

Sliding Door Lock



PD95
PD96
WS90
WS90L

CONTENTS

Page 01	PD9500 Series
Page 04	PD9600 Series
Page 09	PD95 & PD96 Components
Page 10	Rose and Lever Designs
Page 11	Thumbturn & Release
Page 12	Mortise Cylinders and Keys
Page 14	How to Order PD95 & PD96
Page 16	WS90
Page 17	WS90L

Disclaimer: All information in this catalog has been deemed accurate as of the date of printing. We are continuously improving and expanding our line in an effort to offer our clients the finest quality products and services; therefore, Unison Hardware, Inc., reserves the right to alter this information or correct printing errors at any time.

©2022 Unison Hardware, Inc. All Rights Reserved. Rev. 01/13/2026

PD95 SERIES

Sliding Door Mortise Lock with Emergency Egress



SPECIFICATIONS

Door Thickness	1-3/4" (45mm) Standard 1-3/8" (35mm) Thin Door Kit available for XGT only 2" to 2-1/4" (50mm to 57mm) Thick Door Kit available
Backset	2-3/4" (70mm) 2-1/2" (63.5mm)
Lever Spindle	8 x 8mm square
Thumbturn Spindle	5 x 5mm square
Center to Center Distance	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
Cylinder	Schlage C keyway 6 pin, 1-1/4" mortise cylinder with 2 keys (standard). Optional SFIC and LFIC housing and cores available
CAM	CAM01-SCL Clover Cam
Material	Trim: Stainless Steel Lockcase: Heavy gauge Steel Bolt: Brass and Stainless Steel Faceplate/Strike: Stainless Steel Cylinder: Solid Brass

FEATURES

- Single-action deadbolt release for emergency egress
- Patented anti-binding winged deadbolt provides smooth operation for safety and security
- Adjustable strike relieves door and frame alignment headaches
- ADA Compliant Trim

CODE COMPLIANCE

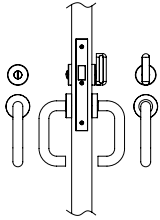
- ANSI/BHMA A156.36 Auxiliary Locks
- ANSI/BHMA A156.18 Finishes
- ANSI A117.1 ADA Accessibility

Description	Part Number	Standard Finish Options
Emergency Egress Mortise Lock	PD9500	32D Satin Stainless Steel 32 Bright Stainless Steel PVD4 Satin Brass

For additional finish options not listed, contact Sales Department for MOQ and lead times

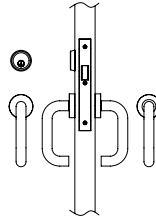
PD9500 SERIES

Function



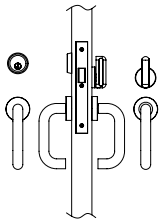
Privacy: PD9540

Deadbolt can be retracted by inside lever or outside emergency coin release
Thumbturn inside locks and unlocks deadbolt
Outside lever is rigid at all times
Inside lever can always retract deadbolt for emergency egress



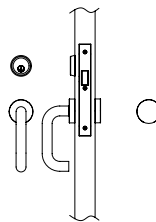
Classroom: PD9570

Deadbolt can be locked or unlocked by outside key
No thumbturn on inside
Outside lever is rigid at all times
Inside lever can always retract deadbolt for emergency egress



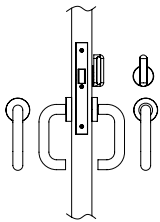
Office / Entry: PD9550

Deadbolt can be retracted or engaged by inside thumbturn or outside key
Outside lever is rigid at all times
Inside lever can always retract deadbolt for emergency egress



Security Communicating: PD9592

Deadbolt can be retracted by outside key only
Outside lever is rigid at all times
No thumbturn on inside
No lever on opposite side; blank or blind rosette only

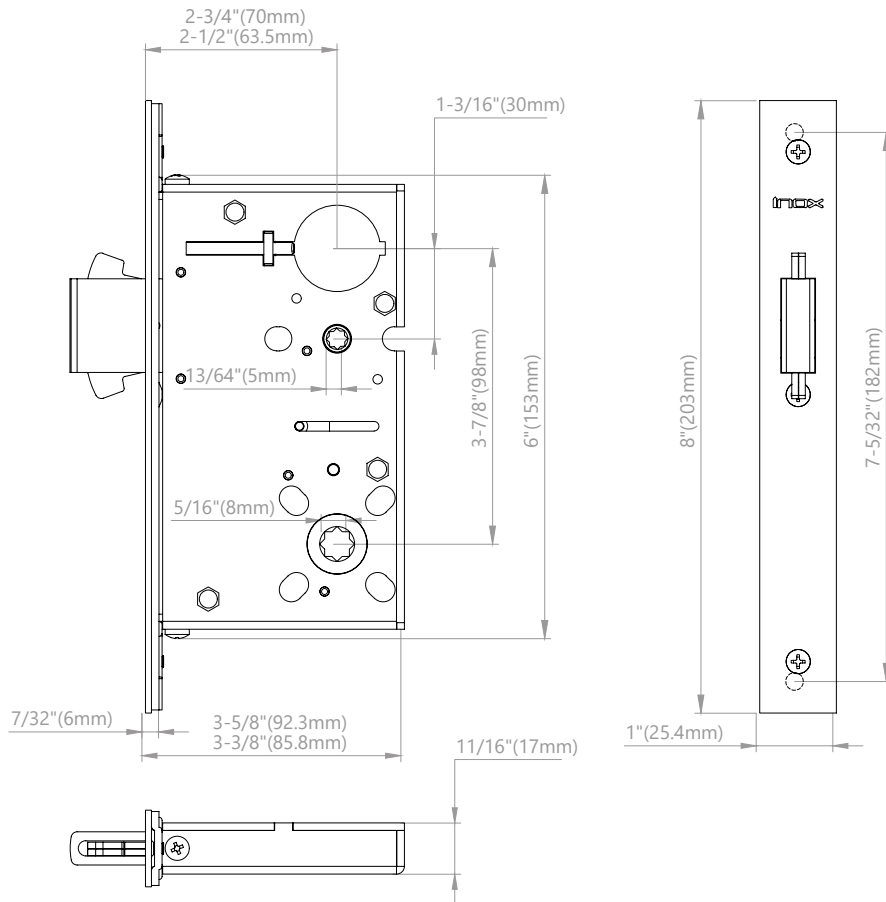


Patio: PD9560

Thumbturn inside locks or unlocks deadbolt
Outside lever is rigid at all times
No keyed cylinder outside; door cannot be opened from outside when locked
Inside lever can always retract deadbolt for emergency egress

PD9500 SERIES

Dimensions



PD96 SERIES

Self-Latching Mortise Lock for Sliding Door



SPECIFICATIONS

Door Thickness	1-3/4" (45mm) Standard 1-3/8" (35mm) Thin Door Kit available for XGT only 2" to 2-1/4" (50mm to 57mm) Thick Door Kit available
Backset	2-3/4" (70mm) 2-1/2" (63.5mm)
Lever Spindle	8 x 8mm square
Thumbturn Spindle	5 x 5mm square
Center to Center Distance	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
Cylinder	Schlage C keyway 6 pin, 1-1/4" mortise cylinder with 2 keys (standard). Optional SFIC and LFIC housing and cores available
CAM	CAM01-SCL Clover Cam
Material	Trim: Stainless Steel Lockcase: Heavy gauge Steel Bolt: Brass and Stainless Steel Faceplate/Strike: Stainless Steel Cylinder: Solid Brass

FEATURES

- Locking solutions for all major functions of commercial openings
- Built-in mechanical self-latching or self-locking
- Meets and exceeds ANSI/BHMA 156.36 standard
- Emergency Egress via inside lever
- ADA Compliant Trim



CODE COMPLIANCE

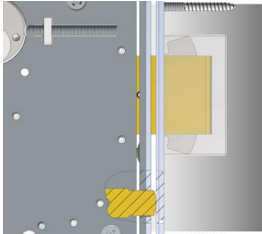
- UL1784 Standard for Safety Air Leakage test of Door Assemblies and Openings
- ANSI/BHMA A156.18 Finishes
- ANSI A117.1 ADA Accessibility

Description	Part Number	Standard Finish Options
Self-Latching Mortise Lock	PD9600	32D Satin Stainless Steel 32 Bright Stainless Steel PVD4 Satin Brass

For additional finish options not listed, contact Sales Department for MOQ and lead times

PD96 SERIES

Features



Self-latching / Self-locking

- Self-latching: When sliding door is closed, deadbolt is automatically engaged into strike. Lever retracts deadbolt to unlatch
- Self-locking: When sliding door is closed, deadbolt is automatically engaged into strike. Outside lever is in locked position, keeping door locked from outside. Key or inside thumbturn unlocks outside lever and unlocks deadbolt.
- Inside lever always allows emergency egress



Actuator

- The extended release button is built onto the faceplate of the lock.
- Once the door is closed, the release button is activated, which then triggers the deadbolt into the strike.



X Series Trim

- Heavy-duty wire torsion spring
- Cast stainless steel sub-rose with knurled brass nut for mechanical integrity and strength



ADA Accessibility

- ADA compliant trim

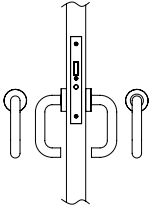


Emergency Egress

- Single action emergency egress for life safety and code compliance

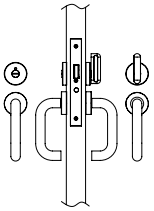
PD96 SERIES

Function



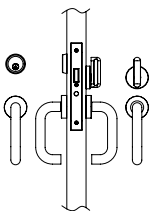
Passage: PD9610

Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
No thumbturn or keyed cylinder
Outside and inside levers are active and can retract deadbolt



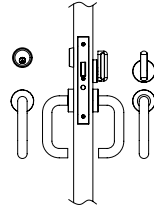
Privacy: PD9640

Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
Outside lever is rigid when locked and cannot retract deadbolt
Outside lever can retract deadbolt when unlocked
Inside thumbturn can lock or unlock outside lever
Outside coin turn emergency release can also unlock outside lever
Operating inside lever to retract deadbolt **simultaneously** resets outside lever and inside thumbturn to unlocked position
Inside lever can always retract deadbolt for emergency egress



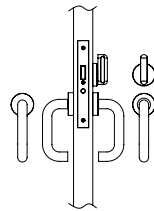
Inner Entry: PD9650

Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
Outside lever locked or unlocked by key or inside thumbturn
Outside lever is rigid when locked and cannot retract deadbolt
Outside lever retracts deadbolt when unlocked
Operating inside lever for egress **simultaneously** resets outside lever and inside thumbturn to unlocked position
Inside lever can always retract deadbolt for emergency egress



Entrance: PD9653

Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
Outside lever locked or unlocked by key or inside thumbturn
Outside lever is rigid when locked and cannot retract deadbolt
Outside lever retracts deadbolt when unlocked
Outside lever will remain in locked or unlocked position until user resets status with key or inside thumbturn
Operating inside lever will **not** change the locked or unlocked status of the outside lever or inside thumbturn
Inside lever can always retract deadbolt for emergency egress

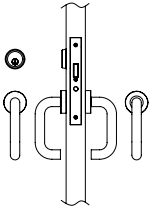


Patio: PD9660

Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
Outside lever is locked or unlocked by inside thumbturn
Outside lever is rigid when locked and cannot retract deadbolt
Outside lever can retract deadbolt when unlocked
No keyed cylinder outside; door cannot be opened from outside when locked
Operating inside lever to retract deadbolt **simultaneously** resets outside lever and inside thumbturn to unlocked position
Inside lever can always retract deadbolt for emergency egress

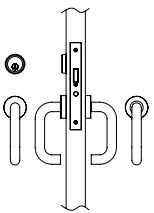
PD96 SERIES

Function



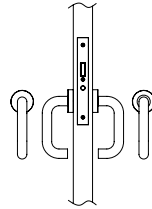
Classroom: PD9670

Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
 Outside lever is locked or unlocked only by key
 Outside lever is rigid when locked and cannot retract deadbolt
 Outside lever retracts deadbolt when unlocked
 No thumbturn on inside
 Operating inside lever for egress will not change the locked or unlocked status of outside lever
 Inside lever can always retract deadbolt for emergency egress



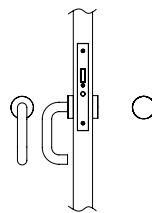
Storeroom: PD9680

Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
 Outside lever is locked or unlocked only by key
 Outside lever is rigid when locked and cannot retract deadbolt
 Outside lever retracts deadbolt when unlocked
 Key cannot be removed from cylinder when outside lever is unlocked; key can only be removed when outside lever is in locked position requires special CAM
 No thumbturn on inside
 Operating inside lever will not change locked status of outside lever
 Inside lever can always retract deadbolt for emergency egress



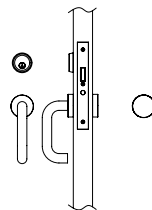
Exit: PD9690

Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
 Outside lever is always rigid and locked and cannot retract deadbolt
 No cylinder outside, no thumbturn inside
 Inside lever can always retract deadbolt for emergency egress



Communicating: PD9692

Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
 Lever retracts deadbolt
 No lever on opposite side, blank or blind rosette only

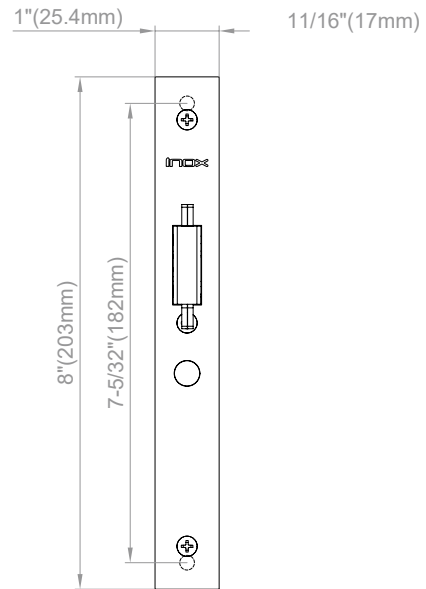
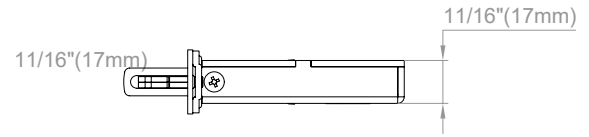
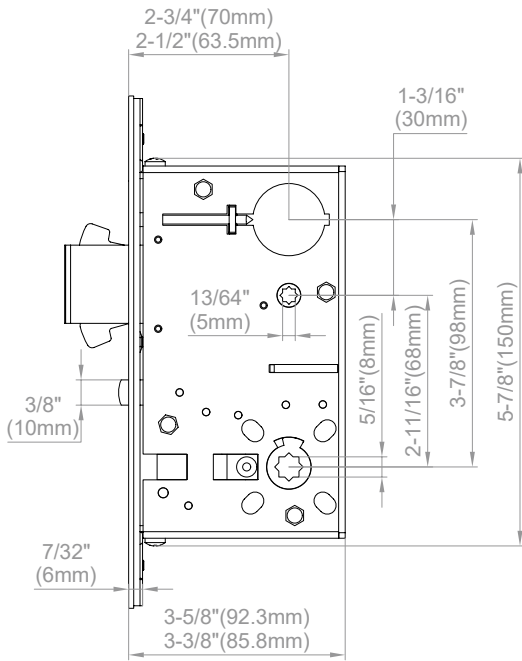


Security Communicating: PD9695

Keyed function for connected rooms with security; only an authorized user may lock/unlock the room side lever, e.g. hotel staff
 Actuator button on faceplate contacts strike and automatically engages deadbolt when sliding door closes
 Room-side lever is locked or unlocked by a key
 Room-side lever can retract deadbolt when unlocked
 Room-side lever is rigid when key locks the lever
 No lever on opposite side; blank or blind rosette only

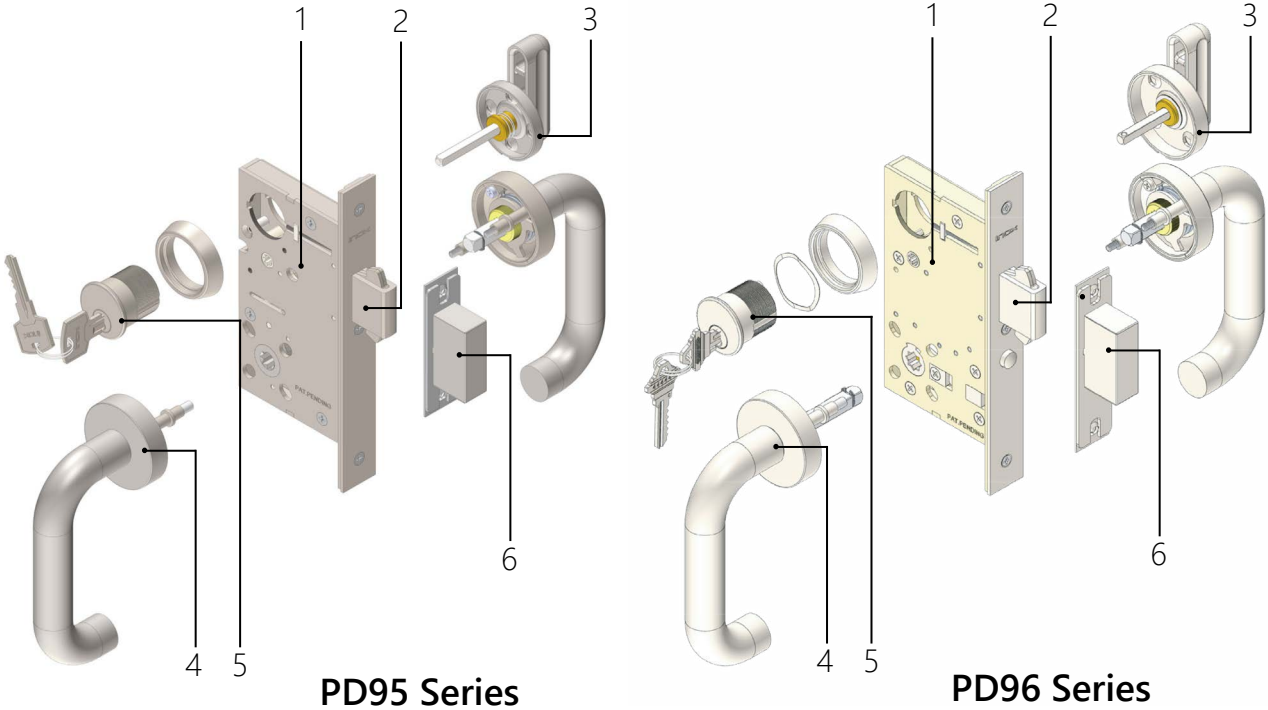
PD9600 SERIES

Dimensions



PD95 & PD96 SERIES

Components



Description

- 1 Lockcase and faceplate; 2-3/4" backset or 2-1/2" backset

- 2 1" (25.4mm) heavy-duty brass bolt throw with self-retracting non-marring hooks

- 3 ADA Compliant thumbturn

- 4 Heavy-duty Stainless Steel cast rose with choice of X Series lever design

- 5 Schlage C keyway, 6 pin 1-1/4" mortise cylinder

- 6 Adjustable strike for deadbolt; up to 1/4" vertical adjustability (6.35mm)

PD9000 SERIES

Rose and Lever Designs



XRA Rose



XGT Rose
(optional)

*Return-to-Door Lever Designs comply with California and other state building codes for door openings



201 COLOGNE



202 MUNICH*



205 FRANKFURT



221 AURORA



243 SUNRISE



244 TWILIGHT*



276 PLAZA



318 CAFE



319 HAMPTON



320 EMPIRE

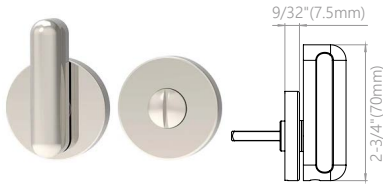


345 TOKYO

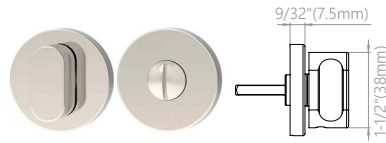


346 OSAKA*

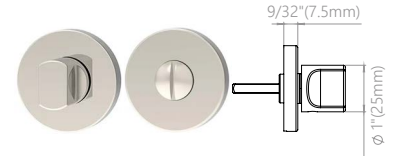
THUMBTURN & RELEASE



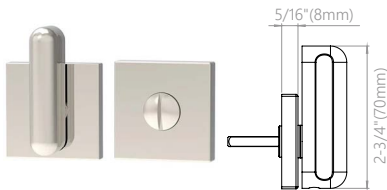
EC-R460PVS-ADA
TT07 Thumbturn with coin release



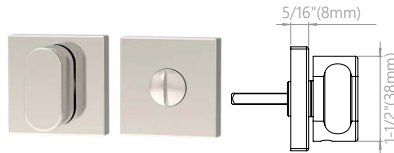
EC-R460PVS-TT04
TT04 Thumbturn with coin release



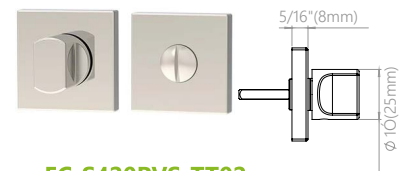
EC-R460PVS-TT02
TT02 Thumbturn with coin release



EC-S420PVS-ADA
TT07 Thumbturn with coin release



EC-S420PVS-TT04
TT04 Thumbturn with coin release

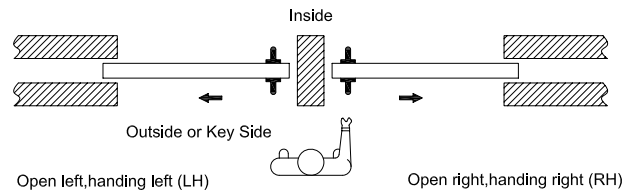


EC-S420PVS-TT02
TT02 Thumbturn with coin release

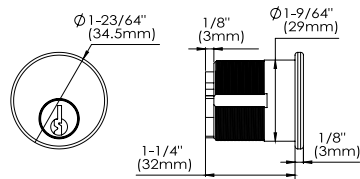
SLIDING DOOR HANDING

Handing refers to the direction the door slides open.
Example: If the door slides to the left to open, it is a left-handed door.

Handing is determined from the exterior or key side of the door when facing into the room



MORTISE CYLINDERS AND KEYS





Schlage C Keyway, 6 Pin, with Clover Cam, 2 Keys

Standard Keyed Different (KD)

Other Keying Services available

All trims use 1-1/4" Mortise Cylinder for standard 1-3/4" door

Other sizes or keyway cylinders available. Order separately

Illustration	Item Code	Description	Size	ANSI
<i>Mortise Cylinders</i>				
	CMB105	Mortise Cylinder, Schlage C Keyway, 5 pin, L Cam	1"	E09211
	CMB1186	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-1/8"	E09211
	CMB1146	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-1/4"	E09211
	CMB1386	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-3/8"	E09211
	CMB1126	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-1/2"	E09211
	CMB1346	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-3/4"	E09211
<i>Dummy Cylinders</i>				
	CMB1140DM*	Mortise Dummy Cylinders, No Cam	1-1/4"	E09211


* Dummy function lockset does not include dummy cylinder. Dummy cylinder ordered separately if required

INTERCHANGEABLE CORE (IC) HOUSING WITH REMOVABLE MORTISE CAM

Solid Brass/ Small Format (SFIC) Housing

Standard L Cam included for MC7000 Series mortise lock

Accepts Best, Arrow and Falcon Cores

Illustration	Item Code	Description	Size	ANSI
	CMB1146-ICBA-HUS	SFIC Mortise Cylinder Housing, 6 Pin	1-1/4"	E09241
	CMB1386-ICBA-HUS	SFIC Mortise Cylinder Housing, 6 Pin	1-3/8"	E09241
	CMB1126-ICBA-HUS	SFIC Mortise Cylinder Housing, 6 Pin	1-1/2"	E09241
	CMB1586-ICBA-HUS	SFIC Mortise Cylinder Housing, 6 Pin	1-5/8"	E09241
	CMB1387-ICBA-HUS	SFIC Mortise Cylinder Housing, 7 Pin	1-3/8"	E09241
	CMB1127-ICBA-HUS	SFIC Mortise Cylinder Housing, 7 Pin	1-1/2"	E09241
	CMB1587-ICBA-HUS	SFIC Mortise Cylinder Housing, 7 Pin	1-5/8"	E09241

INTERCHANGEABLE CORES ONLY

Solid brass plug and housing / Small Format (SFIC) Core in Best A Keyway


2 Change keys per Combined Core – A2 System Only

1 master key or grand master key included per group/order

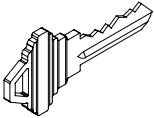
1 Control key per group/order

6 or 7 pin cores replace Arrow, Best, Falcon

Construction or Combined Core

Illustration	Item Code	Description	ANSI
	CMB-ICBA6-CST	SFIC Core Only, Best A Keyway, 6 Pin, Construction	E09251
	CMB-ICBA6-CMB	SFIC Core Only, Best A Keyway, 6 Pin, Combined	E09251
	CMB-ICBA7-CMB	SFIC Core Only, Best A Keyway, 7 Pin, Combined	E09251

KEYS

Illustration	Item Code	Description
	LSK-6SC-NP	Standard key Schlage C Keyway for 6 Pin, Nickel Plated
	LSK01-6SC-NS-DND	DND Nickel Silver Key, Schlage C Keyway for 6 Pin, w/"Do Not Duplicate"
	LSK06-BA-CRK	Extra Control Key for IC Core, Best A Keyway
	LSK06-BA-MK	Extra Master Key for IC Core, Best A Keyway
	LSK06-BA-GMK	Extra Grand Master Key for IC Core, Best A Keyway

KEYING SERVICES

Description	Item No.
Service: Key Cut including Key Blank	SV-KYCT
Service: Keyed Alike (KA)	SV-KA
Service: Keyed Alike Pair	SV-KA2
Service: Keyed Alike Group (Specify Number of Keyed Alike Per Group)	SV-KA (Number)
Service: Keyed to Specific Code	SV-KS
Service: Master Keying	SV-MK
Service: Grand Master Keying with 2 or more Master groups.	SV-GMK
Service: Construction Master Keying Service	SV-CMK
Service: Great Grand Master Key	SV-GGMK

Description	Item No.
Service: IC Core Key Cut including Key Blank	SV-ICKYCT
Service: IC Core Keyed Alike (KA) - Each cylinder in the group is keyed alike	SV-ICKA
Service: IC Core Keyed to Specific Code - Cylinder is keyed to a specific code	SV-ICKS
Service: IC Core Master Keying - 2 Change Keys per Cylinder and 3 Master Keys per MK	SV-ICMK
Service: IC Core Grand Master Keying (2 or more MK groups included)	SV-ICGMK
Service: IC Core Master Keying, 2 Change Keys Per Cyl, and 3 Master Keys per MK Group	SV-ICMK

Description	Item No.
Service: Euro Cylinder Key Cut including Key Blank	SV-CYKYCT
Service: Euro Cylinder Keyed Alike (KA) - Each cylinder in the group is keyed alike	SV-CYKA
Service: Euro Cylinder Keyed to Specific Code - Cylinder is keyed to a specific code	SV-CYKS
Service: Euro Cylinder Master Keying - 2 Change Keys per Cylinder and 3 Master Keys per	SV-CYMK
Service: Euro Cylinder Grand Master Keying (2 or more MK groups included)	SV-CYGMK
Service: Euro Cylinder Master Keying, 2 Change Keys Per Cyl, and 3 Master Keys per MK	SV-CYMK

HOW TO ORDER

PD95 Mortise Locks with X Series Levers for Sliding Doors

To order locksets, please describe the additional requirements in the same sequence as below. Please see price book for parts or additional service upcharge.

Rose	Lever	Lock	Function	Backset	Cylinder	Thumbturn	Finish	Handing
XRA ①	201 ②	-PD95 ③	50 ④	A ⑤	CMB1146 ⑥	GT07 ⑦	32D ⑧	LH ⑨
ROSE	LEVER	LOCK			FUNCTION			
XRA XGT	201 244 345	202 276 346	205 318	221 319	243 320	PD95	40 Privacy 50 Office / Entry 60 Patio 70 Classroom 95 Security Communicating	

5 BACKSET

Backset Blank = 2-3/4"

Backset A = 2-1/2"

6 CYLINDER



CMB1146

1-1/4" Cylinder, 6 pin
EC-R460COL Round Collar

L

Less Cylinder

7 THUMBTURN



GT02



GT04



GT07



GS02



GS04



GS07

8 FINISH

Standard:



32D



C19G



C19



CGY



CDB



32



PVD4

PVD4 finish available in the 243 and 276 lever design

9 HANDING




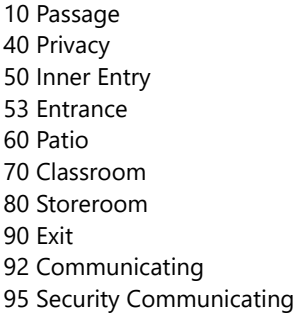
RH = Right Hand

LH = Left Hand

HOW TO ORDER

PD96 Mortise Locks with X Series Levers for Sliding Doors

To order locksets, please describe the additional requirements in the same sequence as below. Please see price book for parts or additional service upcharge.


Rose	Lever	Lock	Function	Backset	Cylinder	Thumbturn	Finish	Handing
XRA	243	-PD96	53	A	CMB1146	GT04	32D	LH
1	2	3	4	5	6	7	8	9
ROSE	LEVER	LOCK			FUNCTION			
								
XRA XGT	201 244 345	202 276 346	205 318	221 319	243 320	PD96		

5 BACKSET

Backset Blank = 2-3/4"

Backset A = 2-1/2"

6 CYLINDER

 **CMB1146**
1-1/4" Cylinder, 6 pin
EC-R460COL Round Collar

L
Less Cylinder

7 THUMBTURN



8 FINISH



PVD4 finish available in the 243 and 276 lever design

9 HANDING

RH = Right Hand

LH = Left Hand

WS90

Wall Strike for Sliding Door



SPECIFICATIONS

Door Thickness	1-3/4" (45mm) Thick door kits available
Strike Case Size	2-7/16" x 1-3/4" x 1-9/16" (61mm x 45mm x 40mm)
Strike Opening Size	1-3/8" x 5/8" (35mm x 16mm)
Material	304 Stainless Steel
Handing	Non-handed

FEATURES

- Designed as an effective, aesthetic solution to enable sliding and barn doors to surface latch
- Unique installation design ensures maximum strength and security via an interlocking mounting
- Concealed fixing with no visible set screws prevents hardware tampering
- Stainless Steel for maximum durability and high tolerance against heat and fire

Description	Part Number	Standard Finish Options
Wall Strike	WS-90	32D Satin Stainless Steel 19G Graphite Black

For additional finish options not listed, contact Sales Department for MOQ and lead times

WS90L

Wall Strike for Sliding Door



SPECIFICATIONS

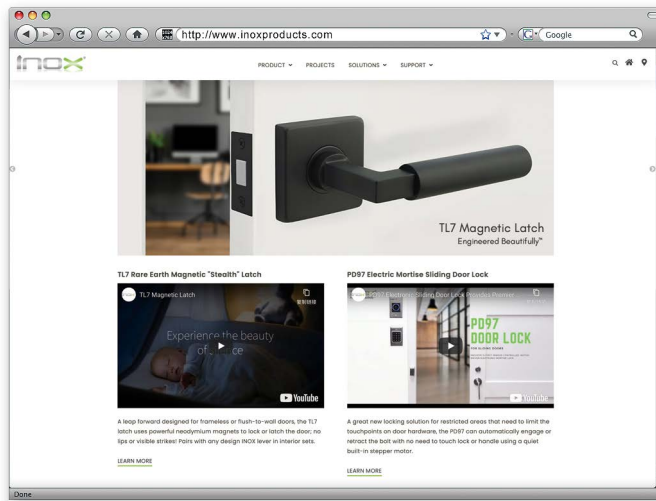
Door Thickness	1-3/4" (45mm) Thick door kits available
Strike Case Size	4-1/4" x 1-3/4" x 1-9/16" (108mm x 45mm x 40mm)
Strike Opening Size	1-3/8" x 5/8" (35mm x 16mm)
Material	304 Stainless Steel
Handing	Non-handed

FEATURES

- Advanced engineered chassis; easily installed with no special tools
- Vandal-resistant anchored bracket
- Concealed fixing with no visible set screws prevents hardware tampering
- Vertically adjustable up to 1/2" for ease of installation
- Stainless Steel for maximum durability and high tolerance against heat and fire

Description	Part Number	Standard Finish Options
Wall Strike	WS90L	32D Satin Stainless Steel 19G Graphite Black

For additional finish options not listed, contact Sales Department for MOQ and lead times



Please visit our website
<https://www.inoxproducts.com>
for more technical and new product information.

Unison Hardware, Inc.
6 Wayne Court, Sacramento, CA 95829, USA Tel: +1.916.388.1888
Email: info@unisonhardware.com