

SARGENT®

ASSA ABLOY

Specialty Hardware



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Specialty Hardware

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SARGENT®

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Hardwiring Made Easy®



As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the LiteGuide® system, a luminescent egress marking system. LiteGuide® installation is facilitated by ASSA ABLOY's ElectroLynx®, a universal quick-connect system that simplifies the electrification of the door.

ElectroLynx® is a registered trademark of ASSA ABLOY Inc.



MicroShield®

As part of their promise to provide innovative solutions to their customers, certain ASSA ABLOY Group brands offer the MicroShield® technology, a silver-based antimicrobial coating designed to inhibit the growth of bacteria.

MicroShield® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company.

MicroShield® Coating

- Revolutionary finish coating available on all SARGENT product lines, utilizes a silver-based antimicrobial compound from Agion Technologies
- As an integral part of the finish coating, MicroShield® lasts for the life of the hardware
- MicroShield® coating permanently suppresses the growth of bacteria, algae, fungus, mold and mildew. It is effective against a broad spectrum of bacteria.
- Non-toxic and completely safe. The Agion antimicrobial compound is EPA and NSF approved and FDA listed for use in medical and food preparation equipment.
- Applications: Anywhere there is need for a clean environment (hospitals, laboratories, schools, medical centers, daycare, food processing etc.)



Agion has achieved:



Agion's silver antimicrobial has been certified for its material content, recyclability, and manufacturing characteristics. Cradle To Cradle Certified^{CM} products meet established standards for human health, environmental health and recyclability.

Cradle To Cradle Certified^{CM} is a certification mark of MBDC.

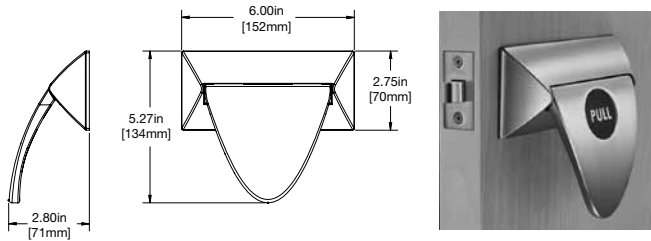
HP Series Push/Pull Bored Lock (ALP) & Options

Specialty Hardware



HP Bored Lock with Push/Pull Trim

The HP Series Bored Lock with ALP push/pull trim has ligature resistant features and provides an aesthetically-pleasing alternative to standard push/pull products. Ease of operation allows its use in many environments, including healthcare and education. The paddle shape and location create a comfortable target for door activation without using hands.



Features

- Paddle trim can be mounted in horizontal (up or down) or vertical (sideways) orientations in the field
- Easy installation
- 15 function trim is non-handed; lockbody is easily field reversible
- Through-bolted trim for stability
- Available in 2-3/4", 5" or 7" backsets
- UL Fire Rating standard
- Torx® and spanner screws optional with ALP
- Lead lining is optional: specify 74- option
- Covers and paddles are cast stainless steel or brass
- Finishes: 03, 04, 09, 10, 10B, 10BL, 14, 15, 20D, 32 & 32D
- Patent Pending

Specifications


| | | | |
|-----------------------|---|--|---|
| Door Thickness | 1-3/4" (44mm) to 1-7/8" (47mm) standard; for doors greater than 1-7/8" (47mm) to 2-1/4" (57mm), specify 31- and door thickness (For thicker doors, consult factory) | | |
| Backset | 5" (127mm) standard. For 2-3/4" (70mm) backset (specify as 24-HP) and 7" (177mm) backset (specify as 26-HP) available on order | | |
| Strike | 2-3/4" (70mm) ANSI A115.2 curved lip strike # 800 | | |
| Bolt | Brass, 1/2" (13mm) throw | | |
| Hand | Specify hand (RHR, RH, LHR or LH) | | |
| Escutcheons | Cast stainless steel or brass | | |
| UL Listed | UL Listed for use on fire doors (4x8 opening) | | |
| Options | Backsets | 24- | 2-3/4" (70mm) backset |
| | | 26- | 7" (177mm) backset |
| | Strikes | 14- | 505 Full Lip Strike |
| | | 28- | 4-7/8" (124mm) ANSI curved lip strike # 808 |
| | | WBS- | Wrought Box Strike |
| | Security Screws | 36- | 6-Lobe Security Head Screws |
| | | 37- | Spanner Security Head Screws |
| | Lead Lining | 74- | Lead lined. Specify Push or Pull side |
| Antimicrobial Coating | SG- | MicroShield® - Antimicrobial clear powder coat (not available with 10B & 20D finishes) | |
| Markers | P- | Push/Pull Paddle Identification (Non-handed) | |
| Finishes | 03, 04, 09, 10, 10B, 10BL, 14, 15, 20D, 32 & 32D For other finishes consult factory | | |
| Finish Protection | CPC- | Clear Powder Coat | |
| Door Prep | ANSI A115.1 modified per SARGENT standard bored template 4695 | | |

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

How To Order

| SG- | HP | U65 | ALP | 32D | RHR |
|------------------------------|-------------------------|------------------------------|----------------|--|------------------------|
| Option | Series | Function | Trim | Finish | Hand |
| Mechanical Options this page | HP Series Tubular Locks | 15 - Passage 65 - Privacy | Push/Pull Trim | 03, 04, 09, 10, 10B, 10BL, 14, 15, 20D, 32 & 32D | RHR LHR RH LH |

Always specify hand of lock
 - 15 function is Non-Handed
 - 5" Backset standard with square corner front, 2-1/4" x 1-1/8"

| Series and Function | Descriptions |
|---|--|
| HPU15 Passage Set | - Both paddles retract latch - Ideal for patient rooms and closets |
| HPU65 Privacy Set  | - I/S paddle always retracts latch - O/S paddle retracts latch, except when locked by inside push button - Closing door unlocks outside paddle - Includes emergency release - Ideal for bathrooms - Vertical orientation required |

114/115 Series Push/Pull Trim

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Designed for convenience and utility, the 114/115 hospital latches open with a gentle pull or slight push, making them ideal for hands free operation. Both the 114 push-pull and 115 push-pull latch with its low profile helps eliminate any obstruction while passing through an opening. Slim tapered paddles and smartly styled escutcheons possess all the elements of tasteful, yet functional design. The chassis design makes this hospital latch constructed for both durability and ease of install.

Specifications

| | | | |
|---------------|--|--|---|
| For Doors | 1-3/4" (44mm) to 2-1/4" (57mm) | | |
| Backset | 5" (127mm) standard. For 2-3/4" (70mm) backset (specify as 24-115) and 7" (177mm) backset (specify as 26-115) available on order | | |
| Strike | 2-3/4" (70mm) ANSI A115.2 curved lip strike # 800 | | |
| Bolt | Brass, 1/2" (13mm) throw | | |
| Hand | Specify hand (RHR, RH, LHR or LH) | | |
| 114 | Push/Pull Paddles - both mounted down position only. Cast; Projection from door 3-1/4" (83mm) | | |
| 115 | Push Paddle - mounted up position only . Cast; 1-5/8" (41mm) x 4-1/2" (114mm); Projection from door 2-1/2" (64mm) | | |
| 115 | Pull Paddle - mounted down position only . Cast; 1-5/8" x 4-3/4"; Projection from door 2-15/16" | | |
| Escutcheons | Cold drawn; 2-1/2" (64mm) x 6-7/8" (175mm) | | |
| UL Listed | UL Listed for use on fire doors. See Underwriters Laboratories Building Materials List | | |
| Options | Backsets | 24- | 2-3/4" (70mm) backset |
| | | 26- | 7" (177mm) backset |
| | Strike | 28- | 4-7/8" (124mm) ANSI curved lip strike # 808 |
| | | WBS- | Wrought Box Strike |
| | Security Screws | 36- | 6-Lobe Security Head Screws |
| | | 37- | Spanner Security Head Screws |
| | Lead Lining | 74- | Lead lined. Specify Push or Pull side |
| | Antimicrobial Coating | SG- | MicroShield® - Antimicrobial clear powder coat (not available with 10B) |
| | Push/Pull Marking | P- | P- Push/Pull to be stamped on each escutcheon |
| Through Bolts | TB- | Through-bolt pack, specify door thickness: 1-3/4", 2" & 2-1/4" | |
| Finishes | 03, 04, 09, 10, 10B, 15, 26, 26D For other finishes consult factory | | |

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114 Push-Pull



114 latches are mounted in the down position as shown and are available with "PUSH" and "PULL" stamped into the top of the escutcheon.

115 Push-Pull



Designed for convenience and utility, the 114/115 hospital latches open with a gentle pull or slight push, making them ideal for hands free operation. Both the 114 push-pull and 115 push-pull latch with its low profile helps eliminate any obstruction while passing through an opening. Slim tapered paddles and smartly styled escutcheons possess all the elements of tasteful, yet functional design. The chassis design makes this hospital latch constructed for both durability and ease of install.

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8200/7800 Features

Specialty Hardware

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The patented* SARGENT Mortise Locks are designed and constructed with high quality components to provide maximum security, performance and durability. These locks represent over a century of innovation and experience in manufacturing hardware and are the industry's benchmark for mortise locks: Strong - Durable - Flexible - Innovative and Secure.

8237 with ALP trim shown

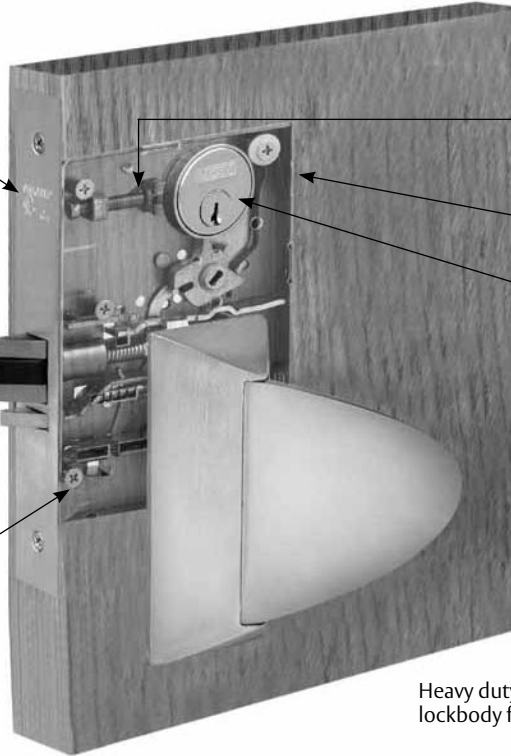
Outside front plate: 1/16" (1.6mm) brass, bronze or stainless steel. Adjustable for door bevels from flat to 1/8" (3mm) in 2" (51mm)

3/4" (19mm) projection stainless steel one-piece latchbolt, reversible without opening case. Anti-friction piece is securely staked in place for quiet operation and prevents scratching of strike plate

Non-handed stainless steel auxiliary deadlatch

Inside front: 1/8" (3mm) cold rolled steel holds lock securely in door

* U.S. Patent Numbers: 5,678,870; 7,188,870 & 7,452,012



Cylinder retainer-two prong grip meets Security Grade 1

Extra strong 7/64" (3mm) steel case for improved impact resistance

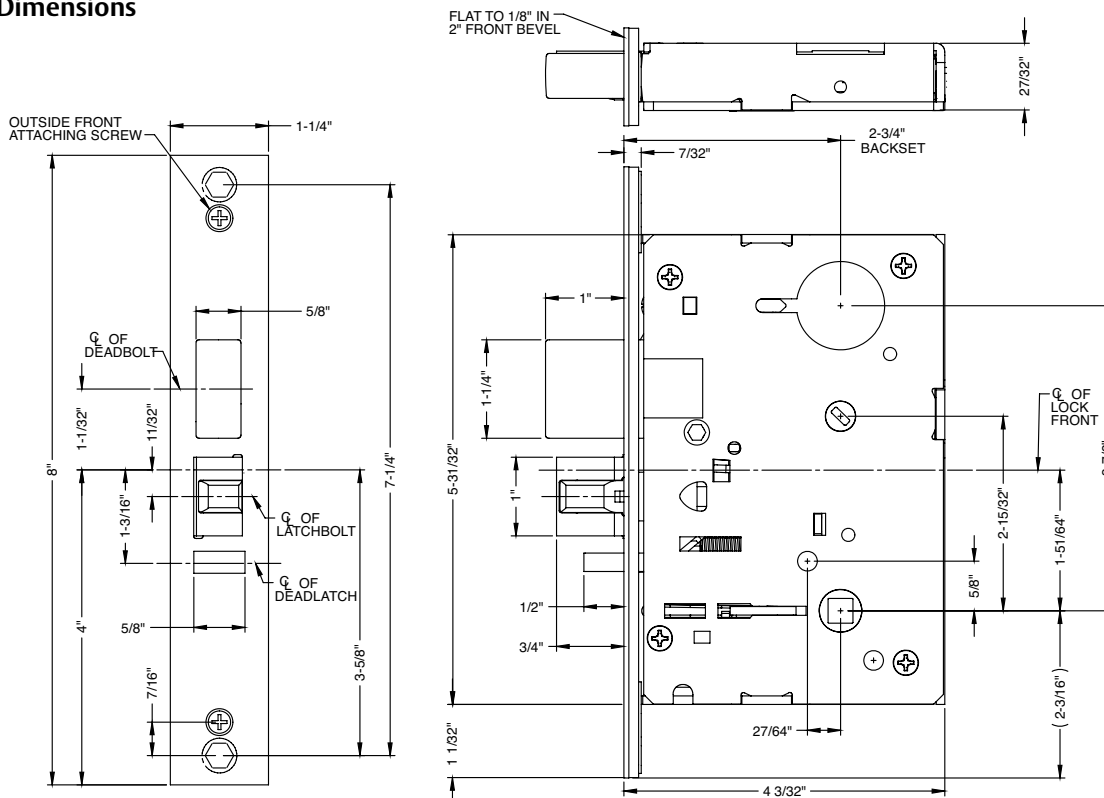
6-pin solid brass cylinder standard; multiple keying systems available

Heavy gauge corrosion resistant parts through out provide security, reliability, durability and longevity



Heavy duty hubs and spring cartridge with in the lockbody for superior strength and cycle life

8200 & 7800 Lockbody Dimensions




8200/7800 and HP Certifications

Specialty Hardware



Certification Compliance for 8200 & 7800 Mortise Locks

| | |
|---|--|
| ANSI/BHMA | Certified to ANSI/BHMA A156.13 Series 1000 Operational Grade 1 and Security Grade 1 with all standard trims. ANSI/ASTM F476-84 Grade 40 with concealed mortise cylinder. Meets or exceeds ASTM F1577-95b paragraph 6.2 detention impact level 1 for deadbolt functions, level 3 for latchbolt only functions. Note: LFIC (Removable) Cylinders and SFIC Cylinders do not meet Security Grade 1 requirements. |
| ADA  | Meets A117.1 Accessibility Code. Meets BOMA International 4.13.8 Complies with American Disability Act; Consult local authorities |
| UL | UL and cUL Listed for use with 3 hour fire "A" label 4 x 10 single and 8 x 10 double and lesser class doors. UL symbol on front stamped letter F indicates listing. |
| Positive Pressure | Meets positive pressure requirements UL 10C and UBC 7-2 (1997) |
| California | California State Reference Code (Formerly Title 19, California State Fire Marshal Standard) |

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

Warranty for 8200 & 7800 Mortise Locks

| | |
|----------|---|
| Warranty | 10 year limited warranty, 2 year limited warranty on electrified locks. Warranty limited to replacement of Lockbody and/or components. |
|----------|---|

Certification Compliance for HP Bored Locks

| | |
|-----------|---|
| ANSI/BHMA | Certified to ANSI/BHMA A156.2 Series 1000 Grade 1 with all standard trims. |
| ADA | Meets A117.1 Accessibility Code. |
| UL | UL and cUL Listed for use on 3 hour fire doors (4 x 8 single and smaller doors). UL symbol on front stamped letter F indicates listing. |

Warranty for HP Bored Locks

| | |
|----------|--|
| Warranty | 1 year limited warranty. Warranty limited to replacement of Lockbody and/or components. |
|----------|--|

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

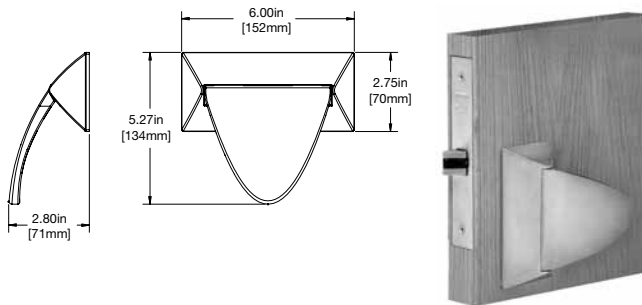
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8200 Series with Push/Pull Trim (ALP)

Specialty Hardware

8200 with Push/Pull Trim (ALP)

The 8200 mortise lock with push/pull trim has ligature-resistant features and provides an aesthetically-pleasing alternative to standard push/pull products. Ease of operation, along with the strength, versatility and integrity of the 8200 mortise lock, allows its use in many types of environments. Perfect for health care facilities, including behavioral health units, patient room doors and operating rooms.



How To Order

| SG-11- Option | 82 Series | 37 Function | ALP Trim | 32D Finish | RHR Hand |
|------------------------------|---------------------------|----------------|----------------|---|-------------|
| Mechanical Options this page | 8200 Series Mortise Locks | See pages 6-11 | Push/Pull Trim | 03, 04, 09, 10, 10B, 10BL, 14, 15, 32 & 32D | RHR |
| | | | | | LHR |
| Cylinder Options page 17 | | | | | RH |
| | | | | | LH |

Note: ALP trim requires a special 8200 mortise lock body, which is shipped automatically when ALP is specified. When ordering a lock body only for use with ALP trim, please refer to your SARGENT Price Book for the correct ordering number.

| 8200 ALP Trim Paddle Orientations based on Function Features | No Cylinder & No Thumb Turn | With Cylinder | With Thumbturn |
|--|-----------------------------|---------------|----------------|
| Horizontal Down | Yes | Yes | Yes |
| Horizontal Up | Yes | No | Yes |
| Vertical | Yes | Yes | Yes |

Features

- Paddle trim can be mounted in horizontal (up or down) and vertical (sideways) orientations in the field
- Easy installation
- Trim is non-handed; lockbody is easily field reversible
- Through-bolted trim for stability
- Torx® and spanner screws optional with ALP
- Lead lining is optional (Lockbody only), specify 74- option
- Covers are cast stainless steel or brass
- Paddles are cast stainless steel or brass
- Finishes: 03, 04, 09, 10, 10B, 10BL, 14, 15, 20D, 32 & 32D
- Patent Pending

Specifications

| | | | |
|-----------------------|---|---|---|
| Door Thickness | 1-3/4" (44mm) to 1-7/8" (47mm) standard; for doors greater than 1-7/8" (47mm) to 2-1/4" (57mm), specify 31- and door thickness (For thicker doors, consult factory) | | |
| Backset | 2-3/4" (70mm) only | | |
| Case | 12 gauge heavy duty wrought steel, zinc dichromate plated. Thickness 7/64" (3mm) (.109") | | |
| Outside Front Plate | Brass, bronze or stainless steel. 8" (203mm) x 1-1/4" (31mm), ANSI Standard A115.1. Adjustable at any angle from flat to beveled 1/8" (3mm) in 2" (51mm) | | |
| Springs | High carbon steel | | |
| Latchbolt | Stainless steel 3/4" (19mm) projection one-piece, anti-friction reversible latch | | |
| Auxiliary Deadlatch | Stainless steel, non-handed | | |
| Deadbolt | One-piece hardened stainless steel, with 1" (25mm) projection | | |
| Hand | Hand | | |
| Mechanical Options | Cylinders | Cylinder Options see page 18 | |
| | Strikes | 23- | 4-7/8" (124mm) ANSI Strike with 1-1/8" (29mm) Flat Lip |
| | | OBS- | Open Back Strike |
| | | WBS- | Wrought Box Strike |
| | Thick Doors | 31- | For Doors Thicker than 1-7/8" to 2-1/4"; specify 31- and door thickness |
| | Security Screws | 36- | 6 Lobe head security screws (Torx® type) |
| | | 37- | Spanner head security screws |
| | Indicators | 49- | Visual Status Indicator or Occupancy Indicator w/Emergency Release |
| | | 50- | Secured Indicator |
| | Lead Lining | 74- | Lock case wrapped in lead (specify hand) |
| Antimicrobial Coating | SG- | MicroShield® - An antimicrobial clear powder coat (not available with 10B & 20D finishes) | |
| Markers | P- | Push/Pull Paddle Identification (Non-handed) | |
| Strike | Brass, bronze or stainless steel; ANSI Standard A115.1; curved lip, non-handed (strike box optional) | | |
| Keys | Two, nickel silver (control key or emergency key must be ordered when required) #41 (1-1/8") cylinder supplied standard | | |
| Masterkeying | Can be masterkeyed or grand masterkeyed. Construction keying available | | |
| Stile | 4-1/2" (114mm) minimum stile | | |
| Door Prep | ANSI A115.1 modified per SARGENT standard mortise template A7057 | | |

Packaging

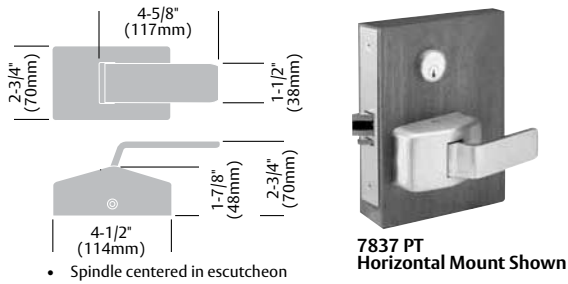
| | | |
|------------|------------------------------|--------------|
| 8205 x ALP | approx. 6.1 lbs. (2.7kg)/box | 6 boxes/case |
|------------|------------------------------|--------------|

7800 Series with Push/Pull Trim (PT)

Specialty Hardware

7800 Push/Pull Trim (PT)

The Push/Pull design known for its ease of operation is coupled with the strength and integrity of a mortise lock to provide greater versatility. The trim, commonly used in hospitals and health care facilities, can now service conference rooms, handicapped restrooms, laboratories and pharmaceutical facilities that require more durability and security features than a cylindrical lock can provide.



How To Order

| SG-11- Option | 78 Series | 37 Function | PT Trim | 32D Finish | RHR Hand |
|------------------------------------|---------------------------------|----------------------|-------------------|---|-------------|
| Mechanical Options this page | 7800 Series Mortise Locks | See pages 6-11 | Push/Pull Trim | 03, 04, 09, 10, 10B, 10BL, 20D, 32 & 32D | RHR |
| Cylinder Options page 17 | | | | | LHR |
| | | | | | RH |
| | | | | | LH |

Note: The PT trim is always supplied with an 7800PT mortise lockbody, all mortise lockbodies are labeled for ease of identification. When ordering lockbody only for PT trim, always specify 7800PT lockbody.

Features

- Paddle trim orientation can be mounted in vertical (up or down) and horizontal positions as a standard product, no need for specifying mount positions on order
- Down or horizontal paddle orientation is required for cylinder side of door and if thumb turn is used
- U.S. Patent No. 6,398,274
- Easy installation
- Handing is easily field reversible
- Through-bolted trim for stability
- 6 Lobe security type screws (Torx®) standard for PT trim
- Engraving on paddle – consult factory
- Lead lining is optional (Lockbody only), specify 74- option
- Covers are heavy wrought stainless steel, brass or bronze
- Paddles are cast stainless steel, brass or bronze
- Finishes: 3, 4, 9, 10, 10B, 10BL, 20D, 32, 32D

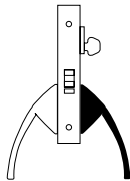
Specifications

| | | | | |
|-----------------------|--|---|--|--|
| For Doors | Door thickness 1-3/4" (44mm) to 2" (51mm) standard with adaptable spindle. For thicker doors, consult factory. | | | |
| Backset | 2-3/4" (70mm) only | | | |
| Case | 12 gauge heavy duty wrought steel, zinc dichromate plated. Thickness 7/64" (3mm) (.109") | | | |
| Outside Front Plate | Brass, bronze or stainless steel. 8" (203mm) x 1-1/4" (31mm), ANSI Standard A115.1. Adjustable at any angle from flat to beveled 1/8" (3mm) in 2" (51mm) 1/8" (3mm) in 2" (51mm) | | | |
| Springs | High carbon steel | | | |
| Latchbolt | Stainless steel 3/4" (19mm) projection one-piece, anti-friction reversible latch | | | |
| Auxiliary Deadlatch | Stainless steel, non-handed | | | |
| Deadbolt | One-piece hardened stainless steel, with 1" (25mm) projection | | | |
| Hand | Specify hand on order; easily field reversible | | | |
| Mechanical Options | Cylinders | Cylinder Options see page 18 | | |
| | Strikes | 23- | 4-7/8" (124mm) ANSI Strike with 1-1/8" (29mm) Flat Lip | |
| | | OBS- | Open Back Strike | |
| | | WBS- | Wrought Box Strike | |
| | Security Screws | 37- | Spanner head security screws | |
| | Lead Lining | 74- | Lock case wrapped in lead (specify hand) | |
| Antimicrobial Coating | SG- | MicroShield® - An antimicrobial clear powder coat (not available with 10B & 20D finishes) | | |
| Strike | Brass, bronze or stainless steel; ANSI Standard A115.1; curved lip, non-handed (strike box optional) | | | |
| Keys | Two, nickel silver (control key or emergency key must be ordered when required) | | | |
| Masterkeying | Can be masterkeyed or grand masterkeyed. Construction keying available | | | |
| Stile | 5" (127mm) minimum stile for 7800 Push/Pull Trim | | | |
| Door Prep | ANSI A115.1 modified per template (see template 4512 only) | | | |

Single Cylinder without Deadbolt

04 Storeroom or Closet

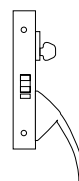
8200 ALP & 7800 PT



- Key outside retracts latchbolt
- Trim outside locked at all times
- Trim inside always retracts latchbolt
- Auxiliary deadlatch
- A Multi-Function Lock Body
- **ANSI F07**

36 Closet

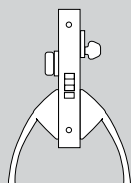
8200 ALP



- Key locks and unlocks trim
- No inside trim or cylinder
- A Multi-Function Lock Body
- Auxiliary dead latch

*05 Office or Entry

8200 ALP & 7800 PT



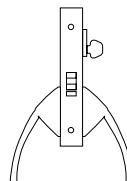
- Key outside retracts latchbolt, also locks & unlocks outside trim
- Trim inside always retracts latchbolt, trim outside remains locked
- Thumbturn inside locks & unlocks outside trim
- Auxiliary deadlatch
- A Multi-Function 8200 ALP/7800 PT Lock Body
- **ANSI F04**

The Multi-Function Advantage:

1. 05 function can be used as an 04, 15 & 37 functions without additional parts.
2. By adding an additional cylinder, an 05 function can be used as a 17 or 38 function lock.
3. By adding a Trim One Side Kit, an 05 function can be used as an 06, 13, 31 & 36 functions (Not available with 7800PT).

37 Classroom

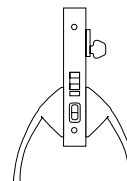
8200 ALP & 7800 PT



- Key outside retracts latchbolt, also locks & unlocks outside trim
- Trim inside always retracts latchbolt
- Auxiliary deadlatch
- A Multi-Function Lock Body
- **ANSI F05**

55 Office or Entry

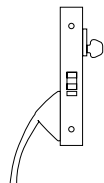
8200 ALP



- Key outside retracts latchbolt
- Trim inside always retracts latchbolt, outside trim remains locked
- Trim outside is locked & unlocked by the toggle only

06 Storeroom or Service

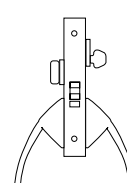
8200 ALP



- No trim outside, cylinder only
- Key outside retracts latchbolt
- Trim inside always retracts latchbolt
- Auxiliary deadlatch
- Same as 04 Function without trim outside

56 Office & Inner Entry Lock

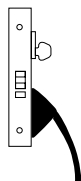
8200 ALP



- Key outside retracts latchbolt
- Trim inside always retracts latchbolt and unlocks outside trim
- Trim outside is locked by thumbturn or key
- Auxiliary deadlatch

31 Utility

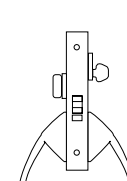
8200 ALP



- Key outside retracts latchbolt
- Trim outside is always locked
- No inside trim or cylinder
- A Multi-Function Lock Body
- Auxiliary deadlatch

67 Institutional Privacy

8200 ALP



- Key outside retracts latchbolt, overriding thumbturn when held in locked position
- Thumbturn inside locks & unlocks outside trim
- Trim outside unlocks when the door closes or by operating trim inside
- Trim inside always retracts latchbolt
- Auxiliary deadlatch
- **ANSI F26**

Note: Key does not lock trim outside, only unlocks it

CAUTION: Not recommended for use on any door used for Life Safety egress



If shaded, trim rigid at all times

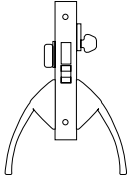
NOTE: Paddle orientation on this page is only a representation of the product; all functions can be used with paddles in any orientation.

Single Cylinder with Deadbolt

♦24 Room Door

8200 ALP & 7800 PT

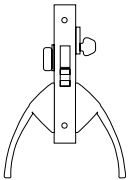
- Key outside or thumbturn inside retracts and projects deadbolt
- Trim either side retracts latchbolt
- Latchbolt & deadbolt operate independently of each other
- ANSI F21



25 Dormitory or Exit

8200 ALP

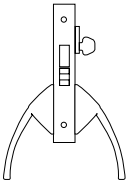
- Key outside or thumbturn inside retracts and projects deadbolt
- Trim from either side retracts latchbolt, when the deadbolt is in the retracted position
- Trim outside is locked, when the deadbolt is projected
- When deadbolt is projected, Trim inside retracts latchbolt and deadbolt simultaneously, unlocking outside trim
- ANSI F13



♦27 Closet or Storeroom

8200 ALP

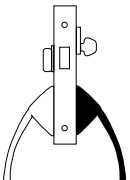
- Key outside retracts and projects deadbolt
- Trim from either side retracts latchbolt
- Same as 24 function without thumbturn
- Latchbolt & deadbolt operate independently of each other



28 Dummy Trim Deadlock

8200 ALP

- Deadbolt operation only
- Key outside retracts and projects deadbolt
- Trim inside always retracts deadbolt
- Trim outside is always locked
- Thumbturn inside retracts and projects deadbolt



♦CAUTION: Not recommended for use on any door used for Life Safety egress

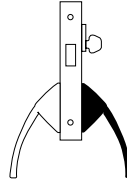


If shaded, trim rigid at all times

30 Dummy Trim Deadlock

8200 ALP

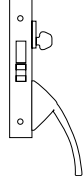
- Deadbolt operation only
- Key outside retracts and projects deadbolt
- Trim inside always retracts deadbolt
- Trim outside is always locked
- Same as 28 Function without a thumbturn



♦35 Storeroom

8200 ALP

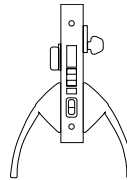
- Key outside retracts and projects deadbolt
- Trim outside retracts latchbolt, except when deadbolt is projected
- No inside trim or cylinder



43 Apartment Corridor Door

8200 ALP & 7800 PT

- Key and thumbturn both retract & project the deadbolt
- Trim outside is locked by toggle or projecting deadbolt
- Trim outside is unlocked by toggle only
- Key retracts both latchbolt and deadbolt, trim outside remains locked
- Trim inside always retracts latchbolt (and deadbolt simultaneously), trim outside remains locked
- Auxiliary deadlatch
- ANSI F20



Functions & Descriptions

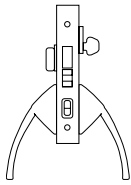
Specialty Hardware

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45 Dormitory or Exit

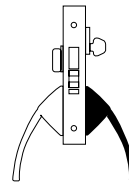
8200 ALP & 7800 PT



- Key and thumbturn both retract & project deadbolt
- Trim outside is locked by toggle or projecting deadbolt
- Trim outside is unlocked by toggle only
- Key retracts both latchbolt and deadbolt, trim outside remains locked
- Trim inside always retracts latchbolt (and deadbolt simultaneously), trim outside remains locked
- Same as an 8243 without auxiliary deadlatch
- **ANSI F12**

50 Hotel Guest

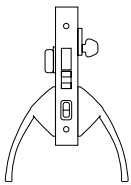
8200 ALP & 7800 PT



- Hotel Cylinder (50 Function) Required (Standard & Emergency Keys)
- Standard Key retracts latchbolt only, will not retract or project deadbolt
- Emergency Key will retract latchbolt & deadbolt and also project deadbolt
- Thumbturn retracts & projects deadbolt
- Trim inside retracts latchbolt & deadbolt simultaneously
- Trim outside is always locked
- Auxiliary deadlatch
- Available with Conventional, LFIC (60- & 63-) and Keso (82- & F1-82-) key systems
- **ANSI F15**

+47 Front Door or Apartment Corridor Door

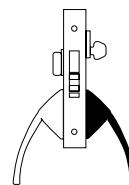
8200 ALP



- Key and thumbturn both retract & project deadbolt
- Trim outside is locked by toggle or projecting deadbolt
- Trim outside is unlocked by toggle only
- Key retracts both latchbolt and deadbolt, trim outside remains locked
- Trim inside retracts latchbolt only, deadbolt is retracted manually & trim outside remains locked
- **ANSI F08/F10**

51 Storeroom Deadbolt

8200 ALP

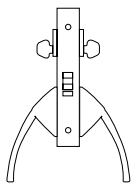


- Key and thumbturn both retract & project the deadbolt
- Key will also retract latchbolt
- Trim inside retracts latchbolt & deadbolt simultaneously
- Trim outside is always locked
- Auxiliary deadlatch
- Same as 50 function with a std cylinder

Double Cylinder without Deadbolt

16 Apartment, Exit or Public Restroom

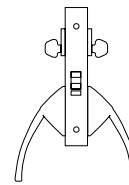
8200 ALP & 7800 PT



- Key outside retracts latchbolt
- Key inside is required to lock and unlock trim outside
- Trim inside always retracts latchbolt
- Auxiliary deadlatch
- Special -105 cam, required for inside cylinder (supplied)
- **ANSI F09**

38 Classroom Security Intruder Latchbolt

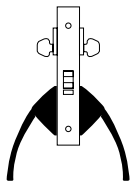
8200 ALP & 7800 PT



- Key from either side locks & unlocks outside trim
- Key from either side retracts latchbolt
- Trim outside retracts latchbolt, except when locked
- Trim inside always retracts latchbolt
- Auxiliary deadlatch
- **ANSI F32**

17 Asylum or Institutional

8200 ALP & 7800 PT



- Key from either side retracts latchbolt
- Trim on both sides are locked at all times
- Auxiliary deadlatch
- **ANSI F30**

⚠ **CAUTION:** Not recommended for use on any door used for Life Safety egress

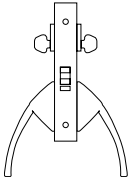


If shaded, trim rigid at all times

NOTE: Paddle orientation on this page is only a representation of the product; all functions can be used with paddles in any orientation.

†59 Double Locking

8200 ALP



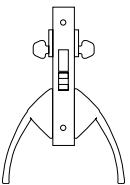
- Key from either side locks & unlocks both the inside & outside trims
- Key from either side retracts latchbolt

- Key from either side can retract latchbolt without unlocking trims
- Auxiliary deadlatch

Double Cylinder with Deadbolt

†26 Store Door

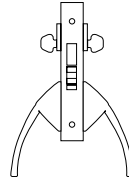
8200 ALP & 7800 PT



- Key from either side retracts & projects deadbolt
- Trim from either side retracts latchbolt
- Latchbolt and deadbolt are independent of each other
- **ANSI F14**

40 Classroom Security Intruder Deadbolt

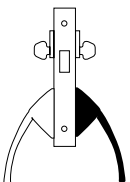
8200 ALP



- Key either side retracts or projects deadbolt which also unlocks or locks outside trim
- Trim outside retracts latchbolt, except when locked
- Trim outside is only locked by projecting the deadbolt
- Trim inside retracts both latchbolt and deadbolt simultaneously, and unlocks outside trim
- Auxiliary deadlatch
- Same as an 8239 with Auxiliary deadlatch
- **ANSI F34**

29 Dummy Trim Deadlock

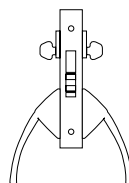
8200 ALP



- Deadbolt operation only
- Key on either side retracts & projects deadbolt
- Trim inside retracts deadbolt
- Trim outside is always locked

41 Classroom Security Intruder Deadbolt

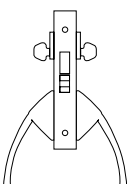
8200 ALP



- Key from either side retracts and projects deadbolt
- When deadbolt is projected, 1st key rotation retracts deadbolt, 2nd key rotation unlocks trim outside
- Key retraction of latchbolt from either side unlocks trim outside
- Trim outside retracts latchbolt, except when locked
- Trim inside (when deadbolt is projected) retracts both latchbolt and deadbolt simultaneously and the outside trim remains locked
- Auxiliary deadlatch

39 Classroom Security Intruder Deadbolt

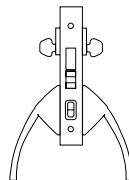
8200 ALP



- Key either side retracts or projects deadbolt which also unlocks or locks outside trim
- Trim outside retracts latchbolt, except when locked
- Trim outside is only locked by projecting the deadbolt
- Trim inside retracts both latchbolt and deadbolt simultaneously, and unlocks outside trim
- **ANSI F33**

46 Dormitory or Exit

8200 ALP



- Key from either side retracts and projects deadbolt
- Key from either side retracts both latchbolt and deadbolt, trim outside remains locked
- Trim outside is locked by toggle or projecting deadbolt
- Trim outside is unlocked by toggle only
- Trim inside (when deadbolt is projected) retracts both latchbolt and deadbolt simultaneously and the outside trim remains locked

†CAUTION: Not recommended for use on any door used for Life Safety egress

If shaded, trim rigid at all times

NOTE: Paddle orientation on this page is only a representation of the product; all functions can be used with paddles in any orientation.

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90772C 06/15/11

Functions & Descriptions

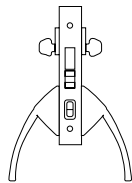
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†48 Store Door

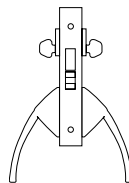
8200 ALP



- Key from either side retracts and projects deadbolt
- Key from either side retracts latchbolt
- Trim outside is locked by toggle or projecting deadbolt and unlocked by toggle only
- Trim inside (when deadbolt is projected) retracts latchbolt only, and outside trim remains locked
- **ANSI F25**

†49 Security Deadbolt

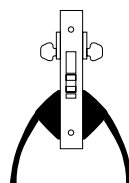
8200 ALP



- Key from either side retracts and projects deadbolt
- Key from either side retracts latchbolt
- Trim inside & outside are locked only when deadbolt is projected

†52 Institutional Deadbolt

8200 ALP

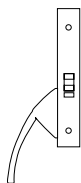


- Key from either side retracts and projects deadbolt
- Key from either side retract latchbolt
- Trim inside and out are always locked
- Auxiliary deadlatch

Non-Keyed

13 Exit Latch

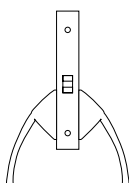
8200 ALP



- No outside trim or cylinder
- Trim inside retracts latchbolt
- Auxiliary deadlatch
- A Multi-Function Lockbody
- **ANSI F31**

15 Passage or Closet

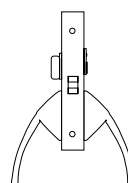
8200 ALP, 7800 PT and HP ALP



- Trim from either side retracts latchbolt at all times
- **ANSI F01**

65 Privacy Bath/Bedroom

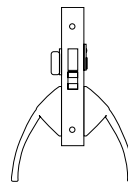
8200 ALP, 7800 PT & HP ALP



- Trim outside retracts latchbolt except when locked by thumbturn
- Trim inside retracts latchbolt and unlocks outside trim
- Emergency Release locks/unlocks trim outside-by coin, screwdriver or Emergency key (14-0057) ordered separately.
- Thumbturn locks and unlocks trim outside
- Closing the door will unlock outside trim
- **ANSI F22**

66 Privacy Bath/Bedroom

8200 ALP



- Trim outside retracts latchbolt except when deadbolt is projected
- Trim inside retracts both latchbolt and deadbolt simultaneously, unlocking the outside trim
- Emergency Release retracts and projects deadbolt-by coin, screw driver or Emergency key (14-0057) ordered separately
- Thumbturn retracts and projects deadbolt
- **ANSI F19**

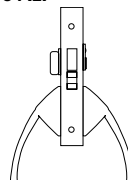
†**CAUTION:** Not recommended for use on any door used for Life Safety egress



If shaded, trim rigid at all times

68 Privacy Bath/Bedroom

8200 ALP



- Trim from either side retracts latchbolt at all times
- Thumbturn retracts and projects deadbolt
- Emergency release retracts and projects deadbolt-by coin, screwdriver or Emergency key (14-0057) ordered separately
- Latchbolt and deadbolt are independent of each other
- **ANSI F02**

NOTE: Paddle orientation on this page is only a representation of the product; all functions can be used with paddles in any orientation.

Electrical Functions and Requirements

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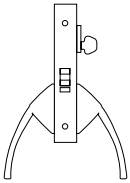
SARGENT 8200 Electromechanical Mortise locks are designed to handle single opening, stand alone applications, or can be readily integrated into sophisticated access control systems. They meet ANSI/BHMA A 156.13 Grade 1 requirements, are UL listed on fire doors, and satisfy industry standards for operating temperature, shock and fire hazard.

Electromechanical Functions

70 Electrical (Fail Safe)

71 Electrical (Fail Secure)

8200 ALP

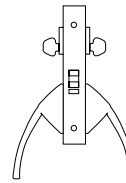


- 70 function- Power ON, locks outside trim (by solenoid)
- 71 function- Power ON, unlocks outside trim (by solenoid)
- Always specify voltage: 12VDC or 24VDC
- Key outside retracts latchbolt
- Trim outside retracts latchbolt except when locked
- Trim outside can only be locked & unlocked with the solenoid
- Trim inside always retracts latchbolt
- Auxiliary deadlatch

72 Electrical (Fail Safe)

73 Electrical (Fail Secure)

8200 ALP



- 72 function- Power ON, locks both trims (by solenoid)
- 73 function- Power ON, unlocks both trims (by solenoid)
- Always specify voltage: 12VDC or 24VDC
- Key on either side retracts latchbolt
- Trim from either side retracts latchbolt, except when trims are locked
- Both trims can only be locked & unlocked with the solenoid
- Trims can not be locked separately, only together
- Auxiliary deadlatch

Electrical Requirements for Solenoid Functions:

Voltage: 12VDC or 24VDC Regulated. Full wave rectification installed inside the lockbody.

Current: .25A at 24VDC or .5A at 12VDC

Operating Temp.: Max. 151°F (66°C),

Min -31°F (-35°C)

UL and CUL listed for use on Fire Doors

Note: Repeated operation at voltage exceeding +/- 10% is not recommended.

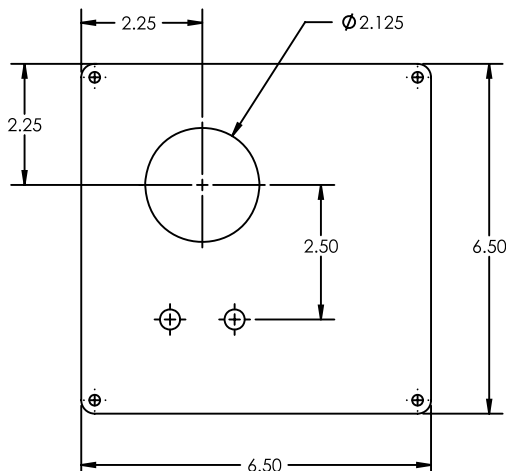
Warning:

- **Do not** connect locks to a circuit sharing an additional electromagnetic device as the lock may be damaged
- Transient voltage must be suppressed at the source or before connecting with the lock
- Varistor rated at 35 volts (peak) may be used for transient voltage protection

Note: Opening the lockbody or replacing of the solenoid by non-authorized personnel voids UL label and lock warranty.

549 Kit for Retrofitting ALP Push/Pull Trim

Contains 2 retrofit plates and 8 screws. Use to cover prep from 114/115 and PT push/pull trim, as well as other manufacturer's trim, when retrofitting ALP trim. Available in 32D finish standard. Order kit #549.



⚠ **CAUTION:** Not recommended for use on any door used for Life Safety egress

NOTE: Paddle orientation on this page is only a representation of the product; all functions can be used with paddles in any orientation.

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90772C 06/15/11

Power Supplies and Requirements

Specialty Hardware

Requirements for Electrical and Data Transfer

To answer the demand for “smart” electronic access control and locking solutions that require fast, easy, and cost-effective installation, ASSA ABLOY Group brands use the ElectroLynx® standardized plug-in connectors and color-coded wiring system.

With ElectroLynx, doorway components come pre-wired for easy hookup to the power source. Key to the system is the transfer device hinge that carries power from the frame to the locking hardware.

Features of ElectroLynx:

- Makes it easy to bring power to the locking hardware
- Wires have connectors that snap together, like plugging a telephone into a jack

To connect an 8200 Electrified Mortise Lock to the electronic access control system, the following items are required:

- 8200 Electrified Mortise Lock
- ASSA ABLOY Door Group pre-wired door, or ElectroLynx retrofit cable (order from MCKINNEY)
- Electronic transfer device (ElectroLynx electronic transfer hinge or Electrical Power Transfer with standard hinge, from MCKINNEY)
- ElectroLynx cable from the hinge to above the ceiling (order from MCKINNEY)

Information regarding cable selection, hinge requirements and order strings can be found in the McKinney Transfer Device Solutions catalog. Consult 800-810-WIRE (9473) with questions on application specifications and requirements.

McKINNEY QC8 ElectroLynx Hinges for 8270-8274 functions and the RX- option is recommended.
McKINNEY QC12 ElectroLynx Hinges for LX- or DX- option is recommended.



12VDC & 24VDC Power Supplies:



- UL Class 2 Listed
- Four 12V models and four 24V models available
- Integral battery charging capability keeps sealed lead acid gel/cell at full charge in case of line voltage failure (737-battery sold separately)
- Fused line voltage input with one, four, or eight DC outputs (depending on model)
- Each circuit can be individually turned on and off via a slide switch; the power status of each is shown by an LED.
- In the event of a DC short the problem is confined to the zone of difficulty
- Fire alarm interface standard

| SARGENT MODEL No. | DESCRIPTION |
|-------------------|---------------------------------|
| 3521 | 12V - 1 AMP POWER SUPPLY |
| 3541 | 12V - 3 AMP POWER SUPPLY |
| 3551 | 12V - 4.5 AMP POWER SUPPLY |
| 3571 | 12V - 6 AMP POWER SUPPLY |
| 737 | 12V - 5 AMP HOUR BACKUP BATTERY |

| SARGENT MODEL No. | DESCRIPTION |
|-------------------|---------------------------------|
| 3520 | 24V - 1 AMP POWER SUPPLY |
| 3540 | 24V - 2 AMP POWER SUPPLY |
| 3550 | 24V - 4 AMP POWER SUPPLY |
| 3570 | 24V - 6 AMP POWER SUPPLY |
| 738 | 24V - 5 AMP HOUR BACKUP BATTERY |

Turns, Emergency Releases and Indicators

Specialty Hardware

SARGENT®
ASSA ABLOY

130KALP Turn for use with 8200 Mortise ALP Trim



- 2-3/4" x 1-13/16" rectangular shape
- Brass or stainless steel housing
- Only available with ALP trim
- Meets ADA Requirements



184KALP Emergency Release for use with 8200 Mortise ALP Trim



- 2-3/4" x 1-13/16" rectangular shape
- Brass or stainless steel housing
- Only available with ALP trim
- For 65, 66 and 68 functions only

130W Turn for use with PT Trim



- 1-1/2" (38mm) round brass, bronze or stainless steel plate
- Meets ADA Requirements



184W Emergency Release for use with PT Trim



- 1-1/2" (38mm) round brass, bronze or stainless steel plate
- For 65, 66 and 68 functions only

Emergency Key 14-0057



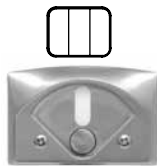
- Carbon steel
- For 65, 66 and 68 functions only
- Must be ordered separately

Lock Status and Secured Indicators for use with 8200 Mortise ALP Trim

49- Option Visual Status Indicator for Non Secure Applications

- Designed to work with Classroom Security functions
- Red/White indicator plate standard, field replaceable OCC/VAC plate included
- Mounts on inside of door
- Functions available: 30 & 37
- As retrofit, order 185CALP x finish

Inside Only



185CALP

49- Option Occupancy Indicator with Emergency Release

- Ideal for restrooms or conference rooms where easy determination of use needs to be made
- OCC/VAC indicator plate standard, field replaceable Red/White plate included
- Mounts on outside of door
- Emergency coin operated release standard
- Functions available: 65, 66 & 68
- As retrofit, order 185PALP x finish



185PALP

50- Option Secured Indicator Rose

- Non-handed mounting
- VAC/OCC indicator plate standard, field replaceable Red/White plate included
- Mounts on outside of door
- Available for the following functions:
24, 25, 26, 28, 29, 30, 36, 37, 38, 39, 40, 41, 43, 45, 50, 51, 52, 67
- Patent pending design
- For retrofit kits:
Specify: 186PALP x finish



186PALP

Note: For 49- and 50- Options, key will not retract latchbolt when used with 37 and 38 functions lock, the key will lock & unlock outside trim

Cylinder Lengths (Dim X)

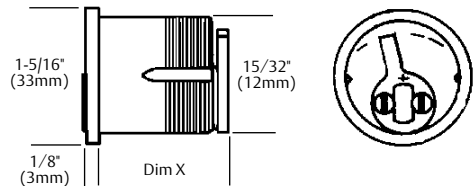
| Cylinder No. | 41 | 42 | 43 | 44 | 46 | 48 | 50 | 52 | 54 | 56 |
|--|------------------|------------------|------------------|------------------|------------------|--------------|------------------|------------------|------------------|--------------|
| Dim X Length Under Cylinder Head | 1-1/8" (29mm) | 1-1/4" (32mm) | 1-3/8" (35mm) | 1-1/2" (38mm) | 1-3/4" (44mm) | 2" (51mm) | 2-1/4" (57mm) | 2-1/2" (64mm) | 2-3/4" (70mm) | 3" (76mm) |

Note: ALP 8200 & 7800 PT locks on 1-3/4" thick doors require a minimum cylinder length of #41 (1-1/8") cylinder

40 Series Type Cylinder



- Cylinder body: Solid brass
- Cap: Brass, bronze or stainless steel
- All functions take a Standard Cam Functions
- Standard Cam 13-0664
- 16 function requires a 105 cam on the inside cylinder
- 50 Hotel Cam -115 supplied standard with all Hotel Function Cylinders



7850/8250 Function Hotel Cylinder



- When door is locked by deadbolt, only emergency key is able to unlock
- Must request emergency key separately (14-0036 x keying info)
- Supplied with Cam suffix -115 for Hotel Functions

10- Option Signature Series



- The patented system offers the building owner full control over duplication of keys. Highly pick resistant cylinders
- 10-63- Option- Signature cylinder with Large Format Interchangeable Cores
- 10- UL Option- Signature cylinder that meets UL437 requirements

11- Option XC Key System



- Patented system works with existing SARGENT keyway adding increased security
- 11- XC Std Cylinder
- 11-63- Large Format Interchangeable core
- 11-73- Small Format Interchangeable core

F1-82- and 82- Option KESO



- The system offers the building owner full control over duplication of keys
- Highly pick resistant cylinders
- Expanded levels of masterkeying
- F1-83- & 83- Option- Keso removable core
- 84- Option- Keso construction core cylinder

For complete cylinder information, see Cylinders & Components, Signature, Keso, Keso F1 or XC catalogs.

Cylinders and Rosettes

Specialty Hardware

SARGENT®

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51- Option Old Style Removable Core



- Available for **existing systems only** Permanent Removable Cores
- Control key used to remove core, must request control key separately

60- or 70- Option Plastic Construction Core



- For doors that do not require key locking during the construction period
- Operate with coin or flat screw driver
- 60- Hardware to accept SARGENT Permanent LFIC (Removable core), disposable plastic core provided
- 70- Hardware to accept 6- or 7-Pin SFIC Permanent Cores, disposable plastic core provided

63- Option Large Format Interchangeable (Removable) Core



- Allows immediate removal of the core. Virtually unlimited key changes
- Available with Signature and XC- features as 10-63-, 11-60-, 11-63- & 11-64-
- For disposable core, see 60- Option
- 63- Hardware provided with LFIC (Removable core) cylinder
- 64- Hardware provided with Keyed construction core to accept LFIC (Removable) permanent core
- Control key used to remove core, must request control key separately

21- Option Lost Ball Construction System

- The SARGENT construction keying system protects the building owner by providing temporary masterkeying during the construction period

No. 97 Rosette



- Standard for 8200 ALP & 7800 mortise locks
- Standard for cylinders ordered separately from hardware
- Brass, bronze or stainless steel
- 1-11/16" diameter (43mm), 9/32" (7mm)
- Finishes: 3, 4, 10, 10B, 10BL, 20D, 26, 26D, 32, 32D

7300B Interchangeable Core



Small Format Interchangeable Core

- SARGENT Interchangeable Core cylinders and MasterKey Systems are available for increased security through quick change of keying. It is unnecessary to remove a cylinder
- SARGENT 7300B Interchangeable Cores are available in SARGENT 4A and 4B keyways, as well as the following standard competitor keyways: A, B, C, D, E, F, G, H, J, K, L, M
- For disposable core, see 70- Option
- 72- Hardware to accept 6- or 7-Pin SFIC (Keyed construction core provided) cylinder
- 73- Hardware provided with 6-Pin SFIC, SARGENT 4A, 4B keyways
- 65-73- Hardware provided to accept Uncombined 6-Pin SFIC (Permanent) core - (Packed loose for field keying)
- 65-73-7P- Hardware provided to accept Uncombined 7-Pin SFIC (Permanent) core - (Packed loose for field keying)
- 73-7P- Hardware provided with Small Format 7-Pin Interchangeable core, SARGENT 4A, 4B keyways
- 11-70-7P- Hardware to accept XC- SFIC (7-Pin) XC- Permanent cores, disposable plastic core provided
- 11-72-7P-* Hardware to accept XC- SFIC (7-Pin Keyed construction core provided) cylinder; Permanent core ordered separately
- 11-73-7P-* Hardware provided with XC- Small Format 7-Pin Interchangeable core (Includes masterkeying, grand masterkeying)
- 11-65-73-7P-Hardware provided to accept XC- Uncombined 7-Pin SFIC (Permanent) Core - (Packed loose)
- * Control key used to remove core (provided separately)

Strikes and Fronts

Specialty Hardware

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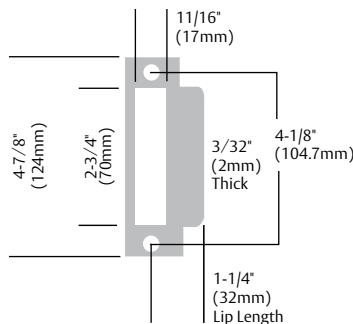
- Curved lip strikes: Brass, bronze or stainless steel
- 877 Open back strike: Brass plated
- To order strikes separately, specify strike part number and finish
- Strikes ordered separately are furnished with machine screws
- Order strike box 77-1141 separately

- All locks are packed standard with a universal non-handed curved lip ANSI 4-7/8" (124mm) strike.
- Specify part number when ordering with complete lock
- See chart below for part number and lip lengths
- Open back strike not available for deadbolt functions

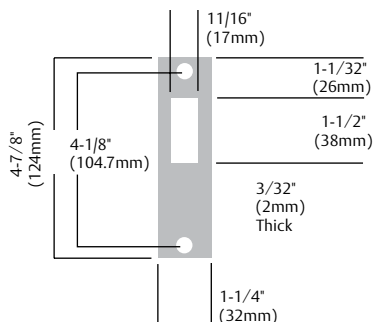
Curved Lip Strike

| Door Thickness | Part No. | Lip Length |
|---------------------------------|------------------|---------------|
| Double Door | 82-0229 | 7/8" (23mm) |
| 1-3/8" - 1-1/2" (35mm) (38mm) | 82-0109 | 1-1/8" (29mm) |
| 1-5/8" - 1-3/4" (41mm) (44mm) | 82-0110 Standard | 1-1/4" (32mm) |
| 1-7/8" - 2" (48mm) (51mm) | 82-0111 | 1-3/8" (35mm) |
| 2-1/8" - 2-1/2" (54mm) (64mm) | 82-0112 | 1-5/8" (41mm) |
| 2-5/8" - 3" (67mm) (76mm) | 82-0113 | 1-7/8" (48mm) |
| 3-1/8" - 3-1/2" (79mm) (89mm) | 82-0114 | 2-1/8" (54mm) |
| 3-3/8" - 4" (86mm) (101mm) | 82-0115 | 2-3/8" (61mm) |
| 4-1/8" - 4-1/2" (105mm) (114mm) | 82-0116 | 2-5/8" (67mm) |
| 4-5/8" - 5" (117mm) (127mm) | 82-0117 | 2-7/8" (73mm) |

Curved Lip Strike (Standard)



78-0034 Deadbolt Strike



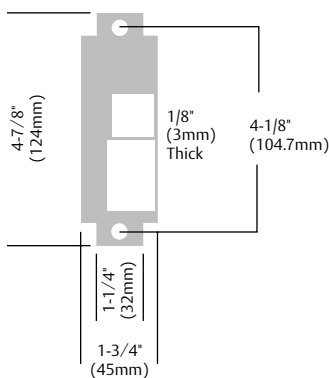
- Provided standard with deadlock functions 28, 29 & 30

877 Open Back Strike

- Strike handed by **active leaf**

| Door Thickness | Part No. RHRB | Part No. LHRB |
|----------------|---------------|---------------|
| 1-3/4" (44mm) | 82-0332 | 82-0333 |
| 2" (51mm) | 82-0334 | 82-0335 |
| 2-1/4" (57mm) | 82-0336 | 82-0337 |
| 2-1/2" (64mm) | 82-0338 | 82-0339 |
| 2-3/4" (70mm) | 82-0340 | 82-0341 |
| 3" (76mm) | 82-0342 | 82-0343 |

877 Open Back Strike



77-1141 Wrought Box Strike



- For both curved and flat lip strikes
- Optional: Specify WBS- when ordering with lock
- If ordering separately, use part # 77-1141

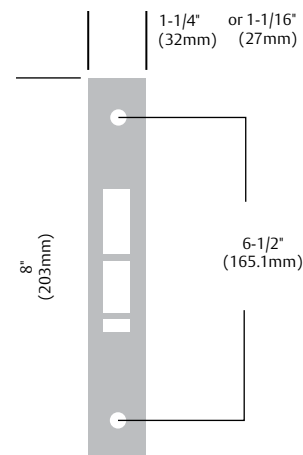
6 Lobe & Spanner Bit packs

| Part Number | Descriptions |
|-------------|--|
| 82-3855 | 6 Lobe Bit Pack 6 bits |
| 82-3856 | (sizes- T8, T9, T10, T15, T20, T25, T27) 9/32" Driver Spanner Bit Pack 5 bits (sizes- 6, 8, 10, 12, 14) 1/4" Driver |

Outside Front Plate

| Standard 1-1/4" (32mm) | Functions |
|------------------------|--|
| 82-0423 | 15, 65 |
| 82-0424 | 04, 05, 06, 13, 16, 17, 31, 36, 37, 38 |
| 82-0425 | 28, 29, 30 |
| 82-0426 | 24, 25, 26, 27, 35, 39 |
| 82-0427 | 40, 41, 50, 52 |
| 82-0429 | 45, 46, 47, 48 |
| 82-0430 | 43 |
| 82-0424 | 70, 71, 72, 73 |
| 82-0428 | 55 |

Outside Front Plate



No. 677 Rabbeted Door Kits

677 Kit adapts 7800/8200 locks for rabbeted doors consists of rabbeted strip and strike. Std for 1-3/4" to 2" doors. Specify 2-677 for 2-1/4" thick doors. Hardware Finished.

Exit Devices and Auxiliary Locks, Specialty Hardware, 8200 ALP & 7800 PT

| Categories | How to Specify | Detailed Description |
|--|---|--|
| Conventional Cylinder | -* | SARGENT Conventional Cylinders Supplied Standard |
| Degree Key System | DG1- | SARGENT Degree Key System Level 1 (Bump and pick resistant) |
| | DG1-21- | Degree Level 1 Construction Master Keying |
| | DG1-60- | Degree Level 1 Removable Disposable Construction Core |
| | DG1-63- | Degree Level 1 Removable Core |
| | DG1-64- | Degree Level 1 Removable Construction Keyed LFIC |
| | DG1-65- | Degree Level 1 Unassembled/Uncombined Core |
| | DG2- | SARGENT Degree Key System Level 2 (Geographically exclusive; bump and pick resistant) |
| | DG2-21- | Degree Level 2 Construction Master Keying |
| | DG2-60- | Degree Level 2 Removable Disposable Construction Core |
| | DG2-63- | Degree Level 2 Removable Core |
| | DG2-64- | Degree Level 2 Removable Construction Keyed LFIC |
| | DG2-65- | Degree Level 2 Unassembled/Uncombined Core |
| | DG3- | SARGENT Degree Key System Level 3 (Geographically exclusive; UL437 certified; bump and pick resistant) |
| | DG3-21- | Degree Level 3 Construction Master Keying |
| DG3-60- | Degree Level 3 Removable Disposable Construction Core | |
| DG3-63- | Degree Level 3 Removable Core | |
| DG3-64- | Degree Level 3 Removable Construction Keyed LFIC | |
| Signature Key System | 10- | SARGENT Signature Key System (Not available with other key systems) |
| | 10-21- | SARGENT Signature Construction Key System (Lost Ball) |
| | 10UL- | SARGENT Signature UL437 Key System (Not available with other key systems) |
| Signature Large Format Interchangeable Core (Removable Core) | 10-63- | SARGENT Signature LFIC (Removable) Core Cylinder |
| XC- Key System | 11- | XC Key System (Not available with other key systems, unless specified) |
| | 11-21- | XC- Construction Key System (Lost Ball) |
| XC- Large Format Interchangeable Core (Removable Core) | 11-60- | Hardware to accept XC- Permanent LFIC (Removable core), disposable plastic core provided |
| | 11-63- | Hardware provided with XC- LFIC (Removable core) cylinder - (Includes masterkeying, grand masterkeying) |
| | 11-64- | Hardware provided with keyed construction core to accept XC- LFIC (Removable) Permanent core ordered separately |
| XC- Small Format Interchangeable Cores | 11-70-7P- | Hardware to accept XC- SFIC (7-Pin) XC- Permanent cores, disposable plastic core provided |
| | 11-72-7P- | Hardware to accept XC- SFIC (7-Pin Keyed construction core provided) cylinder Permanent core ordered separately |
| | 11-73-7P- | Hardware provided with XC- Small Format 7-Pin Interchangeable core (Includes masterkeying, grand masterkeying) |
| | 11-65-73-7P- | Hardware provided to accept XC- Uncombined 7-Pin SFIC (Permanent) Core - (Packed loose) |
| Construction Key System | 21- | SARGENT Lost Ball Construction keying for Conventional, XC and Signature series (N/A with 63- or 73-) |
| | 22- | SARGENT Construction Split Key System for Conventional cylinders (Existing systems only) (N/A with 10-, 11-, 63- or 73-) |
| Old Style Removable Core | 51- | Removable Core Cylinder (Old style) provided (Existing systems only) |
| | 52- | Removable Construction Core (Old style) Permanent core ordered separately (Existing systems only) |

* Option available with 50 function hotel lockout cylinders

NOTE: Interchangeable core and removable core cylinders do not meet Security Grade 1 requirements

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90772C 06/15/11

Cylinder Options for 8200 ALP & 7800 PT:

| Categories | How to Specify | Detailed Description |
|------------------------------------|----------------|---|
| Large Format Interchangeable Core | 60-* | Hardware to accept SARGENT Permanent LFIC (Removable core), disposable plastic core provided (Permanent cores ordered separately) |
| | 63-* | Hardware provided with LFIC (Removable core) cylinder - (Includes masterkeying, grand masterkeying) |
| | 64- | Hardware provided with Keyed construction core to accept LFIC (Removable) permanent core (Ordered separately) |
| Small Format Interchangeable Cores | 70- | Hardware to accept 6- or 7-Pin SFIC Permanent Cores, disposable plastic core provided |
| | 72- | Hardware to accept 6- or 7-Pin SFIC (Keyed construction core provided) cylinder (Permanent core ordered separately) |
| | 73- | Hardware provided with 6-Pin SFIC (Includes masterkeying, grand masterkeying) |
| | 65-73- | Hardware provided to accept Uncombined 6-Pin SFIC (Permanent) core - (Packed loose for field keying) |
| | 65-73-7P- | Hardware provided to accept Uncombined 7-Pin SFIC (Permanent) core - (Packed loose for field keying) |
| | 73-7P- | Hardware provided with Small Format 7-Pin Interchangeable core - (Includes masterkeying, grand masterkeying) |

Cylinder Options for 8200 ALP & 7800 PT:

| Categories | How to Specify | Detailed Description |
|--|----------------|---|
| Keso & Keso F1 | 81- | Hardware provided with housings to accept Keso (83) & Keso F1 (F1-83-) removable cores (Permanent cores ordered separately) |
| | 82-* | Hardware provided with SARGENT Keso Security Cylinder |
| | F1-82-* | Hardware provided with SARGENT Keso F1 Security Cylinder (Patented) |
| | 83- | Hardware provided with SARGENT Keso Security Removable Core cylinder |
| | F1-83- | Hardware provided with SARGENT Keso F1 Security Removable Core cylinder (Patented) |
| | 84- | Hardware provided with SARGENT Keso Construction Cores (Permanent cores ordered separately) |
| Additional Security | BR- | Bump Resistant Cylinder (Available with conventional & conventional XC cylinders only) |
| Less Cylinder | LC- | Less Cylinder - SARGENT supplies standard blocking rings for 1-1/8" cylinders (For longer cylinders order collars/rings separately) |
| Schlage Keyways | SC- | Schlage C keyway cylinder, 0 bitted |
| | SE- | Schlage E keyway cylinder, 0 bitted |
| NOTE: For V-10 Cylinders and information contact ASSA | | |

* Option available with 50 function hotel lockout cylinders

NOTE: INTERCHANGEABLE CORE AND REMOVABLE CORE CYLINDERS DO NOT MEET SECURITY GRADE 1 REQUIREMENTS.

Mechanical Options for 8200 ALP & 7800 PT:

| Categories | How to Specify | Detailed Description |
|--------------------|----------------|---|
| Strike Option | 23- | 4-7/8" (124mm) ANSI flat lip strike coat (available for 32 & 32D finishes) MicroShield® antimicrobial clear powder coat (not available on 10B or 20D finishes) |
| | OBS- | Open Back Strike |
| | WBS- | Wrought Box Strike |
| Thick Doors | 31- | For 8200 ALP trim: doors 1-7/8" (48mm) to 2-1/4" (57mm) thick – see cylinder options for limitations on door thickness. When ordering the following information is required: Location of lock within the door, door thickness -IF PANELED -must specify panel thickness & panel location (inside or outside of the door) For doors thicker than 2-1/4" -consult factory. For 7800 PT trim: door thickness 1-3/4" (44mm) to 2" (51mm) standard; For thicker doors, consult factory. |
| Security Fasteners | 36- | 6 Lobe head security screws (Torx® type) (supplied standard on PT trim) |
| | 37- | Spanner head security screw |
| Visual Indicators | 49- | Visual Status Indicator or Occupancy Indicator w/Emergency Release (available with 8200 ALP only) |
| | 50- | Secured Indicator (available with 8200 ALP with cylinder functions only) |
| Lead Lining | 74- | Lead Lining or Wrapping |
| Finish Protection | CPC- | Clear Powder Coat |
| | SG- | MicroShield® antimicrobial clear powder coat (not available on 10B or 20D finishes) |

How To Order & Finishes

Specialty Hardware



How to Order 8200ALP/7800PT Series Mortise Locks

| 10- | 82 | 71 | 12VDC | ALP | 15 | RHR |
|---|---------------------------|------------------------|---|---------------------------------------|---------|------|
| Options* | Series | Function | Voltage | Trim | Finish | Hand |
| For all available options see pages 17-18 | 8200 or 7800 Mortise Lock | Pages 6-11 for Details | 12VDC | ALP trim for 8200 or PT trim for 7800 | Page 19 | RHR |
| | | | 24VDC | | | RH |
| | | | Must be specified for Functions 70, 71, 72 & 73 | | | LHR |
| | | | | | | LH |

* Multiple options can be selected

How To Order 114/115 Series Push/Pull Units

| 28-P- | 115 | 26D | RH |
|------------|--------|-----------------------------------|------|
| Options | Series | Finish | Hand |
| See page 1 | 114 | 03, 04, 09, 10, 10B, 15, 26 & 26D | RHR |
| | | | LHR |
| | 115 | | RH |
| | | | LH |

How To Order HP Bored Locks with ALP Trim

| SG- | HP | U65 | ALP | 32D | RHR |
|------------------------------|-------------------------|------------------------------|----------------|--|------|
| Option | Series | Function | Trim | Finish | Hand |
| Mechanical Options this page | HP Series Tubular Locks | 15 - Passage 65 - Privacy | Push/Pull Trim | 03, 04, 09, 10, 10B, 10BL, 14, 15, 20D, 26, 32 & 32D | RHR |
| | | | | | LHR |
| | | | | | RH |
| | | | | | LH |

Finishes

| 8200 or HP locks with ALP Trim | 7800 Push/Pull Trim | 114/115 Push-Pull | Description | ANSI/BHMA |
|--------------------------------|---------------------|-------------------|--------------------------------------|-----------|
| 03 | 03 | 03 | Polished brass, clear coated | 605 |
| 04 | 04 | 04 | Satin brass, clear coated | 606 |
| 09 | 09 | 09 | Polished bronze, clear coated | 611 |
| 10 | 10 | 10 | Satin bronze, clear coated | 612 |
| 10B | 10B | 10B | Oxidized bronze, oil rubbed | 613 |
| 10BL | | | Oxidized satin, bronze, clear coated | 614 |
| 14 | | | Polished nickel, clear coated | 618 |
| 15 | | 15 | Satin nickel, clear coated | 619 |
| 20D | | | Statuary dark bronze, clear coated | 624 |
| | | 26 | Polished chrome | 625 |
| | | 26D | Satin chrome | 626 |
| 32 | 32 | | Polished stainless steel | 629 |
| 32D | 32D | | Satin stainless steel | 630 |

MicroShield® - designation SG- is available on all finishes listed except 10B or 20D
 Split Finishes - specify outside finish first, then inside finish example: US26D (outside) / US04 (inside)

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90772C 06/15/11

Door Handing

Changing Lock Hand (standard) U.S. Patent No. 5,678,870

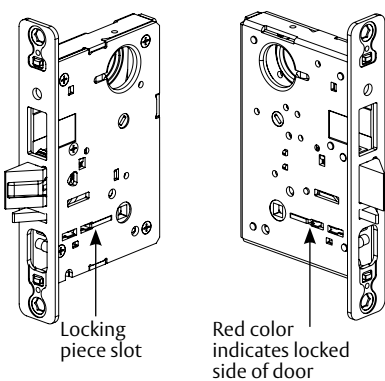
Note: Changing the hand of the lockbody is either a 1 or 2 step process depending on the hand of the lockbody and what hand it needs to be. Remember the RED surface of the locking piece (step A) always faces the locked or outside surface of the door. The bevel on the latchbolt (step B) must always face the strike.

1. Changing a lockbody from LH to RHRB or RH to LHRB or the opposite requires only step (A) to be performed.
2. Changing a lockbody from LH to LHRB or RH to RHRB or the opposite requires only step (B) to be performed.
3. Changing a lockbody from LH to RH or RH to LH or the opposite requires both step (A) & (B) to be performed.

To change hand of locking piece

Note: The following Functions (04, 06, 16, 17 & 31) require that the Green Catch Screw is removed prior to rotating the Locking Slide.

1. Position Lock Body so the Red Surface of the Locking Slide is facing you.
2. With Blade Type Screw Driver, push on the Red surface of the locking slide so it rotates towards the back of the lock.
3. Continue to Rotate the Locking Slide for a full 180°, so that the Red Surface is visible on the opposite side of the lock.
4. RED indicates locked (outside) side.

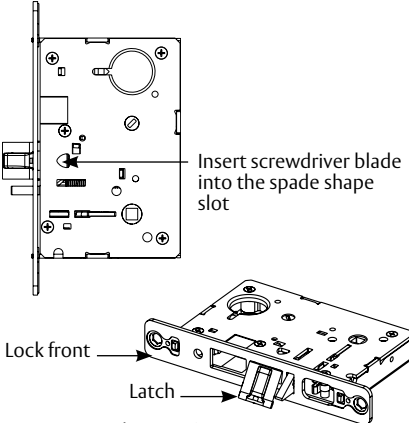


Locking piece slot

Red color indicates locked side of door

To change hand of latch and guardbolt:

1. Insert the blade of a slotted screwdriver (>1/4") into the spade shape slot behind latch.
2. Rotate the screwdriver 90° to push latchbolt out until back of bolt clears lock case front.
3. Rotate latchbolt 180° until the latchbolt drops back into the lockbody.



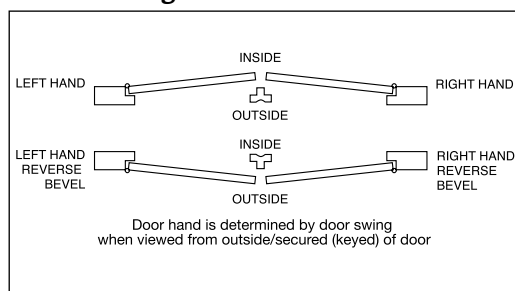
Insert screwdriver blade into the spade shape slot

Lock front

Latch

Rotate screwdriver 90° to push latch out until back of latch clears lock front, then rotate latch 180°, latch will then re-enter lockbody (**Note:** Latch can not be unscrewed)

Door Handing



Multi-Functional Lockbody & Architectural Specifications

Specialty Hardware

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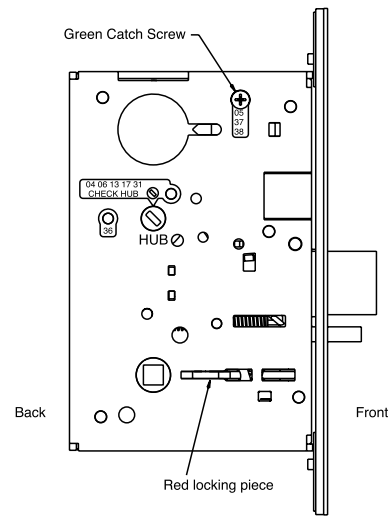
How to Change Lock Function:

The Green Catch Screw must be located in the designated location as specified on the lock case to produce the desired function.

There are three locations: one location for 05, 37 & 38 functions; one location for 04, 06, 13, 17 & 31 functions; and one location for 36 function.

Note: To change to functions 04, 06, 13, 17 & 31, the hub must be at the 45° position as specified on the case before screwing in the green catch screw.

Note: For 17 and 52 functions only, the red locking piece must be rotated 90°, so the red surface is facing the back of the lockbody. This is required to make both levers rigid.



2.1 Heavy Duty Mortise Locks

- A. Heavy duty mortise locks shall be 8200/7800 Series as manufactured by SARGENT Manufacturing Company, New Haven, CT.
- B. Locks shall meet or exceed the requirements of ANSI/BHMA A156.13 Series 1000, Operational Grade 1, and Security Grade 1 with all standard trims.
- C. Meets or exceeds impact requirements of ASTM F1577-95b Detention Locks for Swinging Doors.
 - 1. Paragraph 6.2 Level 1 Impact for deadbolt x latchbolt and deadbolt only.
 - 2. Paragraph 6.2 Level 3 Impact for latchbolt only.
- D. Locks shall be easily re-handed without opening the lock body.
- E. Locks shall comply with UL10C and UBC 7-2 positive pressure requirements.
- F. Locks required for fire doors shall be listed by Underwriters Laboratories for ratings of A label (3 hours) and less, for doors up to 4'0" (1.2m) x 10' 0" (3.05m) and pairs of doors 8'0" (2.4m) x 10' 0" (3.05m)
- G. Construction:
 - 1. Lock functions shall be manufactured in a single-sized case formed from 12 gauge steel minimum.
 - 2. Lock cases shall be closed on all sides and back.
 - 3. Locks shall have field adjustable, beveled, armored front, with a 1/8" (3mm) thickness minimum.
 - 4. Locks shall have a one piece, 3/4" (19mm) throw anti-friction stainless steel latch.
 - 5. Deadbolts, where specified, shall be full one inch (25mm) throw made of one-piece hardened stainless steel.
- H. Locks shall have a 2-3/4" (70mm) backset, standard.
- I. Strikes shall be non-handed with a curved lip.
- J. To ensure proper alignment, push/pull trim shall be through-bolted.
- K. Locks shall have brass 6-Pin cylinder, standard.
- L. Locks shall have a 10 year limited warranty. 2 year limited warranty on electrified locks.

2.2 Heavy Duty Bored Locks

- A. Bored hospital latches shall be HP Series as manufactured by Sargent Manufacturing Company, New Haven, CT.
- B. Locks shall meet or exceed the requirements of ANSI/BHMA A156.2 Series 4000 Operational Grade 1.
- C. Locks shall be easily re-handed with a non-handed curved lip strike.
- D. Locks shall comply with UL10C and UBC 7-2 positive pressure requirements.
- E. Lockset paddles shall be capable of horizontal or vertical mounting positions.
- F. Locks shall have 2-3/4", 5" or 7" backset available.

SARGENT Manufacturing Company
100 Sargent Drive
New Haven, CT 06511 USA
800-727-5477 • www.sargentlock.com

Founded in the early 1800s, SARGENT[®] is a market leader in locksets, cylinders, door closers, exit devices, electro-mechanical products and access control systems for new construction, renovation, and replacement applications. The company's customer base includes commercial construction, institutional, and industrial markets.

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ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.