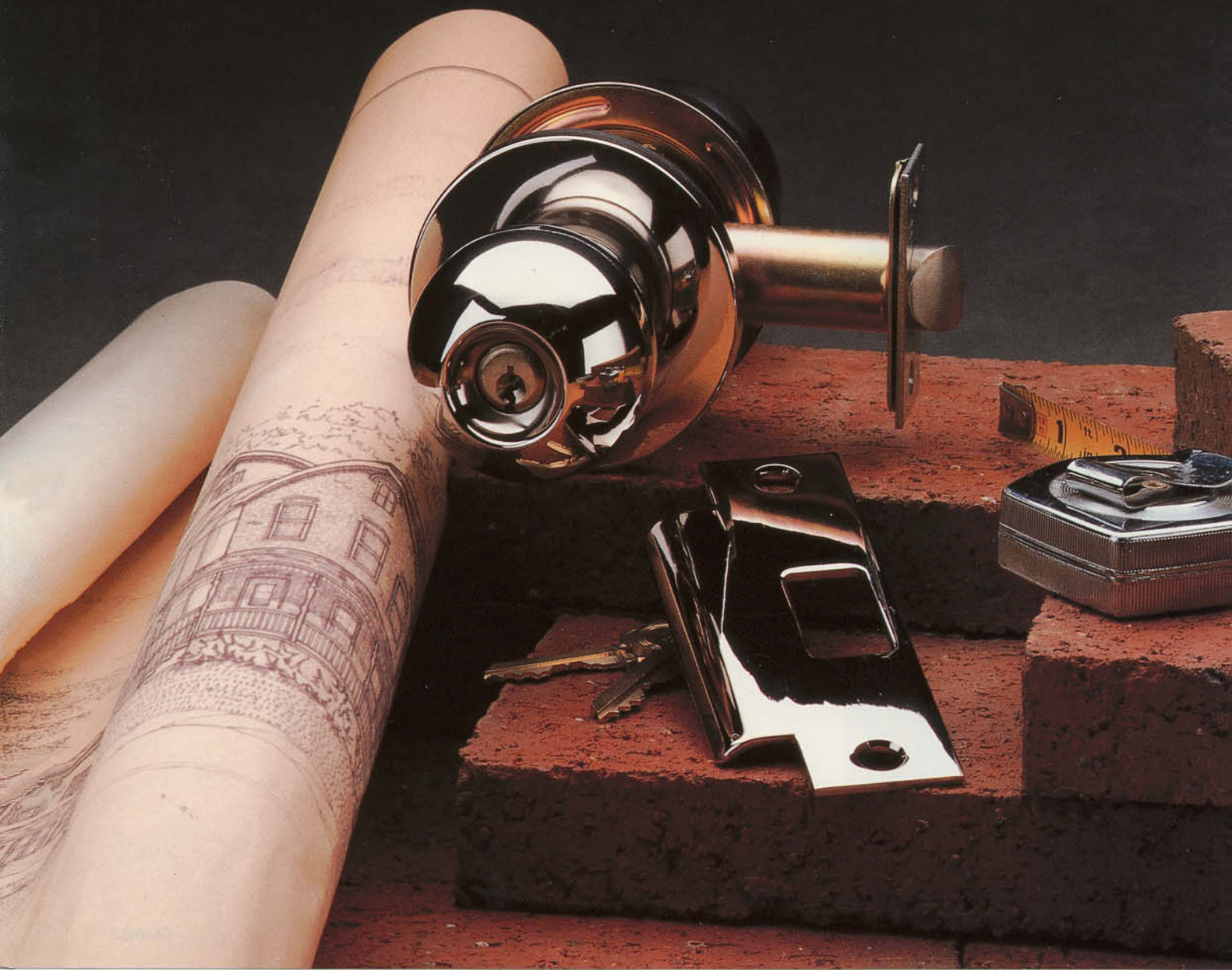
Standard Duty Cylindrical Knob Locksets CK4400 Series

Corbin Russwin™



Standard Duty Cylindrical Knob Locksets CK4400 Series

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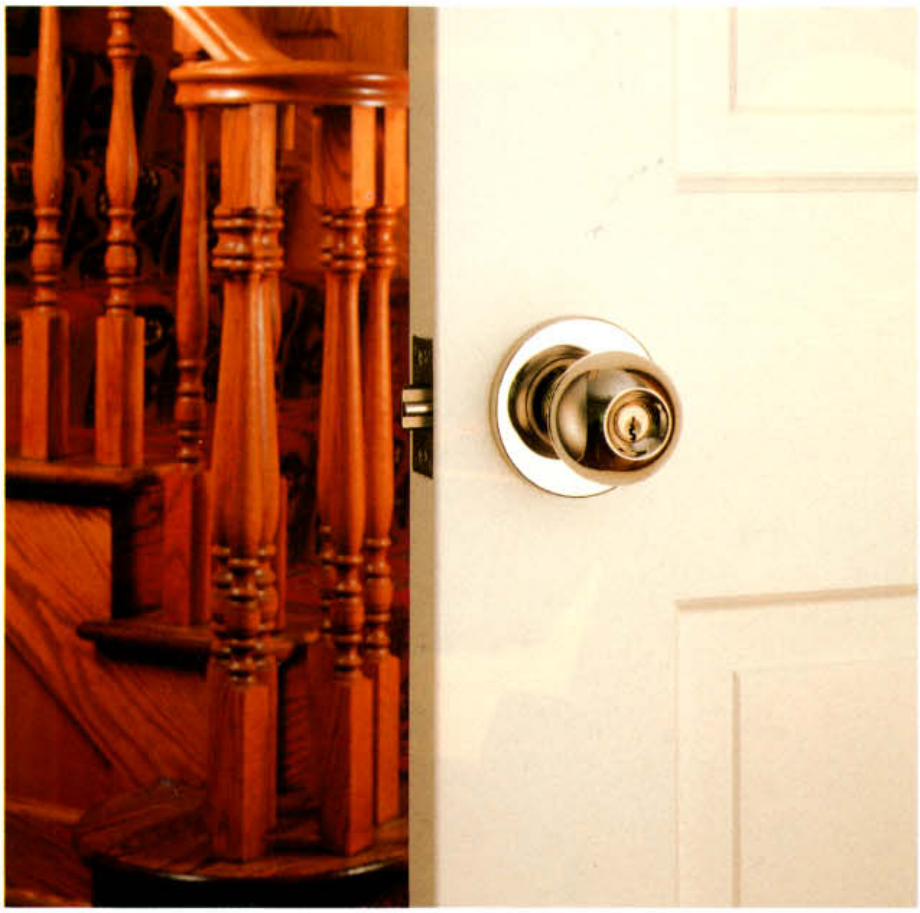
Applications

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 latchbolt accommodates flat and beveled doors
- Stainless steel trim available



Standard Duty Cylindrical Knob Locksets CK4400 Series

Features

Handing
Field reversible.

Door Thickness
1⅜" to 1¾" standard.

Backset
2¾" standard.
Optional: 2⅜", 3¾" and 5"; see How to Order, page 9.

Lock Chassis
Steel, zinc dichromated for corrosion resistance.

Front
Wrought brass, bronze or stainless steel, 2¼" x 1⅛" standard. Accommodates flat doors and doors beveled ⅛" in 2".
Optional fronts available; see How to Order, page 9.

Latchbolt
Brass or stainless steel, ½" throw.

Auxiliary Latchbolt
Deadlocking latchbolt prevents manipulation when door is closed.

Strike
Wrought brass, bronze or stainless steel, ANSI curved lip standard, 4⅞" x 1¼" x 1¼" 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

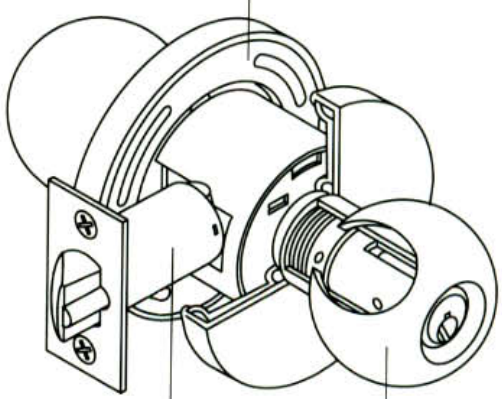
ANSI
Meets A156.2 Series 4000, Grade 2.

Federal
Meets FF-H-106C.

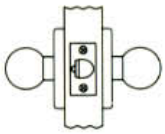
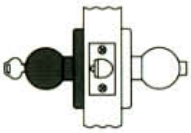
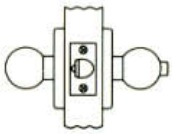
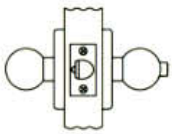
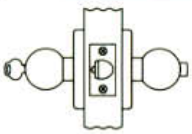
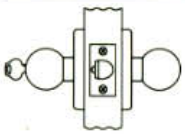
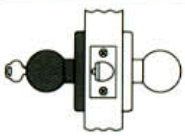
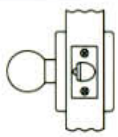
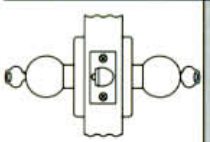
UL/ULC
All locks listed for A label and lesser class single doors, 4' x 8'.
Letter F and UL symbol on latch front indicate listing.

Finishes

BHMA 605	Bright Brass
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel



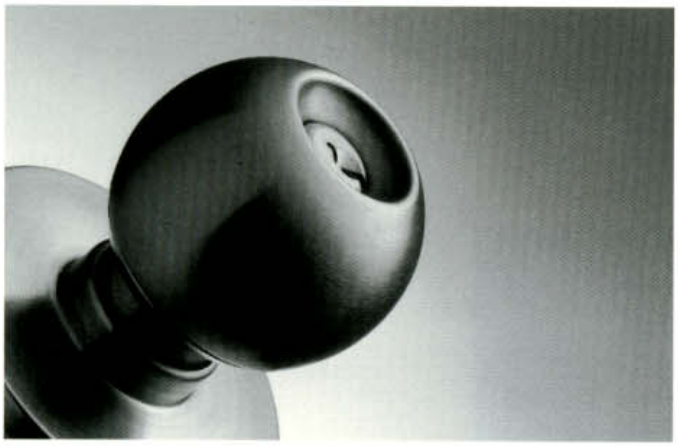
Standard Duty Cylindrical Knob Locksets
CK4400 Series

Outside	Inside	Series/ Function	Type	ANSI No. Series 4000	Function Description
		CK4410	Passage or Closet	F75	- Deadlocking latchbolt by knob either side. - Both knobs always free.
		CK4429	Hotel or Motel	F93	- 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	F76	- 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	F77	- 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	F81/82	- 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	- 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	- Deadlocking latchbolt by key in outside knob, or by rotating inside knob. - Outside knob always rigid. - Inside knob always free.
		CK4480	Communi-cating or Exit	—	- Deadlocking latchbolt by knob outside only. - Blank rose inside; no inside operation.
		CK4482	Store Door	F91	- Deadlocking latchbolt by knob either side, except when key either side locks both knobs. - Keyed alike unless otherwise specified.
		CK4450	Half Dummy Trim	—	- Knob acts as pull only; no operation.

*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.

Indicates rigid knob.

Standard Duty Cylindrical Knob Locksets
CK4400 Series

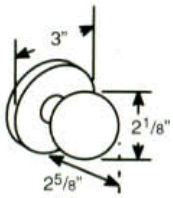


Global

Brass, bronze or stainless steel

GWC

Knob: Wrought
Rose: Wrought reinforced

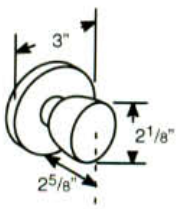


Belmont

Brass, bronze or stainless steel

BWC

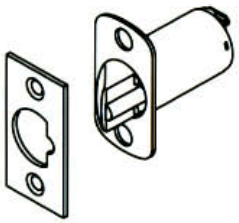
Knob: Wrought
Rose: Wrought reinforced



Standard Duty Cylindrical Knob Locksets
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).

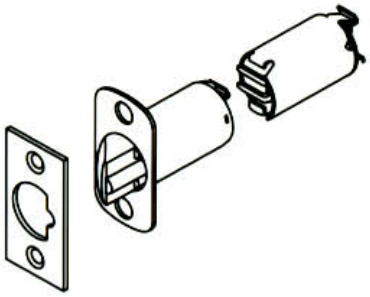


Description	Series/Function	Part No.
2¾" Backset	CK4410, CK4451, CK4455, CK4457, CK4480, CK4482	574F55
	CK4429, CK4430, CK4440	574F56
2⅜" Backset	CK4410, CK4451, CK4455, CK4457, CK4480, CK4482	574F29
	CK4429, CK4430, CK4440	574F30

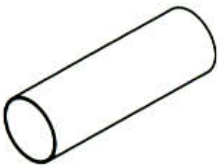
Extended Backsets

When 3¾" or 5" backsets are specified, Extension Unit and Connecting Tube will be furnished for use with 2⅜" backset latch.
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 3¾" or Part No. 574F26 for 5".

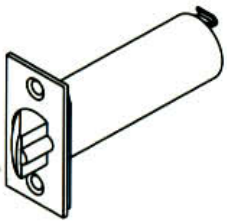
Extension Unit



Connecting Tube

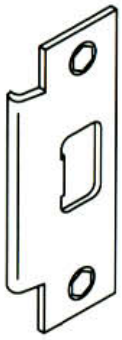


Assembled Unit



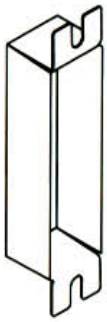
Standard Duty Cylindrical Knob Locksets
CK4400 Series

Strikes



ANSI Curved Lip (standard)
Brass, bronze or stainless steel
4⅞" x 1¼" x 1¼" lip to center
Optional lip lengths: 1", 1⅛", 1⅜", 1½", 1¾", 2"
To order optional strike with lockset, see How to Order, page 9.
To order separately, specify 240L53 x Lip Length x Finish.

Curved Lip Box
Brass, bronze or stainless steel
2¾" x 1⅛" x 1¼" lip to center
Optional lip lengths: 1", 1⅛", 1⅜", 1½", 1¾", 2"
To order optional strike with lockset, see How to Order, page 9.
To order separately, specify 607L37 x Lip Length x Finish.

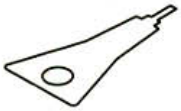


ANSI Wrought Strike Box
To order with lockset, see How to Order, page 9.
To order separately, specify 120F76-8.

Tools

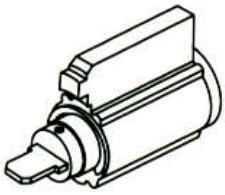
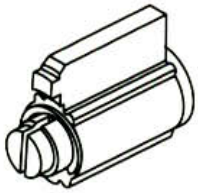
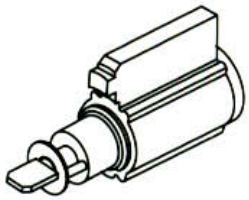
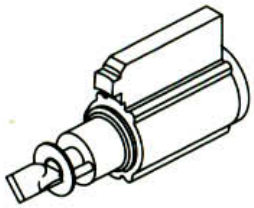
Knob Cover Removal Tool
To order, specify 506F57-8.

Knob Removal Tool
To order, specify 574F15-8.



Cylinder Shell Loading Kit
To order, specify CT-10.

Cylinders

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

To order cylinder separately, specify Part No. x Keyway x Finish (e.g., 2000-044 x L4 x 619).

Standard Duty Cylindrical Knob Locksets
CK4400 Series

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			
		Trim	Outside	Inside	Hand
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

Standard Duty Cylindrical Knob Locksets
CK4400 Series Quick Codes

Finish

Description		Specify
US3	Bright Brass	605
US10	Satin Bronze	612
US10B	Dark Oxidized Satin Bronze, oil rubbed	613
US32	Bright Stainless Steel	629
US32D	Satin Stainless Steel	630

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 keying	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
2⅜"	B238
2¾"	(standard)
3¾"	B334
5"	B500

Strike

Lip to Center	ANSI Curved Lip Specify	Curved Lip Box Specify	Full Lip Specify
1"	SA100	SC100	N/A
1⅛"	SA118	SC118	SF118
1¼"	(standard)	SC114	N/A
1⅜"	SA138	SC138	N/A
1½"	SA112	SC112	N/A
1¾"	SA134	SC134	N/A
2"	SA200	SC200	N/A

Handing

Hand	Specify
Right Hand	RH
Left Hand	LH
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Door Thickness

Door Thickness	Specify
1¼" - 1¾"	(standard)

Miscellaneous Options

Description	Specify
1" latch front, square corners (for 2⅜" backset only)	M14
ANSI wrought strike box	M17
Abrasive coat outside and inside	M23
Abrasive coat inside	M24
Abrasive coat outside	M25

Standard Duty Cylindrical Knob Locksets 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 ⅛" 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 of different levels of access.

Standard Duty Cylindrical Knob Locksets
CK4400 Series

Suggested Specification

All locksets shall be CK4400 Series Standard Duty Cylindrical Knob Locksets as manufactured by Corbin Russwin Architectural Hardware, Berlin, Connecticut, USA.

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 ½" 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
ANSI A156.2 Series 4000, Grade 2

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

All locksets shall carry a one-year limited warranty.

Notes

Standard Duty Cylindrical Knob Locksets
CK4400 Series

Notes

Standard Duty Cylindrical Knob Locksets
CK4400 Series

605 Bright Brass (US3)

612 Satin Bronze (US10)

613 Dark Oxidized Satin Bronze, oil rubbed (US10B)

629 Bright Stainless Steel (US32)

630 Satin Stainless Steel (US32D)

Note: Printed color may vary slightly from actual finish.

For more information regarding Corbin Russwin Locksets, Exit Devices, Door Controls and Key Systems, contact your authorized Corbin Russwin Distributor or Sales Representative.

In U.S.:
Corbin Russwin Architectural Hardware
P.O. Box 25288
Charlotte, NC 28229-8010 USA
Phone 704-283-2101 Fax 704-289-2875

In Canada:
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3160 Orlando Drive
Mississauga, ONT L4V 1R5
Phone 800-461-3007 / 905-672-6220
Fax 800-461-8989 / 905-672-9022

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