

**Catalog Cuts Report**

For

**La Puente Activity Center - Phase 2**

**Sorted By DHI Sequence**

**Prepared By**

**Dina Abdelmalek**

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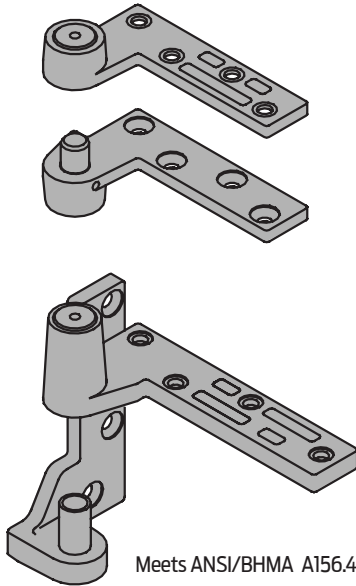
La Puente Activity Center - Phase 2

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Meets ANSI/BHMA A156.4 C07131

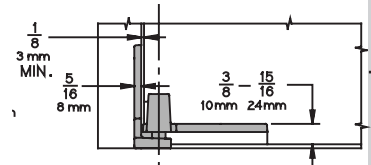
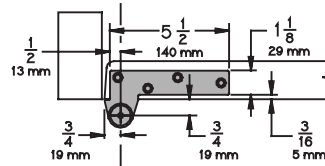
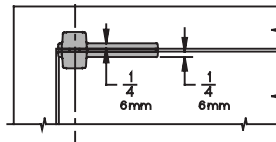
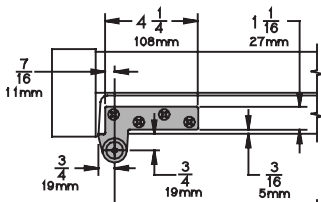
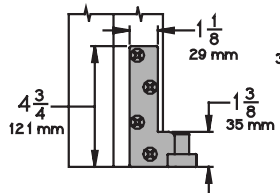
7215 - UL Listed 20 minute fire doors

7215F - UL Listed 3 hour fire doors

## 7215 7215F 3/4" Offset Pivot

- Handed
- Top, header mount
- Bottom, jamb mount
- Use with 1-3/4" minimum door thickness, with 1/8" bevel in 2"
- Maximum door load 500 pounds
- Vertical adjustment range 3/16", with positive locking
- WP - optional weather resistant bottom pivot is modified for improved corrosion resistance. Available in US26D (626) or US32D (630) only.

*Optional 7215-7226-7227 or 7215F-7226F-7227F Intermediate Pivot (handed) for each additional 100 pounds or doors over 7'. See page A47.*  
*Optional 7215PT Power Transfer, non-load bearing. See page A49*



## 7215

### Plated Finishes *brass*

US Number	US3	US4	US10	US10B	US26	US26D
BHMA Number	605	606	612	613	625	626

### Painted Finishes *brass*

US Number	SP4	SP10	SP28	SP313	SPBLK
BHMA Number	706	691	689	695	622

## 7215F

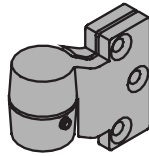
### Plated Finishes *steel*

US Number	US3	US10	US32	US32D
BHMA Number	632	639	629	630

### Painted Finishes *steel*

US Number	SP4	SP10	SP28	SP313	SPBLK
BHMA Number	706	691	689	695	622

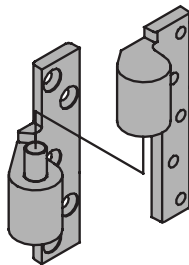
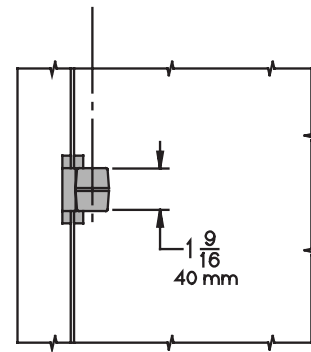
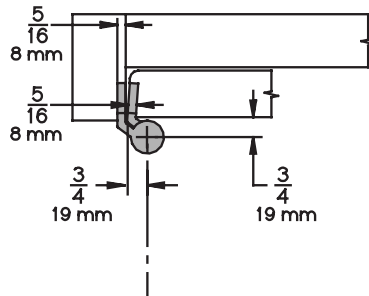
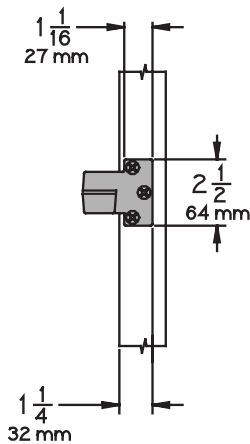
NFPA 80, Section 3-3.8 requires intermediate pivot on some fire door applications, consult factory. Use for door heights over 7'0" and one every 2'6" or . Use for door weight over the pivot set limit. One additional for every additional 100 pounds. Door thickness 1-3/4" minimum with 1/8" bevel in 2".



Meets ANSI/BHMA A156.4 C07382

### 7212-7212V-7222 INT

- Use with 7212, 7212V or 7222 3/4 Offset Pivot
- Handed
- Vertical adjustment 3/16", include positive locking.

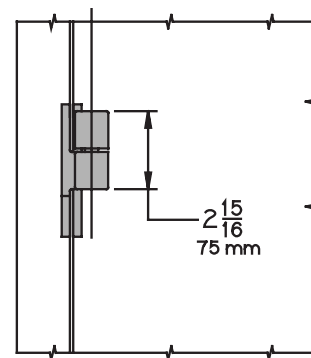
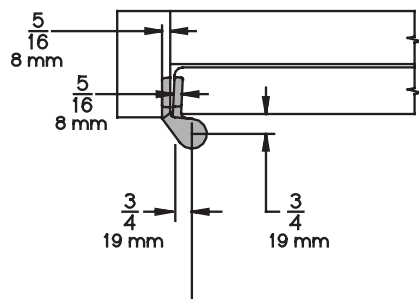
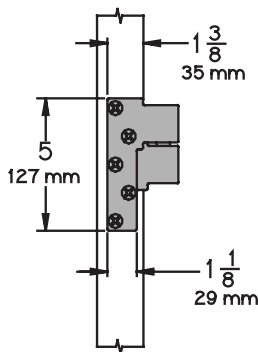


7215-7226-7227 INT:  
UL listed 20 minute fire doors  
Meets ANSI/BHMA A156.4 C07321

7215F-7226F-7227F INT:  
UL listed 3 hour fire doors  
Meets ANSI/BHMA A156.4 C07371

### 7215-7226-7227 INT

- Use with 7215, 7226 or 7227 3/4 Offset Pivot
- Handed
- Vertical adjustment 3/16", include positive locking.



### 7215F-7226F-7227F INT

- Use with 7215F, 7226F or 7227F 3/4 Offset Pivot
- Handed
- Vertical adjustment 3/16", include positive locking.



Meets ANSI/BHMA A156.1  
A8111 – Steel  
A5111 – Stainless Steel  
A2111 – Brass

## 5BB1HW

### 5 Knuckle, Ball Bearing, Heavy Weight Full Mortise Hinge

- For heavy weight doors
- High frequency usage
- 4 ball bearing
- Packed with wood and metal screws

#### Options

- NRP, Non-Removable Pin
- SH, Security Stud
- HT, Hospital Tip
- RC, Round Corners - 1/4" or 5/8" Radius
- SEC, Security Fastners - Pin-in-Socket

#### Dimensions

Size (Inches)	Size (mm)	Gauge	Size (Inches)	Size (mm)	Gauge
4.5 x 4	114 x 102	0.180	5 x 4.5	127 x 114	0.190
4.5 x 4.5	114 x 114	0.180	5 x 5	127 x 127	0.190



Meets ANSI/BHMA A156.1  
A8111 – Steel

## 5BB1WT

### 5 Knuckle, Ball Bearing, Wide Throw Full Mortise Hinge

- For medium weight doors
- Medium frequency usage
- 2 ball bearing
- Packed with wood and metal screws

#### Options

- NRP, Non-Removable Pin
- SH, Security Stud
- HT, Hospital Tip
- RC, Round Corners - 1/4" or 5/8" Radius
- SEC, Security Fastners - Pin-in-Socket

#### Dimensions

Size (Inches)	Size (mm)	Gauge
4.5 x 5	114 x 127	0.134
4.5 x 6	114 x 152	0.134
5 x 6	127 x 152	0.146
5 x 7	127 x 178	0.146
5 x 8	127 x 203	0.146

#### Finishes *brass*

Ives Finish	US3	US4	US10	US10B	US10A	US11	US15	US26	US26D
BHMA	605	606	612	613	614	616	619	625	626

#### Finishes *steel*

Ives Finish	USP	US3	US4	US10	US10B	US10A	US11	US15	US26	US26D
BHMA	600	632	633	639	640	641	643	646	651	652

#### Finishes *stainless steel*

Ives Finish	US32	US32D
BHMA	629	630



Meets ANSI A156.3 Type 27.  
UL Listed 3 Hour Fire Doors 8'0" x 10'0"

### FB51P Top and Bottom Bolts (Pair)

- Constant Latching—inactive door remains latched until the active door is opened, releasing the automatic bottom bolt and then the top bolt can be manually released. Inactive door will relatch automatically when closed.
- Low Actuation Forces.
- Fits standard ANSI A115.4 Door and Frame Preparations.
- Non-handed.
- 3/4" bolt throw with a 7/8" vertical adjustment.
- 3/4" backset
- Standard Rod Length is 12", which is measured from the center of the flush bolt body to the bolt tip. Optional rod lengths available for top bolt only on non-fire rated openings—18", 24", 36" and 48".

*DP1 or DP2 optional dust proof strike available, see page C11.*

### FB51T Top Bolt Only

### FB52 Top Bolt with Auxiliary Fire Latch

- FB52 Model with Auxiliary Fire Latch eliminates the bottom bolt and is UL Listed for Fire Doors.

### FB53 Top Bolt with Auxiliary Fire Latch & Retrofit Plate

- FB53 Model with Auxiliary Fire Latch eliminates the bottom bolt and includes a retrofit plate to cover existing bottom bolt prep. UL Listed for Fire Doors.



Meets ANSI A156.3 Type 27.  
UL Listed 3 Hour Fire Doors 8'0" x 10'0"

### Dimensions

Body Size: 1" Wide x 6-3/4" Long x 2" Deep

Guide Size: 1" Wide x 1-27/32" Long x 11/16" High x 3/32" Thick

Strike Size: 15/16" Wide x 2-1/4" Long x 1/16" Thick

Rub Plate Size: 1-1/4" Wide x 1-11/16" Long x 3/64" Thick

Auxiliary Fire Latch Size: 1" Wide x 1-3/4" Long x 3-1/4" Deep

Retrofit Plate Size: 1" Wide x 6-3/4" Long x 3/32" Thick

### Finishes

Ives Number	US3	US4	US10	US10B	US32	US32D
BHMA	605	606	612	613	629	630



DP1



DP2

Meets Meets ANSI/BHMA 156.16, L14011.

**DP1  
DP2**

**Dust Proof Strikes**

- Designed for use with the bottom bolt of all flush bolts.
- Spring-loaded plunger returns to floor or threshold level anytime flush bolt is retracted, eliminating need to clean standard floor strikes.
- Strike hole is 3/4" Diameter and 1-1/8" Deep

**Dimensions**

DP1 Face Plate: 1-7/16" Diameter

DP2 Face Plate: 1-5/8" W x 3-1/2" L x 1/8" Thick

Body: 1-3/16" Diameter x 1-7/8" Deep

**Finishes**

Ives Number	US3	US4	US10	US10B	US26	US26D
BHMA	605	606	612	613	625	626



# Mullions

## Mullions

**Removable steel mullions** Mullions provide single door performance in double door openings with rim devices. Mullions are easily removed by loosening bottom set screw and removing top fitting cover. The top mullion fitting is attached to the frame and is concealed by the fitting cover.

Steel mullions are 2" (51mm) wide and 3" (76mm) deep, with a wall thickness of  $\frac{1}{8}$ " (3mm).

Mullions are shipped with mounting screws and prepared for strikes. Strikes are not included except where indicated.

Steel mullions are available in SP28 and SP313 finishes. Consult factory for other powder coat finish options.

**KR – Keyed removable steel mullions** makes removal faster and easier by a single operation of the mortise cylinder. Once mullion is removed, large equipment or furniture can freely pass through the opening. The unit will self lock when re-installed, without use of the cylinder key. Uses a  $1\frac{1}{4}$ " mortise cylinder with a straight cam (Schlage cam reference B502-191). Cylinders are sold separately. Prefix mullion model with "KR".

**Removeable aluminum mullions** are  $1\frac{1}{16}$ " (27mm) wide on face closest to the door and  $2\frac{3}{8}$ " (60mm) at the widest point. The depth is  $3\frac{1}{8}$ " (79mm) with a wall thickness of  $\frac{1}{8}$ " (3mm).

Aluminum mullions are available in US4, US10, US28, 313 and 315 finishes. Consult factory for other powder coat finish options.

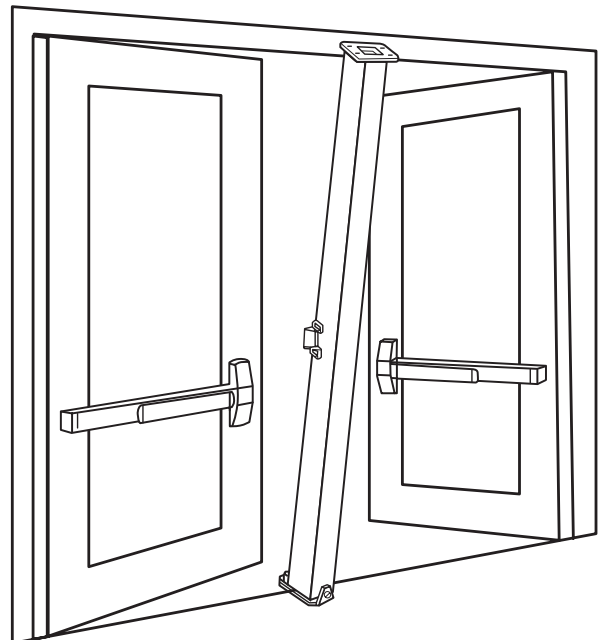
Stock Hollow Metal Applications for devices mounted to cover ANSI 161 cutouts are higher than the standard mullion strike location. Consult the factory for special strike preparation or order a blank mullion. See below.

Blank Mullions are furnished without strike preparation. They are used to mount devices at a strike height different from the standard mullion preparation.

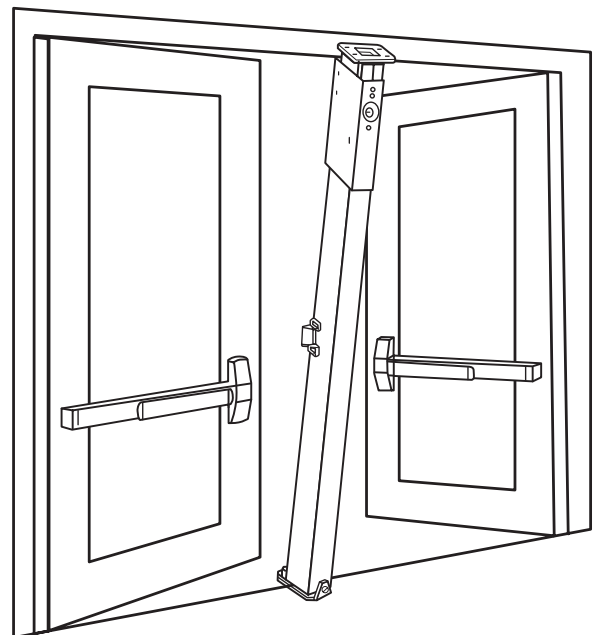
### To order, specify:

1. For keyed Removable option on steel mullions, prefix model number with "KR"
2. Model number.
3. Height of opening
4. Finish
5. Handing if required.
6. Centerline deviation (refer to device template for standard centerline).
7. Strikes, when required, should be ordered with device.
8. For keyed Removable option on steel mullions, prefix model number with "KR"

Removable mullions



Keyed removable steel mullions




# Mullions

## Steel mullions

**1654** Prepared for two 1606 strikes. **If 1606 strikes are not specified on the order, two per mullion will be added. Additional charges apply.**

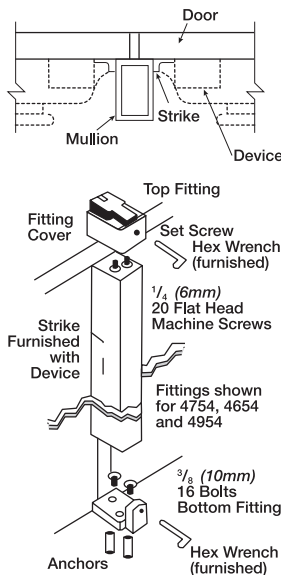
**4954** Prepared for 264 or 299 strikes. For use with all Von Duprin Panic rim devices. **Note: specify strike choice with device.**

 **9954** Prepared for and must be used with two 268 strikes (88-F device), or two 499F (22-F, 98-F, 99F devices). UL fire labeled mullion for up to 3 hour opening using Von Duprin fire exit rim devices. This mullion is not easily removed due to special fittings.

22-F and 88-F devices are rated up to 8' x 8" (2438mm x 2438mm).


98-F and 99-F devices are rated up to 10'0" (3048mm).

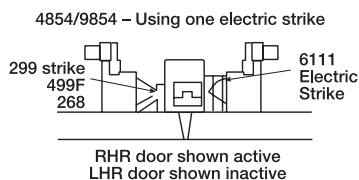
**Note:** If 268 or 499F strikes are not specified on the order, two per mullion will be added. Additional charges apply.



**4754** Prepared for two 4263 monitor strikes.

**4854** Prepared for one 299 and one 6111 electric strike. Indicate handing for electric strike.

 **9854** Prepared for one 268 or 499F strike and one 6111 electric strike. Indicate handing for electric strike. UL fire labelled mullion for up to 3 hour openings up to 8' x 8' (2438mm x 2438mm) using Von Duprin Fire Exit Rim Devices



## Aluminum mullions

**5654** Prepared for two 264 or 299 strikes with weatherstripping. Includes one set of 154 stabilizers.

**5754** Prepared and furnished with one 1408 double door strike. Includes one 154 stabilizer set. Note: specify device "less strike".

### Sizes for mullions

1654, 4954, 4754, 4854, 5654	9854, 9954
7' 2" (2184mm)	7' 3" (2210mm)
*8' 2" (2489mm)	8' 3" (2475mm)
*10' 2" (3099mm)	10' 3" (3124mm)

**KR1654, KR4954, KR4754, KR4854 KR9854\*\*, KR9954\*\*\***

7' 6" (2286mm)	7' 5" (2261mm)
8' 6" (2591mm)	*8' 5" (2565mm)
10' 6" (3200mm)	*10' 5" (3175mm)

\* Only qualifying applications will be provided with UL Label.

\*\* Fire rated same as 9854

\*\*\* Fire rated same as 9954

**Angle plate** is used with narrow transom frames. The plate attaches to the transom extending the surface area needed to mount the mullion. Must be ordered separately. Specify finish.



**154 Stabilizer** is a two-piece interlocking set. One piece mounts on the mullion with the top mounting hole 5 3/16" (148mm) below the centerline of the strike; the other piece mounts on the door. Shims are provided to adjust for misalignment between the door and mullion.

The set maintains integrity between the door and mullion to prevent vandalism and to ensure contact between the device and strike as the doors expand and contract with temperature changes.

Furnished standard on aluminum mullions; optional for steel and all blank steel mullions.



**MT54 Storage kit** is a set of floor and wall brackets that provide convenient storage of the keyed removable mullion when removed from the opening.

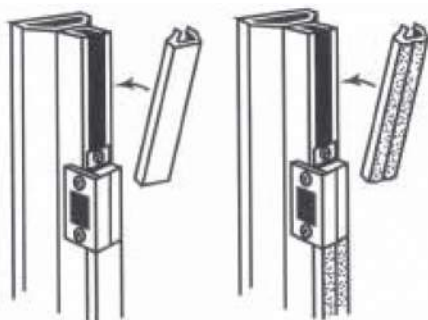
### To order, specify

1. Model MT54.
2. Finish SP28, SP313, or SPBLK

# Weatherstripping

## Weatherstripping

Weatherstripping prevents cold air from blowing between doors and mullion. It also serves as a silencer when the door is closed against the mullion. The silicone treated weatherstrip pile is bonded to a polypropylene backing. A slide-in molding houses the weatherstripping, covers mounting screws of the strike and extends to both the top and bottom of the mullion. Available on aluminum mullions only.



Standard  
edging

Edging with  
weatherstripping

# L Series

## Grade 1, Mortise Locks

### OVERVIEW

The Schlage® L Series has long been the benchmark for Grade 1 mortise locks. Beyond strength and security—it offers flexibility to meet most needs. 67 mechanical functions include ten non-levered small- and large-case deadbolt functions and 15 electrified functions regularly used as part of electronic access control systems, six of which feature motorized latch retraction. L Series locks have the ability to suite across electronic, tubular, exit trim, and multi-point locks to integrate seamlessly into any environment. The series features an array of security options including patented, 180-degree high visibility lock status indication trim, key override of a thumbturn being held, and support for multiple keyway families and cylinder types including Primus® XP high-security cylinders.

### FINISHES



605  
Bright Brass



606  
Satin Brass



609  
Antique Bronze



612<sup>1</sup>  
Satin Bronze



613<sup>1</sup>  
Oil Rubbed  
Bronze



619  
Satin Nickel



622  
Matte Black



625  
Bright Chrome



626  
Satin Chrome



626AM  
Satin Chrome  
Antimicrobial



629<sup>2</sup>  
Bright Stainless  
Steel



630<sup>2</sup>  
Satin Stainless  
Steel



630AM<sup>2</sup>  
Satin  
Stainless Steel  
Antimicrobial



643e  
Aged Bronze



1. Available on standard levers only, not available on Latitude, Longitude, Accent, Asti, or Merano.

2. Not available on Accent, Asti, or Merano.

## M COLLECTION DECORATIVE LEVER STYLES<sup>1</sup>



**M51**  
851 - Knurled tactile warning<sup>2</sup>



**M52 (Broadway)**  
852 - Knurled tactile warning<sup>2</sup>



**M53**



**M54**



**M55**



**M56**



**M57<sup>3</sup>**



**M61**  
*Handed*

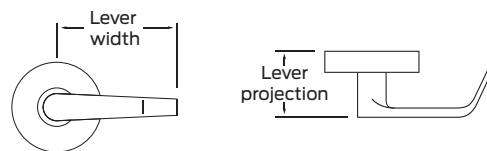


**M62<sup>3</sup>**  
*Handed*



**M63**  
*Handed*

Dimensions		
Lever	Width	Projection
M51	4.5"	3.2"
M52 (Broadway)	4.5"	3"
M53	4.35"	3.2"
M54	4.35"	2.75"
M55	4.3"	3"
M56	4.6"	3"
M57	4.5"	2.9"
M61	4.5"	3.2"
M62	4.5"	2.7"
M63	4.5"	3.2"



- M Collection not available in 612 and 613 finishes.
- Knurled tactile warning available on 609, 612, 613, 625, 626, 629, and 630 finishes only.
- Available in 629, 630, and 630AM only.

Note: Images shown with Schlage L mortise 'A' rose; additional rose and escutcheon designs available.

## M COLLECTION DECORATIVE LEVER STYLES<sup>1</sup>



**M81 (Boardwalk)**  
881 - Knurled tactile warning<sup>2</sup>



**M82**



**M83**



**M84**



**M85**  
*Handed*



**ME1**  
8ME1 - Milled tactile warning  
*Handed*



**ME2**  
8ME2 - Milled tactile warning  
*Handed*

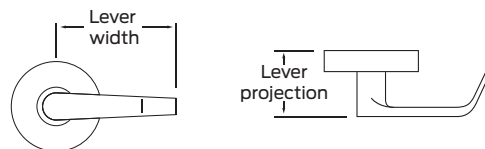


**ME3**  
8ME3 - Milled tactile warning

### Dimensions

Lever	Width	Projection
M81 (Boardwalk)	4.8"	2.9"
M82	4.8"	2.9"
M83	4.6"	2.9"
M84	5.1"	3"
M85	4.9"	3.3"
ME1	5.5"	3"
ME2	5.2"	2.8"
ME3	5.1"	3.2"

Return to door meets 1/2" requirement for all levers shown on this page.



- M Collection not available in 612 and 613 finishes.
- Knurled tactile warning available on 609, 612, 613, 625, 626, 629, and 630 finishes only.

Note: Images shown with Schlage L mortise 'A' rose; additional rose and escutcheon designs available. ME1, ME2 and ME3 ergonomic levers designed with Gensler as product design consultant.

## STANDARD LEVER AND KNOB STYLES



**01**  
801 - Milled tactile warning



**02**  
802 - Knurled tactile warning<sup>1</sup>



**03 (Tubular)**  
803 - Knurled tactile warning<sup>1</sup>



**05**  
805 - Milled tactile warning



**06 (Rhodes)**  
806 - Milled tactile warning



**07 (Athens)**  
807 - Milled tactile warning



**12**  
812 - Milled tactile warning  
*Handed*



**17 (Sparta)**  
817 - Milled tactile warning

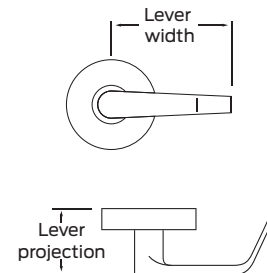


**18**  
818 - Milled tactile warning

### Dimensions

Lever	Width	Projection
01	3.88"	2.69"
02	4.75"	2.81"
03 (Tubular)	4.75"	2.81"
05	3.75"	2.88"
06 (Rhodes)	4.63"	2.5"
07 (Athens)	4.63"	2.88"
12	4.63"	3.06"
17 (Sparta)	4.75"	3"
18	4.88"	2.69"

Return to door meets 1/2" requirement for 03, 06 and 17 levers.



<sup>1</sup> Knurled tactile warning available on 609, 612, 613, 625, 626, 629, and 630 finishes only.

Note: Images shown with Schlage L mortise 'A' rose; additional rose and escutcheon designs available.

## STANDARD LEVER AND KNOB STYLES



**ACC (Accent)<sup>1</sup>**  
*Handed*



**AST (Asti)<sup>1</sup>**  
*Handed*



**LAT (Latitude)<sup>2</sup>**



**LON (Longitude)<sup>2</sup>**



**MER (Merano)<sup>1</sup>**  
*Handed*



**OME (Omega)**



**41**

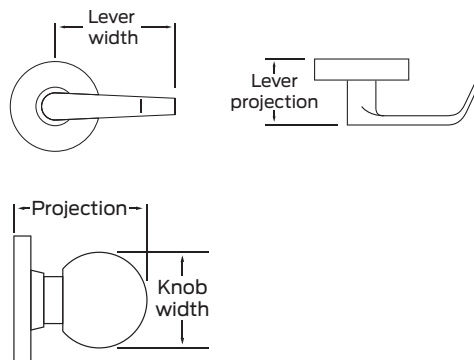


**42**

### Dimensions

Lever	Width	Projection
ACC (Accent)	4.13"	3.13"
AST (Asti)	4"	2.63"
LAT (Latitude)	4.75"	2.56"
LON (Longitude)	4.88"	2.56"
MER (Merano)	4"	3.13"
OME (Omega)	5.06"	3.31"
41	2.21"	2.34"
42	2.13"	2.54"

Return to door meets 1/2" requirement for Longitude and Omega levers.



1. Not available in 612, 613, 629, or 630 finishes.

2. Not available in 612 or 613 finishes.

Note: Images shown with Schlage L mortise 'A' rose; additional rose and escutcheon designs available.



## ESCUTCHEONS



**L full face**  
Specify by adding 'L' after lever design.

**Finishes:** available in all L Series finishes.



**L concealed**  
Specify by adding 'C' suffix to function and by adding 'L' after lever design.

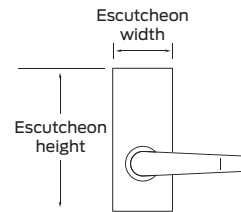
**Finishes:** available in all L Series finishes.



**N full face**  
Specify by adding 'N' after lever design.

**Finishes:** available in all L Series finishes.

Escutcheon	Width	Height
L full face	1.75"	7.938"
L concealed	1.75"	7.938"
N full face	2.5"	7.875"



## ROSES



**A rose**  
Available for use on L Series knob and lever designs. Specify by adding 'A' after lever design.

**Finishes:** available in all L Series finishes.



**B rose**  
Available for use on L Series knob and lever designs. Specify by adding 'B' after lever design.

**Finishes:** available in all L Series finishes.



**C rose**  
Available for use on L Series knob and lever designs. Specify by adding 'C' after lever design.

**Finishes:** 605, 606, 609, 619, 622, 625, 626, 629, 630, 643e.



**AVA rose**  
Available for use with AST lever only. Specify as ASTAVA.

**Finishes:** 605, 606, 609, 619, 622, 625, 626, 643e.



**MER rose**  
Available for use with MER lever only. Specify as MERMER.

**Finishes:** 605, 606, 609, 619, 622, 625, 626, 643e.

Rose	Diameter
A	2.125"
B	2.562"
C	2.625"
AVA	2.625"
MER	2.625"



## THUMBTURNS



**ADA thumbturn (standard)**  
09-544



**Large ADA thumbturn**  
09-509 x L583-363  
Not available with L9463 and L463



**Basic thumbturn**

# INDICATORS

## Inside Trims



Thumbturn



Key cylinder



Standard for lock functions L9486, L9496 and L496, used with A or B roses only. Available messages: "OCCUPIED", "DO NOT DISTURB" or "LOCKED".

## Outside Trims



Emergency key



Coin turn



Key cylinder

Available messages				
	LOCKED	OCCUPIED	DO NOT DISTURB	UNLOCKED
	UNLOCKED	VACANT		LOCKED
Inside trim	IS-LOC	IS-OCC	IS-DND	IS-SYM
Outside trim	OS-LOC	OS-OCC	OS-DND	OS-SYM
Inside trim	IS-LOCFR	IS-OCCFR	–	–
Outside trim	OS-LOCFR	OS-OCCFR	–	–

Note: Spanish language options available via RFQ.

Dimensions		
	Width	Height
Escutcheon	2.6"	9.7"
Sectional	2.6"	6.1"
Main window	2"	0.6"
Side windows	0.3"	0.6"

# LIGATURE-RESISTANT SOLUTIONS



SL1<sup>1,2</sup>



SK1<sup>1,2</sup>

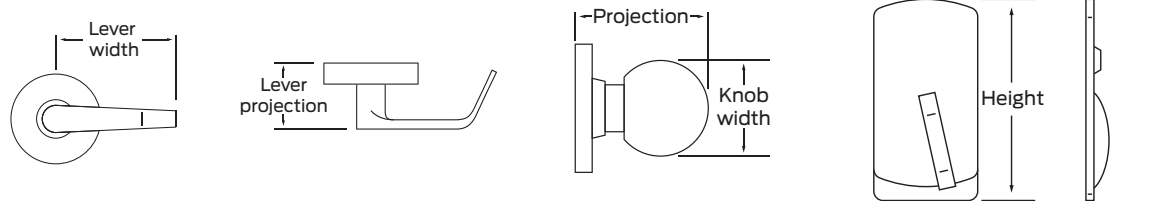


HSLR<sup>2,3</sup>  
Handed

Specifications and certifications			
	SL1	SK1	HSLR
Accepted by OHM	●	●	●
ADA compliant	●	-	●
Suitable for:			
High risk areas	-	●	●
Medium risk areas	●	●	●
Low risk areas	●	●	●

Caution: Cone shaped door knobs and thumbturns do not comply with ADA requirements for graspability.

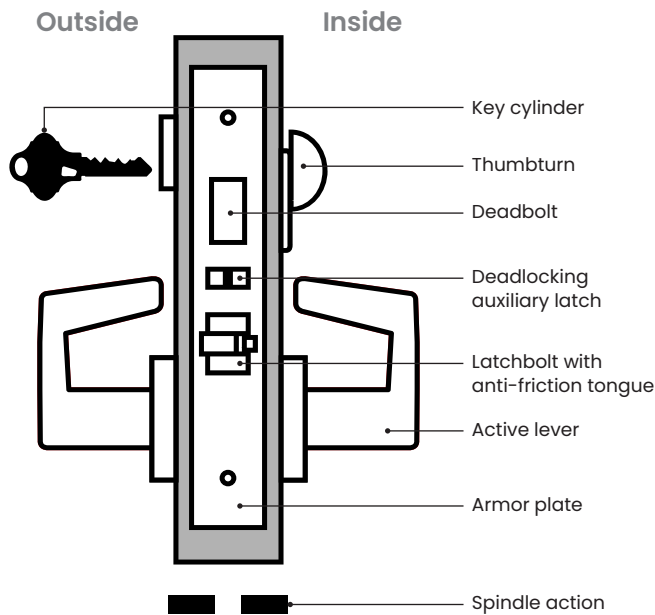
Dimensions			
	Width	Height	Projection
SL1	4.5"		3.13"
SK1	3.19"		2.31/25"
HSLR	6"	13.17"	2.27"



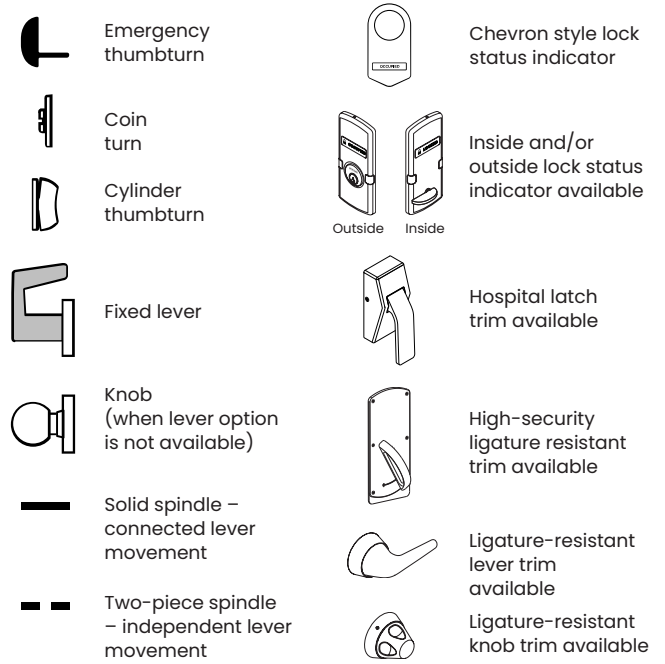
1. Only available in 630 and 630AM finishes.  
2. Not available with Vandlgard option.  
3. Only available in 630 finish.

## MECHANICAL LOCK FUNCTIONS

### Legend



### Key



### Product identification guide

#### LV9460 with XL11-635

##### Lock series and function code

L = standard  
LV = Vandlgard® option  
LM = multi-latch  
LMV = multi-latch with Vandlgard

0 = no lock case (dummy trim)  
9 = functions with lock case

0 = no deadbolt  
1 = dummy trim  
4 = with deadbolt

Function code

Functions requiring special ordering nomenclature



**Vandlgard® feature helps protect the lock chassis from damage.**

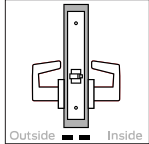
The Vandlgard optional feature available on many functions allows the outside lever to rotate freely down when in a locked state. This limits the ability of vandals to apply excessive force to the lever helping to prevent damage to internal components.

## NON-KEYED FUNCTIONS

**Schlage**  
**L9010**

**ANSI**  
**F01**

**Passage latch**

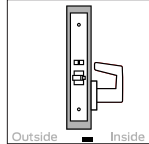


- Levers (or knobs) only—both sides; latchbolt only
- Latchbolt retracted by lever (or knob) from either side at all times
- Inside lever always free for immediate egress

**Schlage**  
**L9025**

**ANSI**  
**F31**

**Exit or communicating lock**



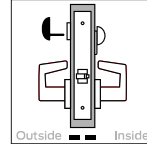
- No outside trim; lever (or knob) only—inside; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from inside only
- Inside lever always free for immediate egress

When ordering, specify door handing.

**Schlage**  
**L/LV9040**

**ANSI**  
**F22**

**Bath/bedroom privacy lock**



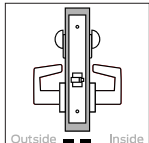
- Emergency thumbturn access outside; thumbturn inside; latchbolt only
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by rotating inside thumbturn; Vandlgard® option allows outside lever to rotate freely down while locked
- To unlock from outside, remove access hole cover, insert emergency thumbturn (furnished) and rotate
- Rotating inside thumbturn unlocks outside lever; turning inside lever retracts latchbolt and unlocks outside lever; closing door also unlocks preventing lock-out
- Inside lever always free for immediate egress

Note: Hospital latch trim not available with Vandlgard option.

**Schlage**  
**L/LV9040 with XL11-446**

**ANSI**  
**-**

**Privacy with thumbturn both sides**



- Thumbturn both sides; latchbolt only
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by rotating either thumbturn; Vandlgard® option allows outside lever to rotate freely down while locked
- Rotating either thumbturn unlocks outside lever
- Rotating inside lever retracts latchbolt and unlocks outside lever; closing door also unlocks
- Inside lever always free for immediate egress

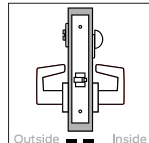
Note: Available in rose or L escutcheon trim only.

To order, specify function and note XL11-446 as a special option.

**Schlage**  
**L/LV9044**

**ANSI**  
**-**

**Privacy with coin turn outside**



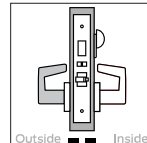
- Coin turn outside; thumbturn inside; latchbolt only
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by rotating outside coin turn or inside thumbturn; Vandlgard® option allows outside lever to rotate freely down while locked
- Rotating outside coin turn unlocks outside lever
- Rotating inside thumbturn unlocks outside lever; turning inside lever retracts latchbolt and unlocks outside lever; closing door also unlocks preventing lock-out
- Inside lever always free for immediate egress

Note: Ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L9412**

**ANSI**  
**-**

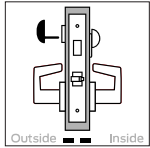
**Exit lock with deadbolt**



- Lever (or knob) only—outside; thumbturn inside with lever; deadbolt, latchbolt and deadlocking auxiliary latch
- Outside lever (or knob) always fixed; latchbolt retracted by inside lever
- Deadbolt thrown or retracted by rotating inside thumbturn
- Rotating inside lever retracts both deadbolt and latchbolt
- Inside lever always free for immediate egress

## NON-KEYED FUNCTIONS

### Schlage L/LV9440



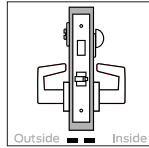
#### Privacy with deadbolt



- Emergency thumbturn access outside; thumbturn inside; deadbolt and latchbolt
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative when deadbolt is thrown by rotating inside thumbturn; Vandlgard® option allows outside lever to rotate freely down while locked
- To unlock from outside, remove access hole cover, insert emergency thumbturn (furnished) and rotate
- Rotating inside thumbturn unlocks outside lever; turning inside lever retracts both deadbolt and latchbolt and unlocks outside lever
- Inside lever always free for immediate egress

### ANSI F19

### Schlage L/LV9444



#### Privacy with deadbolt and coin turn outside



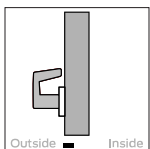
- Coin turn outside; thumbturn inside; deadbolt and latchbolt
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative when deadbolt is thrown by rotating inside thumbturn or outside coin turn; Vandlgard® option allows outside lever to rotate freely down while locked
- Rotating outside coin turn retracts deadbolt and unlocks outside lever
- Rotating inside thumbturn unlocks outside lever; turning inside lever retracts both deadbolt and latchbolt and unlocks outside lever
- Inside lever always free for immediate egress

Note: Ligature-resistant trims not available with Vandlgard option.

### ANSI -

## NON-KEYED DUMMY FUNCTIONS

### Schlage L0170



#### Half dummy trim

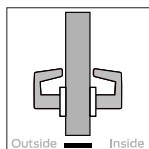
- Lever (or knob) only-one side; no armor front or mortise case
- Lever always fixed

Note: Do not use on hollow core wood doors. All metal door applications require reinforcement.

Ordering: Specify door handing. Additionally, when ordering with escutcheon trim, an inside escutcheon with through bolts will be provided.

### ANSI -

### Schlage L0172



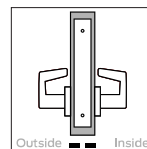
#### Full dummy trim

- Levers (or knobs) only-both sides; no armor front or mortise case
- Both levers always fixed

Note: All metal door applications require reinforcement.

### ANSI -

### Schlage L9110



#### Full dummy trim with active levers

- Levers (or knobs) only-both sides; blank armor front without latchbolt
- Both levers always active

Note: Includes blank armor front and lock case.

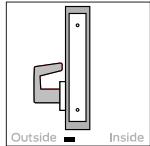
May be ordered with optional XLII-743 armor front with cutout to receive deadbolt.

### ANSI -

## NON-KEYED DUMMY FUNCTIONS

### Schlage L9175

ANSI  
-



**Half dummy trim  
with lock case**

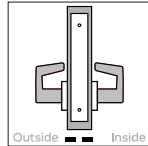
- Lever (or knob) only-one side; blank armor front without latchbolt
- Lever always fixed

Note: Includes blank armor front and lock case.

Door handing must be specified. May be ordered with optional XL11-743 armor front with cutout to receive deadbolt.

### Schlage L9176

ANSI  
-



**Full dummy trim  
with lock case**

- Levers (or knobs) only-both sides; blank armor front without latchbolt
- Both levers always fixed

Note: Includes blank armor front and lock case.

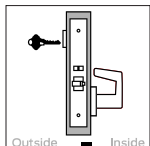
May be ordered with optional XL11-743 armor front with cutout to receive deadbolt.

Ordering: In a double-door application where dummy is used as the strike, order 10-091 armored front strike separately.

## SINGLE CYLINDER NON-DEADBOLT FUNCTIONS

### Schlage L9026

ANSI  
-



**Exit lock with cylinder**

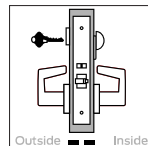
- Key cylinder only, no lever (or knob) outside; lever only-inside; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever from inside
- Key outside retracts latchbolt
- Inside lever always free for immediate egress

Note: Available in rose or L escutcheon trim only.

When ordering, specify door handing.

### Schlage L/LV9050

ANSI  
F04



**Entrance/office lock**

- Key cylinder outside; thumbturn inside; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by key outside or by turning inside thumbturn; Vandlgard® option allows both levers to rotate freely down while locked
- Key outside unlocks outside lever and retracts latchbolt
- Rotating inside thumbturn unlocks outside lever; turning inside lever retracts latchbolt but does not unlock
- Inside lever always free for immediate egress

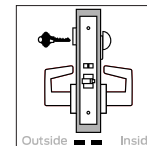
Caution: Egress without fully rotating the thumbturn to vertical position can result in lock-out situations.

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

### Schlage L/LV9056

ANSI  
-

#### L/LV9056 with XL13-439 key override



**Entrance/office lock with  
automatic unlocking**

- Key cylinder outside; thumbturn inside; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by key outside or by turning inside thumbturn; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside unlocks outside lever and retracts latchbolt; XL13-439 option allows key to retract latchbolt overriding thumbturn if being held in locked position
- Rotating inside thumbturn unlocks outside lever; turning inside lever retracts latchbolt and unlocks outside lever; closing door also unlocks preventing lock-out
- Inside lever always free for immediate egress

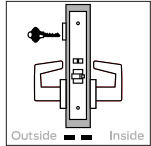
Note: Ligature-resistant trims not available with Vandlgard option.

To order with key override, specify function and note XL13-439 as a special option.

## SINGLE CYLINDER NON-DEADBOLT FUNCTIONS

### Schlage L/LV9070

### ANSI F05



#### Classroom lock, exterior lockdown only



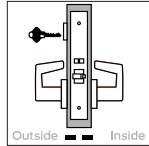
- Key cylinder outside with lever (or knob); lever only-inside; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever from either side
- Outside lever is made inoperative by key outside; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside unlocks outside lever and retracts latchbolt
- Inside lever always free for immediate egress

Note: Outside lever remains inoperative until unlocked by key.

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

### Schlage L/LV9076

### ANSI F06



#### Classroom holdback lock, exterior lockdown only



- Key cylinder outside with lever (or knob); lever only-inside; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever from either side
- Outside lever is made inoperative by key outside; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside unlocks outside lever and retracts latchbolt
- Rotate inside lever while turning key 360° to activate retracted latch holdback feature; to deactivate, reverse key rotation 360°
- Inside lever always free for immediate egress

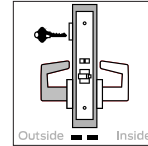
Note: Outside lever remains inoperative until unlocked by key.

Note: Locks with holdback feature are not UL listed. Installation should be in accordance with existing codes only.

Note: Ligature-resistant trims not available with Vandlgard option.

### Schlage L/LV9080

### ANSI F07



#### Storeroom lock

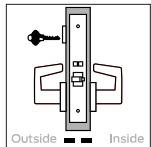


- Key cylinder outside with lever (or knob); lever only-inside; latchbolt and deadlocking auxiliary latch
- Outside lever always fixed; latchbolt retracted by inside lever; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside retracts latchbolt
- Inside lever always free for immediate egress

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

### Schlage L/LV9081

### ANSI -



#### Accessible storeroom lock

- Key cylinder outside with lever (or knob); lever only-inside; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever from either side
- Outside lever is made inoperative by key outside; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside inserted and turned 280° unlocks allowing outside lever to retract latchbolt
- Inside lever always free for immediate egress

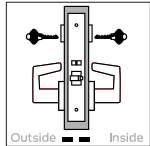
When ordering, specify door handing.



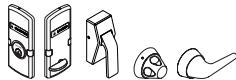
## DOUBLE CYLINDER NON-DEADBOLT FUNCTIONS

**Schlage**  
**L/LV9060**

**ANSI**  
**F09**



**Apartment entrance lock**



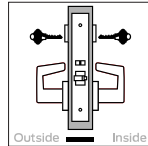
- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by key inside; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside retracts latchbolt but cannot lock or unlock outside lever
- Rotating inside lever retracts latchbolt; key inside retracts latchbolt and unlocks outside lever
- Inside lever always free for immediate egress

Note: Outside lever remains inoperative until unlocked by key inside.

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L9066**

**ANSI**  
**-**



**Store lock**



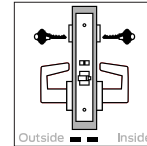
- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Both levers are made inoperative by key from either side
- Key use on either side unlocks both levers and retracts latchbolt

Caution: Double cylinder locks on any door, in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

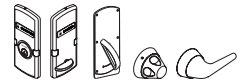
Note: Ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9071**

**ANSI**  
**F32**



**Classroom security lock, interior/exterior lockdown**



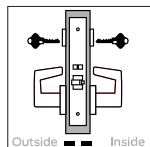
- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by key from either side; Vandlgard® option allows outside lever to rotate freely down while locked
- Rotating inside lever retracts latchbolt; key on either side unlocks outside lever and retracts latchbolt
- Inside lever always free for immediate egress

Note: Outside lever remains inoperative until unlocked by key.

Note: Ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9077**

**ANSI**  
**-**



**Classroom security holdback lock, interior/exterior lockdown**



- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative by key from either side; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside retracts latchbolt but cannot unlock outside lever
- Rotating inside lever retracts latchbolt; key inside retracts latchbolt and unlocks outside lever
- Rotate inside lever while turning key 360° to activate retracted latch holdback feature; to deactivate, reverse key rotation 360°
- Inside lever always free for immediate egress

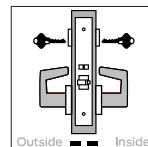
Note: Outside lever remains inoperative until unlocked by key inside.

Note: Locks with holdback feature are not UL listed. Installation should be in accordance with existing codes only.

Note: Ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9082**

**ANSI**  
**F30**



**Institution lock**



- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Both levers (or knobs) always fixed; Vandlgard® option allows both levers to rotate freely down while locked
- Key on either side retracts latchbolt

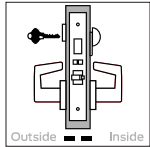
Caution: Double cylinder locks on any door, in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

## SINGLE CYLINDER DEADBOLT FUNCTIONS

**Schlage**  
**L/LV9453**

**ANSI**  
**F20**



**Entrance/office lock with deadbolt**



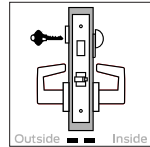
- Key cylinder outside; thumbturn inside; deadbolt, latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative when deadbolt is thrown by key outside; rotating thumbturn 20° locks outside lever only; rotating thumbturn 90° also throws deadbolt; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside retracts deadbolt and latchbolt, however, outside lever remains locked
- Rotating inside lever retracts deadbolt and latchbolt; outside lever unlocked when thumbturn is returned to vertical position
- Inside lever always free for immediate egress

Caution: Egress without fully rotating the thumbturn to vertical position can result in lock-out situations.

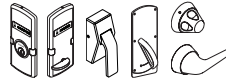
Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9456**

**L/LV9456 with XL13-439 key override**



**Corridor lock with deadbolt**



- Key cylinder outside; thumbturn inside; deadbolt and latchbolt
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative when deadbolt is thrown by key outside or by inside thumbturn; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside retracts deadbolt and unlocks outside lever; XL13-439 option allows key to retract deadbolt overriding thumbturn if being held in locked position
- Rotating inside lever retracts both deadbolt and latchbolt and unlocks outside lever
- Inside lever always free for immediate egress

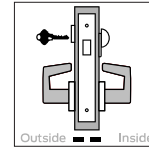
Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

To order with key override, specify function and note XL13-439 as a special option.

**ANSI**  
**F13**

**Schlage**  
**L9460 with XL11-635**

**ANSI**  
**-**



**Cylinder x thumbturn deadbolt with fixed levers**

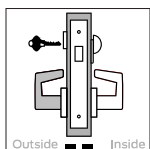


- Key cylinder outside; thumbturn inside; deadbolt only
- Both levers (or knobs) always fixed
- Deadbolt thrown or retracted by key outside or by inside thumbturn

To order, specify function and note XL11-635 as a special option.

**Schlage**  
**L9460 with XL11-886**

**ANSI**  
**-**



**Cylinder x thumbturn deadbolt with inside active lever**

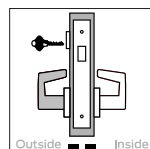


- Key cylinder outside; thumbturn inside; deadbolt only
- Outside lever (or knob) always fixed; inside lever always active
- Deadbolt thrown or retracted by key outside or by inside thumbturn
- Rotating inside lever retracts deadbolt
- Inside lever always free for immediate egress

To order, specify function and note XL11-886 as a special option.

**Schlage**  
**L9464 with XL11-886**

**ANSI**  
**-**



**Single cylinder deadbolt with inside active lever**

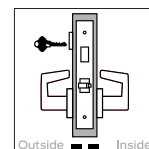


- Key cylinder outside with lever (or knob); lever only-inside; deadbolt only
- Outside lever always fixed; inside lever always active
- Deadbolt thrown or retracted by key outside
- Rotating inside lever retracts deadbolt
- Inside lever always free for immediate egress

To order, specify function and note XL11-886 as a special option.

**Schlage**  
**L9465**

**ANSI**  
**-**



**Closet/storeroom lock**



- Key cylinder outside with lever (or knob); lever only-inside; deadbolt and latchbolt
- Latchbolt retracted by lever from either side at all times
- Deadbolt thrown or retracted by key outside

Caution: Deadbolt locks with outside key retraction only can result in situations where occupants can be locked in.

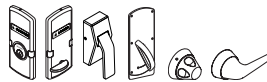
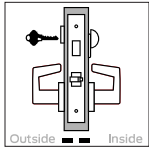
Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

## SINGLE CYLINDER DEADBOLT FUNCTIONS

**Schlage**  
**L9473**

**ANSI**  
**F21**

**Dormitory/bedroom lock**



- Key cylinder outside; thumbturn inside; deadbolt and latchbolt
- Latchbolt retracted by lever (or knob) from either side at all times
- Deadbolt thrown or retracted by key outside or by inside thumbturn

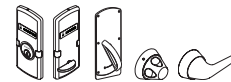
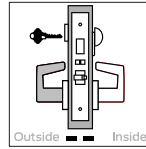
Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9480**

**L/LV9480 with XL13-439 key override**

**ANSI**  
**-**

**Storeroom lock with deadbolt**



- Key cylinder outside; thumbturn inside; deadbolt, latchbolt and deadlocking auxiliary latch
- Outside lever (or knob) always fixed; latchbolt retracted by inside lever; Vandlgard® option allows outside lever to rotate freely down while locked
- Deadbolt thrown or retracted by key outside or by inside thumbturn
- Key outside retracts deadbolt and latchbolt, however, outside lever remains locked; XL13-439 option allows key to retract deadbolt and latchbolt overriding thumbturn if being held in locked position
- Rotating inside lever retracts both deadbolt and latchbolt
- Inside lever always free for immediate egress

Note: Ligature-resistant trims not available with Vandlgard option.

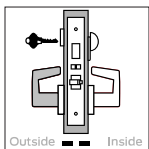
To order with key override, specify function and note XL13-439 as a special option.

**Schlage**  
**L/LV9485**

**L/LV9485 with XL13-439 key override**

**ANSI**  
**-**

**Faculty/hotel restroom lock with deadbolt**



- Key cylinder outside; thumbturn inside; deadbolt, latchbolt and deadlocking auxiliary latch
- Outside lever (or knob) always fixed; latchbolt retracted by inside lever; Vandlgard® option allows outside lever to rotate freely down while locked
- Deadbolt thrown or retracted by rotating inside thumbturn
- Key outside retracts latchbolt but does not retract deadbolt unless using an emergency key (sold separately)
- Optional XL13-439 allows emergency key to retract deadbolt and latchbolt overriding thumbturn if being held in locked position
- Rotating inside lever retracts both deadbolt and latchbolt
- Inside lever always free for immediate egress

Note: Not available in SFIC or Everest SL formats.

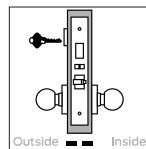
Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

To order with key override, specify function and note XL13-439 as a special option.

**Schlage**  
**L9485 with XL11-557**

**ANSI**  
**-**

**Prison function lock**



- Key cylinder outside with knob; knob only-inside; deadbolt, latchbolt and deadlocking auxiliary latch
- Outside knob always free spinning; latchbolt retracted by inside knob
- Inside knob is made inoperative (fixed) when deadbolt is thrown by guard key outside
- Guard key outside retracts deadbolt and unlocks inside knob; in unlocked state use of prisoner's key outside retracts latchbolt only

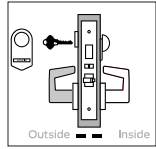
Note: Available with knobs in rose or L escutcheon trim only. Tamper-resistant Torx screws standard.

To order, specify function and note XL11-557 as a special option.

## SINGLE CYLINDER DEADBOLT FUNCTIONS

### Schlage L/LV9486

#### L/LV9486 with XL13-439 key override



#### Faculty/hotel restroom lock with chevron indicator



- Key cylinder outside; thumbturn inside; deadbolt, latchbolt and deadlocking auxiliary latch
- Outside lever (or knob) always fixed; latchbolt retracted by inside lever; Vandlgard® option allows outside lever to rotate freely down while locked
- Deadbolt thrown or retracted by rotating inside thumbturn, when thrown-indicator message changes from blank to "DO NOT DISTURB"
- Key outside retracts latchbolt but does not retract deadbolt unless using an emergency key (sold separately)
- Optional XL13-439 allows emergency key to retract deadbolt and latchbolt overriding thumbturn if being held in locked position
- Rotating inside lever retracts both deadbolt and latchbolt
- Inside lever always free for immediate egress

Note: Not available in SFIC or Everest SL formats. Hospital latch trim not available with Vandlgard option.

To order with key override, specify function and note XL13-439 as a special option.

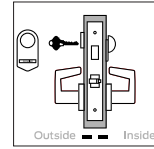
Available with A, B or C roses only; to order chevron indicator with "OCCUPIED" message specify L583-375.

ANSI

-

### Schlage L/LV9496

#### L/LV9496 with XL13-439 key override



#### Corridor lock with chevron indicator

- Key cylinder outside; thumbturn inside; deadbolt and latchbolt
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative when deadbolt is thrown by key outside or by inside thumbturn, when thrown-indicator message changes from blank to "OCCUPIED"; Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside retracts deadbolt and unlocks outside lever; XL13-439 option allows key to retract deadbolt overriding thumbturn if being held in locked position
- Rotating inside lever retracts both deadbolt and latchbolt and unlocks outside lever
- Inside lever always free for immediate egress

Note: Available in rose trim only.

To order with key override, specify function and note XL13-439 as a special option.

Adds chevron style occupancy indicator (09-611) to sectional trim lock with A or B roses only.

ANSI

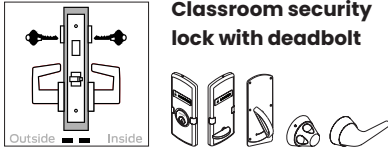
-

## DOUBLE CYLINDER DEADBOLT FUNCTIONS

**Schlage**  
**L/LV9457**

**ANSI**  
**F33**

**Classroom security lock with deadbolt**



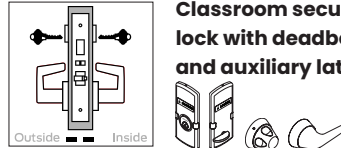
- Key cylinder both sides; deadbolt and latchbolt
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative when deadbolt is thrown by key from either side; Vandlgard® option allows outside lever to rotate freely down while locked
- Key either side retracts both latchbolt and deadbolt and unlocks outside lever
- Rotating inside lever retracts both deadbolt and latchbolt and unlocks outside lever
- Inside lever always free for immediate egress

Note: Ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9458**

**ANSI**  
**F34**

**Classroom security lock with deadbolt and auxiliary latch**



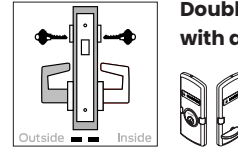
- Key cylinder both sides; deadbolt, latchbolt and deadlocking auxiliary latch
- Latchbolt retracted by lever (or knob) from either side
- Outside lever is made inoperative when deadbolt is thrown by key from either side; Vandlgard® option allows outside lever to rotate freely down while locked
- Key either side retracts both latchbolt and deadbolt and unlocks outside lever
- Rotating inside lever retracts both deadbolt and latchbolt and unlocks outside lever
- Inside lever always free for immediate egress

Note: Ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L9462 with XL11-886**

**ANSI**  
**-**

**Double cylinder deadbolt with active inside lever**



- Key cylinder both sides; deadbolt only
- Outside lever (or knob) always fixed; inside lever always active
- Deadbolt thrown or retracted by key from either side
- Rotating inside lever retracts deadbolt
- Inside lever always free for immediate egress

To order, specify function and note XL11-886 as a special option.

**Schlage**  
**L9466**

**ANSI**  
**F14**

**Utility room/storeroom lock**



- Key cylinder both sides; deadbolt and latchbolt
- Latchbolt retracted by lever (or knob) from either side
- Deadbolt thrown or retracted by key from either side

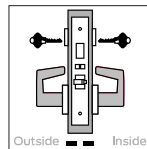
Caution: Double cylinder locks on any door, in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

**Schlage**  
**L/LV9482**

**ANSI**  
**-**

**Institution lock with deadbolt**



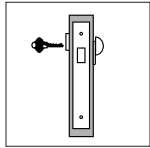
- Key cylinder both sides; deadbolt, latchbolt and deadlocking auxiliary latch
- Both levers always fixed; Vandlgard® option allows both levers to rotate freely down while locked
- Deadbolt thrown or retracted by key from either side
- Key on either side retracts both deadbolt and latchbolt

Caution: Double cylinder locks on any door, in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

## MORTISE DEADBOLT FUNCTIONS

**Schlage**  
**L9460**

**ANSI**  
**F17**

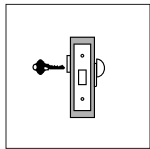


**Cylinder x thumbturn  
mortise deadbolt**



**Schlage**  
**L460**

**ANSI**  
**E06071**



**Cylinder x thumbturn  
small case mortise  
deadbolt**



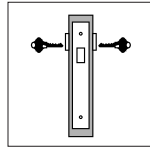
- Key cylinder only, no lever (or knob) outside; thumbturn only, no lever inside; deadbolt only
- Deadbolt thrown or retracted by key outside or by inside thumbturn

Note: L9000 mortise deadbolts available in L escutcheon or sectional trim only.

Note: L400 small case not available with escutcheon trim.

**Schlage**  
**L9462**

**ANSI**  
**F16**

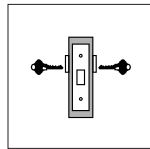


**Double cylinder  
mortise deadbolt**



**Schlage**  
**L462**

**ANSI**  
**E06061**



**Double cylinder small  
case mortise deadbolt**



- Key cylinder both sides, no levers (or knobs); deadbolt only
- Deadbolt thrown or retracted by key from either side

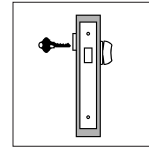
Caution: Double cylinder locks on any door, in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Note: L9000 mortise deadbolts available in L escutcheon or sectional trim only.

Note: L400 small case not available with escutcheon trim.

**Schlage**  
**L9463**

**ANSI**  
**F29**

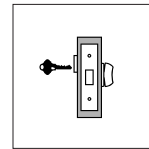


**Cylinder x cylinder  
thumbturn mortise  
deadbolt**



**Schlage**  
**L463**

**ANSI**  
**E06091**



**Cylinder x cylinder  
thumbturn small case  
mortise deadbolt**



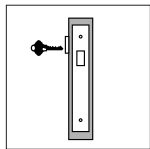
- Key cylinder only, no lever (or knob) outside; cylinder thumbturn only, no lever inside; deadbolt only
- Deadbolt thrown or retracted by key outside
- Rotating inside thumbturn retracts deadbolt but cannot project it

Note: L9000 mortise deadbolts available in L escutcheon or sectional trim only.

Note: L400 small case not available with escutcheon trim.

**Schlage**  
**L9464**

**ANSI**  
**F18**

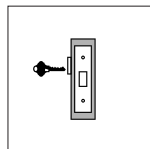


**Cylinder only  
mortise deadbolt**



**Schlage**  
**L464**

**ANSI**  
**E06081**



**Cylinder only small  
case mortise deadbolt**



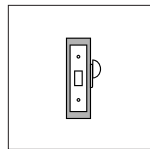
- Key cylinder only, no lever (or knob) outside; no interior trim; deadbolt only
- Deadbolt thrown or retracted by key

Note: L9000 mortise deadbolts available in L escutcheon or sectional trim only.

Note: L400 small case not available with escutcheon trim.

**Schlage**  
**L480**

**ANSI**  
**-**



**Thumbturn only small  
case mortise deadbolt**



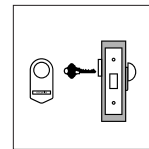
- No outside trim; thumbturn only, no lever inside; deadbolt only
- Deadbolt thrown or retracted by rotating inside thumbturn

Note: When ordered with indicator, the indicator is applied to the thumbturn side.

Note: L400 small case not available with escutcheon trim.

**Schlage**  
**L496**

**ANSI**  
**-**

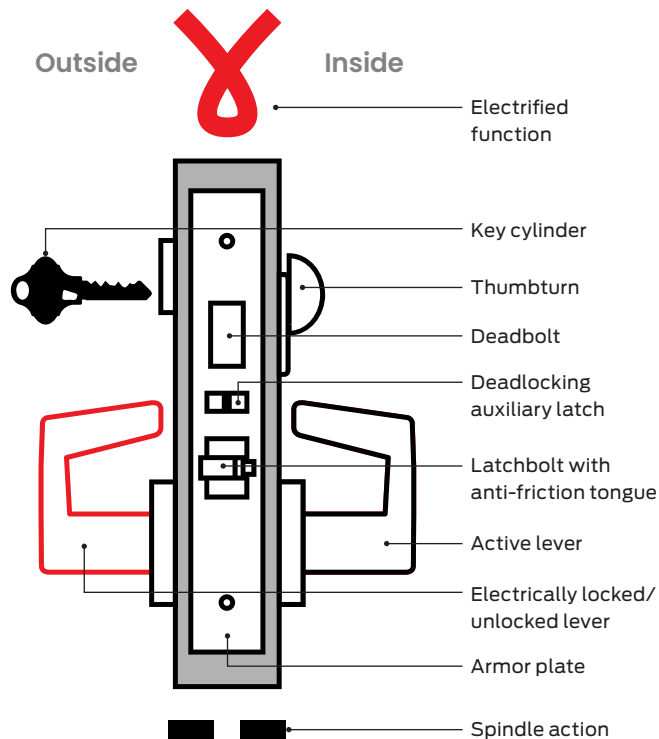


**Cylinder x thumbturn small  
case mortise deadbolt with  
chevron indicator**

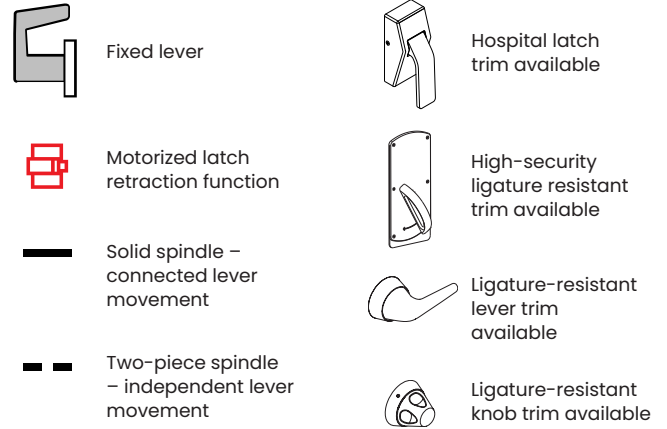
- Key cylinder only, no lever (or knob) outside; thumbturn only, no lever inside; deadbolt only
- Deadbolt thrown or retracted by key outside or by inside thumbturn, when thrown-indicator message changes from blank to "OCCUPIED"

## WIRED ELECTRIFIED LOCK FUNCTIONS

### Legend



### Key



#### Available electrified options include:

<b>RX</b>	Request to Exit
<b>LX</b>	Latch bolt monitor
<b>DPS</b>	Door Position Switch
<b>DM</b>	Deadbolt monitor (DM)

### Product Identification Guide

#### LV9492EL with XL13-439

- Lock series and function code**
- L = standard
  - LV = Vandlgard® option
  - LM = multi-latch
  - LMV = multi-latch with Vandlgard
  - 0 = no lock case (dummy trim)
  - 9 = functions with lock case
  - 0 = no deadbolt
  - 4 = with deadbolt
  - 5 = with motorized latch retraction
  - 6 = with motorized latch retraction and lever control
- Function code**
- Electrified functions**
- EL = electrically locked
  - EU = electrically unlocked
- Functions requiring special ordering nomenclature



**Vandlgard® feature helps protect the lock chassis from damage.**

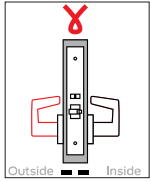
The Vandlgard optional feature available on many functions allows the outside lever to rotate freely down when in a locked state. This limits the ability of vandals to apply excessive force to the lever helping to prevent damage to internal components.

## NON-KEYED ELECTRIFIED FUNCTIONS

### Schlage L/LV9090EL/EU

### ANSI - Schlage L/LV9091EL/EU

### ANSI -



**Electrically locking/  
unlocking outside lever, no  
cylinder**

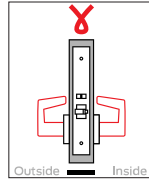


- Levers (or knobs) only both sides; latchbolt and deadlocking auxiliary latch
- Powered state: outside lever continuously locked (EL mode) or unlocked (EU mode); Vandlgard® option allows outside lever to rotate freely down while locked
- When power is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode outside lever is locked
- Inside lever always free for immediate egress

Note: Auto detects 12 or 24V DC.

Note: Ligature-resistant trims not available with Vandlgard option.

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.



**Electrically locking/  
unlocking both levers, no  
cylinder**



- Levers (or knobs) only both sides; latchbolt and deadlocking auxiliary latch
- Powered state: both levers continuously locked (EL mode) or unlocked (EU mode); Vandlgard® option allows both levers to rotate freely down while locked
- When power is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode both levers are locked

Note: Auto detects 12 or 24V DC.

Note: Ligature-resistant trims not available with Vandlgard option.

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.

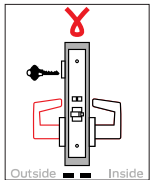
## KEYED NON-DEADBOLT ELECTRIFIED FUNCTIONS

### Schlage L/LV9092EL/EU

### ANSI - Schlage L/LV9093EL/EU

### ANSI - Schlage L/LV9095EL/EU

### ANSI -



**Electrically locking/  
unlocking outside lever,  
outside cylinder**

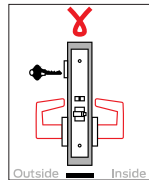


- Key cylinder outside with lever (or knob); lever only-inside; latchbolt and deadlocking auxiliary latch
- Powered state: outside lever continuously locked (EL mode) or unlocked (EU mode); Vandlgard® option allows outside lever to rotate freely down while locked
- Key outside retracts latchbolt but cannot change the normal locked or unlocked state of outside lever
- When power is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode outside lever is locked
- Inside lever always free for immediate egress

Note: Auto detects 12 or 24V DC.

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.



**Electrically locking/  
unlocking both levers,  
outside cylinder**

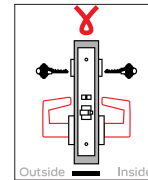


- Key cylinder outside with lever (or knob); lever only-inside; latchbolt and deadlocking auxiliary latch
- Powered state: both levers continuously locked (EL mode) or unlocked (EU mode); Vandlgard® option allows both levers to rotate freely down while locked
- Key outside retracts latchbolt but cannot change the normal locked or unlocked state of either lever
- When power is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode both levers are locked

Note: Auto detects 12 or 24V DC.

Note: Ligature-resistant trims not available with Vandlgard option.

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.



**Electrically locking/  
unlocking both levers,  
double cylinder**



- Key cylinder both sides; latchbolt and deadlocking auxiliary latch
- Powered state: both levers (or knobs) continuously locked (EL mode) or unlocked (EU mode); Vandlgard® option allows both levers to rotate freely down while locked
- Key on either side retracts latchbolt but cannot change the normal locked or unlocked state of levers
- When power is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode both levers are locked

Note: Auto detects 12 or 24V DC.

Note: Hospital latch and ligature-resistant trims not available with Vandlgard option.

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.



## DEADBOLT ELECTRIFIED FUNCTIONS

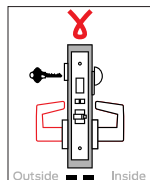
### Schlage

**L/LV9492EL/EU**

**L/LV9492EL/EU with XL13-439 key override**

ANSI

-



**Electrically locking/unlocking outside lever, outside cylinder, inside thumbturn with deadbolt**

- Key cylinder outside; thumbturn inside; deadbolt, latchbolt and deadlocking auxiliary latch
- Powered state: outside lever (or knob) continuously locked (EL mode) or unlocked (EU mode); Vandlgard® option allows outside lever to rotate freely down while locked
- Deadbolt thrown or retracted by key outside or by inside thumbturn; XL13-439 option allows key to retract deadbolt overriding thumbturn if being held in locked position
- When power is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode outside lever is locked; deadbolt projection is independent of electrically locked or unlocked state of outside lever
- Rotating inside lever retracts both deadbolt and latchbolt
- Inside lever always free for immediate egress

Note: Auto detects 12 or 24V DC; supplied deadbolt monitor allows option to prevent ingress with card use when deadbolt is thrown.

Note: Ligature-resistant trims not available with Vandlgard option.

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU. To order with key override, specify function and note XL13-439 as a special option.

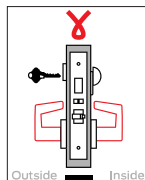
### Schlage

**L/LV9493EL/EU**

**L/LV9493EL/EU with XL13-439 key override**

ANSI

-



**Electrically locking/unlocking both levers, outside cylinder, inside thumbturn with deadbolt**

- Key cylinder outside; thumbturn inside; deadbolt, latchbolt and deadlocking auxiliary latch
- Powered state: both levers (or knobs) continuously locked (EL mode) or unlocked (EU mode); Vandlgard® option allows both levers to rotate freely down while locked
- Deadbolt thrown or retracted by key outside or by inside thumbturn; XL13-439 option allows key to retract deadbolt overriding thumbturn if being held in locked position
- When power is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode both levers are locked; deadbolt projection is independent of electrically locked or unlocked state of either lever
- When unlocked, rotating inside lever retracts both deadbolt and latchbolt

Note: Auto detects 12 or 24V DC; supplied deadbolt monitor allows option to prevent ingress with card use when deadbolt is thrown.

Note: Ligature-resistant trims not available with Vandlgard option.

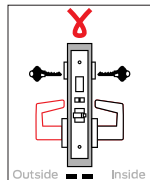
Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU. To order with key override, specify function and note XL13-439 as a special option.

### Schlage

**L/LV9494EL/EU**

ANSI

-



**Electrically locking/ unlocking outside lever, double cylinder with deadbolt**

- Key cylinder both sides; deadbolt, latchbolt and deadlocking auxiliary latch
- Powered state: outside lever (or knob) continuously locked (EL mode) or unlocked (EU mode); Vandlgard® option allows outside lever to rotate freely down while locked
- Deadbolt thrown or retracted by key from either side
- When power is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode outside lever is locked; deadbolt projection is independent of electrically locked or unlocked state of outside lever
- Rotating inside lever retracts both deadbolt and latchbolt
- Inside lever always free for immediate egress

Note: Auto detects 12 or 24V DC; supplied deadbolt monitor allows option to prevent ingress with card use when deadbolt is thrown.

Note: Ligature-resistant trims not available with Vandlgard option.

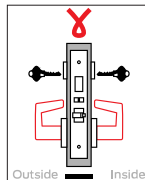
Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.

### Schlage

**L/LV9495EL/EU**

ANSI

-



**Electrically locking/ unlocking both levers, double cylinder with deadbolt**

- Key cylinder both sides; deadbolt, latchbolt and deadlocking auxiliary latch
- Powered state: both levers (or knobs) continuously locked (EL mode) or unlocked (EU mode); Vandlgard® option allows both levers to rotate freely down while locked
- Deadbolt thrown or retracted by key from either side
- When power is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode both levers are locked; deadbolt projection is independent of electrically locked or unlocked state of either lever
- When unlocked, rotating inside lever retracts both deadbolt and latchbolt

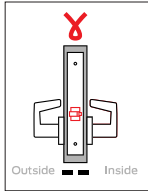
Note: Auto detects 12 or 24V DC; supplied deadbolt monitor allows option to prevent ingress with card use when deadbolt is thrown.

Note: Ligature-resistant trims not available with Vandlgard option.

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.

## MOTORIZED LATCH RETRACTION FUNCTIONS

### Schlage L9510

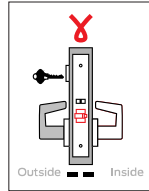


#### Passage latch with motorized latch retraction

- Lever only both sides; latchbolt only
- Extended latchbolt is retracted by lever from either side at all times
- Powered state: latchbolt is retracted
- When power is removed latchbolt extends
- Inside lever always free for immediate egress

Note: 24V DC only. Available options include Request to Exit (RX) or Latchbolt Monitor (LX).

### ANSI - Schlage L9580

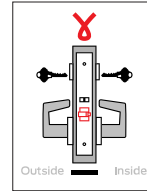


#### Storeroom lock with motorized latch retraction

- Key cylinder outside with lever; lever only-inside; latchbolt and deadlocking auxiliary latch
- Outside lever always fixed; extended latchbolt is retracted by inside lever
- Key outside retracts latchbolt
- Powered state: latchbolt is retracted
- When power is removed latchbolt extends
- Inside lever always free for immediate egress

Note: 24V DC only. Available options include Request to Exit (RX) or Latchbolt Monitor (LX).

### ANSI - Schlage L9582



#### Institution lock with motorized latch retraction

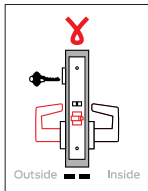
- Key cylinder and lever both sides; latchbolt and deadlocking auxiliary latch
- Both levers always fixed
- Key on either side retracts latchbolt
- Powered state: latchbolt is retracted
- When power is removed latchbolt extends

Caution: Double cylinder locks on any door, in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

Note: 24V DC only. Available Latchbolt Monitor (LX) option.

## MOTORIZED LATCH RETRACTION FUNCTIONS WITH LEVER CONTROL

### Schlage L9692EL/EU



#### Electrically locking/ unlocking outside lever, outside cylinder with motorized latch retraction

- Key cylinder outside with lever; lever only-inside; latchbolt and deadlocking auxiliary latch

#### Lever control

- Powered state: outside lever continuously locked (EL mode) or unlocked (EU mode)
- When power for lever is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode outside lever is locked

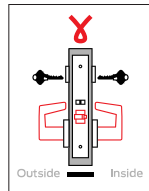
#### Independent latchbolt control

- Powered state: latchbolt is retracted
- When power is removed latchbolt extends
- Key outside retracts latchbolt but cannot change the normal locked or unlocked state of outside lever
- Inside lever always free for immediate egress

Note: 24V DC only. Available options include Request to Exit (RX) or Latchbolt Monitor (LX).

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.

### ANSI - Schlage L9695EL/EU



#### Electrically locking/ unlocking both levers double cylinder with motorized latch retraction

- Key cylinder and lever both sides; latchbolt and deadlocking auxiliary latch

#### Lever control

- Powered state: both levers continuously locked (EL mode) or unlocked (EU mode)
- When power for levers is removed (or power fails): in EL mode either lever will retract latchbolt; in EU mode both levers are locked

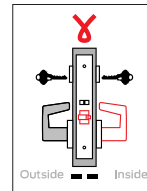
#### Independent latchbolt control

- Powered state: latchbolt is retracted
- When power is removed latchbolt extends
- Key either side retracts latchbolt but cannot change the normal locked or unlocked state of either lever

Note: 24V DC only. Available options include Request to Exit (RX) or Latchbolt Monitor (LX).

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.

### ANSI - Schlage L9696EL/EU



#### Electrically locking/ unlocking inside lever double cylinder with motorized latch retraction

- Key cylinder and lever both sides; latchbolt and deadlocking auxiliary latch

#### Lever control

- Powered state: inside lever continuously locked (EL mode) or inside lever unlocked (EU mode); outside lever always fixed
- When power for lever is removed (or power fails): in EL mode inside lever will retract latchbolt; in EU mode inside lever is locked; outside lever always fixed

#### Independent latchbolt control

- Powered state: latchbolt is retracted
- When power is removed latchbolt extends
- Key either side retracts latchbolt but cannot change the normal locked or unlocked state of either lever

Note: 24V DC only. Available Latchbolt Monitor (LX) option.

Ordering: Case-mounted switch allows field selectable EL/EU setting however, when ordering, please specify EL or EU.

## CYLINDERS

### Conventional mortise cylinder options

P6	6-pin cylinder (default) with Schlage logo
P	6-pin cylinder, keyed 5
Z	Everest SL cylinder, 7-pin (A2 pinning) with Schlage logo
L	Less conventional cylinder
C6	Concealed mortise, 6-pin
C	Concealed mortise, 6-pin cylinder, keyed 5
W	Less concealed mortise cylinder

### Full size interchangeable core (FSIC) mortise cylinder options

R	6-pin FSIC with Schlage logo
M	Everest SL FSIC, 7-pin (A2 pinning) with Schlage logo
J	Less FSIC
F	6-pin FSIC less Schlage logo
T	Refundable FSIC construction core

### Small format interchangeable core (SFIC) mortise cylinder options

G	7-pin SFIC (A2 pinning) with Schlage logo
B	Less SFIC
BDC	Disposable SFIC construction core
H	Refundable SFIC construction core

## SPECIFICATIONS

Chassis	
Case material	Cold Rolled Steel (CRS) with zinc dichromate plating
Case size	L9000 Series: 4-7/16" x 6-1/16" x 1" (113 mm x 154 mm x 25 mm) L400 Series: 4-7/16" x 3-5/8" x 1" (113 mm x 92 mm x 25 mm)
Spacing	Knob or lever to cylinder: 3-7/8" (98 mm); Knob or lever to thumbturn hub: 2-11/16" (68 mm)
Door thickness	Standard: 1-3/4" (44 mm) Optional: 1-3/8" (35 mm) Over 1-3/4" (44 mm) specify door thickness and position in door EE, EI, EO, ED
Backset	2-3/4" (70 mm) only
Trim	
Handing	L9000 Series: Field-reversible without disassembly L400 Series: Non-handed
Lever/knob	<b>33 lever designs (see pages 2-5):</b> Forged brass and cast stainless steel <b>Two knob designs (see page 5):</b> Heavy-duty wrought brass or stainless steel Ligature resistant lever (SLI) and knob (SK1), High Security Ligature Resistant (HSLR) trim, HL6 hospital latch Tactile warning applied to outside lever; available on 01, 02, 03, 05, 06, 07, 12, 17, 18, M51, M52, M81, ME1, ME2, ME3 lever designs
Rose/ escutcheon	L escutcheons: 7-15/16" x 1-3/4" x 7/16" (202 mm x 44 mm x 11 mm); cold-forged brass and stainless steel N escutcheons: 7-7/8" x 2-1/2" x 7/16" (200 mm x 64 mm x 11 mm); heavy-wrought, reinforced brass and stainless steel Roses: A, B, C: wrought brass and stainless steel; AVA and MER: forged brass
Finishes	14 available: 605, 606, 609, 612, 613, 619, 622, 625, 626, 626AM, 643e
Combinations	Available with knob both sides, lever both sides, or knob/lever combinations. Roses cannot be combined with escutcheons.
Latches, Armors, & Strikes	
Armor	<b>L9000 Series:</b> Standard: 1-1/4" x 8" x 7/32" (32 mm x 203 mm x 6 mm) Optional: 1-1/16" x 8" x 7/32" (27 mm x 203 mm x 6 mm) <b>L400 Series:</b> Standard: 1-1/4" x 5-9/16" x 7/32" (32 mm x 141 mm x 6 mm)
Latch	3/4" (19 mm) throw stainless steel latch with anti-friction tongue
Deadbolt	1" (25 mm) throw stainless steel deadbolt
Strike	<b>L9000 Series:</b> Standard: ANSI curved lip strike 1-1/4" x 4-7/8" (32 mm x 124 mm) x 1-3/16" (30 mm) lip with dust box; Optional: Extended lip strike options (7/8", 1", 1-1/2", 1-3/4", 2") <b>L400 Series:</b> Standard: 1-1/8" x 3-1/2" (29 mm x 89 mm) with dust box; Optional: 1-1/4" x 4-7/8" (32 mm x 124 mm) with dust box
Keying	
Cylinder format	6-pin Conventional mortise cylinder (standard); also available in concealed mortise cylinder, FSIC, SFIC and 7-pin SL cylinder formats plus less cylinder options. Two nickel silver cut keys per lock.
Keyway	Patented Everest 29 S123 (standard); also available in open, restricted, and Primus XP security levels with available master keying and construction keying.

## SPECIFICATIONS

Wired electrified	
Input voltage	12V or 24V DC (24V DC only on motorized latch retraction functions)
Operating mode	Fail Safe or Fail Secure via switch on chassis (except L9510, L9580, and L9582)
Peak current	12V operating voltage: 1A 24V operating voltage: 0.4A (2.0A for locks with motorized latch retraction)
Holding current	0.1 amp
Request to Exit	Modular option on L909X and L949X electrified functions and on L95XX and L969X latch retraction functions except L9582 and L9696 (when ordering or added in field) Rating: 3A @ 125V AC/2A @ 30V DC Also available option for the following mechanical functions: L9010/25/26/50/56/70/71/80 and L9453/56/58/65/66/80/85/96.
Latch bolt monitor	Available on all L909X and L949X electrified functions, L95XX and L969X latch retraction functions, L9010/25/26/50/56/70/71/80/82 and L9453/56/65/66/80/85/96 mechanical functions
Door position sensor	Internal available on L909x electrified and L9010/25/26/80/82 mechanical functions; external available on all functions
Deadbolt monitor	Standard on L949x electrified and available on L9453/56/57/58/80/85/96 mechanical functions
Warranty	
	10-year limited mechanical and 3-year limited electromechanical
Certifications	
ANSI/BHMA	L/LV9000: ANSI/BHMA A156.13-2017 Series 1000, Grade 1 Operational and Security With FSIC Interchangeable Core Cylinders: Grade 1 Operational, Grade 2 Security With SFIC Interchangeable Core Cylinders: Grade 1 Operational, Grade 3 Security L400: ANSI/BHMA A156.36-2010, Grade 1
ICC	Complies with ICC A117.1 Accessible and Usable Buildings and Facilities
UL/cUL	UL 10C and CAN/ULC-S104 3-hour fire door (except L9076 and L9077) Electrified functions are UL/ULC Listed for single-point locking applications UL 437 Listed when using UL 437 Primus cylinder UL Listed for 3-Hour fire door (except L9076 and L9077) L400 UL Listed Auxiliary Lock for 3-hour fire door
UL 294	UL 294 Access Control Performance Levels: Destructive Attack, Level I; Line Security, Level I; Standby Power, Level I; Endurance, Level IV (with DM, or LX, Endurance, Level I). ULC-S319 Class III (L909x and L949x functions only)
CA Fire Code	All levers with a return to door of 1/2" (13 mm) or less comply (Formerly Title 19, California State Fire Marshal Standard)
Building codes	Miami-Dade NOA and Florida Building Commission listings Texas Department of Insurance (TDI) for impact and non-impact applications
Federal	BAA compliant, all functions

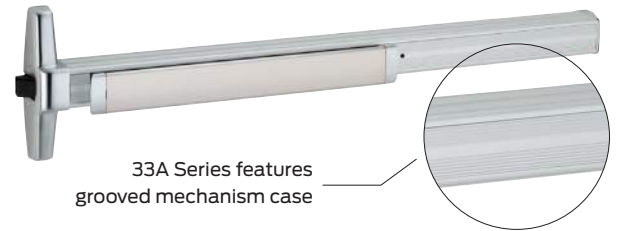
# VON DUPRIN®

## Exit devices

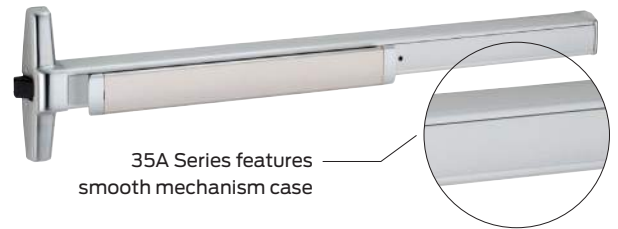
### 33A/35A Series

#### Overview

The 33A/35A Series is a narrow stile push pad device popular for its vast application coverage. With many field configurable and upgradeable solutions available, it's easy to enhance the functionality of an existing device. Mechanical and electronic options include quiet electric latch retraction, delayed and controlled egress, concealed vertical cables and security indicators. It's one way Von Duprin® protects its customers' investments long into the future.



33A Series features grooved mechanism case



35A Series features smooth mechanism case

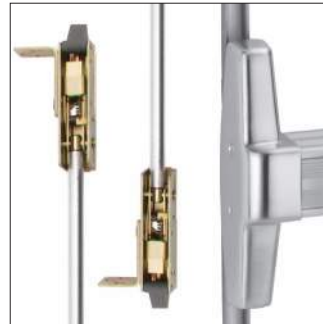
#### Device types



Rim device



27A Surface mounted vertical rod device<sup>1</sup>



47A Concealed vertical rod device, 5/8" throw<sup>1</sup>

48A Concealed vertical rod device, 5/8" top, 1 1/2" bottom throw



49A Concealed vertical cable device<sup>2</sup>



50AWDC Concealed vertical cable wood door device

<sup>1</sup> Also available less bottom rod (LBR)

<sup>2</sup> Also available less bottom latch (LBL)

## Finishes



**605**  
Bright Brass



**606**  
Satin Brass



**612**  
Satin Bronze



**619**  
Satin Nickel



**622**  
Matte Black



**625**  
Bright Chrome



**626**  
Satin Chrome



**626AM**  
Satin Chrome,  
Antimicrobial



**628**  
Aluminum, Clear  
Anodized



**630**  
Satin Stainless



**630AM**  
Satin Stainless,  
Antimicrobial



**643e**  
Aged Bronze



**693**  
Black



**710**  
Dark Brown,  
Anodized

Due to the many variations in monitors and printers, color samples may appear different than the physical product. Contact your local sales representative for a physical color sample.

## Trim functions



### EO No outside trim

- Exit only



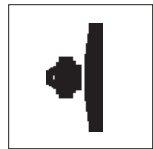
### DT Dummy trim

- Pull when dogged (not recommended for fire device)



### NL Night latch

- Key retracts latchbolt
- Rim cylinder



### NLOP Night latch

- Key retracts latchbolt, optional pull required



### L Lever

- Key locks and unlocks
- 1 1/4" mortise cylinder
- Handed, reversible lever
- Electrified lever operation available



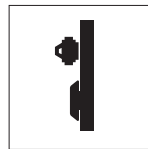
### LBE Lever, blank escutcheon

- Always operable (no cylinder)



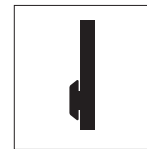
### NLOP Night latch, operational pull

- Key retracts latchbolt, pull required



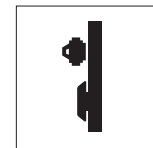
### TP Thumbpiece

- Key locks and unlocks
- 1-1/4" mortise cylinder



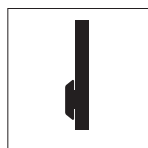
### TLBE Turn lever, blank escutcheon

- Blank escutcheon always operable (no cylinder)



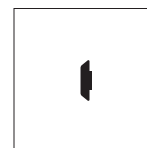
### TL Turn lever

- Key locks and unlocks (use with DT trim)
- 1 1/4" mortise cylinder



### TLBE Turn lever, blank escutcheon

- Blank escutcheon always operable (no cylinder, use with DT trim)



### TLOP Turn lever, optional pull



Trim styles



386



388



360L



360T



374T x 386DT



374T/376T x 8190 10"



388 x 550DT



360T x 550DT



388 x 8190 10"



360T x 8190 10"



392-6

## Trim styles

### Dimensions

Trim style	Base width	Base height	Projection	Grip width	Grip height
386/ 386DT	1 <sup>5</sup> / <sub>8</sub> "	7 <sup>15</sup> / <sub>32</sub> "	2 <sup>7</sup> / <sub>16</sub> "	4 <sup>5</sup> / <sub>16</sub> "	8 <sup>1</sup> / <sub>2</sub> "
388	1 <sup>11</sup> / <sub>16</sub> "	7 <sup>15</sup> / <sub>32</sub> "	1"		
360L	1 <sup>11</sup> / <sub>16</sub> "	7 <sup>1</sup> / <sub>2</sub> "	3"		
360T	1 <sup>11</sup> / <sub>16</sub> "	7 <sup>1</sup> / <sub>2</sub> "	1 <sup>13</sup> / <sub>16</sub> "		
374T	1 <sup>11</sup> / <sub>16</sub> "	7 <sup>1</sup> / <sub>2</sub> "			
376T	1 <sup>11</sup> / <sub>16</sub> "	7 <sup>1</sup> / <sub>2</sub> "	1 <sup>13</sup> / <sub>16</sub> "		
550DT	3 <sup>5</sup> / <sub>8</sub> "	11 <sup>9</sup> / <sub>16</sub> " (10" center to center)	1 <sup>7</sup> / <sub>8</sub> "		
8190 10"	3 <sup>1</sup> / <sub>4</sub> "	11"	3 <sup>1</sup> / <sub>4</sub> "		
392-6	3 <sup>1</sup> / <sub>2</sub> "	7" (6 <sup>1</sup> / <sub>4</sub> " center to center)	2 <sup>1</sup> / <sub>4</sub> "		

## Lever styles

### Decorative levers



**M51**  
■ Knurling available



**M52**  
■ Knurling available



**M53**



**M54**



**M55**



**M56**



**M57¹**



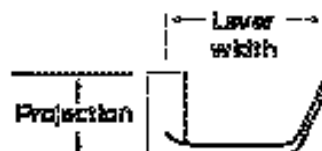
**M61**  
■ Handed



**M62¹**  
■ Handed

### Dimensions

Lever	Width	Projection
M51	4.5"	2.5"
M52	4.5"	2.4"
M53	4.4"	2.4"
M54	4.4"	2.3"
M55	4.4"	2.7"
M56	4.5"	2.3"
M57	4.5"	2.7"
M61	4.5"	2.7"
M62	4.6"	2.4"



¹ Available in stainless steel substrate only

## Lever styles

### Decorative levers



**M63**  
■ Handed



**M81**  
■ Knurling available



**M82**



**M83**



**M84**



**M85**  
■ Handed



**ME1**<sup>1</sup>  
■ Handed



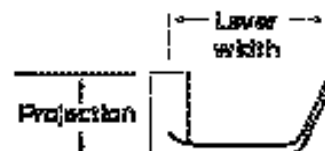
**ME2**<sup>1</sup>  
■ Handed



**ME3**<sup>1</sup>

### Dimensions

Lever	Width	Projection
M63	4.6"	2.6"
M81	4.8"	2.5"
M82	4.9"	2.5"
M83	4.7"	2.25"
M84	5.1"	2.2"
M85	4.9"	2.7"
ME1	5.4"	2.6"
ME2	5.2"	2.4"
ME3	5"	2.8"



<sup>1</sup> Designed with Gensler as product design consultant

## Lever styles

### Standard levers



01



02

- Knurling available



03

- Knurling available



05



06

- Default lever
- Suites with Schlage Rhodes
- Knurling available



07

- Suites with Schlage Athens



12

- Handed



16

- Suites with Schlage Omega

### Dimensions

Lever	Width	Projection
01	4.0"	2.1"
02	4.75"	2.3"
03	4.75"	2.813"
05	3.75"	2.8"
06	4.7"	2.1"
07	4.6"	2.3"
12	4.3"	2.9"
16	5.05"	2.66"



## Lever styles

### Standard levers



**17**  
 ■ Suites with Schlage Sparta  
 ■ Knurling available



**18**



**Accent (ACC)**  
 ■ Handed



**Asti (AST)**  
 ■ Handed



**Merano (MER)**  
 ■ Handed



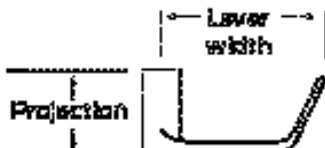
**Latitude (LAT)**



**Longitude (LON)**

### Dimensions

Lever	Width	Projection
17	4.7"	2.3"
18	4.75"	2.4"
Accent (ACC)	4.4"	3.1"
Asti (AST)	4.2"	2.5"
Merano (MER)	4.1"	2.5"
Latitude (LAT)	4.6"	2.3"
Longitude (LON)	4.9"	2.3"



## Electromechanical device options

### Switches

<b>LX</b>	<b>Latchbolt monitoring</b>
<b>LX-LC</b>	<b>Latchbolt monitoring, low current</b> <ul style="list-style-type: none"> <li>▪ Signals use of an opening</li> <li>▪ SPDT switch to monitor latch bolt</li> <li>▪ 2 A maximum @ 24VDC; below 50 mA @ 24VDC for low current option</li> </ul>
<b>RX</b>	<b>Request to exit</b>
<b>RX-LC</b>	<b>Request to exit - low current</b>
<b>RX-2</b>	<b>Double request to exit - 2 RX switches</b>
<b>WP-RX</b>	<b>Waterproof request to exit</b> <ul style="list-style-type: none"> <li>▪ Signals use of an opening</li> <li>▪ SPDT switch to monitor pushpad</li> <li>▪ 2 A maximum @ 24VDC; below 50 mA @ 24VDC for low current option</li> </ul>
<b>LX-RX</b>	<b>Request to exit/latchbolt monitoring combination</b>
<b>LX-RX-LC</b>	<b>Request to exit/latchbolt monitoring combination, low current</b> <ul style="list-style-type: none"> <li>▪ 2 A maximum @ 24VDC; below 50 mA @ 24VDC for low current option</li> </ul>
<b>SS</b>	<b>Signal switch</b> <ul style="list-style-type: none"> <li>▪ Monitors pushpad and latchbolt</li> <li>▪ Signals unauthorized use of an opening</li> <li>▪ Switch makes latch bolt tamper-resistant</li> <li>▪ Up to 2.0 A @ 24VDC</li> </ul>

### Latch retraction

<b>QEL</b>	<b>Quiet electric latch retraction</b>
<b>QEL-L</b>	<b>Quiet electric latch retraction - Latchbolt Only</b>
<b>HD-QEL</b>	<b>Quiet electric latch retraction with hex dogging</b> <ul style="list-style-type: none"> <li>▪ Bolt retraction via switch</li> <li>▪ Converts exit door to push-pull operation</li> <li>▪ Voltage: 24VDC</li> <li>▪ Current: 1.0 A inrush (0.5 sec.) / 0.14 A holding</li> </ul>

### Delayed egress

<b>CX</b>	<b>Chexit delayed exit</b> <ul style="list-style-type: none"> <li>▪ Meets NFPA 101 requirements</li> <li>▪ Self-contained controls, locking, alarm</li> <li>▪ Input voltage: 24VDC</li> <li>▪ Input current inrush: 1.25 A</li> <li>▪ Input current holding: 390 mA</li> <li>▪ Alarm relay and secure relay contact ratings: 24 VDC, 1 A</li> </ul>
<b>CX-RCM</b>	<b>Chexit remote module</b> <ul style="list-style-type: none"> <li>▪ Chexit for smaller doors that can not accommodate a standard Chexit device</li> <li>▪ Size: 3.75" x 5.57" x 2.50"</li> <li>▪ Input voltage: 24VDC</li> <li>▪ Input current inrush: 1.25A</li> <li>▪ Input current holding: 390mA</li> <li>▪ Alarm relay and secure relay contact ratings: 24 VDC, 1 A</li> </ul>

### Miscellaneous

<b>ALK</b>	<b>Alarm exit kit</b> <ul style="list-style-type: none"> <li>▪ Unauthorized opening triggers 85-decibel horn</li> <li>▪ Set in armed or disarmed mode by key</li> <li>▪ Assembly includes both a 24VDC input and external inhibit</li> </ul>
<b>ESL</b>	<b>Emergency Secure Lockdown</b>
<b>CON</b>	<b>Allegion Connect</b> <ul style="list-style-type: none"> <li>▪ Common connectors to connect various door hardware all the way to the power supply</li> </ul>
<b>E360</b>	<b>Electric locking and unlocking trim</b> <ul style="list-style-type: none"> <li>▪ Remains latched while unlocked</li> <li>▪ Remote electrical control</li> <li>▪ Voltage: 24VDC (Continuous Duty)</li> <li>▪ Current: 0.22 amps</li> </ul>

## Electromechanical device options

Matrix shows available options per device type but does not represent compatibility across multiple options.

	Switches									Latch retraction			Delayed egress		Misc			
	LX	LX-LC	RX	RX-LC	RX-2	WP-RX	LX-RX	LX-RX-LC	SS	QEL	QEL-L	HD-QEL	CX	CX-RCM	ALK	CON	E360	ESL <sup>2</sup>
33A 35A	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
33A-F 35A-F	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■
3327A 3527A	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3327A-F 3527A-F	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■
3347A 3547A	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3347A-F 3547A-F	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■
3348A 3548A	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3348A-F 3548A-F	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■
3349A 3549A	■ <sup>1</sup>	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3349A-F 3549A-F	■ <sup>1</sup>	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■
3350AWDC 3550AWDC	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
3350AWDC-F 3550AWDC-F	■	■	■	■	■	■	■	■	■	■	■		■	■	■	■	■	■

<sup>1</sup>For 3349A/3549A devices, LX switch monitors trim input or electric dogging of EL/QEL devices. LX switch does not monitor latchbolt condition.

<sup>2</sup>ESL product must be used in conjunction with a QEL device.



## Mechanical device options

### Dogging

<b>CD</b>	<b>Cylinder dogging, panic only</b>
<b>LD</b>	<b>Less dogging</b>
<b>CDSI</b>	<b>Cylinder dogging with indicator</b> <ul style="list-style-type: none"> <li>Provides visible lock/unlock indicators showing whether device is dogged or undogged</li> </ul>
<b>HDSI</b>	<b>Hex dogging with indicator</b> <ul style="list-style-type: none"> <li>Provides visible lock/unlock indicators showing whether device is dogged or undogged</li> </ul>

### Environmental

<b>PN</b>	<b>Pneumatic latch retraction</b> <ul style="list-style-type: none"> <li>For areas where electrical devices banned</li> <li>Special linkage for mechanical or pneumatic dogging</li> </ul>
<b>QM</b>	<b>Quiet mechanical option</b> <ul style="list-style-type: none"> <li>Provides damper-controlled relatching of device</li> </ul>
<b>INS</b>	<b>Insulclad kits</b> <ul style="list-style-type: none"> <li>Kits with longer fasteners or parts for Insulclad doors</li> </ul>
<b>AM</b>	<b>Anti-microbial finish</b>

### Weatherized

<b>WH</b>	<b>Weep holes</b> <ul style="list-style-type: none"> <li>Drainage (weep) holes in mechanism case</li> </ul>
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### California code

<b>AX</b>	<b>Accessible device</b> <ul style="list-style-type: none"> <li>UL certified to meet new 5 lb. maximum operating force requirement</li> <li>Exceeds ANSI/BHMA requirements</li> </ul>
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### Latches

<b>PL</b>	<b>Pullman latch</b> <ul style="list-style-type: none"> <li>Latches are always extended</li> <li>Most commonly used in conjunction with electric strikes and LBR-less bottom rod application</li> </ul>
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### Touch bar trim

<b>RSS</b>	<b>Red silk screen</b> <ul style="list-style-type: none"> <li>Red silk-screened lettered touchbar trim</li> </ul>
<b>PUSH</b>	<b>PUSH</b> <ul style="list-style-type: none"> <li>Touchbar trim embossed PUSH</li> </ul>
<b>SG</b>	<b>Safety glow</b> <ul style="list-style-type: none"> <li>Self-illuminating touchpad</li> <li>Glow brightly during low or no light conditions</li> </ul>
<b>KN</b>	<b>Knurled touchbar</b> <ul style="list-style-type: none"> <li>Tactile warning applied to device</li> </ul>
<b>BRAILLE</b>	<b>Braille</b> <ul style="list-style-type: none"> <li>Vision impaired touchpad</li> <li>Raised letter and Braille</li> </ul>

## Mechanical device options

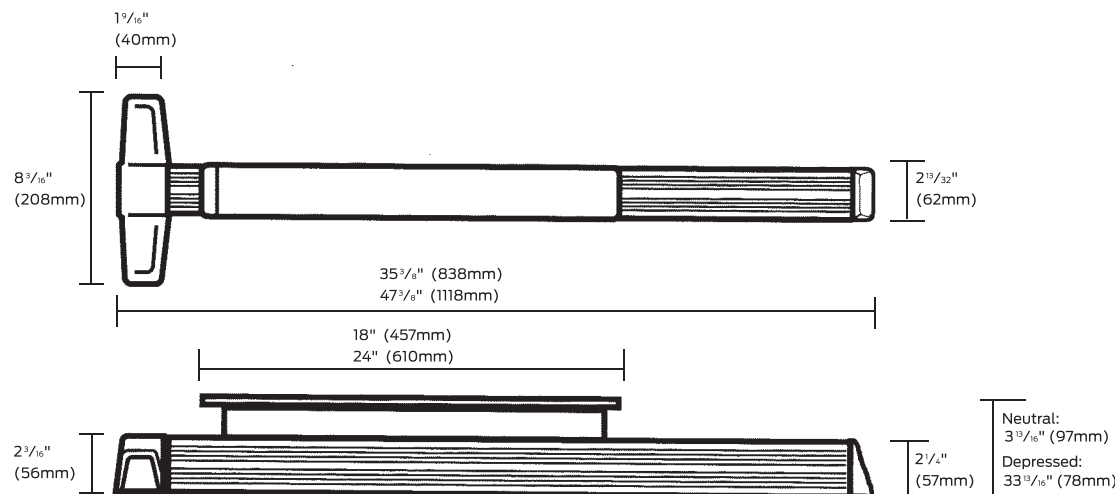
Matrix shows available options per device type but does not represent compatibility across multiple options.

	Dogging				Environmental				Weatherized	CA code	Latches	Touch bar trim				
	CD	LD	CDSI	HDSI	PN	QM	INS	AM	WH	AX	PL	RSS	PUSH	SG	KN	BRAILLE
35A 33A	■	■	■	■	■	■		■	■	■		■	■	■	■	■
35A-F 33A-F					■	■		■	■	■		■	■	■	■	■
3527A 3327A	■	■	■	■	■	■		■	■		■	■	■	■	■	■
3527A-F 3327A-F					■	■		■	■			■	■	■	■	■
3547A 3347A	■	■	■	■	■		■	■	■		■	■	■	■	■	■
3547A-F 3347A-F					■			■	■			■	■	■	■	■
3548A 3348A	■	■	■	■	■			■	■			■	■	■	■	■
3548A-F 3348A-F					■			■	■			■	■	■	■	■
3549A 3349A	■	■	■	■	■		■	■	■	■ LBL		■	■	■	■	■
3549A-F 3349A-F					■			■	■	■ LBL		■	■	■	■	■
3550A-WDC 3350A-WDC	■	■	■	■	■			■	■			■	■	■	■	■
3550A-WDC-F 3350A-WDC-F					■			■	■			■	■	■	■	■

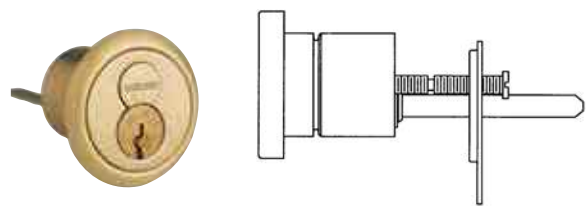
## Specifications

Accessibility	<ul style="list-style-type: none"> <li>Force to depress push pad                             <ul style="list-style-type: none"> <li>AX device: 5 lbs</li> <li>Standard device: 15 lbs</li> </ul> </li> <li>Push pad projection                             <ul style="list-style-type: none"> <li>Neutral: <math>3\frac{13}{16}"</math> (97 mm)</li> <li>Depressed: <math>3\frac{1}{16}"</math> (78 mm)</li> </ul> </li> </ul>
Certifications/ approvals	All Von Duprin 33A and 35A exit devices are ANSI/BHMA Certified. Please refer to the BHMA Certified Products Directory for specific listings.
Mounting height	$39\frac{13}{16}"$ (1011 mm) $39\frac{11}{16}"$ (1008 mm) with mullion
Warranty	36 months from the date of placing the product in operation

## Dimensions



Full size interchangeable core cylinders for exit devices, aluminum door, etc.



Interchangeable core rim cylinders for exit devices	
Number	Core mechanism
20-057	Conventional core
20-757	Primus core
20-757-XP	Primus XP core
20-079	Housing only, less core

Available in 605, 606, 609, 612, 613, 619, 625, 626, and 643e finish.



Cylinders for Adams Rite MS and 4700 Series Lori 4500 Series and Corbin Russwin DL3000 Series		
Number	Core mechanism	Collar
26-098	Conventional core	Compression ring & spring
20-062	Conventional core	3/16" + 3/8" blocking rings
20-766	Primus core	3/16" + 3/8" blocking rings
20-766-XP	Primus XP core	3/16" + 3/8" blocking rings
20-060	Housing less core	None

These cylinders include set screw pack B220-050 for Adams Rite locks.



**K510-711**  
Adams Rite  
MS cam

Cylinders for Adams Rite 4070 Series deadlocks		
Number	Core mechanism	Collar
20-091	Conventional core	3/16" + 3/8" blocking rings
20-722	Primus core	3/16" + 3/8" blocking rings
20-722-XP	Primus XP core	3/16" + 3/8" blocking rings
20-090	Housing less core	None



**B520-378**  
Adams Rite  
4070 cam

- Notes
- 1. Mortise cylinders available 605, 606, 609, 612, 613, 619, 625, 626, and 643e finish. Cores furnished 606 and 626 only.
  - 2. To differentiate between Classic and Everest 29, specify keyway. Example: C or CP (Classic), S123 (Everest 29).
  - 3. All cylinders are 1 1/2" long.
  - 4. Specify LKB if 0-bitted Primus XP cylinders are required less key blanks.

## Full Size Interchangeable Core Availability



**A-Series**  
Orbit design



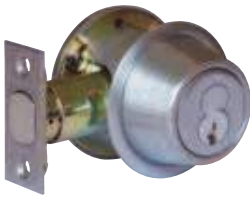
**ND-Series lever**  
all designs



**AL-Series**  
Saturn design



**H-Series knob**  
Orbit design



**B500-Series**



**L-Series**  
all designs  
except concealed



**B600 / 700-Series**



**S-Series**  
all designs  
except Flair



**D-Series knob**  
Orbit design

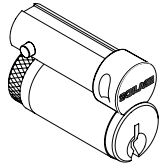


**S200-Series**  
all designs for S210



**All except Flair for other  
functions**

# Full Size Interchangeable Core Cylinders for Schlage Locksets



## Full Size Core Only

Number	Mechanism
23-030	Conventional core
30-120	Conventional core for hotel function (specify hand)
20-740-XP	Primus XP core (not available in hotel function)

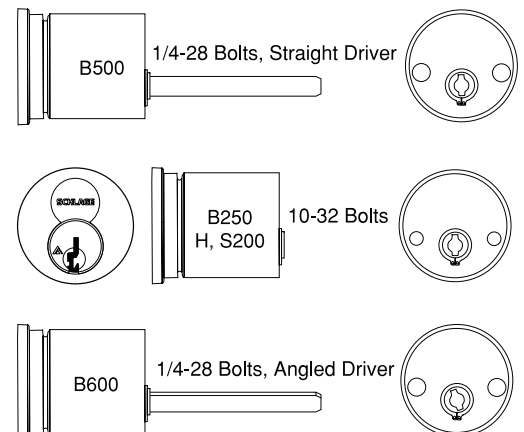
Available 606 and 626 finish only. Order control keys separately.

## Full Size IC Housings for Bored Deadlocks, Less Core

Lockset Series	Description	Number	Specify Finish
B500-Series	Outside	B610-203, B610-205	605, 609, 612, 613, 619, 625, 626, and 716
	Inside	B610-028**	605, 609, 612, 613, 619, 625, 626, and 716
B250, H, S200-Series	Outside	22-061	605, 606, 609, 610, 611, 612, 613, 616, 625, 626
	Inside of B252	22-062	
B600 / 700-Series	Outside	B610-027	605, 606, 609, 612, 613, 625, 626
	Inside	B610-028	See Note Below

Specify finish of B610-031 inside snap-on faceplate ordered separately for BC162 and B662/762.

\*\*Inside housing does not include snap-on faceplate



KS43F



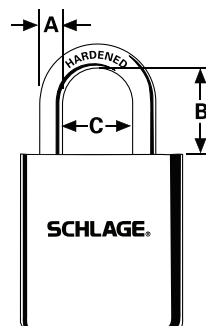
KS72F



KS92M

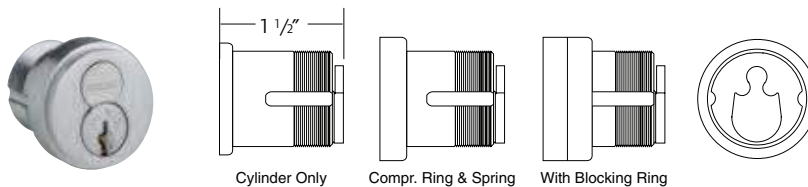
## Full Size Interchangeable Core Padlocks

Part #	Shackle Dimensions		
	A	B	C
<b>LESS CYLINDER - FULL SIZE INTERCHANGEABLE CORE</b>			
<b>BRASS BODY</b>			
KS43A3200	3/8"	3/4"	3/4"
KS43D3200	3/8"	1 1/2"	3/4"
KS43F3200	3/8"	2"	3/4"
KS43G3200	3/8"	4"	3/4"
<b>STEEL BODY</b>			
KS72M3200	7/16"	1"	7/8"
KS72F3200	7/16"	2"	7/8"
KS92M3200	3/8"	1"	3/4"

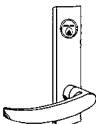



Note: To order Primus XP add the suffix - XP to the Primus part number. (Example: 12-345-XP)

# Full Size Interchangeable Core Mortise Cylinders



## Cylinders for Schlage L-Series Mortise Locks

	Design	Function	Core Mechanism		
			Conventional	Primus, Primus XP	Housing Less Core
	<b>L &amp; N Escutcheons</b> (cylinders with compression ring)	All Except Below	30-008	20-798, 20-798-XP	30-007
		L9060P Outside	30-030	20-782, 20-782-XP	30-032 + 36-083
		L9485P, L9486P Hotel Functions	30-010*	N/A	30-007
	<b>Sectional Trim</b> (cylinder with compression ring, spring and 3/8" blocking ring). 9060 requires 1/2" blocking ring.	All Except Below	30-138	20-776, 20-776-XP	30-137
		L9060P Outside	30-030 + 36-083 + 35-082-030	20-783, 20-783-XP	30-032 + 36-083 + 36-082-050
		L9485P, L9486P Hotel Functions	30-040*	N/A	30-137

\* Hotel function cores are handed. Specify hand of door.



**L583-489**  
Cam for All Functions  
Except L9060 Outside



**K510-680**  
Cam for  
L9060 Outside

## Mortise Cylinders with Straight Cam for Exit Devices

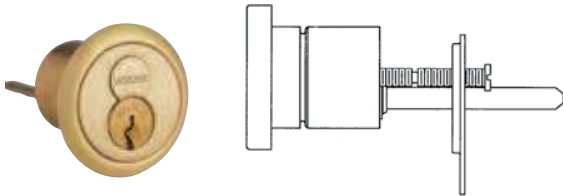
Number	Core Mechanism	Collar
26-091	Conventional core	Compression ring & spring
20-061		3/8" blocking rings + compression ring & spring
20-763, 20-763-XP	Primus/Primus XP core	Compression ring & spring
20-771, 20-771-XP		3/8" blocking rings + compression ring & spring
20-059	Housing less core	None
26-064		Compression ring & spring



**K510-730**  
Straight Cam,  
Other Applications

- Notes
1. Available 605, 606, 609, 610, 612, 613, 625, and 626 finish. Cores furnished 606 and 626 only.
  2. To differentiate between Classic and Everest, specify keyway. Example: C or CP (Classic), C123 (Everest). Everest C123 keyway standard.
  3. All cylinders are 1 1/2" long.
  4. Specify LKB if 0-bitted Primus XP cylinders are required less key blanks.

# Full Size Interchangeable Core Cylinders for Exit Devices, Aluminum Doors, etc.



## Interchangeable Core Rim Cylinders for Exit Devices

Number	Core Mechanism
20-057	Conventional core
20-757	Primus core
20-757-XP	Primus XP core
20-079	Housing only, less core

Available 605, 606, 609, 610, 612, 613, 625 and 626 finish.



## Cylinders for Adams Rite MS and 4700 Series Lori 4500 Series and Corbin Russwin DL3000 Series

Number	Core Mechanism	Collar
26-098	Conventional core	Compression ring & spring
20-062	Conventional core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-766	Primus core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-766-XP	Primus XP core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-060	Housing less core	None

These cylinders include set screw pack B220-050 for Adams Rite locks.



**K510-711**  
Adams Rite  
MS Cam

## Cylinders for Adams Rite 4070 Series Deadlocks

Number	Core Mechanism	Collar
20-091	Conventional core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-722	Primus core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-722-XP	Primus XP core	$\frac{3}{16}'' + \frac{3}{8}''$ blocking rings
20-090	Housing less core	None



**B520-378**  
Adams Rite  
4070 Cam

- Notes
1. Mortise cylinders available 605, 606, 609, 610, 612, 613, 625, and 626 finish. Cores furnished 606 and 626 only.
  2. To differentiate between Classic and Everest, specify keyway. Example: C or CP (Classic), C123 (Everest).
  3. All cylinders are  $1\frac{1}{2}''$  long.
  4. Specify LKB if 0-bitted Primus XP cylinders are required less key blanks.



**A**  
Hinges & Pivots

**B**  
Pulls & Plates

**C**  
Flush Bolts & Coordinators

**D**  
Latches, Catches & Bolts

**E**  
Stops

**F2**  
Exterior Hardware

**G**  
Miscellaneous Hardware



### LG1 Lock Guard

- Units are non-handed and incorporate security frame pin to prevent separation of the door and frame. LG7 does not incorporate the security frame pin
- Unit covers the latch bolt area of the door and lock, thereby providing added protection from burglars, vandals or normal abuse.
- Ideal for use with mortise or cylindrical locks.
- Easy installation.
- Through bolted with carriage bolts and nuts.
- Available in a variety of materials, 13 gauge stainless steel, 12 gauge steel and brass material.

#### Dimensions

3" Wide x 11-1/2" High

Bolt center to center: 10-1/2"

#### Finishes

Ives Number	USP*	US2G*	US4*	US10*	US32D	SP313*
BHMA	600	603	606	612	630	695

\* not available on LP7



### LG10 Lock Guard

- Ideally suited for use with rose or escutcheon 2-3/4" wide or less.
- For use with Type 86 Mortise and Type 161 Cylindrical Locks (ANSI 156.13 Series 1000 and ANSI 156.2 Series 4000).
- No exposed fasteners on face of unit.
- Unique design provides maximum security, virtually eliminating the opening between door and frame at the latch point.
- Available in 13 Gauge Stainless Steel or 12 Gauge Steel.

#### Dimensions

2-1/2" Wide x 9-1/2" High

Stud center to center: 8-1/2"

#### Finishes

Ives Number	USP	US32D
BHMA	600	630



### LG11 Lock Guard

- Designed for use on aluminum doors with latch-type locks or doors equipped with electric strikes.
- Unit is Handed - Specify left or right hand when ordering.
- No exposed fasteners on face of unit.
- Unique design provides maximum security, virtually eliminating the opening between door and frame at latch point.
- Available in 13 Gauge Stainless Steel or 12 Gauge Steel.

#### Dimensions

2-1/2" Wide x 9-1/2" High  
Stud center to center: 8-1/2"

#### Finishes

Ives Number	US32D	SP313
BHMA	630	695



### LG12 Lock Guard

- Narrow design unit for use on rose or escutcheon 3-1/2" or less.
- For use with Type 86 Mortise and Type 161 Cylinder Locks (ANSI 156.13 Series 1000 and ANSI 156.2 Series 4000).
- No exposed fasteners on face of unit.
- Unique design provides maximum security, virtually eliminating the opening between door and frame at the latch point.
- Available in 13 Gauge Stainless Steel or 12 Gauge Steel

#### Dimensions

1-1/2" Wide x 9-1/2" High  
Stud center to center: 8-1/2"

#### Finishes

Ives Number	USP	US32D
BHMA	600	630

A  
Hinges & Pivots

B  
Pulls & Plates

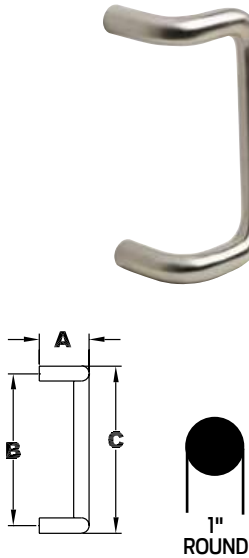
C  
Flush Bolts & Coordinators

D  
Latches, Catches & Bolts

E  
Stops

F3  
Exterior Hardware

G  
Miscellaneous Hardware



## 8190EZHD 90° Offset Solid Door Pull

Available Sizes: 8", 10", 12", 18"

### Certifications

Meets ANSI A156.06

Complies with ADA and Barrier Free Applications

### Mounting

- Heavy Duty mounting hardware exceeds industry standards
- 3/8-16 mounting hardware
- Specify door thickness. Standard mounting hardware for door thickness of 1-1/2" to 1-3/4" unless otherwise specified. Optional package available for 2" and 2-1/4" thick doors.
- Comes Standard with thru-bolt screws and decorative washers.
- Optional Mounting Hardware available (see General information section for details) A, F, I, L, N, O, P, Q, X
- Mounting hardware for other door thicknesses are available as engineering special, consult customer service.

Product number	Projection "A"	Clearance	Center to center "B"	Overall length "C"	Offset "D"
8190EZHD-8	3-1/2"	2-1/2"	8"	9"	3-1/4"
8190EZHD-0	3-1/2"	2-1/2"	10"	11"	3-1/4"
8190EZHD-2	3-1/2"	2-1/2"	12"	13"	3-1/4"
8190EZHD-18	3-1/2"	2-1/2"	18"	19"	3-1/4"

### Finishes

- Available in Aluminum, Brass, and Stainless Steel substrates. See General information section for specific BHMA finish code, finish description, US finish code, and substrate information.
- 316 Series Stainless Steel standard, exceeding industry standards for corrosion resistance. Recommended for external applications
- Standard finishes available; 605, 606, 612, 613, 619, 625, 626, 626-AM, 628, 629-316, 630-316, 630-AM
- Custom finishes are available as engineering special, consult customer service.

### Additional Information

- Specify PR when ordering a set of pulls for back to back mounting
- For one back to back machined pull, specify Nsgl or Psgl (glass doors)
- Custom lengths are available as engineering special, consult customer service.

A  
Hinges & Pivots

B17  
Pulls & Plates

C  
Flush Bolts & Coordinators

D  
Latches, Catches & Bolts

E  
Stops

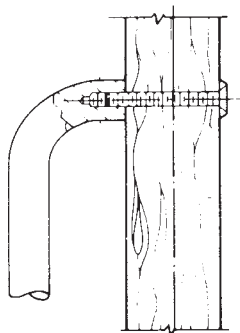
F  
Exterior Hardware

G  
Miscellaneous Hardware

## Mounting

- All mounting hardware is for standard 1-3/4" door.
- Consult Customer Service if other than standard.

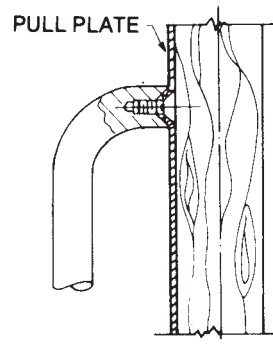
### Type Standard Mount



#### Standard Mounting

- (2) 3/8-16 x 2-1/4" brass, flat head machine screws; plate to match.
  - (2) 3/8-16 countersunk washers; plated to match
- Note: 8102HD and 8105 have (2) 5/16-18 x 2-1/2" machine screws  
-Options: (2) 5/16 countersunk washers

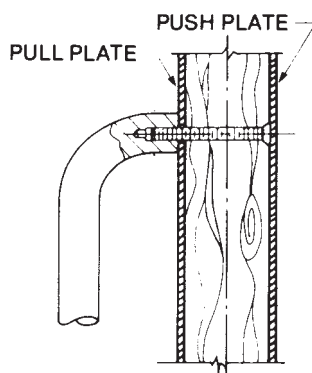
### Type G Mount



#### Concealed Pull Plate Mounting

- Available only for 8302, 8303, 8311 Pull Plates.
- (2) 3/8-16 x 5/8" steel flat head machine screws; zinc plated.
- Pull mounts directly onto plate.  
Plate is attached to door by 6 screws.
- Note: 8302 has (2) 5/16-19 x 5/8" steel flathead zinc plated screws

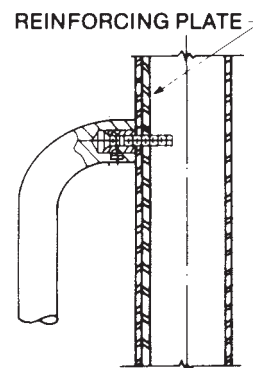
### Type F Mount



#### Wood Doors Concealed Pull Mounting With Push Plate

- (2) 2-1/4" steel flat head machine screws; zinc plated.
- Available only for 8102HD, 8103HD, 8105, 8111, 8302, 8303, 8305 and 8311. Plate on opposite side of door must be ordered separately.
- Note: 8102HD, 8302 will have 5/16-18  
8105, 8111, 8305, 8311 will have 1/4-20  
8103HD, 8303 will have 3/8-16"

### Type H-I-L Mount



#### Reinforced Hollow Metal Door Concealed Pull Mounting

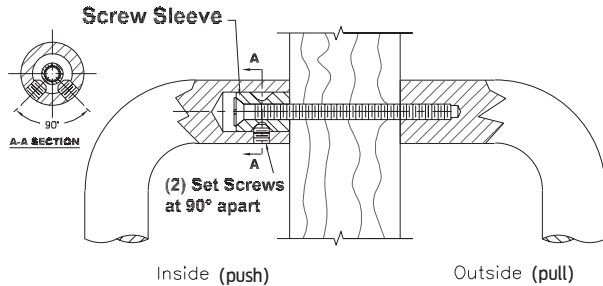
- Available only for 8102, 8103, 810EZ or wood door pulls, 8302, 8303 pull plates and 9264, 9265, 9266 and 9267 long door pulls.
- (2) Steel screw sleeves; zinc plated.
  - (2) Steel countersunk trim head machine screw; zinc plated for reinforced metal door.
  - (2) Steel countersunk trim head steel metal screw; zinc plated for wood doors.
- Note: 8102HD and 8302 will have 5/16-18"  
8103HD, 8103EZHD, 8303 will have 3/8-16

## Mounting for 8103EZ, 8190, 9100, 9103EZ, 9190 and 9264, 9265, 9266 and 9267 long door pulls.

• All mounting hardware is for standard 1-3/4" door.

• Consult Customer Service if other than standard.

### Type J/N Mount



#### Back to Back "Two-Anchor"

Wood or Metal Door

Available only for 8103EZHD, 8190HD, 9100HD push/pull combinations and 9264, 9265, 9266 and 9267 long door pulls.

- (2) 3/8-16 x 2-3/4" steel countersunk trim head machine screws with (4) set screws for maximum anchoring force.
- (2) Steel screw sleeves; zinc plated.

### Type NS-Standard Push/Pull Mounting

Type N & Standard

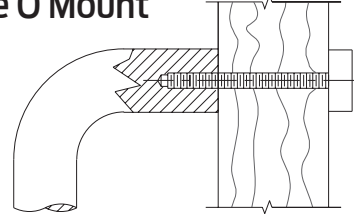
Pushbar to Pull

- (1) 3/8 - 16 X 3" steel countersunk trim head machine screws with (2) set screws.
- (1) steel screw sleeve, zinc plated.

Free End Pushbar & Pull

- (2) 3/8 - 16 X 2-1/4" brass, oval head mach screws; plated to match.
- (2) No. 14 countersunk washers; plated to match.

### Type O Mount



#### Decorative Blind Thru - Bolt

Wood or Metal Door

Available only for 8103EZHD, 8190HD and 9100HD Series Push/Pull Combinations.

- (2) 3/8-16 x 2-1/4" blind thru - bolts; plated to match.

### Type NO Push/Pull Mounting

Type N & Type O

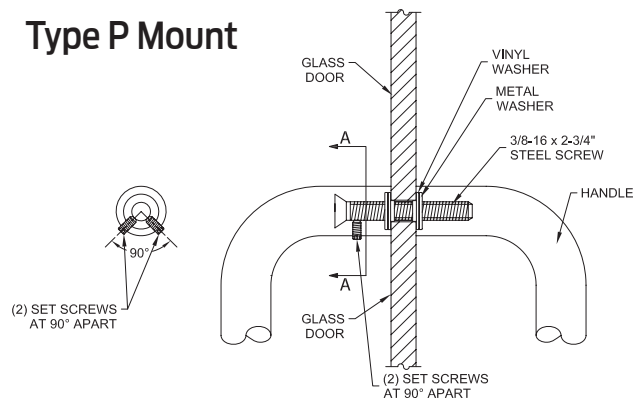
Pushbar to Pull

- (1) 3/8 - 16 X 3" steel countersunk trim head machine screws with (2) set screws.
- (1) steel screw sleeve, zinc plated.

Free End Pushbar & Pull

- (2) 3/8 - 16 X 2-1/4" blind thru-bolts; plated to match.

### Type P Mount



#### 1/2" Glass Door

Available only for 8103EZHD, 8190HD, 9100HD, 9265 and 9266 long door pulls.

- (2) 3/8-16 x 2-1/4" steel countersunk trim head machine screws with (4) set screws for maximum anchoring force.
- (2) Steel screw sleeves; zinc plated
- (2) Metal and Vinyl washers



Meets ANSI/BHMA A156.3, Type 21A.  
UL Listed for installation on labeled frame.

### COR

### Series Bar Coordinators

- The COR Series Coordinators are designed for use on pairs of doors when one door needs to close before the other.
- All COR units function easily. The active door lever, located nearest to the active stop, holds the active door open until the trigger mechanism is released by the closing of the inactive leaf.
- All COR units may not function correctly with swingclear hinges.
- All COR units are equipped with an adjustable override feature which allows the active door to close under extreme pressure.
- All COR units are compatible with Flush Bolts.
- The COR Series is available in five sizes for variable door opening widths.
- The COR Series does not cover the entire length of the stop, so a FL filler bar can be provided to maintain architecturally clean lines.
- COR Series Coordinator Channels and FL fillers are made of aluminum.
- Optional Filler Bars: FL20 - 20", FL32 - 32" and FL44 - 44", available to maintain clean line.
- Optional Mounting Brackets available: MB1, MB2, MB1F, MB2F, MB3F, MB1V, MB2V, and MB3V for other stop applied hardware.

#### For Openings Where Doors Are Same Size

Coordinator Number	Length of Channel	For Opening Widths	Common Applications
COR32	32"	34" - 52"	Pair of 2'0" Doors
COR42	42"	52" - 72"	Pair of 2'6" Doors
COR52	52"	62" - 92"	Pair of 3'0" Doors
COR60	60"	70" - 108"	Pair of 3'6" Doors
COR72	72"	84" - 132"	Pair of 4'0" Doors

#### For Openings Where Doors Are Unequal Size

The coordinator length should equal the active door width plus approximately 1/2 the inactive door width. The coordinator must be 6" longer than the active door width and shorter than the overall frame opening between stops.

### Finishes

Ives Finish	US28	US26D	315AN
BHMA	628	713	711



### FL

### Series Filler Bars

- The FL Filler Bars are available in three sizes for variable frame openings.
- FL Filler Bars are made of aluminum
- FL Filler Bars are field sized to frame opening.

#### Filler Bar

Number	Length	Dimensions
FL20	20"	1-5/8" W x 5/8" D x 20" L
FL32	32"	1-5/8" W x 5/8" D x 32" L
FL44	44"	1-5/8" W x 5/8" D x 44" L

### Finishes

Ives Finish	US28	US26D	315AN
BHMA	628	713	711

## MB1 and MB2



## Mounting Brackets

- Allows stop mounted hardware to be properly installed without damaging the COR coordinator, such as a parallel arm closer or a non-fire-rated surface vertical rod strike.
- Stop mounted hardware will need to be lowered to compensate for the height of the coordinator and mounting bracket.
- MB mounting brackets are made of aluminum

Product	Jamb Depth	Stop Width	Dimensions
MB1	4-3/4" Min.	Over 2-1/2"	4" W x 3" D x 15/16" T
MB2	4-3/4" Min.	Up to 2-1/2"	4" W x 3-1/4" D x 1-5/8" T

### Finishes

Ives Finish	USP	SP28	SPBLK
BHMA	600	689	622

## MB1F, MB2F and MB3F MB1V, MB2V and MB3V



MB1V



MB2V



MB3V

## Fire Rated Mounting Brackets

- Allows for fire-rated stop mounted hardware to be properly installed without damaging the COR Coordinators, such as fire-rated surface vertical rod exit device strikes.
- Latch will need to be lowered to compensate for the height of the coordinator and mounting bracket.
- MB-V are designed for Von Duprin 8827-F soffit latch.
- Mounting brackets are made of steel.

Product	Jamb Depth	Stop Width	Dimensions
MB1F	5"	1-1/2" - 2-1/4"	4" W x 3" D x 1-5/8" T
MB1V	5"	1-1/2" - 2-1/4"	4" W x 3" D x 1-5/8" T
MB2F	5-7/8"	2-3/8" - 3-1/4"	4" W x 4" D x 1-5/8" T
MB2V	5-7/8"	2-3/8" - 3-1/4"	4" W x 4" D x 1-5/8" T
MB3F	6-7/8"	Over 3-3/8"	4" W x 3-1/2" D x 1" T
MB3V	6-7/8"	Over 3-3/8"	4" W x 3-1/2" D x 1" T

### Finishes

Ives Finish	USP	SP28	SPBLK
BHMA	600	689	622

### COR7G and COR9G



Meets ANSI/BHMA A156.3, Type 21.  
UL Listed for Fire Doors.

### Gravity Coordinators

- When active door is open, coordinator prevents active door from closing until inactive door bypasses. Closing of inactive door causes strike plate on top of door to contact cam and lift arm, allowing active door to close. As inactive door continues closing, roller rides over strike plate on to door bracket, holding arm above active door.
- Non-handed.
- Gravity action arm and door bracket are adjustable on the job for ease of installation. Rubber roller provides quiet and efficient operation, and helps protect the astragal and doors from damage.
- Nylon roller on short arm glides smoothly over door bracket and strike, ensuring silent operation.
- Made of forged brass.
- COR7G for use on pairs of doors with astragal on active door up to 4' or with astragal on inactive door up to 3'4" or with astragal on both doors up to 2'10"
- COR9G for use on pairs of doors with astragal on active over 4' or with astragal on inactive door over 3'4" or with astragal on both doors over 2'10"

Product	Projection
COR7G	7"
COR9G	9"

### Finishes

Ives Finish	US3	US4	US10	US10B	US26	US26D
BHMA	605	606	612	613	625	626



Meets ANSI/BHMA A156.3, Type 21.

### CB1 Carry Bar

- Used when it is possible for the inactive door to be opened before the active door.
- Prevents damage to the doors and other hardware.
- Nylon roller insures quiet and efficient operation.
- Non-handed.
- All-steel construction.
- Standard sex bolts for mounting.

### Finishes

Ives Finish	US3	US4	US10	US10B	US26	US26D	SPBLK	USP
BHMA	605	606	612	613	625	626	622	600

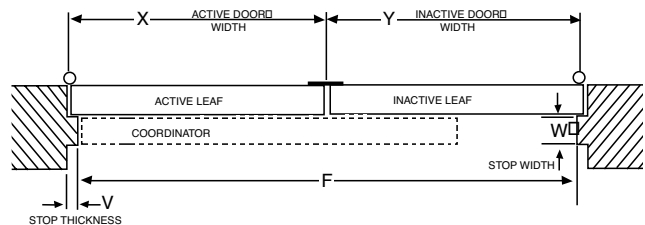


## How to Order COR and Accessories

	<b>COR</b>	<b>52</b>	<b>US28</b>	<b>FL20</b>	<b>D</b>	<b>36"</b>
<b>COR Size:</b> 32, 42, 52, 60, 72						
<b>Finishes:</b> US28, US26D, 315AN						
<b>Filler Bar (if desired):</b> FL20, FL32, FL44						
<b>Vertical Rod Exit Device Cutout Type (if applicable):</b> A, B, C, D, E, F, G If other Vertical Rod Exit Device not listed on chart, from page C16, include information as shown on page C16.						
<b>Active Door Size – Required for ALL Vertical Rod Exit Device Applications</b>						

### To determine the size COR you need:

1. Start with the active door width (X).
2. Next consider the overall frame opening between stops (F).
3. Preferably, the coordinator would equal the active door width (X) + approximately 1/2 inactive door width (Y).  
The coordinator must be 6" longer than the active door width (X) and less than the overall frame opening between stop (F).



### Examples:

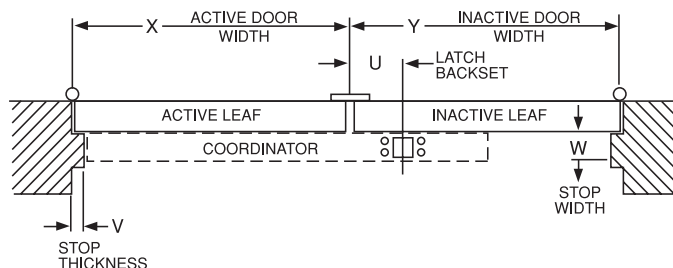
- Pair of 30" Doors, 5/8" Stops  
Active Door Size, X = 30"  
Overall Frame Opening between Stops, F = 58-3/4"  
Recommended Coordinator: COR42
- Pair of 36" Doors, 5/8" Stops  
Active Door Size, X = 36"  
Overall Frame Opening between Stops, F = 70-3/4"  
Recommended Coordinator: COR52
- 36" Active Door, 18" Inactive door, 5/8" Stops  
Active Door Size, X = 36"  
Overall Frame Opening between Stops, F = 52-3/4"  
Recommended Coordinator: COR42
- 48" Active Door, 24" Inactive Door, 5/8" Stops  
Active Door Size, X = 48"  
Overall Frame Opening between Stops, F = 94-3/4"  
Recommended Coordinator: COR60

## Special Factory Preparation for Use with Vertical Rod Exit Devices

Coordinators may need to be prepared at the factory for use with some surface or concealed vertical rod exit devices.  
(See Chart below)

### If the exit device is not listed the following information is needed.

1. Exit Device Manufacturer and Model No.
2. Active Door Size, "X"
3. Inactive Door Size, "Y"
4. Exit Device Backset, "U"
5. Stop Width, "W"
6. Stop Thickness if other than 5/8", "V"



Exit Device Manufacturer	Exit Device Number	Device Backset	Maximum Active Door	Coordinator Size Needed	Coordinator Cutout Type	Mounting Bracket Needed
Von Duprin	5547-F	2-3/8"	33" 43" 51" 63"	42" 52" 60" 72"	Type A	None
Von Duprin	8827-F	2-3/4"	33" 43" 51" 63"	42" 52" 60" 72"	Type B	MB1V, MB2V or MB3V see page C3
Von Duprin	8847-F	2-3/8"	33" 43" 51" 63"	42" 52" 60" 72"	Type C	None
Von Duprin	33/3547 33/3547-F 98/9947 98/9947-F	2-3/4"	33" 43" 51" 64"	42" 52" 60" 72"	Type D	None
Von Duprin	33/3548 33/3548-F 98/9948 98/9948-F	2-3/4"	33" 43" 51" 64"	42" 52" 60" 72"	Type D	None
Von Duprin	33/3547WDC 33/3547WDC-F 98/9947WDC 98/9947WDC-F	1-5/16"	34" 44" 52" 65"	42" 52" 60" 72"	Type E	None
Falcon	17-C F-17-C 18-C F-18-C XX-C F-XX-C 24-C F-24-C 25-C F-25-C	2-3/4"	33" 43" 51" 63"	42" 52" 60" 72"	Type F	None
Falcon	17-C-WDC F-17-C-WDC 18-C-WDC F-18-C-WDC XX-C-WDC F-XX-C-WDC 24-C-WDC F-24-C-WDC 25-C-WDC F-25-C-WDC	2-13/16"	33" 43" 51" 63"	42" 52" 60" 72"	Type G	None

# 100 Series Concealed Overhead Door Holders/Stops



## 100 Series Heavy-Duty

Glynn-Johnson offers a complete line of overhead door holders and stops, accommodating virtually all openings with solutions for even the most complex door control problems. These concealed holders and stops provide the most attractive and reliable heavy-duty door control available.

Glynn-Johnson 100 series holders and stops provide the most reliable and versatile concealed overhead door control. They are designed for installation on virtually all types of doors mounted on conventional type butt hinges, pivots, continuous hinges, swing clear hinges and numerous other specialty hinges. When used in conjunction with many surface-applied door closers, 100 series holders and stops provide the most effective control for entrance doors and vestibule doors of all types, as well as heavy or often used interior doors. Templates provided allow for variable mounting positions, ranging from 85° - 110° of opening.

### Five Models:

- 100H Series Hold-Open Model
- 100HP Series Internal Hold-Open Model
- 100F Series Friction Hold-Open Model
- 100S Series Stop-Only Model
- 100SE Series Special Stop-Only Model

### Six Sizes:

- Each model comes in six sizes.
- Simple
- Standardized

### Three Options:

- ADJ—Adjustable Jamb Bracket
- CJ—Jamb Bracket for use with LCN5030 Closer
- SOC—Pin-in-Socket Security Screw Package

### Unmatched Convenience:

- Non-handed
- Improved Compatibility with Door Closers
- Single/Double-Acting Doors
- Interior/Exterior Applications
- Reduced Door Prep
- Durable
- Improved Corrosion Resistance
- Function Conversion Kits are Available.

### Materials and Finishes:

In Heavy Gauge Brass or 300 Series Stainless Steel, these models offer the broadest range of finishes in the industry, complementing any design and offering the highest resistance to corrosion. Available in the following finishes:

Finishes	Description
US3	Polished Brass
US4	Satin Brass
US10	Satin Bronze
US10B	Oil Rubbed Bronze
US32	Polished Stainless Steel
US32D	Satin Stainless Steel
SP4	Powder Coat Brass
SP10	Powder Coat Bronze
SP28	Powder Coat Aluminum
SP313	Powder Coat Dark Bronze
SPBLK	Powder Coat Black

## Models

These models provide a wide range of optional features, and are ideal for use on entrance and vestibule doors, large doors, doors opened frequently, or doors subject to abuse. These models are also furnished with an offset-style jamb bracket.

Designed for heavy-duty applications, 100 series models will provide long-lasting protection to doors, frames, hinges, related hardware and surrounding walls or obstructions.

### 100H Series Hold-Open

(Suffix H) The Hold-Open function should be used where it is desired to hold a door open at a predetermined position for short or long periods of time, permitting an unobstructed traffic flow through the opening.

These models are both selective and adjustable, featuring the most reliable Hold-Open mechanism available. They feature a control knob which protrudes from the face of the door and turns the Hold-Open function on or off. Set in the inactive position, the unit acts as a stop and shock absorber. The tension on the Hold-Open mechanism can be adjusted using an allen wrench to offset air currents or other exterior conditions. The Hold-Open tension adjustment is located in the bottom of the track in the top of the door.

### 100HP Series Internal Hold-Open

These models provide a Hold-Open unit with the Hold-Open mechanism built into the channel, thus reducing the door prep. The 100HP have a preset Hold-Open force that is not adjustable. The Hold-Open feature is not selectable in these units, so the doors are always held open.

---

## 100F Series Friction Hold-Open

(Suffix F) Friction Hold-Open models provide an alternative holding method, ideal for heavy patient room doors, closet doors or similar applications where multiple Hold-Open positions are desired. The friction tension is adjusted using an allen wrench and an open end wrench. The friction tension adjustment is located on the top of the slider in the channel.

---

## 100S Series Stop-Only

(Suffix S) When the Hold-Open function is not required, the Stop-Only function provides the same effective door control minus the Hold-Open feature. The Stop-Only model may be used on fire doors.

---

## 100SE Series Special Stop-Only

(Suffix SE) When Stop-Only models are used in conjunction with single point Hold-Open electronic door closers, they may be ordered without the shock-absorbing mechanism. Used as an auxiliary stop with these closers, they will prolong the life of the closer. The stop location is adjusted using an allen wrench on the stop block located in the channel.

*Note: Caution should be used when using this option in other applications, as the elimination of the shock-absorbing spring can put added stress on door and frame if used improperly.*

## Application Information

### UL Classification

The 100 series Stop-Only models are classified by Underwriters Laboratories (UL) as Miscellaneous Fire Door Accessories. This classification applies to use on either Hollow Metal Fire Doors or Wood Fire Doors. Where Wood Door manufacturer's listing allows for the cutout required for installation, concealed overhead stops may be used on those wood fire doors. These units may be used on doors of any rating. As a reminder, the Miscellaneous Fire Door Accessories (GVUX) section is defined by UL as: "Miscellaneous fire door accessories are intended in the individual Listings. The accessories have been investigated to determine that when installed in accordance with the manufacturer's instructions, the accessories do not adversely affect the fire rating of the fire door and/or fire door frames."

### Dead Stop Templating:

If a wall or similar obstruction is in place at 110° or less opening angle (i.e. doors that open back-to-back), Dead Stop Templating should be used. This includes all Hold-Open, Friction and Stop-Only models, except when the "SE" Option is used. The Dead Stop position is reached when the shock-absorbing spring is fully compressed, the initial degree of opening will be 5° to 7° less than the Dead Stop opening.

*Example: If the holder is templated to 100° Dead Stop, the door will hold open somewhere between 93° and 95°, but no further than 100°.*

*Note: Do not use dead-stop templating on the 100SE Series since there is no shock-absorbing spring.*

### Environmental Considerations:

Environmental factors should always be considered when specifying overhead holders and stops. Doors that are positioned on a building's exterior or subject to corrosive conditions should be equipped with a holder constructed primarily of stainless steel or brass materials. For interior applications, steel is acceptable, though brass substrates generally provide a more attractive architectural-grade finish.

### Function Conversion Kits

- FK100F—Converts a 100H or 100S unit into a 100F unit.  
To order specify FK100F.
- FK100H—Converts a 100F or 100S unit into a 100H unit.  
To order specify FK100H.
- No kit is needed to convert a 100H or 100F unit into a 100S unit.

## Options

### Suffix ADJ (Adjustable Jamb Bracket):

An additional option on the 100 series is the adjustable jamb bracket, which allows the degree of Hold-Open or Stop angle to be adjusted after installation. Suffix "ADJ" is available in all functions, but only in sizes 3, 4, 5 & 6. ADJ jamb bracket requires additional frame prep. The ADJ option cannot be added to an existing unit, it must be factory ordered.

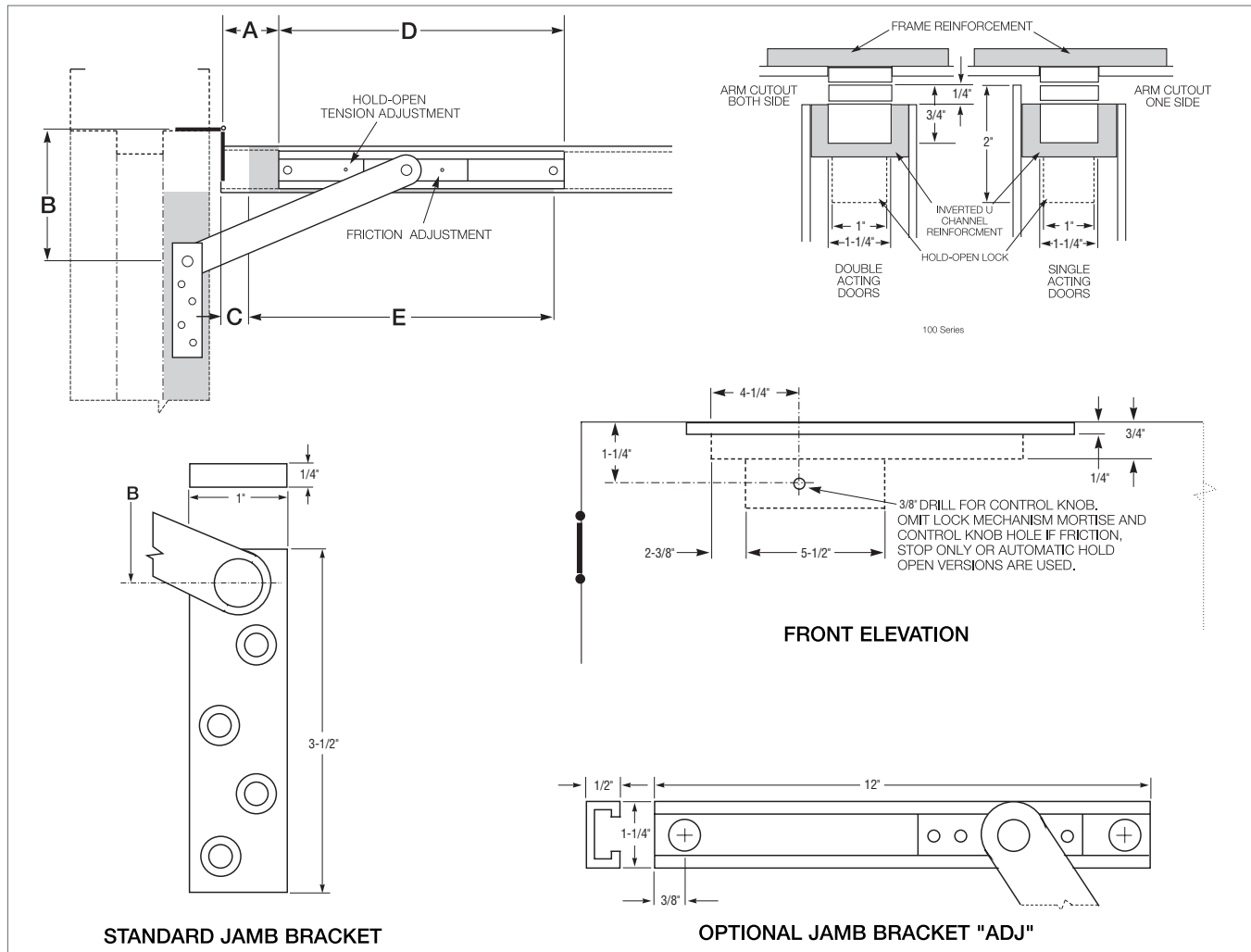
### Suffix CJ (Closer Jamb Bracket):

Provides a special jamb bracket needed for 100 series units used with LCN5030 closers. These special jamb brackets are handed, so handing will need to be specified when ordering the "CJ" option, CJLH for a left hand door and CJRH for a right hand door. The CJ option cannot be added to an existing unit, it must be factory ordered.

### Suffix SOC (Pin-in-Socket Security Screw Package):

A screw package with pin-in-socket screws for mounting the jamb bracket to the frame is provided instead of the standard screw package.

# 100 Series Concealed Overhead Door Holders/Stops



100 Series Sizing Chart								
BUTTS/OFFSET PIVOTS					CENTER HUNG			
SIZE	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION
1	18"-23"	101S*	101H*	101F*	----	----	----	----
2	23-1/16"-27"	102S*	102H*	102F*	----	----	----	----
3	27-1/16"-33"	103S	103H	103F	33-1/16"-39"	103S	103H	103F
4	33-1/16"-39"	104S	104H	104F	39-1/16"-45"	104S	104H	104F
5	39-1/16"-45"	105S	105H	105F	45-1/16"-51"	105S	105H	105F
6	45-1/16"-54"	106S	106H	106F	51-1/16"-59"	106S	106H	106F

Note: This chart illustrates the most common types of hinging and door opening sizes.  
For unusual door details, contact Glynn-Johnson for availability.

\*These sizes are not available for use with offset pivots. Also not available with the ADJ option.

BHMA/ANSI, A156.8 & FED. Spec. Cross Reference		
G-J Model	BHMA*	FED. Spec.
101-106 H	C01511	1160
101-106 S	C01541	----
101-106 F	C01531	----

\* First numeral (0) designates optional material.

To specify:

Brass material, change 0 to 1 (i.e. C11511)

Stainless Steel material, change 0 to 5 (i.e. C51511)

## BHMA

All 100 series models are designed for heavy-duty applications and far exceed BHMA cycle test and force test requirements for Grade 1 holders and stops.

The template information on this page is for reference only and is not intended to serve as an installation template.  
For complete dimensional information, refer to Glynn-Johnson template book.



## How to Order

	<u>10</u>	<u>4</u>	<u>H</u>	-	<u>US26D</u>	-	<u>ADJ</u>
<b>Overhead Series:</b> 10							
<b>Size (Door Opening Using Butts or Offset Pivots):</b> 1 (18"-23") 2 (23-1/16"-27") 3 (27-1/16"-33") 4 (33-1/16"-39") 5 (39-1/16"-45") 6 (45-1/16"-54")							
<b>Function:</b> H Hold-Open HP Internal Hold-Open F Friction Hold-Open S Stop-Only SE Special Stop-Only							
<b>Finishes:</b> US3 Polished Brass US4 Satin Brass US10 Satin Bronze US10B Oil Rubbed Bronze US32 Polished Stainless Steel US32D Satin Stainless Steel SP4 Powder Coat Brass SP10 Powder Coat Bronze SP28 Powder Coat Aluminum SP313 Powder Coat Dark Bronze SPBLK Powder Coat Black							
<b>Options:</b> ADJ Adjustable Jamb Bracket CJLH Special Jamb Bracket for LCN 5030 Closer, LH Door CJRH Special Jamb Bracket for LCN 5030 Closer, RH Door SOC Pin-in-Socket Security Screws							



## Surface mounted closer

# 4040XP Series

### Overview

The 4040XP Series is LCN's most popular door closer—and for good reason. This durable non-handed, surface-mounted heavy-duty closer, is designed for the most demanding high-use-and-abuse applications.

- ANSI/BHMA A156.4 Grade 1 rated
- Meets ADA reduced opening force requirements
- cUL listed and UL listed for self-closing doors without hold-open

The beauty of the 4040XP is that it goes way beyond the required standards. And in doing so, it has set the standard for reliability, longevity, and value.

- Stronger materials designed to go the distance.
- Proven production processes and technology, such as, forging steel and heat-treating certain components, that ensure a tougher, bolder construction.
- Abuse-cycle and temperature tests that mimics what door closers encounter in high-abuse environments.
- Well-marked adjustment valves and built-in preventative measures for adjusting too far and breaking the closer.
- 30-year limited warranty

Our relationship with you doesn't end at the sale. LCN supports you throughout the life of your facility with all your technical and application needs. Bottom line, the 4040XP is a closer you can count on that's built to last a lifetime—all while delivering remarkable value in a variety of applications.

### Cylinder

#### 4040XP-3071

Cast iron cylinder assembly

#### Handing

Non-handed

#### Sizing

Adjustable spring size 1–6, includes LCN Green Dial

#### Available cylinder options

DEL	Delayed action cylinder
-----	-------------------------



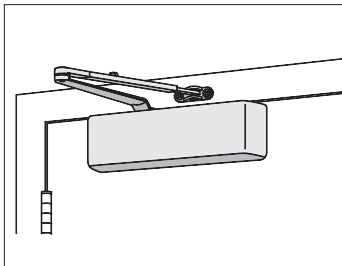
## Adjustments

There are several design features that make installation or adjustment of the 4040XP easier and more intuitive.

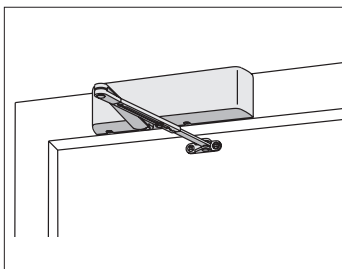
- **LCN Green Dial** provides a visual reference of the spring power setting, taking the guesswork out of spring power adjustments.
- **Additional adjustments** can be made to the back check, main, and latch regulation valves which are labeled for easy identification.
  - **Note:** Labels correspond to a diagram with door swing zones located on the closer body.
- **A patent-pending positive stop feature** on all regulation valves. The improved staking feature prevents the screw from being backed out and causing accidental damage to the product.
  - The patent-pending regulation valve indicators provide visual color indicators of how far a screw is backed out—the more visible the component, the faster the speed.
  - This makes adjustments simpler and more intuitive.
- **New QR code** that provides on-the-spot access to interactive installation and maintenance instructions and tech support.



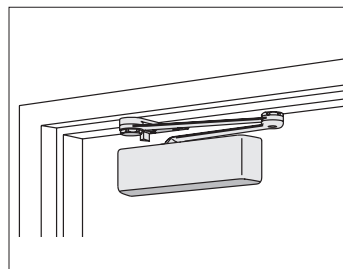
## Mounting



Hinge (pull side)



Top jamb (push side)



Parallel arm (push side)

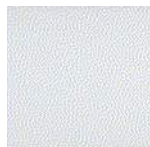


## Finishes

### Powder coat finishes



**622**  
Matte Black



**689**  
Aluminum



**690**  
Statuary Bronze



**691**  
Light Bronze



**693**  
Black



**695**  
Dark Bronze



**696**  
Brass

150+ additional  
custom colors  
available using the  
RAL numbering  
system

### Metal plated finishes



**632**  
Bright Brass



**633**  
Satin Brass



**639**  
Satin Bronze



**616**  
Satin Bronze,  
Blackened



**646**  
Satin Nickel



**651**  
Bright Chrome



**652**  
Satin Chrome

### Available finish options

MTLPC	Brite metallic: Custom powder coat finish, which resembles that of 651 or 652 plated finish.
SRI	For installations where a higher level of protection against weather conditions, or the effects of a potentially corrosive atmosphere is required, LCN offers a special rust inhibiting (SRI) process. Ferrous metal components receive an SRI pretreatment and a standard powder coat finish of your choice, or a custom powder coat finish for a nominal additional cost. Closers treated with the SRI process exceed the 100 hour protection level available with standard LCN powder coated finishes.

## Covers

### Standard cover



Front view



Back view

- 4040XP-72  
plastic cover (PC)**
- Non-handed
  - Includes 4040XP-54 snap-on cover clip
  - Redesigned snap-fit cover with improved patent-pending retention fit

### Optional cover



- 4040XP-72MC  
metal cover (MC)**
- Handed
  - Required for plated finishes and custom powder coat finishes
  - Optional

## Arms



**4040XP-3077  
Regular Arm (REGARM)**

- Non-handed
- Mounts pull side or top jamb with shallow reveal P4041 closer includes PA shoe, 4040XP-62PA required for parallel arm mounting



**4040XP-3077L  
Long Arm (LONG)**

- Non-handed
- Includes long rod and shoe, 4040XP-79LR for top jamb mount
- Optional



**4040XP-3077ELR  
Extra Long Arm (XLONG)**

- Non-handed
- Includes extra long rod and shoe, 4040XP-79ELR for top jamb mount with deep reveal
- Optional



**4040XP-3049  
Hold Open Arm (H)**

- Non-handed
- Mounts pull side or top jamb with shallow reveal, hold open adjustable shoe
- 4040XP closer includes 4040XP-62PA shoe required for parallel arm mounting
- Optional



**4040XP-3049L  
Hold Open Long Arm (HLONG)**

- Non-handed
- Includes long head and tube, 4040XP-3048L for top jamb mount
- Optional



**4040XP-3077EDA  
Extra Duty Arm (EDA)**

- Non-handed
- Features forged, solid steel main and forearm for potentially abusive installations
- Optional



**4040XP-3049EDA  
Hold Open Extra Duty Arm (HEDA)**

- Handed
- Parallel arm features forged, solid steel main and forearm for potentially abusive installations
- Hold open function is adjusted at the shoe
- Optional



**4040XP-3077EDA/62G  
Extra Duty Arm with 62G Thick Hub Shoe (EDAW62G)**

- Non-handed
- Features forged, solid steel main and forearm for potentially abusive installations
- 62G shoe provides additional blade stop clearance
- Optional



**4040XP-3049EDA/62G  
Hold Open Extra Duty arm with 62G Thick Hub Shoe (HEDA62G)**

- Handed
- Features forged, solid steel main and forearm for potentially abusive installations
- 62G shoe provides additional blade stop clearance; hold open function is adjusted at the shoe
- Optional



**4040XP-3077CNS  
Cush-n-Stop Arm (CUSH)**

- Non-handed
- Features solid forged steel main arm and forearm with stop in soffit shoe.
- Optional



**4040XP-3049CNS  
Hold Open Cush-n-Stop Arm (HCUSH)**

- Non-handed
- Hold open function with templated stop/hold open points
- Handle controls hold open function
- Optional



**4040XP-3077SCNS  
Spring Cush-n-Stop Arm (SCUSH)**

- Non-handed
- For potentially abusive applications features solid forged steel main arm and forearm with spring loaded stop in the soffit shoe
- Optional

## Arms



### **4040XP-3049SCNS Spring Hold Open Cush-n-Stop Arm (SHCUSH)**

- Non-handed
- For potentially abusive applications features solid forged steel main arm and forearm with spring loaded stop in the soffit shoe
- Handle controls hold open function
- Optional

## Installation accessories



### 4040XP-18 Plate

- Required for hinge side mount where top rail is less than 3 3/4" (95 mm)
- Requires minimum 2" (51 mm) minimum top rail



### 4040XP-18G Plate

- Locates top jamb mounted closer flush with top of head frame face in flush ceiling condition
- Requires 1 3/4" (44 mm) minimum head frame



### 4040XP-18TJ Plate

- Centers top jamb mounted closer vertically on head frame where face is less than 3 1/2" (89 mm). Plate requires 1 3/4" (44 mm) minimum head frame



### 4040XP-18PA Plate

- Required for parallel arm mounting where top rail is less than 5 1/2" (140 mm), measured from the stop
- Requires 2" (51 mm) minimum top rail



### 4040XP-62PA PA shoe

- Required for parallel arm mounting



### 4040XP-30 CUSH shoe support

- Provides anchorage for fifth screw used with CUSH arms, where reveal is less than 3 1/16" (78 mm)
- Optional



### 4040XP-61 Blade stop spacer

- Required to lower parallel arm shoe to clear 1/2" (13 mm) blade stop
- Optional



### 4040XP-419 PA flush panel adapter

- Provides horizontal mounting surface for parallel arm shoe on single rabbeted or flush frame
- Optional

Installation accessories



- 4040XP-62A**  
**Auxiliary shoe**
- Requires a top rail of 7" (178 mm)
  - Shoe replaces -62PA for parallel arm mounting of regular arm with overhead holder/stop
  - Optional



- 4040XP-54**  
**Snap-on cover clip**
- Used to secure 4040XP-72 plastic cover to cylinder body

Fasteners

Self-reaming and tapping screws included standard

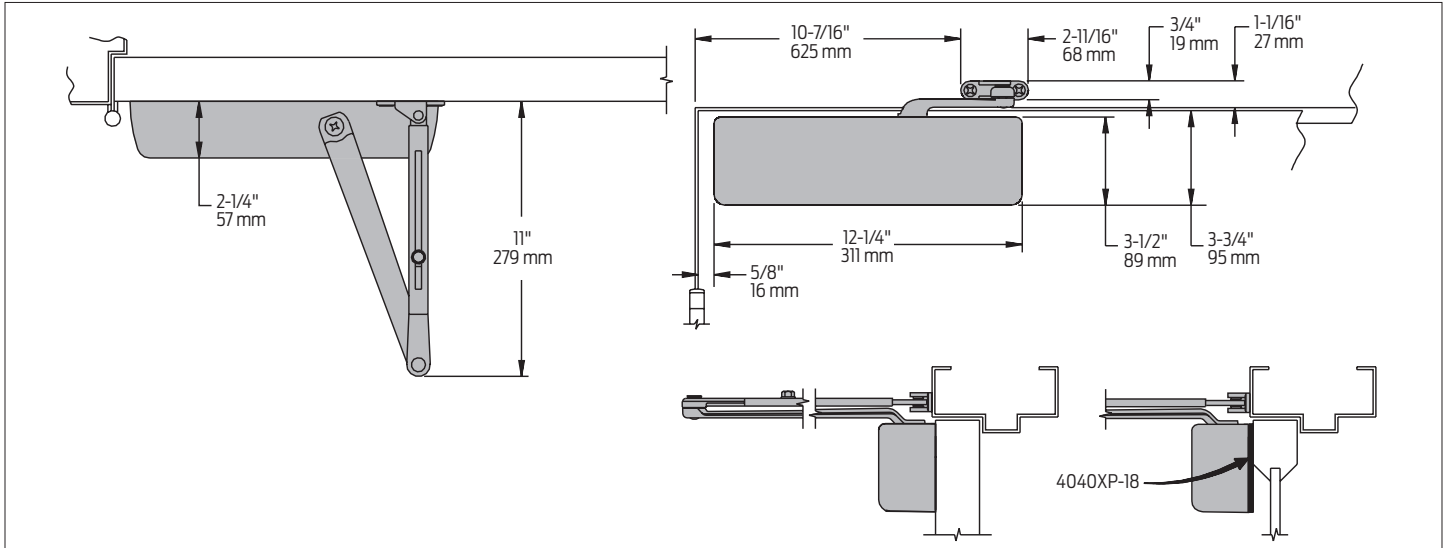
Fastener pack options

TBSRT	TB <sup>1</sup> with self-reaming and tapping screws
WMS	Wood and machine screw
TBWMS	TB <sup>1</sup> , wood and machine screw
TORX	TORX machine screw
TBTRX	TB <sup>1</sup> and TORX machine screw

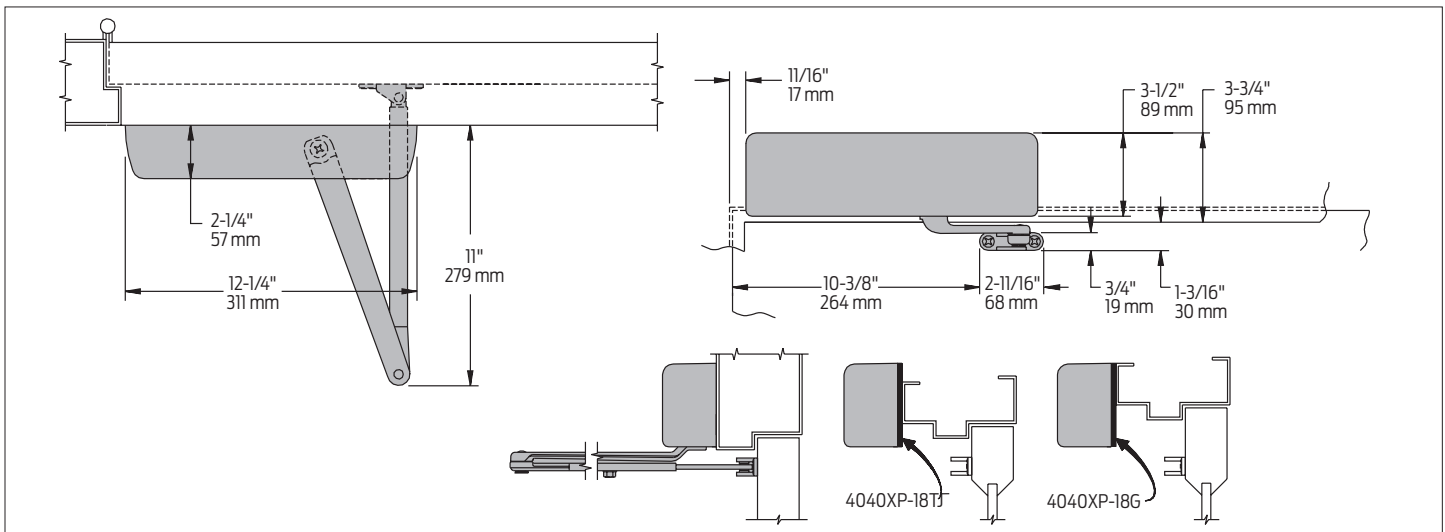
<sup>1</sup>Specify door thickness if other than 1 3/4"

## Dimensions and mounting

### Hinge (pull) side mounting

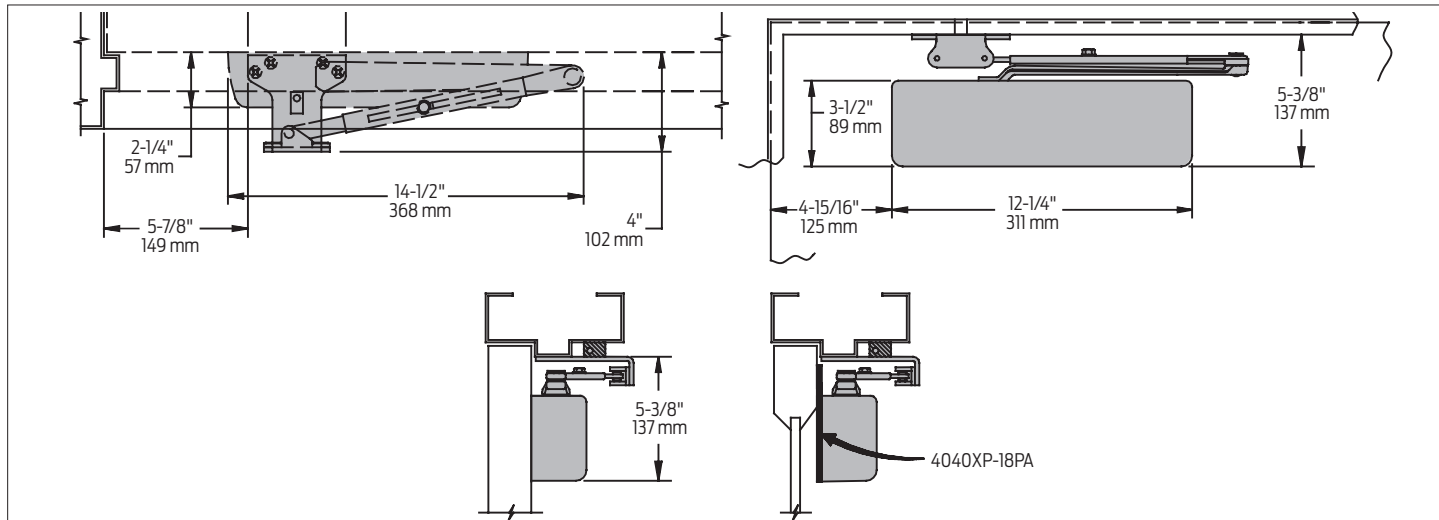


### Top jamb (push side) mounting

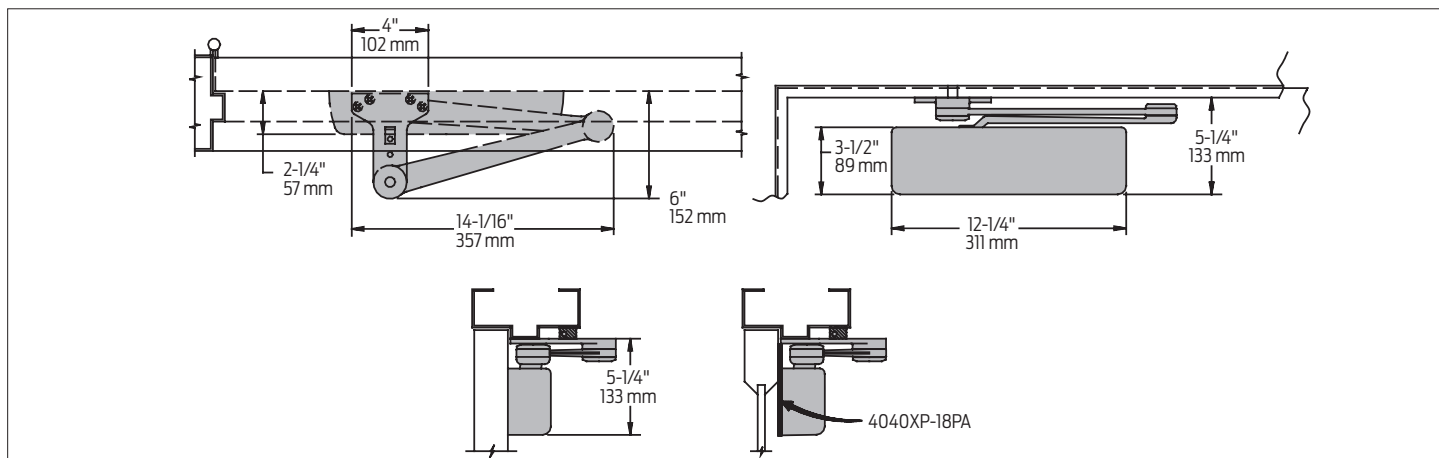


## Dimensions and mounting

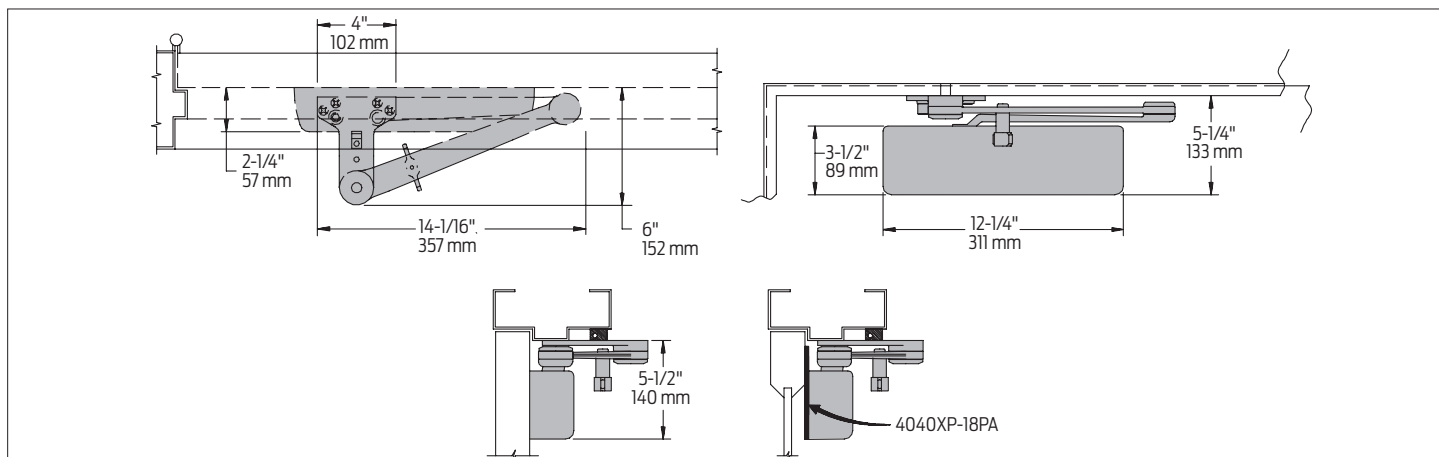
### Parallel arm (push side) mounting



### EDA mount



### CUSH mount



## Specifications

<b>Accessibility</b>	Available with less than 5.0 lbs. opening force on 36" door
<b>Certifications/ approvals</b>	<ul style="list-style-type: none"> <li>Grade 1 – ANSI A156.4</li> <li>UL 10C</li> <li>Meets BAA – Buy American Act</li> </ul>
<b>Degree of operation</b>	<p>Hinge (pull) side</p> <p>Max opening: 120°</p> <p>Hold open: 90–120°</p> <p>Top jamb (push side) mount</p> <p>Max opening: 120°</p> <p>Hold open: 85–120°</p> <p>Parallel arm with 62PA</p> <p>Max opening: 180°</p> <p>Hold open: 180°</p> <p>EDA</p> <p>Max opening: 180°</p> <p>Hold open: 180°</p> <p>Cush and spring cush</p> <p>Max opening: 110°</p> <p>Hold open: 110°</p>
<b>Environmental conditions</b>	<ul style="list-style-type: none"> <li>Approved for interior use</li> <li>Approved for exterior use (SRI coated only)</li> <li>LCN's standard all weather fluid performs to temperature ranges from 120°F (49°C) to -30°F (-35°C)</li> <li>LCN's powder coat finish surpasses 100 hours of salt spray which is over four times the ANSI standard for corrosion resistance.</li> </ul>
<b>Warranty</b>	30 years
<b>Standard features</b>	<p><b>Quality and durability</b></p> <ul style="list-style-type: none"> <li>Cast iron cylinder for rugged performance</li> <li>Single-piece, heat-treated forged steel arms to withstand greater forces</li> <li>Heat-treated 1 1/2" diameter piston for extra hardness and strength</li> <li>Double heat-treated steel pinion 11/16" journal diameter for greater wear-resistance</li> </ul>

## Standard features

- Full complement bearings with minimum 0.5" height to help withstand abuse
- All-weather Liquid X fluid for consistent performance through every season
- Non-PRV (pressure relief valve) design to minimize risk of property damage, injury, increased maintenance, and liability exposure
- Snap-on cover with patent-pending retention improvement to protect the products
- Powder coat finish that lasts longer than spray lacquer
- 30-year warranty

## Ease of installation and adjustment

- Tight tolerances in manufacturing for accuracy and precision
- LCN Green Dial to take the guesswork out of spring force adjustments
- Peel-n-stick template for quick and accurate installation
- Patent-pending positive stop to prevent the screw from being backed out
- Patent-pending regulation valve indicators for visual color indicators
- Independent speed adjustments for greater door control
- Graphic visuals and indicators to make adjustments faster, easier, and consistent
- QR code for on-the-spot access to interactive instructions and tech support

## Flexibility

- Universal non-handed design
- Full ranges of mounts
- Adjustable spring sizes 1–6



8400 Series Protection Plates

- Door protection plates are available in .050" thick brass, stainless steel or aluminum; and 1/8" thick high impact polyethylene in clear or black.
- Bevel edge options; specify B4E for all four edges.
- Mounting screw pack furnished standard, 16 screws per pack. Optional screw packs are available for TEK or TORK screw heads. Refer to the following chart for ordering.
- Specify NMH for no mounting holes. (Not available on 8402)
- Specify NMH-A for no mounting holes with adhesive. (Not available on 8402)
- Specify CS for counter sunk mounting holes.
- Specify ERS prepped with extra row of screws.

**Kickplate Gasket Tape** Tape is recommended when using a brass plate on a metal door to reduce tarnishing from electrolytic oxidation. One tape pack will cover an the perimeters of a 8" x 34" kickplate. Order 8401 Gasket Tape.



8400 Protection Plate  
8402 (UL)\* Protection Plate

*\*UL mark appears in upper right corner. Factory supplied screws must be used.*  
Number of screw packs required by plate size (specify TEK Screws or TORK screws).

	22"-25"	26"-33"	34"-41"	42"-48"
4"-8"	1	1	1	1
9"-16"	1	1	1	1
17"-24"	1	1	1	2
25"-32"	1	1	2	2
33"-40"	1	2	2	2
41"-48"	2	2	2	2

**Finishes brass 24" x 48" max. size**

US Number	US3	US4	US10	US10B	US15	US26	US26D
BHMA	605	606	612	613	619	625	626

**Finishes stainless steel**

US Number	US32	US32D
BHMA	629	630

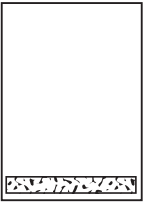

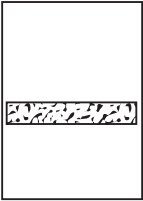
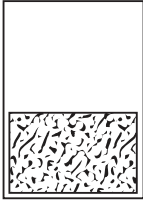
**Finishes aluminum**

US Number	US28
BHMA	628

**Finishes plastic**

Clear and Black

*Residential Grade Kickplates available Carded only, finishes PA28, PA3, PA619, PA716, B3, B505, B619, B716*

<b>A</b> Hinges & Pivots		<b>Mop Plates</b> <ul style="list-style-type: none"> <li>Protect the bottom of the pull side of door subject to cleaning and mopping procedures.</li> <li>Size Ranges: 4" to 6" high, 22" to 48" wide</li> </ul>
<b>B18</b> Pulls & Plates		<b>Kick Plates</b> <ul style="list-style-type: none"> <li>Protect the bottom of the push side of doors subject to scuffing from foot traffic.</li> <li>Recommended for all doors subject to normal use (especially doors using a closer).</li> <li>Size Ranges: 8" to 24" high, 22" to 48" wide</li> </ul>
<b>C</b> Flush Bolts & Coordinators		<b>Stretcher Plates</b> <ul style="list-style-type: none"> <li>Protect doors at specific areas where consistent contact is made by stretchers, service carts or other equipment.</li> <li>Usually applied to push side of doors.</li> <li>Specify "B4E" Option for beveled edges.</li> <li>Size Ranges: 6" to 8" high, 22" to 48" wide</li> </ul>
<b>D</b> Latches, Catches & Bolts		<b>Armor Plates</b> <ul style="list-style-type: none"> <li>Protect lower half of doors from abuse by hard carts, trucks and rough usage.</li> <li>Usually applied to push side of single doors and both sides of double acting doors.</li> <li>Size Ranges: 26" to 48" high, 22" to 48" wide</li> </ul>
<b>E</b> Stops		
<b>F</b> Exterior Hardware		
<b>G</b> Miscellaneous Hardware		



### FS18S FS18L Floor Stops

- Security Door Stops designed for use in high vandalism areas.
- Molded from black flame resistant, resilient material around a heavy-duty stud.
- Once grouted in concrete, leaves no exposed fasteners to be tampered with or removed.
- Ideal for jail or security cell areas where floor mounted stops are required.
- FS18L also ideal for concrete wall applications.

#### Dimensions

FS18S Height: 1-1/2"

FS18L Height: 3-1/2"

FS18S Diameter: 2"

FS18L Diameter: 2"

FS18S Stud Length: 2-1/2"

FS18L Stud Length: 2-1/2"

### FS434 Floor Stop

- Burnished wrought steel.
- For undercut doors up to 1-1/2".
- Packed with screws and plastic anchors.
- Replaceable soft, resilient gray rubber.

#### Dimensions

Overall Height: 2-5/8"

Base Size: 1-1/2" W x 2-3/4" L

#### Finishes

Ives Number	USC
BHMA	604

### 430 Floor Door Stop

- Burnished wrought steel.
- For undercut doors up to 1-1/2".
- Packed with screws and plastic anchors.
- Replaceable soft, resilient gray rubber.

#### Dimensions

Overall Height: 1-5/16"

Base Diameter: 1-1/4"

#### Finishes *brass*

Ives Number	B3	B4	B5	B10B	B15	B26	B26D
BHMA	605	606	609	613	619	625	626

#### Finishes *aluminum*

Ives Number	A3*	A5	A14	A92
BHMA	666		669	673

\* only available in Slim-Pak of 25

A  
Hinges & Pivots

B  
Pulls & Plates

C  
Flush Bolts & Coordinators

D  
Latches, Catches & Bolts

E5  
Stops

F  
Exterior Hardware

G  
Miscellaneous Hardware



FS436  
Meets ANSI/BHMA 156.16, L12141 for brass  
or bronze and L32141 for aluminum.



FS438  
Meets ANSI/BHMA 156.16, L12141 for brass  
or bronze and L32141 for aluminum.

### FS436 Dome Stop

### FS438 Dome Stop

- FS436 for doors without threshold.
- FS438 for doors with threshold or undercut doors.
- Heavy-Duty Cast Dome Stops constructed of brass, bronze or aluminum.
- Packed with wood screw and plastic anchor.

Replaceable gray, non-marring rubber bumper.

#### Dimensions

##### FS436

Overall Height: 1"

Base Height: 3/16"

Base Diameter: 1-3/4" x 2" Oval

##### FS438

Overall Height: 1-3/8"

Base Height: 9/16"

Base Diameter: 1-3/4" x 2" Oval

#### Finishes *brass*

Ives Number	US3	US4	US5	US10	US10B	US15	US26	US26D	B716
BHMA	605	606	609	612	613	619	625	626	

#### Finishes *aluminum*

Ives Number	US28
BHMA	628



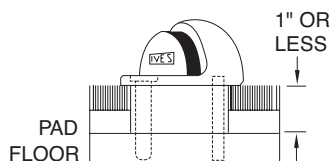
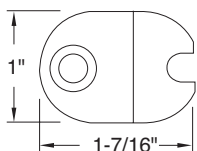
### R435 Riser for FS436 Dome Stop

### R437 Riser for FS438 Dome Stop

- Extruded aluminum, mill finish.
- R435 for conversion of FS436 Dome Stop to carpet installation.
- R437 For conversion of FS438 Dome Stop to carpet installation.
- Packed with wood screws, lead shield and stud.
- Specify Tampin (TPN) if required.

#### Dimensions

Available in 1/4", 3/8", 1/2", 5/8", 3/4" and 1" height.



A  
Hinges & Pivots

B  
Pulls & Plates

C  
Flush Bolts & Coordinators

D  
Latches, Catches & Bolts

E3  
Stops

F  
Exterior Hardware

G  
Miscellaneous Hardware



2720 Tobey Drive, Indianapolis, IN 46219  
Tel 1-877-671-7011 ■ Fax 800-851-0000  
Zero.Customer.Support@allegion.com  
[www.zerointernational.com](http://www.zerointernational.com)

Part No:

142 Rain drip

Part description:

Accessories & options

Notes:

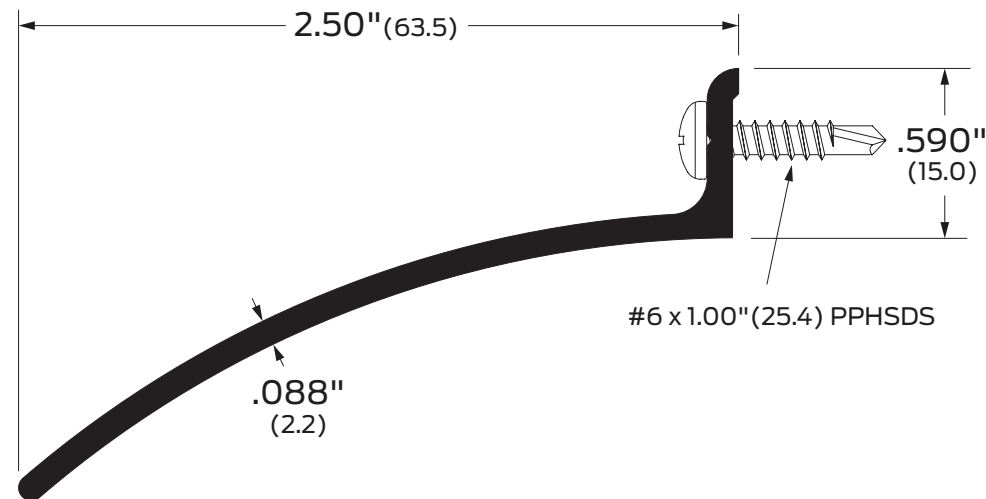
Provided by:

Customer name:

Job no:

Date:

Image may not be shown to scale



Certifications:



Fire rated-UL10c

ANSI/BHMA:

142AA, 142BK, 142D, 142G

R3Y976

Finishes:

**AA** Aluminum clear anodized  
**BK** Aluminum black anodized  
**D** Aluminum dark bronze anodized  
**G** Aluminum gold anodized

Options:

**SEC** Security screws





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Part No:

188S

Part description:

Self-adhesive weatherstripping

Notes:

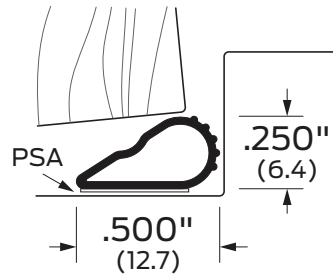
Provided by:

Customer name:

Job no:

Date:

Image may not be shown to scale



Notes:

PSA standard. 20-minute fire rating.

Certifications:



Fire rated-UL10c



Smoke and draft control



Air Infiltration



Sound

ANSI/BHMA:

188S

ROE151



Finishes:

**BK** Black  
**BR** Brown  
**CL** Clear  
**GY** Gray  
**WH** White

Options:

**ZAG** Ligature resistant gasketing



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Part No:

328

Part description:

Head & jamb gasketing,  
door sweep, meeting stile

Notes:

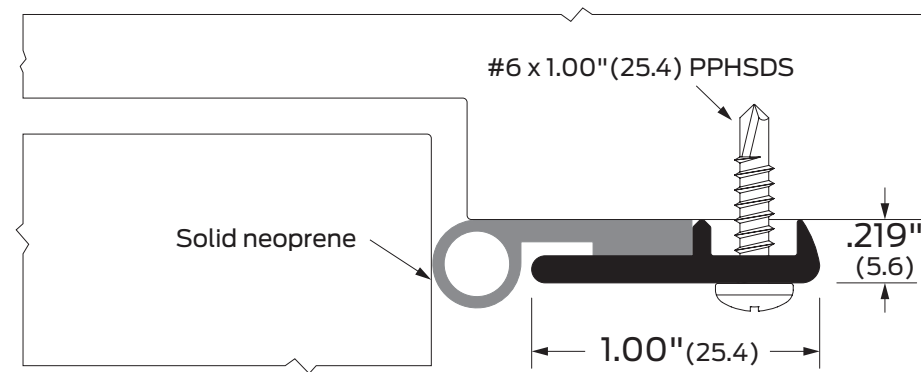
Provided by:

Customer name:

Job no:

Date:

Image may not be shown to scale



Notes:

ZAG option for mental health applications includes security screws

Certifications:

- Fire rated-UL10c
- Smoke and draft control (as head & jamb, door sweep)
- Air Infiltration (as head & jamb)
- Sound

ANSI/BHMA:

328AA, 328BK,  
328D, 328G  
328B

R3B164, R3B434, R3B735  
R1B164, R3B434



Finishes:

- AA** Aluminum clear anodized
- BK** Aluminum black anodized
- D** Aluminum dark bronze anodized
- G** Aluminum gold anodized
- B** Bronze, architectural mill finish
- B-ORB** Oil-rubbed bronze

Options:

- ZAG** Ligature resistant gasketing
- S** Order as a set
- SEC** Security screws



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Part No:

429

Part description:

Head & jamb gasketing

Notes:

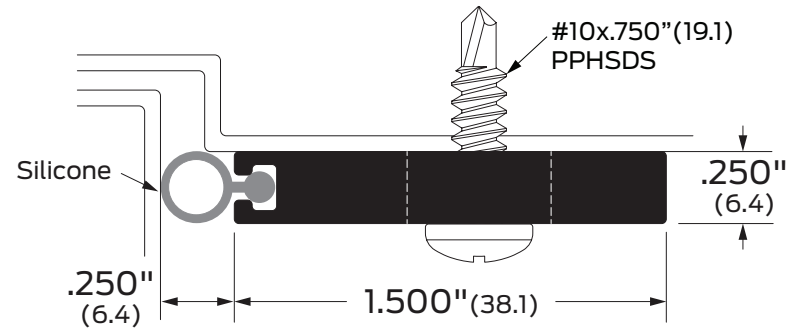
Provided by:

Customer name:

Job no:

Date:

Image may not be shown to scale



Notes:

Gasketing protection for closer bracket or door coordinator.

Certifications:



Fire rated-UL10c



Smoke and draft control

ANSI/BHMA:

429AA, 429BK, 429D, 429G

R3E164

Finishes:

**AA** Aluminum clear anodized  
**BK** Aluminum black anodized  
**D** Aluminum dark bronze anodized  
**G** Aluminum gold anodized

Options:

**S** Order as a set  
**SEC** Security screws







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Part No:

8780N

Part description:

Self-adhesive weatherstripping

Notes:

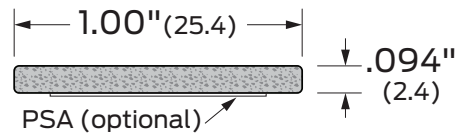
Provided by:

Customer name:

Job no:

Date:

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Notes:  
Mullion seal

Certifications:



Fire rated-UL10c



Smoke and draft control

ANSI/BHMA:

8780N

ROC155

Finishes:

**BK** Black

Options:

**PSA** Pressure-sensitive adhesive

**ZAG** Ligature resistant gasketing

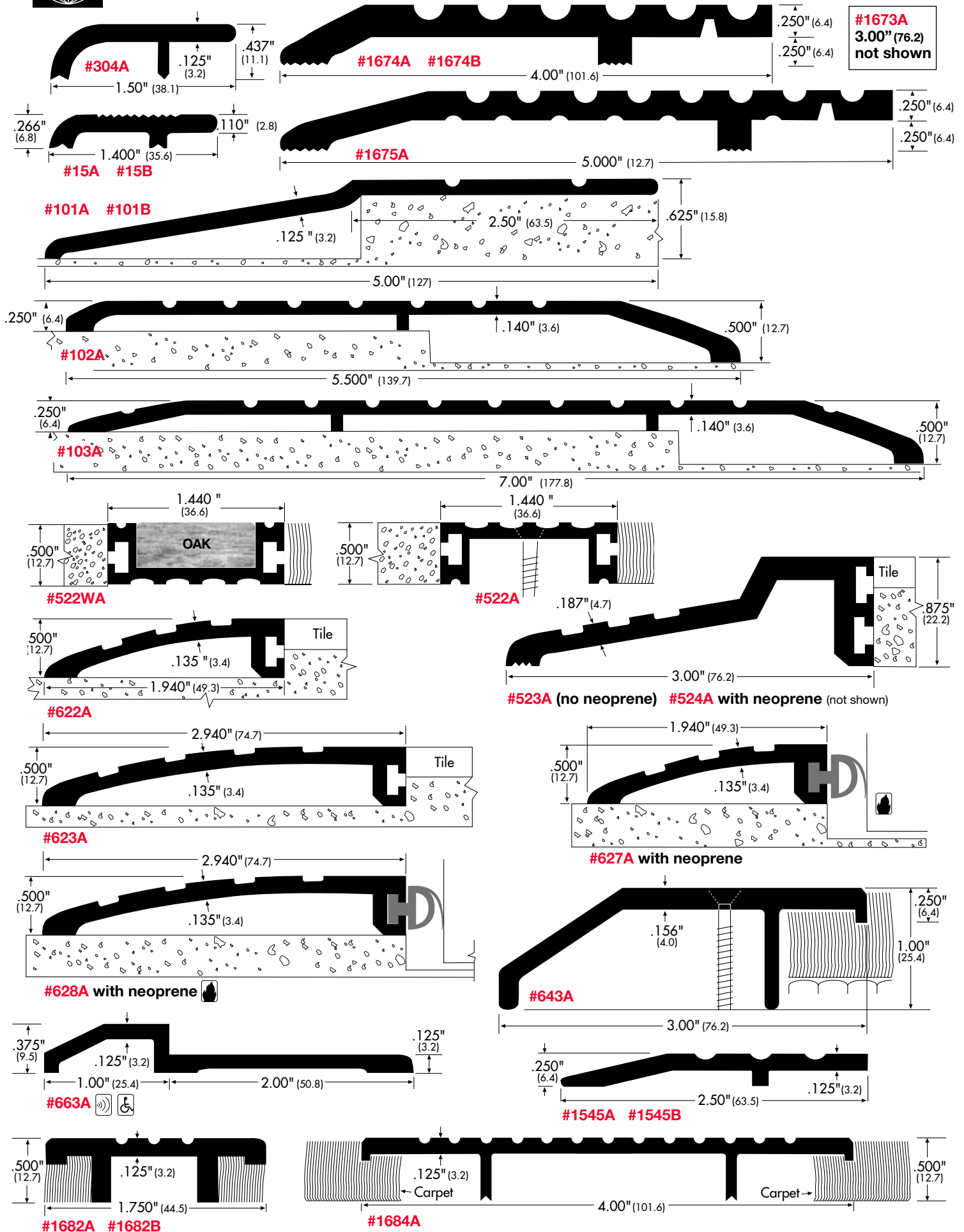




# Carpet Divider, Butt and Transition Saddles

Note: A = Aluminum  
B = Bronze W = Wood  
D = Dr. Bronze Anodized

Saddles





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Part No:

8197

Part description:

Door sweep

Notes:

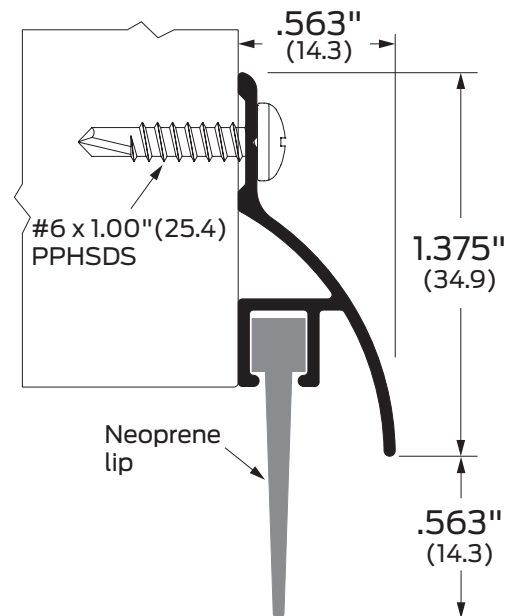
Provided by:

Customer name:

Job no:

Date:

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Certifications:



Fire rated-UL10c

ANSI/BHMA:

8197AA, 8197BK, 8197D, 8197G

R3B536

Finishes:

**AA** Aluminum clear anodized  
**BK** Aluminum black anodized  
**D** Aluminum dark bronze anodized  
**G** Aluminum gold anodized

Options:

**SEC** Security screws





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Part No:

103

Part description:

Offset threshold

Notes:

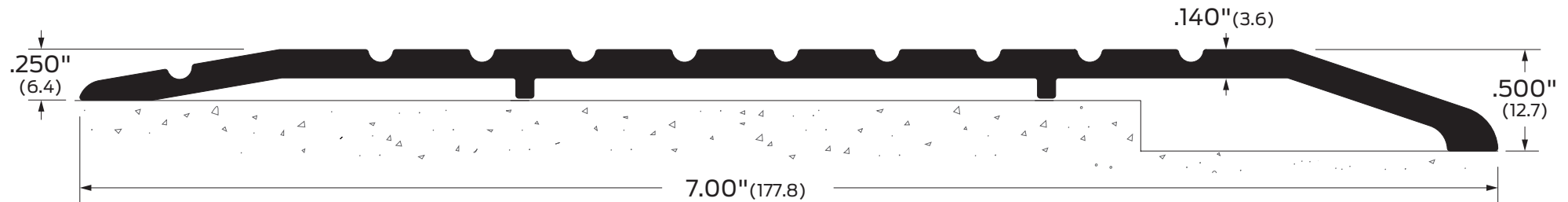
Provided by:

Customer name:

Job no:

Date:

Image may not be shown to scale



Notes:

Handicap offset. Supplied without mounting holes.

Certifications:



Fire rated-UL10c



ADA Accessible

ANSI/BHMA:

103A, 103D, 103G, 103BK

103A-E, 103D-E, 103G-E, 103BK-E

J32180

J32280

Finishes:

A

Aluminum mill finish

BK

Aluminum black anodized

D

Aluminum dark bronze anodized

G

Aluminum gold anodized

Options:

E

Epoxy abrasive tread

EL

Photoluminescent and abrasive epoxy tread





Meets ANSI/BHMA A156.16 L33113

### 405 Coat & Hat Hook

- Wide body design is ideal for public buildings, schools, dormitories, etc., where hook must withstand unusual stress and strain.
- Made from cast aluminum.

#### Dimensions

Base: 1-1/2" High x 7/8" Wide

Projection: 2-1/2"

#### Finishes aluminum

Ives Number	A3	A4	A5	A10	A10B	A14	A92
BHMA	666	667		668	703	669	673



Meets ANSI/BHMA A156.16 L13113 for brass and L33113 for aluminum.

### 571 Coat & Hat Hook

- All-purpose hook in traditional design.
- Made from cast brass, cast aluminum, or epoxy-coated aluminum.

#### Dimensions

Base: 1-3/4" High x 1-1/4" Wide

Projection: 3"

#### Finishes brass

Ives Number	B3	B4	B5	B10B	B15	B15A*	B26	B26D	B716
BHMA	605	606	609	613	619	620	625	626	

#### Finishes aluminum

Ives Number	A3	A5	A10	A14	A15	A92	A716	A-W	A-BLK
BHMA	666		668	669	670	673			

#### Finishes zinc

Ives Number Z619E

BHMA

\* only available in Schlage Carded or Slim-Pak of 25

### 572 Coat & Hat Hook

- Step-up decorative version of the traditional all-purpose hook.
- Ideal for locations where additional strength is required.
- Made from cast brass or cast aluminum.

#### Dimensions

Brass Base: 1-1/2" High x 1-5/16" Wide

Aluminum Base: 1-5/8" High x 1-5/16" Wide

Projection: 3"

#### Finishes brass

Ives Number	B3	B4	B5	B10	B10B	B15	B26	B26D
BHMA	605	606	609	612	613	619	625	626

#### Finishes aluminum

Ives Number	A3	A5	A10	A10B	A14	A15	A92
BHMA	666		668	703	669	670	673

