



Commercial Hardware

CK4500 Series

Cylindrical Knobsets



MAAX™ IS A TRADEMARK OF MAAX HARDWARE INC.

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Ontario, Canada

- **QUALITY**
- **SECURITY**
- **AETHETICS**

CK4500
Cylindrical Knobsets

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OVERVIEW

- QUALITY:**
- Conforms to ANSI/BHMA A156.2 standard, Series 4000, Grade-2
 - Heavy duty cylindrical chassis
 - Limited 10 years warranty
- SECURITY:**
- Offers high security features to discourage abuse and intrusion
- AESTHETICS:**
- A range of trim designs and finishes to complement different architectural design applications

CK4500 Cylindrical Knobset

Grade - 1



MAAX CK4500 Series Grade-1 heavy duty cylindrical knobset provides exceptional security, enhanced aesthetic and rugged dependability. The CK4500 is ideal for demanding high use commercial, industrial and institutional applications including schools, hospitals, hotels, offices and retail complexes. MAAX CK4500 Series is your right choice for its quiet operation, high quality and easy installation.

FEATURES

- Heavy duty for commercial, industrial, and institutional applications
- Non-handed installation
- Concealed Thru-Bolts (removable) for proper alignment and easy installation
- Concealed mounting screws
- Adjustable mounting plate
- A wide variety of functions and the most popular finishes

STANDARDS

- UL/cUL listed for A label - 3 hours fire rating
- Meets UL 10C positive pressure requirements
- Conforms to ANSI/BHMA A156.2 standard, Series 4000, Grade-1



CROSS REFERENCE

MAAX	BEST	CORBIN RUSSWIN	DORMA	FALCON	HAGER	SARGENT	SCHLAGE	YALE
CK4500	8K	CK4200	C800 KB	-	-	8X LINE	D	5400CK

Note: Chart prepared by comparing functions of mortise locks based on data obtained from trade sources. It is not guaranteed nor represented that any specific product exactly equals any other product.

SPECIFICATIONS

HANDING:

- Non-handed, field reversible installation

DOOR THICKNESS:

- 1-3/8" (35 mm) to 2" (51.4 mm) - standard

STANDARD DOOR PREP:

- 2-1/8" (54 mm) diameter (bore)
- 1" (25.4 mm) latch hole diameter (cross bore)

BACKSET:

- 2-3/4" (70 mm) - standard
- 2-3/8" (60.3 mm), 3-3/4" (95.2 mm), 5" (127 mm) - optional

LATCHBOLT:

- 1/2" (12.7 mm) throw, stainless steel - standard
- 3/4" (19 mm) throw anti friction - optional
- Auxiliary deadlocking on keyed functions to prevent manipulation when door is closed

FACEPLATE:

- 1-1/8" (29 mm) X 2-1/4" (57 mm), square corner - standard
- 1" (25.4 mm) X 2-1/4" (57 mm), square corner - optional

CHASSIS:

- Heavy gauge steel chassis, zinc dichromated for corrosion resistance
- Thru-Bolt mounting (removable) for proper alignment and easy installation

CYLINDER AND KEYWAY:

- Conventional 6-pin solid brass, Schlage "C" keyway, keyed different - standard
- Other keying options available from factory
- Small format interchangeable core (SFIC), BEST "F" keyway, keyed different - optional
- Other SFIC keying options including 6 & 7-pin cores and other brands keyways
- SFIC cores ordered separately

KEYS:

- Two brass keys per lock

KEYING:

- Can be master keyed (MK) and grand master keyed (GMK)

STRIKE:

- ASA strike 1-1/4" (31.4 mm) X 4-7/8" (123.5 mm) X 3/32" (2.4 mm) - standard
- With plastic strike box
- T-strike 1-1/8" (28.2 mm) X 2-3/4" (69.5 mm) X 5/64" (2.0 mm) - optional



EXPOSED TRIM:

- Knob: Stainless steel or wrought brass
- Rose: 2-15/16" (75 mm) diameter. Stainless steel or wrought brass

ROSE STYLE:

- Rose (A) - standard
- Rose (B) - optional

KNOB STYLE:

- BALA (BL)
- See Trims for details

FASTENERS:

- Thru-bolt mounted trim
- No exposed screws

FUNCTIONS:

- A variety of functions including, but not limited to, Passage, Dummy, Office/Entry, Classroom, Storeroom, Institution and Privacy
- See Functions for detailed list

FINISHES:

- US3 (605) Bright brass clear coated
- US10B (613) Dark satin bronze, clear coated
- US32 (629) Bright stainless steel
- US32D (630) Satin stainless steel
- Other finishes available with longer lead time


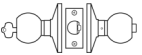

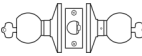

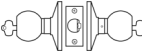


OPTIONS:

- Lead lining (Rose)







WARRANTY:

- Limited 10 years on hardware components

FUNCTIONS

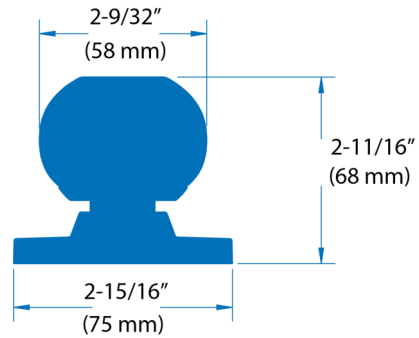
Function	Model No.	ANSI	Function Description	
KEYED FUNCTIONS				
	Entry/Office	CK4540	F82	<ul style="list-style-type: none"> ▪ Deadlocking latchbolt retracted by knob either side, except when outside knob is locked by push button inside. ▪ Push button released by key in the outside knob or by turning inside knob. ▪ Closing door does not release push button. ▪ Inside knob always free for immediate egress.
	Entry	CK4543	F109	<ul style="list-style-type: none"> ▪ Deadlocking latchbolt retracted by knob either side, except when outside knob is locked by push button inside. ▪ Key outside or turning inside knob releases push button and unlocks outside knob, except when inside button is pushed and turned to keep outside knob locked. ▪ Inside button must be manually turned to unlock outside knob. ▪ Inside knob always free for immediate egress.
	Exit, Communicating Classroom	CK4563	F113	<ul style="list-style-type: none"> ▪ Deadlocking latchbolt retracted by knob, except when knob is locked by key. ▪ Key locks and unlocks knob. ▪ Knob on one side, blank plate on the other side.
	Store Door	CK4567	F91	<ul style="list-style-type: none"> ▪ Deadlocking latchbolt retracted by knob either side. ▪ Key in either knob locks or unlocks both knobs.
	Classroom	CK4570	F84	<ul style="list-style-type: none"> ▪ Deadlocking latchbolt retracted by knob either side, except when outside knob is locked by key outside. ▪ Outside knob unlocked by key outside. ▪ Inside knob always free for immediate egress.
	Communicating	CK4572	F80	<ul style="list-style-type: none"> ▪ Deadlocking latchbolt retracted by knob either side. ▪ Key in knob locks or unlocks its own knob independently. ▪ Must be used only in rooms that have other exits.
	Storeroom/ Closet	CK4580	F86	<ul style="list-style-type: none"> ▪ Deadlocking latchbolt retracted by key in outside knob or by turning inside knob. ▪ Outside knob always rigid. ▪ Inside knob always free for immediate egress.
	Utility/ Asylum/ Institutional	CK4582	F87	<ul style="list-style-type: none"> ▪ Deadlocking Latchbolt retracted by key in knob either side. ▪ Both knobs are always rigid. ▪ Must be used only in rooms that have other exits.

FUNCTIONS (CONTINUED)

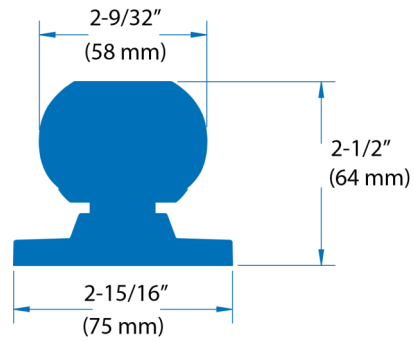
Function	Model No.	ANSI	Function Description
NON-KEYED FUNCTIONS			
	Dummy Trim/One Side CK4501	---	<ul style="list-style-type: none"> Knob used as pull or matching trim on pair of doors. One side only. Trim is surface mounted by single screw or mounting wood screws.
	Dummy Trim/Two Sides CK4502	---	<ul style="list-style-type: none"> Knobs used as pull or matching trim on pair of doors. Two sides of door. Trim is surface mounted by single screw or mounting wood screws.
	Passage/ Closet CK4510	F75	<ul style="list-style-type: none"> Latchbolt retracted by knob either side. Both knobs always free.
	Exit/ Communi- cating Passage CK4513	F111	<ul style="list-style-type: none"> Latchbolt retracted by knob inside. Knob on one side, blank plate on the other side.
	Patio CK4520	F77A	<ul style="list-style-type: none"> Deadlocking latchbolt retracted by knob either side. Outside knob locked by push button inside. Outside knob unlocked by turning inside knob or by closing door. Inside knob always free for immediate egress. Must be used only in rooms that have other entry.
	Privacy, Bedroom/ Bath CK4530	F76A	<ul style="list-style-type: none"> Latchbolt retracted by knob either side. Outside knob locked by push/turn button inside. Outside knob unlocked by emergency release tool outside, by rotating inside knob, or by closing door. Inside knob always free for immediate egress.

TRIMS

BALA (BL) - Conventional Cylinder



BALA (BL) - SFIC Cylinder



ROSES:


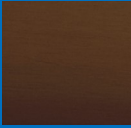




Rose (A)
Standard



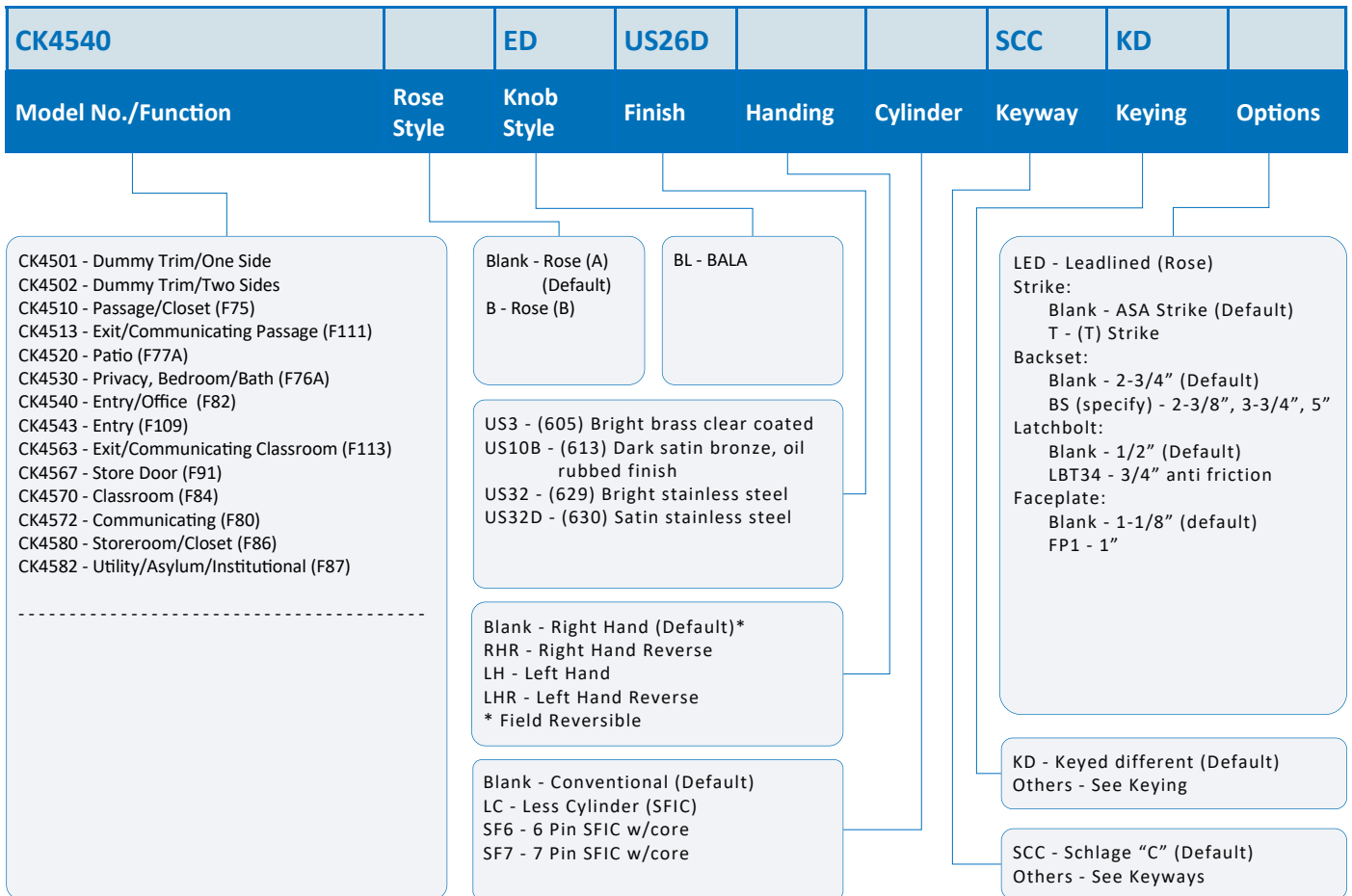
Rose (B)
Optional

FINISH OPTIONS

Finish Options				
Color	Bright Brass	Oil rubbed Bronze	Bright Stainless Steel	Satin Stainless Steel
ANSI/BHMA Number	605	613	629	630
US Number	US3	US10B	US32	US32D

▪ Other finishes available with longer lead time and minimum order quantity

HOW TO ORDER CK4500 KNOBSET

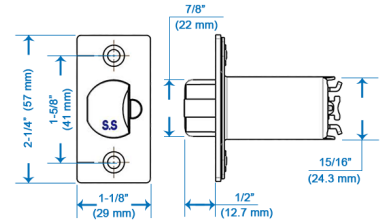


LATCHES

CK4500 CYLINDRICAL KNOBSET - LATCHES

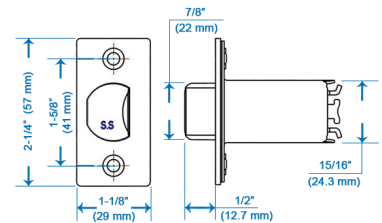
Item No. 400101 Dead Latch - keyed functions

- Faceplate: 1-1/8" (29 mm) X 2-1/4" (57 mm) - standard
1" (25.4 mm) X 2-1/4" (57 mm) - optional
- Backset: 2-3/4" (70 mm) - standard
2-3/8" (60.3 mm) - optional
Extension kit for 3-3/4" (95.2 mm), 5" (127 mm) - optional



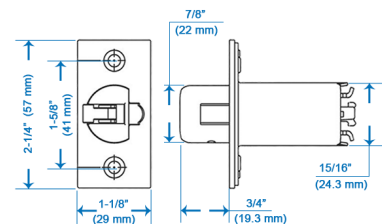
Item No. 400102 Spring Latch (w/out auto release) - passage

- Item No. 400103 Spring Latch (w/ auto release) - privacy
- Faceplate: 1-1/8" (29 mm) X 2-1/4" (57 mm) - standard
1" (25.4 mm) X 2-1/4" (57 mm) - optional
 - Backset: 2-3/4" (70 mm) - standard,
2-3/8" (60.3 mm) - optional
Extension kit for 3-3/4" (95.2 mm), 5" (127 mm) - optional



Item No. 400104 Fire Dead Latch - Optional

- 3/4" Throw, for use on pair fire doors
- Faceplate: 1-1/8" (29 mm) X 2-1/4" (57 mm) - standard
- Backset: 2-3/4" (70 mm) - standard



STRIKES

CK4500 CYLINDRICAL KNOBSET - STRIKES

Item No. 400501
ASA Strike - Standard

- Size:
1-1/4" (31.4 mm) X 4-7/8" (123.5 mm) X
3/32" (2.4 mm) X 1-5/16" (33.5 mm) lip to
Center
- With plastic strike box



Item No. 400502
T Strike - Optional

- Size:
1-1/8" (28.2 mm) X 2-3/4" (69.5 mm) X
5/64" (2.0 mm) X 1-5/16" (33.5 mm) lip to
Center
- With plastic strike box



Item No. 400503
Full Lip Strike (Round Corner) - Optional

- Size:
1-5/8" (41.0 mm) X 2-1/4" (57.0 mm) X
5/64" (2.0 mm)
- With plastic strike box



Item No. 400504
Full Lip Strike (Square Corner) - Optional

- Size:
1-5/8" (41.0 mm) X 2-1/4" (57.0 mm) X
5/64" (2.0 mm)
- With plastic strike box



STANDARD KEY-IN-KNOB CYLINDER

FEATURES:

- 6 pin conventional Key-in-Knob cylinder - Standard
- Keyway: Schlage "C" keyway - Standard
- Cylinder length: 1-1/8" (29 mm) or 1-1/4" (32 mm)
- Keying: Keyed different (KD) - Standard
- Tailpiece: Knob tailpiece - Standard
- Keying: Keyed different (KD) - Standard
- Optional: Other keyways and Master keying

MATERIAL:

- Cylinder body: Solid brass
- Cylinder face: Brass



Conventional Cylinder



SFIC Cylinder w/Core



INTERCHANGEABLE CYLINDER (IC)

FEATURES:













- Interchangeable cylinder (IC) is an optional mortise cylinder offering immediate re-keying by simply using a special "control key" to replace the core without removing the cylinder housing
- "SFIC" Small format interchangeable core:
 - 6 pin, 1-1/4" (32 mm) cylinder length
 - 7 pin, 1-3/8" (35 mm) cylinder length
- Keyway: See Keyways and Keying
- Cores are ordered separately

MATERIAL:

- Cylinder body: Solid brass
- Cylinder face: Brass

CYLINDER CORES	
	
KEY-IN-KNOB Conventional Core	SFIC Core

KEYWAYS

CONVENTIONAL KEY-IN-KNOB CYLINDER		
KEYWAY		SUFFIX
SCHLAGE C (Default)		SCC
ARROW AR1		AR1
CORBIN 60		CO60
CORBIN L4		COL4
KWIKSET		KW1
RUSSWIN D1		RUD1
SARGENT LA		SALA
SCHLAGE E		SCE
SCHLAGE F		SCF
WEISER E		WEE
YALE E1R		YAER
YALE GA		YAGA
SMALL FORMAT INTERCHANGEABLE CORE (SFIC)		
KEYWAY		SUFFIX
BEST F 7-pin (Default)		BF7
BEST A, B, C, D, E, G, H, J, K, L, M, Q		BA6, BA7, BB7, BC7, BD7, BE7, BG7, BH7, BJ7, BK7, BL7, BM7, BQ7

KEYING

KEYING ABBREVIATIONS	
KEYWAY	SUFFIX
Keyed Different (Default)	KD
Keyed Alike	KA
"0" Zero Bitted	K0
Master Key	MK
Grand Master Key	GMK
Construction Master Key	CMK
KEYING OPTIONS (CONVENTIONAL)	
<ul style="list-style-type: none"> ▪ Keyed alike and "0" bitted cylinders (6 pin only) ▪ Master keyed: Must specify quantity of master keys ▪ Construction master keyed: Schlage C, E & F ▪ Submit master keying form ▪ Extra cut keys ▪ Key marking ▪ Cylinder marking ▪ Bitting lists (ordered separately) ▪ Check availability of keyways at the time of ordering 	
KEYING OPTIONS (SFIC)	
<ul style="list-style-type: none"> ▪ Cores are keyed different unless otherwise specified ▪ Keyed alike ▪ Construction cores ▪ Master keyed: Must specify quantity of master keys, control keys or additional change keys ▪ Key marking ▪ Core marking ▪ Do not duplicate ▪ Bitting lists (ordered separately) 	



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MX-CK4500-20

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