fencing, access control and service.



For additional information, contact your
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sales consultant or visit www.corbinruswin.com.

In U.S.

Corbin Russwin
Architectural Hardware
225 Episcopal Road
Berlin, CT 06037
Phone: 800-543-3658
Fax: 800-447-6714
www.corbinruswin.com

In Canada

ASSA ABLOY Door
Security Solutions Canada
160 Four Valley Drive
Vaughan, Ontario
Canada L4K 4T9
Phone: 800-461-3007
Fax: 800-461-8989
www.assaabloydss.ca