# Arrow Product Catalog

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We’re Here to Help You Choose the Right Products...

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<thead>
<tr>
<th>Premier Products</th>
<th>Classic Products</th>
<th>Value Products</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Point Flex</strong></td>
<td><strong>Point Flex</strong></td>
<td><strong>Point Flex</strong></td>
</tr>
<tr>
<td><strong>Point</strong></td>
<td><strong>Point</strong></td>
<td><strong>Point</strong></td>
</tr>
<tr>
<td>AM/BM</td>
<td>AM/BM</td>
<td>AM/BM</td>
</tr>
<tr>
<td>GL QL</td>
<td>GL QL</td>
<td>GL QL</td>
</tr>
<tr>
<td>MLX RL RLX</td>
<td>MLX RL RLX</td>
<td>RL RLX</td>
</tr>
<tr>
<td><strong>C</strong></td>
<td><strong>C</strong></td>
<td><strong>C</strong></td>
</tr>
<tr>
<td>HK MK RK</td>
<td>HK MK RK</td>
<td>HK MK RK</td>
</tr>
</tbody>
</table>

**Premier Products**
- **Patented key design**
- **Lockout feature**
- **Solid brass construction**
- **Reinforced sleeve design**
- **GRADE 1**
  - 29 functions
  - 15 knob designs
  - 21 lever designs
  - 8 functions
- **GRADE 1**
  - 6 functions (GL)
  - 6 functions (QL)
  - 1 lever design
  - Overdrive option
  - IC core option
- **GRADE 1**
  - 6 functions
  - 1 design
  - IC core options

**Classic Products**
- **Solid brass construction**
- **Reinforced sleeve design**
- **GRADE 2**
  - 7 functions
  - IC Core Option
  - 1 lever design
- **GRADE 2**
  - 17 functions
  - 6 designs
  - 7 functions
  - IC core option

**Value Products**
- **Grade 2**
  - 7 functions (RL)
  - 2 lever designs (RL)
  - 6 functions (RLX)
  - 1 lever design (RLX)
  - Overdrive feature (RLX)
  - IC core option
- **Grade 2**
  - 6 functions
  - 4 lever designs
  - 3 knob designs
  - 5 functions
- **Grade 2**
  - 6 functions
  - 1 design
  - IC core option

ASSA ABLOY, the global leader in door opening solutions
### Premier Products

<table>
<thead>
<tr>
<th>DEADBOLTS</th>
<th>CLOSERS &amp; OPERATORS</th>
<th>REVOLUTION TOUCHSCREEN LOCK</th>
<th>ALARMED HARDWARE</th>
<th>EXIT DEVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>900N 5016N 7700 7800 7900 DC300 DC500</td>
<td>V1 V251 V353</td>
<td>130N 300 400</td>
<td>1000 3000 4000 500/600 S1150/S1250</td>
<td></td>
</tr>
</tbody>
</table>

**GRADE 1**
- 7 functions
- IC core options

**GRADE 1**
- 900N Aluminum
- Storefront Closer
- 5016N Architectural Closer
- Door Operator (7800)
- Built in Power Supply
- Available with Power Cord (7900)

**V1** – Grade 1
- V2 – Grade 2
- V3 – Grade 2
- 1,000 users (V1)
- 25 users (V2, V3)
- 3 languages
- Weather resistant
- Voice prompted

**GRADE 1**
- 3 functions
- 4 hardware finishes
- 3 versions:
  - Stand alone (130N)
  - Paddle (300)
  - Touchbar (400)

### Classic Products

<table>
<thead>
<tr>
<th>DEADBOLTS</th>
<th>CLOSERS &amp; OPERATORS</th>
<th>REVOLUTION TOUCHSCREEN LOCK</th>
<th>ALARMED HARDWARE</th>
<th>EXIT DEVICES</th>
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<tbody>
<tr>
<td>900N 5016N 7700 7800 7900 DC300 DC500</td>
<td>V1 V251 V353</td>
<td>130N 300 400</td>
<td>1000 3000 4000 500/600 S1150/S1250</td>
<td></td>
</tr>
</tbody>
</table>

**GRADE 2**
- 2 styles (41&61)
- 6 functions (61)
- 2 functions (41)
- 7 finishes (61)
- 3 finishes (41)
- IC core option (61)

**Grade 1**
- Cast Iron Closer (DC500)
- Adjustable size 1-6
- 2 finishes

**GRADE 1**
- 1000: rim, SVR
- S1150: SVR
- S1250: rim

### Value Products

<table>
<thead>
<tr>
<th>DEADBOLTS</th>
<th>CLOSERS &amp; OPERATORS</th>
<th>REVOLUTION TOUCHSCREEN LOCK</th>
<th>ALARMED HARDWARE</th>
<th>EXIT DEVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td>900N 5016N 7700 7800 7900 DC300 DC500</td>
<td>V1 V251 V353</td>
<td>130N 300 400</td>
<td>1000 3000 4000 500/600 S1150/S1250</td>
<td></td>
</tr>
</tbody>
</table>

**2 functions**
- 3 finishes
- IC core option

**Grade 1**
- Adjustable size 1-4
- Adjustable size 2-5
- Fixed size 4 & 5
- 2 finishes

**Grade 1**
- 500: rim
- 600: SVR
NOTHING COMPARES TO THE REVOLUTION!

Easy install. Easy programming. Easy to see for yourself!

To see demonstrations visit arrowlock.com/easydemo

Saves Money • Easy to Reprogram • Voice Prompted Install Easily Over Existing Holes in Minutes
## Arrow Product Catalog

### Finishes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>605 (US3)</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>606 (US4)</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>609 (US5A)</td>
<td>Satin Brass, Blackened</td>
</tr>
<tr>
<td>611 (US9)</td>
<td>Bright Bronze</td>
</tr>
<tr>
<td>612 (US10)</td>
<td>Satin Bronze</td>
</tr>
<tr>
<td>613 (US10B)</td>
<td>Oil Rubbed Satin Bronze</td>
</tr>
<tr>
<td>613E (US10BE)</td>
<td>Dark Oxidized Satin Bronze, Electroplated</td>
</tr>
<tr>
<td>614 (US10BL)</td>
<td>Dark Oxidized Satin Bronze, Clear Coated</td>
</tr>
<tr>
<td>619 (US15)</td>
<td>Satin Nickel</td>
</tr>
<tr>
<td>625 (US26)</td>
<td>Bright Chromium Plated</td>
</tr>
<tr>
<td>626 (US26D)</td>
<td>Satin Chromium Plated</td>
</tr>
<tr>
<td>629 (US32)</td>
<td>Bright Stainless Steel</td>
</tr>
<tr>
<td>630 (US32D)</td>
<td>Satin Stainless Steel</td>
</tr>
<tr>
<td>689 (US28)</td>
<td>Aluminum (AL)</td>
</tr>
<tr>
<td>690</td>
<td>Dark Bronze (DBZ), (BRZ)</td>
</tr>
<tr>
<td>691</td>
<td>Light Bronze (LBZ)</td>
</tr>
<tr>
<td>692</td>
<td>GOLD (GL)</td>
</tr>
<tr>
<td>693</td>
<td>RED (RD)</td>
</tr>
</tbody>
</table>

The finishes listed above represent a sampling of those most commonly used. Due to the different types of base metals used in the manufacture of our products, finishes may vary slightly.

We strongly urge that when specifying or selecting finishes, careful consideration be given to opening usage requirements and climatic conditions. These factors may over time cause a breakdown to protective coatings or damage metal finishes.

* For availability of non-standard finishes, please consult Arrow customer service, an Arrow sales representative or your authorized Arrow distributor.

### Interchangeable Core

Look for this symbol to indicate availability of product with interchangeable core.

### ADA/Americans with Disabilities Act

Acceptable Door Hardware: Section 4.13.9

“Handles, pulls, latches and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require grasping, tight pinching or twisting of the wrist to operate. Lever operated mechanisms, push-type mechanisms and “U” shaped handles are acceptable designs. Hardware for accessible door passage shall be mounted no higher than 48 inches (1219.20mm) above the finished floor.”

Look for the universal symbol next to Arrow products that comply with ADA Accessibility requirements.
ARROW LOCK® warrants that its products sold under the “ARROW LOCK” trade name in the United States of America are free from defects in workmanship and materials under normal use and service.

This warranty does not cover defects or damage arising from improper installation, lack of or improper maintenance, improper storage, shipping and handling, corrosion, erosion, ordinary wear and tear, misuse, abuse, accident, unauthorized service, or use with unauthorized non-ARROW LOCK products or parts.

This warranty is void if any modification is made to the warranty product, regardless of whether the modification causes or contributes to the alleged defect. All modifications are made at the risk of the party making the modification.

The only liability of ARROW LOCK®, in tort or contract whether under this warranty or otherwise, shall be limited to the repair or replacement of any product or component part which shall prove defective as covered by this warranty, within the stated time period listed below, after delivery to the original purchaser.

- AM & BM Series Mortise Locks – 5 years
- QL & MLX Series Cylindrical Locks – up to 10 years
- RLX Series Cylindrical Locks – up to 10 years
- GL Series Cylindrical Locks – 5 years
- Revolution V1 Series – 3 years
- Revolution V2 Series – 1 year electronic, lifetime mechanical and finish for residential use
  – 1 year electronic, 3 years mechanical and finish for commercial use
- S1150 & S1250 Series Exit Devices – 3 years
- 3000 & 4000 Series Exit Devices – 5 years
- Door Closers – 10 years
- Door Operators – 7800 & 7900 Series – 2 years
  – 7700 Series – 1 year
- CK & CL Series Tubular Locks – 5 years
- RK & RL Series Cylindrical Locks – 5 years
- 500 & 600 Series Exit Devices – 5 years
- DJ/E Series Deadbolts – 1 year
- All other ARROW LOCK products – 1 year

Warranty for Cylinders Factory or Field Combinated
Cylinders shall be periodically lubricated depending on environmental conditions. Dry graphite, molybdenum disulfide, or Polylube® are recommended. Petroleum based liquid lubricants should only be used in cylinders in harsh or corrosive environments and should not be mixed with dry lubricants.

Warranty for Cylinders Field Combinated
1. Keys shall be cut to the ARROW LOCK® key bitting specifications required for the particular keyway and depth system.
2. All pin lengths shall be selected according to prevailing factory standards.
3. Original ARROW LOCK® cylinder components, including pin tumblers and key blanks, shall be used. We reserve the right to void the warranty if we deem that a malfunction is a result of non-original components which do not conform to ARROW LOCK® standards.
Limited Warranty

Keying Systems
All bittings shall be originated or authorized by the ARROW LOCK® Key Systems Department to be compatible with one another in a specific type of cylinder (conventional, security, high security, interchangeable core, removable core) and within a particular keying system.

ARROW LOCK® will not pay for the cost of repair performed other than in accordance with this warranty.

Refer to our Returned Goods Policy regarding the return of a product or component part believed to be defective as covered by this warranty. A brief description of the defect will be required. Product will be examined upon return. In the event such examination reveals a defect covered by this warranty, the product will be repaired or replaced.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. TO THE EXTENT PERMITTED BY LAW, ALL IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THIS WARRANTY. ARROW LOCK® MANUFACTURING COMPANY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. NO AGENT, SALES REPRESENTATIVE OR DEALER HAS THE AUTHORITY TO INCREASE OR ALTER THE OBLIGATIONS OF THIS WARRANTY.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

ARROW LOCK® Manufacturing Company

Latest Information:
For the latest information on the Arrow product line, please visit www.arrowlock.com and make sure you sign up to receive our e-newsletter and check out our latest blog for up to date information.

Be sure to check us out on the following social media sites:

Facebook: www.facebook.com/arrowrevolution
Twitter: www.twitter.com/arrowrevolution
YouTube: www.youtube.com/revolutionbyarrow
E-Newsletter Signup: www.arrowlock.com/newsletter
The Arrow Revolution stand-alone touchscreen lock combines the functional elements of a cylindrical lockset with the latest technology designed for electronic aesthetics. Dealers will benefit by providing an up to date technological solution that is also quick and easy to install.

Users benefit from a simple interaction with the lock through a voiceguided touchscreen, making day-to-day use and programming easy. The Revolution is recommended for healthcare facilities, offices, retail environments, multi-family, hospitality, government facilities, as well as K-12 school environments. The Revolution provides a traffic control solution for areas requiring restricted access. If necessary either a single user or all users can be easily locked out by the administrator. This feature provides a quick lockout option in case of a security concern.

Certification:

All Arrow Revolution Stand-alone Touchscreen Locks are UL/cUL listed for use on 3 hour, A label or lesser doors and are certified to conform to and exceed the requirements of ANSI/BHMA A156.2, Series 4000, Grade 1.

- Federal Specification FF-H-106C
- ANSI A117.1 Accessibility Code
- California State Reference Code for levers returning to within 1/2" (12.7mm) of door surface

ADA/Americans with Disabilities Act:

Acceptable Door Hardware: Section 4.13.9
Handles, pulls, latches and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require grasping, tight pinching or twisting of the wrist to operate. Lever operated mechanisms, push-type mechanisms and “U” shaped handles are acceptable designs.

Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

Features & Specifications:

Electronic Elements:
- Stand-alone touchscreen access locking device
- Interactive voice-guided programming
- Tri-lingual, English/Spanish/French
- 4 AA batteries
- Request to enter (REX) input allows remote access capability
- Volume control – High, Low – Default, Silent
- Visual verification of pin code programming
- Feature access through keypad programming, 4-12 digit user pin codes
  - 255 users and 1 master user
  - Lockout Mode
  - Passage Mode
  - Auto Re-Lock

Mechanical Components:
- UL listed for use on fire doors
- ADA compliant levers
- Install lock and latch with only 5 screws
- Key Override – Uses standard Arrow cylinders available in AR and CS keyways
- Also available in Small Format Interchangeable and select Large Format Interchangeable Core Prep
- Weather resistant
- Field Reversible
- Door Prep: Standard 161 Prep with one additional 3/4" hole
- Standard three (3) year warranty

Finishes:
- Polished Brass US3, Dark Oxidized Satin Bronze, Electroplated US10BE, Satin Chrome US26D

Functions:
- V1-51 Key Override
Revolution Stand-Alone Touchscreen Lock

Premier Product

Features (Continued):

OverDrive™ will allow a locked lever to rotate freely without retracting the latch, improving the life and performance of Arrow locksets.

Designs:

OverDrive™ – Freewheeling lever action occurs when latch retraction mechanism disengages from lever handle when handle is locked. Built-in stops in the rose insert prevent lever from traveling beyond approximately 57 degrees.

Backset – 2-3/4" (69.85mm) standard. Also available in 2-3/8" backset.

Packaging – 1 per box, 3 per case.

Door Thickness – 1-3/4" (44mm) standard. For use on 1-3/8" thick doors, a special thin door kit must be used. To order the 1-3/8" thin door kit, Specify Part Number: V1-Kit1. This kit includes inside and outside escutcheon spacers as well as a 2-3/8" latchbolt. Note: Using a 2-3/8" latchbolt results in Grade 2 certification on the lock.

Note: Revolution REX Wire Harness sold separately.

OverDrive™ will allow a locked lever to rotate freely without retracting the latch, improving the life and performance of Arrow locksets.

Finishes:

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equiv.</th>
<th>Arrow Equiv.</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>US3 03</td>
<td></td>
<td>Bright Brass</td>
</tr>
<tr>
<td>613E</td>
<td>US10BE 10BE</td>
<td></td>
<td>Dark Oxidized Satin Bronze, Electroplated</td>
</tr>
<tr>
<td>626</td>
<td>US26D 26D</td>
<td></td>
<td>Satin Chromium Plated</td>
</tr>
</tbody>
</table>

ARROW FUNCTION

V1-51 Touchscreen with Key Override

DESCRIPTION

- For doors that require mechanical key override.
- Latchbolt retracted by outside lever with valid pincode; by use of mechanical key, or by operating inside lever.
- Inside lever always active.
- Deadlocking latchbolt.
# Revolution Stand-Alone Touchscreen Lock

**Premier Product**

## Order Example:

<table>
<thead>
<tr>
<th>Series</th>
<th>Function</th>
<th>Trim</th>
<th>Finishes</th>
<th>Strike</th>
<th>Latch</th>
<th>Suffix Options (V1-51 function only):</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1</td>
<td>51</td>
<td>SR</td>
<td>26D (US26D), 03 (US3), 10BE (US10BE)</td>
<td>V18 (t-strike)</td>
<td>V44 (2-3/4&quot; BS x 1-1/8&quot; beveled front)</td>
<td>CIC (Corbin LFIC) IC (SFIC less core) KD (std. cyl. keyed different) LC (less std. cyl.) LIC (Medeco/ASSA LFIC) OB (0-bitted) SIS (Schlage LFIC)</td>
</tr>
</tbody>
</table>

**Example:** To order a Revolution stand-alone touchscreen lockset with a Sierra design lever, satin chrome finish, with an ASA strike and 2-3/4" backset, keyed different:

<table>
<thead>
<tr>
<th>Specify:</th>
<th>Series</th>
<th>Function</th>
<th>Design</th>
<th>Finish</th>
<th>Strike</th>
<th>Latch</th>
<th>Suffix Options</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>V1</td>
<td>51</td>
<td>SR</td>
<td>26D</td>
<td>V18</td>
<td>V44</td>
<td>KD</td>
</tr>
</tbody>
</table>

## How to Install:

1. **Outside Assembly**
   - (2) 8-32 x 3/8" Flat Head Machine Screws

2. **Inside Assembly**
   - Touchscreen Cable
   - Motor Cable
   - Support Assembly Screws (2) 10-32 x 2-1/2" Flat Head Machine Screws

3. **Escutcheon Screw**
   - (1) 10-32 x 3/4" Pan Head With Star Washer Screw

LT-503127-10

ASSA ABLOY, the global leader in door opening solutions
The NEW Arrow Revolution stand-alone touchscreen deadbolt offers a high-tech, aesthetically pleasing security solution to enhance everyday deadbolt systems. Using state-of-the-art touchscreen technology, end-users can easily grant access for up to 25 individual users without the need to distribute and keep track of multiple keys. The Revolution deadbolt is simple to program and easy to install in a matter of minutes.

Multilingual voice guided technology allows for hassle-free programming without a need for bulky manuals. For any facility application requiring an advanced featured deadbolt to control entry, the Arrow Revolution Deadbolt is the modern, ideal solution.

Certification:
- ANSI A117.1 Accessibility Code
- Certified ANSI/BHMA A156.36, Grade 2

Features & Specifications:

Electronic Elements:
- Stand-alone Touchscreen Access Locking Device
- Trilingual – English, Spanish, French
- High Tech Look & Feel
- Volume Levels – High, Low – Default, Silent
- Easy to Use, Install, and Program
- Users:
  - 25 Users
  - Add/Delete Individual Users
- Battery Life – One Year
- Deadbolt Motor – Motorized Bolt In and Out
- Privacy Feature

Mechanical Components:
- Medium Duty Commercial, Grade 2
- Door Thickness:
  - 1-3/8” – 2-1/4” Thick Doors
  - 1-3/8” Requires a Special Thin Door Gasket (Part V1-GSK-PK)
- Keying – Standard Cylinder or SFIC Prep.
- Key Override – Uses standard Arrow cylinders available in CS keyways
- Weather Resistant – Full Wrap Around Gasket on Both Sides
- Manual Retraction – Inside Thumbturn, Clutched Motor Assembly
- Door Prep – Standard Prep; 2-1/8’ Through Hole, 1” Bore Hole For Latch
- Backset – Adjustable to 2-3/4’ or 2 3/8’
- Warranty – 1 year electronic, lifetime mechanical and finish for residential use.
  - 1 year electronic, 3 years mechanical and finish for commercial use.

Finishes:

Functions:
- V2-51 Touchscreen
Revolution Stand-Alone – Touchscreen & Pushbutton Deadbolt

Order Example:

<table>
<thead>
<tr>
<th>Series</th>
<th>Function</th>
<th>Finish</th>
<th>Strike</th>
<th>Latch</th>
<th>Keyway</th>
<th>Suffix Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>V2</td>
<td>41 (pushbutton)</td>
<td>03 (US3)</td>
<td>V2S</td>
<td>V2L</td>
<td>CS</td>
<td>KD (standard cylinder keyed different)</td>
</tr>
<tr>
<td></td>
<td>51 (touchscreen)</td>
<td>10BP (US10BP)</td>
<td></td>
<td></td>
<td></td>
<td>IC (SFIC less core, not available with 41 function)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15 (US15)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Example: To order a Revolution Touchscreen Deadbolt in satin nickel finish, rounded strike, with an adjustable backset for 2-3/8” or 2-3/4”, CS keyway, keyed different:

Specify: V2 51 15 V2S V2L CS KD

How to Install:

Deadbolt

- Flat Head “Combo” Screws
  - M6 x 8mm
  - 8-32 x 5/16”

Inside Escutcheon

- Inside Mounting Plate
- Battery Cover
- Pan Head Machine Screws
  - M4 x 8mm
  - 8-32 x 5/16”

Outside Escutcheon

- Thru-Bolts Pan Head Machine Screws
  - M6 x 59.5mm
  - 15/64 x 2-11/32”

Circuit Board

- Cable Connector on inside circuit board
The NEW Arrow Revolution stand-alone touchscreen leverlock offers a high-tech, aesthetically pleasing security solution to enhance everyday leverlock systems. Using state-of-the-art touchscreen technology, end-users can easily grant access for up to 25 individual users without the need to distribute and keep track of multiple keys. The Revolution leverlock is simple to program and easy to install in a matter of minutes.

Multilingual voice guided technology allows for hassle-free programming without a need for bulky manuals. For any facility application requiring an advanced featured leverlock to control entry, the Arrow Revolution leverlock is the modern, ideal solution.

Certification:
- ANSI A117.1 Accessibility Code
- Certified ANSI/BHMA A156.36, Grade 2

Features & Specifications:

Electronic Elements:
- Stand-alone Touchscreen Access Locking Device
- Trilingual – English, Spanish, French
- High Tech Look & Feel
- Volume Levels – High, Low – Default, Silent
- Easy to Use, Install, and Program
- Users:
  - 25 Users
  - Add/Delete Individual Users
- Battery Life – One Year

Mechanical Components:
- Medium Duty Commercial, Grade 2
- Door Thickness – 1-3/8” – 1-3/4” Thick Doors
- Key Override – Uses a key-in-lever cylinder available in a CS keyway
- Weather Resistant – Full Wrap Around Gasket on Both Sides
- Door Prep – Standard Prep; 2-1/8” Through Hole, 1” Bore Hole For Latch
- Backset – Adjustable 2-3/8” to 2-3/4”
- Warranty – 1 year electronic, lifetime mechanical and finish for residential use.
  - 1 year electronic, 3 years mechanical and finish for commercial use.

Finishes:

Functions:
- V3-51 Touchscreen
Revolution Stand-Alone Touchscreen Leverlock

Premier Product

Design:

Touchscreen Leverlock Interior

Touchscreen Leverlock Exterior

Finishes:

<table>
<thead>
<tr>
<th>BMHA</th>
<th>U.S. Equiv</th>
<th>Arrow Equiv</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>US3</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>614</td>
<td>US10BL</td>
<td>10BP</td>
<td>Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>619</td>
<td>US15</td>
<td>15</td>
<td>Nickel Plated</td>
</tr>
</tbody>
</table>

ARROW FUNCTION DESCRIPTION

V351 Touchscreen with Key Override

- For doors that require optional mechanical key override.
- Latchbolt retracted by lever outside with valid pincode; by use of mechanical key, or by operating lever inside.
- Inside lever always active.
- Deadlocking latchbolt.

Order Example:

Series: V3
Function: 51 (Touchscreen w/key override)
Finishes: 03 (US3)
10BP (US10BL)
15 (US15)
Keyway: CS

Example: To order a Revolution stand-alone touchscreen leverlock in satin nickel finish, with an adjustable backset for 2-3/8” or 2-3/4”, CS keyway, keyed different:

Specify: V3 51 LR 15 V3S V3L CS KD

ASSA ABLOY, the global leader in door opening solutions
How to Install:

**Revolution Stand-Alone Touchscreen Leverlock**

**Premier Product**

**Thru-Bolts**
- Pan Head Machine Screws
  - M6 x 59.5mm
  - 1/4" rad.

**Flat Head “Combo” Screws**
- M6 x 19mm
- 8-32 x 3/4"

**“Combo” Screws**
- Flat Head
- M6 x 19mm
- 8-32 x 3/4"

**Pan Head Machine Screws**
- M4 x 8mm
- 8-32 x 5/16"

**Cable V351**

**Touchscreen**

**Inside Mounting Plate**

**V3L Latchbolt**

**V3S Strike Plate**

**Outside Escutcheon**

**Inside Escutcheon**

**Battery Cover**

**Outside Assembly**

**Inside Assembly**

ASSA ABLOY, the global leader in door opening solutions
Arrow Pointe interchangeable core products offer dealers unlimited flexibility and keying options. Available in standard 6 and 7 pin format in Arrow and competitive keyways, dealers can install Arrow Pointe in new or existing key systems. Arrow’s unique manufacturing process gives Arrow Pointe interchangeable cores unmatched strength and durability. The core features four main components: The plug, shell, sleeve and faceplate. Our precision engineering design, keying capability and availability make Arrow Pointe interchangeable cores our most specified brand for commercial, industrial and institutional applications.

Features:
- Solid Brass Construction
- Reinforced Sleeve Design
- Combinated or Uncombinated
- US26D or US4 finish

Arrow Keyways:
- 1C & 1D Standard
- Competitive Keyways Available
- Restricted Keyways Available — Consult Factory

Arrow & Competitor Keyways:

SFIC Cores With Alternate Slide Cover

Cat No. Description

100CR 6 Pin Combinated Core
100CR-UC 6 Pin Uncombinated Core
7100CR 7 Pin Combinated Core
7100CR-UC 7 Pin Uncombinated Core
C x Keyway 6/7 Pin Key Blank
CP x Keyway 6/7 Pin Key Blank, Plain Bow

ASSA ABLOY, the global leader in door opening solutions
The Pointe Flex System offers a totally new concept in interchangeable core key control. The system employs a unique core security feature and patented key design. The unique feature is the pin assembly which runs through the center of the core keyway preventing standard competitive interchangeable core keys from entering the lock cylinder. Only the patented Pointe Flex key can operate locks with the Pointe Flex cylinder. All keyways are restricted and will be issued on a contractual basis, determined by geographical availability. Pointe Flex enables you to create a high/low system, by incorporating core with and without the pin assembly, greatly enhancing flexibility.

Features:
- Available 6 and 7 pin
- Solid brass construction
- Reinforced sleeve design
- Combinated or Uncombinated
- US26D or US4 finish

Arrow Keyways:
Restricted keyways—consult factory for availability.

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>X1CR</td>
<td>6 Pin Core Combinated</td>
</tr>
<tr>
<td>X71CR</td>
<td>7 Pin Core Combinated</td>
</tr>
<tr>
<td>X1CR-UC</td>
<td>6 Pin Core Uncombinated</td>
</tr>
<tr>
<td>X71CR-UC</td>
<td>7 Pin Core Uncombinated</td>
</tr>
</tbody>
</table>

Pointe Flex Key Blanks:
Nickel Silver

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHX x Keyway</td>
<td>6 or 7 Pin Key Blank, with hole in blade</td>
</tr>
<tr>
<td>CH x Keyway</td>
<td>6 or 7 Pin Key Blank without hole in blade</td>
</tr>
</tbody>
</table>

* Dualevel Masterkeying Capabilities.

* Door “F” uses Flexcore within masterkey system.
The Arrow SFIC keyway Cam Locks offer a retrofit option for keying into existing SFIC system with a 3/4” cylinder. The Arrow Cam Locks are available in all of the Arrow (with the exception of Flex) and the most popular competitor keyways, providing a wide selection for almost any retrofit application.

The Arrow cam locks are ideal for us on cabinets, desks, elevators, alarm panels or other applications to secure valuable data or information.

Our precision engineering and design, keying capabilities and availability make the Arrow Cam Locks an ideal solution for commercial, industrial and institutional applications.

**Features:**
- Fits any standard 3/4" Double D Hole (Double D Washer included for round hole mounting.)
- Typical uses include drawers, cabinets, secure enclosures, retail fixtures, vending equipment, medical carts and storage, utility boxes
- Cam motion operation — 90 degree, Clockwise or Counterclockwise, Locked Position at 3, 6, 9, or 12 o’clock
- Key motion operation — 90 degree captive (KR), 360 degree non-captive (NKR)

**Finishes:**
US26D (626)

**Standard Kit Includes:**
- Offset cam
- 360° Drive Plate (NKR)
- 90° Drive Plate (KR)
- Drive pin
- 2 Plate screws
- Hex nut
- Double D Mounting Washer
- 1/4” spacer

**Available Spacers:**
1/16", 1/8", 3/16", 1/4” (included in kit), 5/16", 3/8", 7/16"

**How To Order:**
Sub-Assembled Kit – CLK-10-(Specify Keyway).26D.
Assembled Units – CLK-11- (Specify Keyway).26D*.

Example: CLK-10-1D.26D.

*Standard keying is KD. KA keying also available. Factory master-keyed orders are subject to standard keying charges.

When purchasing the cam lock sub assembled, the cap is required and needs to be purchased separately.
The Sliding Door Core is an addition to the Arrow Pointe SFIC Pointe product line, the SD series. This core is used to retrofit existing sliding door housings such as the Best® 4573 and Olympus Lock® 723S sliding door cylinder housing.

This style core is used in conjunction with housings designed to work in display cabinets and storage areas using sliding door panels to secure valuables behind class panels and doors made of other building materials.

Our precision engineering design, keying capability and availability make Arrow Pointe interchangeable cores our most specified brand for commercial, industrial and institutional applications.

**Features:**
- Reinforced Sleeve Design
- Barrell Cap Design
- Solid Brass Construction

**Finishes:**
US26D & US4 finishes.

**Pinning:**
7 Pin: SD7100CR x Keyway — Combinated & Uncombinated.

**Arrow Keyways:**
1C & 1D Standard keyways or unpublished restricted keyways available — consult factory for availability.

**Pointe Key Blanks:**
Nickel Silver

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>C x Keyway</td>
<td>7 Pin Key Blank</td>
</tr>
<tr>
<td>CP x Keyway</td>
<td>7 Pin Key Blank, Plain Bow</td>
</tr>
</tbody>
</table>

**Competitive Keyways:**
AB, BB, CB, DB, EB, FB, GB, HB, JB, KB, LB, MB, QB, RB, TA, TB, TC, TD, TE, WA, WB, WC, WG, WH, WY

---

**Arrow & Competitor Keyways:**

![Key Blanks Diagram]
**Mortise Cylinder Housings:**
- Body-Brass, 1-5/32" diameter
- Furnished-with cam, cylinder collar
- Length-1-1/8" 6 pin only; 1-1/4' 6 or 7 pin

**Rim Cylinder Housing:**
- Body-Brass, 1-5/32" diameter; 6 or 7 pin tumbler
- Furnished-with backplate, cylinder collar 2 screws, tailpiece

**IC Housings:**

<table>
<thead>
<tr>
<th>Description (16CR-001 cam supplied unless otherwise specified)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-pin housings, 1-1/8&quot;</td>
<td>Standard 16CR-16X (cam)</td>
</tr>
<tr>
<td></td>
<td>Tapered 16CRT-16XAR18</td>
</tr>
<tr>
<td>7-pin housings, 1-1/4&quot;</td>
<td>Standard 16CR-27X (cam)</td>
</tr>
<tr>
<td></td>
<td>Tapered 16CRT-27XAR18</td>
</tr>
</tbody>
</table>

**Rim Housings**

<table>
<thead>
<tr>
<th>Description (001 cam supplied unless otherwise specified)</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-pin housing</td>
<td>16CR-16X (cam)</td>
</tr>
<tr>
<td>7-pin housing</td>
<td>16CRT-16XAR18</td>
</tr>
</tbody>
</table>

**Plus Housings:**

<table>
<thead>
<tr>
<th>Description (001 cam supplied unless otherwise specified)</th>
<th>Part No.</th>
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</thead>
<tbody>
<tr>
<td>6-pin housings, 1-1/8&quot;</td>
<td>Standard 16CR-16X (cam)</td>
</tr>
<tr>
<td></td>
<td>Tapered 16CRT-16XAR18</td>
</tr>
<tr>
<td>7-pin housings, 1-1/4&quot;</td>
<td>Standard 16CR-27X (cam)</td>
</tr>
<tr>
<td></td>
<td>Tapered 16CRT-27XAR18</td>
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</table>

**Spacers:**

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>16CR-123-1</td>
<td>1/8&quot; Spacer - Blocking Ring</td>
</tr>
<tr>
<td>16CR-123-2</td>
<td>1/4&quot; Spacer - Blocking Ring</td>
</tr>
<tr>
<td>16CR-123-3</td>
<td>3/8&quot; Spacer - Blocking Ring</td>
</tr>
<tr>
<td>16-113A</td>
<td>Cylinder Collar &amp; Spring</td>
</tr>
</tbody>
</table>

ASSA ABLOY, the global leader in door opening solutions
Cylinders & IC Products – Cams and Tailpieces

Cams:

• Staked cams for standard mortise cylinder housing

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>FUNCTIONS &amp; APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>16CR-001</td>
<td>12, 17, 22, 23, 24, 27, 32</td>
</tr>
<tr>
<td>16CR-AM2</td>
<td>11, 13, 15, 16, 19, 20, 21, 31, 32</td>
</tr>
<tr>
<td>16CR-004</td>
<td>N Series, Exit Device, Exit Alarms</td>
</tr>
<tr>
<td>16CR-006</td>
<td>Schlage</td>
</tr>
<tr>
<td>16CR-AR18</td>
<td>Adams Rite</td>
</tr>
</tbody>
</table>

• Screw on cams for Plus IC Housings

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>FUNCTIONS &amp; APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>12, 17, 22, 23, 24, 27, 32</td>
</tr>
<tr>
<td>AM2</td>
<td>11, 13, 15, 16, 19, 20, 21, 31, 32</td>
</tr>
<tr>
<td>004</td>
<td>N Series, Exit Device, Exit Alarms</td>
</tr>
<tr>
<td>006</td>
<td>Schlage</td>
</tr>
<tr>
<td>AR18</td>
<td>Adams Rite</td>
</tr>
</tbody>
</table>

Tailpieces:

• For Pointe and Pointe Flex IC Cores.

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCR-44-201</td>
<td>Q, W, &amp; ML Series (Except 19 &amp; 15 Functions)</td>
</tr>
<tr>
<td>HSTCR-44-201</td>
<td>Q &amp; W Series (19 Function only)</td>
</tr>
<tr>
<td>550CR-44-201</td>
<td>MK Series</td>
</tr>
<tr>
<td>100CR-44-201</td>
<td>H Series (Except 19 &amp; 15 Functions)</td>
</tr>
<tr>
<td>100TCR-44-201</td>
<td>H Series (19 Function only)</td>
</tr>
<tr>
<td>HS100CR-44-201</td>
<td>S Series (Except 19 &amp; 15 Functions)</td>
</tr>
<tr>
<td>HS100TCR-44-201</td>
<td>S Series (19 Function only)</td>
</tr>
</tbody>
</table>

• Tailpieces for use with Plus IC cores only.

<table>
<thead>
<tr>
<th>CAT NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH-44-201</td>
<td>H Series Knob - 6, 7 pin (Except 15 &amp; 19 Functions)</td>
</tr>
<tr>
<td>CH9-44-201</td>
<td>H Series Knob - 6, 7 pin (19 Function only)</td>
</tr>
<tr>
<td>SSCH-44-201</td>
<td>S Series Knob - 6, 7 pin (Except 15 &amp; 19 Functions)</td>
</tr>
<tr>
<td>SSCH9-44-201</td>
<td>S Series Knob - 6, 7 pin (19 Function only)</td>
</tr>
<tr>
<td>CL-44-201</td>
<td>ML, W, Q, Series Levers - 6, 7 pin (Except 19 &amp; 19 Functions)</td>
</tr>
<tr>
<td>CL9-44-201</td>
<td>Q &amp; W Series Levers - 6, 7 pin (19 &amp; all Overdrive Functions)</td>
</tr>
<tr>
<td>CM-44-201</td>
<td>MK Series Knob - 6, 7 pin</td>
</tr>
</tbody>
</table>

Tailpiece is not required for 15 function
All 6 and 7 pin tailpieces sold together as kit

ASSA ABLOY, the global leader
in door opening solutions
Cylinders & IC Products – Cylinders

Mortise Cylinders:

General Specifications:
- **Body** – Brass, 1-5/32” (29.37mm) diameter. Six pin tumbler cylinder.
- **Furnished** – Standard with cylinder collar.
- **Length** – 1-1/8” (28.57mm), 1-1/4” (31.75mm), 1-1/2” (38mm), 2” (51mm).
- **Scalp** – Brass, Bronze.

Finish:

Rim Cylinders:

General Specifications:
- **Body** – Brass, 1-5/32” (29.37mm) diameter. Six pin cylinder. Furnished with back plate, 2 Screws (2” door max.), tailpiece and cylinder collar.
- **Scalp** – Brass, Bronze.

Finish:

Cylindrical Lock Cylinders:

General Specifications:
- **Body** – Solid brass pin tumbler 6 chambers. Pinned 5 for Grade 2 Locksets. Pinned 6 for Grade 1 locksets and all hotel locksets.

Finish:
- US4, US26D.

Deadlock Cylinders:

General Specifications:

Finish:
- US4, US26D.

---

<table>
<thead>
<tr>
<th>Product Line</th>
<th>AM/BM</th>
<th>CK</th>
<th>CL</th>
<th>D</th>
<th>E</th>
<th>GL</th>
<th>H</th>
<th>HK</th>
<th>MK</th>
<th>ML</th>
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<tbody>
<tr>
<td>Cylinder</td>
<td>MC61-0011</td>
<td>100YC1</td>
<td>100Y1-750</td>
<td>96C6</td>
<td>96DC6</td>
<td>100C6</td>
<td>100DC6</td>
<td>600HD-GL</td>
<td>600HD</td>
<td>600HD</td>
</tr>
<tr>
<td></td>
<td>MC61-AM2</td>
<td>100Y1</td>
<td>100YC1-750</td>
<td>692C6</td>
<td>692DC6</td>
<td>100C6</td>
<td>100DC6</td>
<td>600HD-GL</td>
<td>600HD</td>
<td>600HD</td>
</tr>
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<table>
<thead>
<tr>
<th>Product Line</th>
<th>MLX</th>
<th>N</th>
<th>Q</th>
<th>QL</th>
<th>RK</th>
<th>RL</th>
<th>RLX</th>
<th>V1</th>
<th>V2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder</td>
<td>600HD</td>
<td>600HD</td>
<td>600HD</td>
<td>600HD-RLX</td>
<td>100C-V1</td>
<td>96C-V2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. For mortise functions 12, 17, 22, 23, 24, 27, 32 (i/s), 33, 37
2. For mortise functions 11, 13, 19, 20, 21, 31, 32 (o/s), 34, 38, 40, 41, 42, 44
3. Except for trims with a “B” knob
4. For trims with a “B” knob
5. For single cylinder function
6. For double cylinder function
7. For E41 function
8. For E42 function

ASSA ABLOY, the global leader in door opening solutions
Arrow mortise locks are intended for heavy duty use in schools, hospitals and commercial buildings where security, durability and low maintenance are required. They are engineered for strength and performance, and precisely manufactured to exacting standards.

Certification/Compliance:  
ANSI  
Meets A156.13 Series 1000, Operational Grade 1.  
Federal  
UL/ULC Positive Pressure  
All locks listed for A Label and lesser class doors, 4" (122cm) x 10" (305cm) single or 8" (244cm) x 10" (305cm) pair. Letter F and UL symbol on armored front indicate listing. California State Reference Code All levers with returns comply; levers return to within 1/2" (13mm) of door face.

ADA/Americans with Disabilities Act:  
Acceptable Door Hardware: Section 4.13.9  
Handles, pulls, latches and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require grasping, tight pinching or twisting of the wrist to operate. Lever operated mechanisms, push-type mechanisms and “U” shaped handles are acceptable designs.  
Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

Features:  
Handing – Handed; field reversible. The lockset can be re-handed without disassembling the lock case.  
Door Thickness – 1-3/4" (4mm) standard.  
Backset – 2-3/4" (70mm).  
Lockcase – Heavy gauge steel, with zinc dichromate finish for corrosion resistance. 5-7/8" (149mm) x 4" (102mm) x 15/16" (24mm).  
Armored Front – Heavy gauge steel, 8" (203 mm) x 1-1/4" (32mm) x 3/32" (2mm). Accommodates flat doors and doors beveled 1/8" (3mm) in 2" (51mm).  
Faceplate – Wrought brass, bronze or stainless steel. Attached by machine screws to lockcase front.  
Latchbolt – Stainless steel, 2 piece mechanical with anti-friction insert. 5/8" (16mm) x 1" (25mm) x 3/4" (19mm) throw.  
Auxiliary Latchbolt – 9/16" (14mm) effective throw and 3/8" (10mm) effective auxiliary latch deadlocking.  
Deadbolt – One-piece stainless steel, 19/32" (15mm) x 1 1/4" (32mm) x 1" (25mm) throw.  
Hub – Knob: nickel steel, 5/16" (8mm) and 9/32". Lever: nickel steel, 5/16" (8mm).  
Spacing – Center to center, hub to cylinder: 3-5/8" (92mm). Center to center, hub to turnpiece 2-7/16" (62 mm).
AM/BM Series Mortise Locks

Premier Product

**Finishes:**

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>US3</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>606</td>
<td>US4</td>
<td>04</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>612</td>
<td>US10</td>
<td>10</td>
<td>Satin Bronze</td>
</tr>
<tr>
<td>613</td>
<td>US10B</td>
<td>10B</td>
<td>Dark Oxide Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>614</td>
<td>US10BL</td>
<td>10BP</td>
<td>Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>625</td>
<td>US26</td>
<td>26</td>
<td>Bright Chromium Plated</td>
</tr>
<tr>
<td>626</td>
<td>US26D</td>
<td>26D</td>
<td>Satin Chromium Plated</td>
</tr>
<tr>
<td>629</td>
<td>US32</td>
<td>32</td>
<td>Bright Stainless Steel</td>
</tr>
<tr>
<td>630</td>
<td>US32D</td>
<td>32D</td>
<td>Satin Stainless Steel</td>
</tr>
</tbody>
</table>

**Applications:**

Arrow mortise locks are offered in a complete range of functions designed for commercial, institutional and industrial applications. They are engineered for strength and performance, and precisely manufactured to exacting standards.

A wide selection of trim designs and functions are offered which meet or exceed the performance requirements of ANSI Grade 1.

Arrow mortise locks can be found in the following types of facilities:

- Schools
- Office Buildings Facilities
- Multi-Family Housing
- Hospitals
- Government

**Advantages:**

- Easily reversible, enabling the user to reverse hands without disassembling lock case.
- Meets or exceeds ANSI operational Grade 1 requirements.
- Throughbolted trim designs for proper alignment and increased security.
- Many trim designs to complement Arrow cylindrical locks and exit device trims.
- Keyed into new or existing Arrow or competitive master key systems.

*Note: Not all trim designs available in all finishes.*
### AM/BM Series Mortise Locks

**Premier Product**

<table>
<thead>
<tr>
<th>ARROW</th>
<th>FUNCTION</th>
<th>ANSI/ FEDERAL #</th>
<th>AM SERIES</th>
<th>BM SERIES</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Passage</td>
<td>F01/86N</td>
<td></td>
<td></td>
<td>Latchbolt by knob/lever either side</td>
</tr>
<tr>
<td>02</td>
<td>Privacy</td>
<td>F19/86L</td>
<td></td>
<td></td>
<td>Latchbolt by knob/lever either side, except when outside is locked by turnpiece inside. Outside emergency release or operating from inside unlocks lock. Inside knob/lever retracts both bolts.</td>
</tr>
<tr>
<td>07</td>
<td>Exit</td>
<td></td>
<td></td>
<td></td>
<td>Latchbolt by knob/lever inside. Auxiliary latchbolt deadlocks latchbolt. No outside trim.</td>
</tr>
<tr>
<td>08</td>
<td>Single Dummy</td>
<td></td>
<td></td>
<td></td>
<td>Rigid knob/lever one side of door only. Plug through edge of door ensures stability.</td>
</tr>
<tr>
<td>09</td>
<td>Double Dummy</td>
<td></td>
<td></td>
<td></td>
<td>Rigid knob/lever both sides of door. Plug through edge of door ensures stability.</td>
</tr>
<tr>
<td>11</td>
<td>Apartment/Front Door</td>
<td>F12/86F</td>
<td></td>
<td></td>
<td>Latchbolt by knob/lever either side except when outside knob/lever is locked by stopworks in lock front, or when the deadbolt is projected. Deadbolt operates by key outside and turnpiece inside. Turning inside knob/lever will retract latchbolt and deadbolt simultaneously.</td>
</tr>
<tr>
<td>12</td>
<td>Storeroom</td>
<td>F07/86EW</td>
<td></td>
<td></td>
<td>Outside knob/lever always rigid. Latchbolt retracted only by key outside or by inside knob/lever. Auxiliary latchbolt deadlocks latchbolt.</td>
</tr>
<tr>
<td>13</td>
<td>Apartment/Front Door</td>
<td>F21/86B</td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side. Deadbolt operated by key outside and turnpiece inside. When deadbolt is projected, key outside will retract deadbolt, then latchbolt.</td>
</tr>
<tr>
<td>15</td>
<td>Hotel</td>
<td>F15/86H</td>
<td></td>
<td></td>
<td>Inside knob/lever always free, while outside knob/lever is always rigid. Latchbolt operated by knob/lever inside and by key outside. All keys except emergency keys are shut out when deadbolt is projected by turnpiece inside. Turning inside knob/lever will retract both the deadbolt and the latchbolt simultaneously. Auxiliary latchbolt deadlocks latchbolt. Furnished with visual indicator button.</td>
</tr>
<tr>
<td>16</td>
<td>Hotel</td>
<td>F15/86H</td>
<td></td>
<td></td>
<td>Inside knob/lever always free, while outside knob/lever is always rigid. Latchbolt operated by knob/lever inside and by key outside. All keys except emergency keys are shut out when deadbolt is projected by turnpiece inside. Turning inside knob/lever will retract both the deadbolt and the latchbolt simultaneously. Auxiliary latchbolt deadlocks latchbolt.</td>
</tr>
</tbody>
</table>
## AM/BM Series Mortise Locks

### Premier Product

<table>
<thead>
<tr>
<th>ARROW</th>
<th>FUNCTION</th>
<th>ANSI/ FEDERAL #</th>
<th>AM SERIES</th>
<th>BM SERIES</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Classroom</td>
<td>F05/86J</td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side, except when outside knob/lever is locked by key outside. Key operates latch or unlocks outside knob/lever. Inside knob/lever is always free. Auxiliary latchbolt deadlocks latchbolt.</td>
</tr>
<tr>
<td>19</td>
<td>Dormitory/Exit</td>
<td>F13/86FW</td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side. When outside knob/lever is locked by projected deadbolt, (by inside turnpiece or outside key) key outside will retract deadbolt, then latchbolt. Turning inside knob/lever will retract latchbolt and deadbolt simultaneously, which will unlock outside knob/lever. When deadbolt is projected, the latchbolt is deadlocked.</td>
</tr>
<tr>
<td>20</td>
<td>Entrance/Dormitory</td>
<td>F20</td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side, except when outside knob/lever is locked by stopworks in lock front, or by projecting deadbolt by turnpiece inside or key outside. Turning inside knob/lever will retract latchbolt and deadbolt simultaneously. Deadbolt operated by turnpiece inside or key outside. When deadbolt is projected the latchbolt is deadlocked. Auxiliary latchbolt deadlocks latchbolt.</td>
</tr>
<tr>
<td>21</td>
<td>Front Door</td>
<td>F08,F10/86A</td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side except when outside knob/lever is locked by stopworks in lock front. Deadbolt is operated by turnpiece inside. Key outside operates both bolts.</td>
</tr>
<tr>
<td>22</td>
<td>Office</td>
<td>F04/86E</td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side except when outside knob/lever is locked by stopworks in lock front then operated by key outside. Auxiliary latchbolt deadlocks latchbolt.</td>
</tr>
<tr>
<td>23</td>
<td>Vestibule</td>
<td></td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side, except when outside knob/lever is locked by stopworks in lock front, then operated by key outside.</td>
</tr>
<tr>
<td>24</td>
<td>Storeroom</td>
<td></td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever inside and by key outside. Outside knob/lever always rigid. Inside knob/lever always free.</td>
</tr>
<tr>
<td>26</td>
<td>Privacy</td>
<td>F22/86L</td>
<td></td>
<td></td>
<td>Latchbolt by knob/lever either side, except when outside is locked by turnpiece inside. Operating inside knob/lever, closing door, or with outside emergency release unlocks outside.</td>
</tr>
<tr>
<td>27</td>
<td>Institutional</td>
<td></td>
<td></td>
<td></td>
<td>Latchbolt by knob/lever either side, except when Privacy outside is locked by turnpiece inside. Operating inside knob/lever or closing door unlocks outside. Key outside retracts latch at all times, even if thumbturn is held in locked position. Auxiliary latch deadlocks latchbolt.</td>
</tr>
<tr>
<td>31</td>
<td>Storeroom</td>
<td>F14/86C</td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side. Deadbolt is operated by key from either side. When deadbolt is projected, key either side will retract deadbolt, then latchbolt.</td>
</tr>
</tbody>
</table>

ASSA ABLOY, the global leader in door opening solutions
## AM/BM Series Mortise Locks

### Premier Product

<table>
<thead>
<tr>
<th>ARROW</th>
<th>FUNCTION</th>
<th>ANSI/ FEDERAL #</th>
<th>AM SERIES</th>
<th>BM SERIES</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>Vestibule</td>
<td>F09/86G</td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side, except when outside knob/lever is locked by key from the inside cylinder. When outside knob/lever is locked, latchbolt is retracted by key outside or by knob/lever inside. Auxiliary latchbolt deadlocks latchbolt.</td>
</tr>
<tr>
<td>33</td>
<td>Storeroom</td>
<td>F30</td>
<td></td>
<td></td>
<td>Both knobs/levers rigid at all times. Auxiliary latchbolt deadlocks latchbolt. Latchbolt operated only by key from either side.</td>
</tr>
<tr>
<td>34</td>
<td>Storeroom</td>
<td>F35</td>
<td></td>
<td></td>
<td>Latchbolt operated by knob/lever either side except when the outside knob/lever is locked by stop works in lock front then operated by key outside or by knob/lever inside. Deadbolt operated by key from either side.</td>
</tr>
<tr>
<td>37</td>
<td>Classroom</td>
<td>F32</td>
<td></td>
<td></td>
<td>Latchbolt by knob/lever either side. Except when outside is locked from inside or outside by key. When outside is locked, latchbolt is retraced by key from inside or outside or by operating inside knob/lever. Auxiliary latch deadlocks latchbolt.</td>
</tr>
<tr>
<td>38</td>
<td>Classroom</td>
<td></td>
<td></td>
<td></td>
<td>Latchbolt by lever from either side unless outside lever is locked by projection of deadbolt. Deadbolt thrown by key from either side. Inside lever simultaneously retracts latchbolt and deadbolt, outside lever remains locked. Retracting latchbolt by key unlocks outside lever. Auxiliary latch deadlocks latchbolt.</td>
</tr>
<tr>
<td>40</td>
<td>Deadlock</td>
<td>F18/86S</td>
<td></td>
<td></td>
<td>Deadbolt operated only by key outside. (No trim)</td>
</tr>
<tr>
<td>41</td>
<td>Deadlock</td>
<td>F17/86P</td>
<td></td>
<td></td>
<td>Deadbolt operated by key outside and turnpiece inside. (No trim)</td>
</tr>
<tr>
<td>42</td>
<td>Deadlock</td>
<td>F16/86T</td>
<td></td>
<td></td>
<td>Deadbolt operated by key from either side. (No trim)</td>
</tr>
<tr>
<td>44</td>
<td>Classroom</td>
<td></td>
<td></td>
<td></td>
<td>Deadbolt by key outside. Turnpiece will retract but will not project bolt.</td>
</tr>
</tbody>
</table>

### Electrical Lock Functions:

<table>
<thead>
<tr>
<th>AM17/BM17 SUFFIX</th>
<th>VOLTAGE</th>
<th>CURRENT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>177</td>
<td>12V AC/DC</td>
<td>612mA</td>
<td>FAIL SAFE: Power on locks outside lever. Inside lever always free. Latch retracted by key when locked electrically.</td>
</tr>
<tr>
<td>179</td>
<td>24V AC/DC</td>
<td>330mA</td>
<td></td>
</tr>
<tr>
<td>181</td>
<td>12V AC/DC</td>
<td>612mA</td>
<td>FAIL SECURE: Power off locks outside lever. Inside lever always free. Latch retracted by key when locked electrically.</td>
</tr>
<tr>
<td>183</td>
<td>24V AC/DC</td>
<td>330mA</td>
<td></td>
</tr>
</tbody>
</table>

ASSA ABLOY, the global leader in door opening solutions
Reversing Hand:

Mortise Locksets AM/BM Series
Please read completely before proceeding and review the drawing below.

**Minimal force is required to reverse handing.**
1. Remove the armored front.
2. Remove the lockset from the door.
3. Fully depress the latchbolt and hold in the depressed position.
4. With minimal force, depress the catch plate, located at the end of the latchtail, through the oblong cutout in the lockcase cap. While depressing the catch plate, release the latchbolt and remove latch from the lock.
5. Turn the latchbolt over and reinstall into the lock.
6. Depress the latchbolt until it re-engages the tail socket.
7. Remove the red headed screw from the stopworks and place it in the stopworks on the opposite side of the case.
8. Loosen the front screw to change the bevel. Tighten the front screws.
9. Reinstall the lock and armored front into the door.
10. If changing bevel only, i.e. RH to RHR. Omit step 7.
Premier Product

**AM/BM Series Mortise Locks – AM Series Knob Designs**

**HBHD**
- Knob: HB
- Rose: HD
- Heavy Wrought Brass, Bronze or Stainless Steel

**HBHA**
- Knob: HB
- Rose: HA
- Heavy Wrought Brass, Bronze or Stainless Steel
- Also Available with HB Rose

**HBG**
- Knob: HB
- Rose: G
- Wrought Brass, Bronze or Stainless Steel

**HBH**
- Knob: HB
- Escutcheon: H
- Heavy Wrought Knob
- Wrought Escutcheon
- Brass, Bronze or Stainless Steel

**HTHA**
- Knob: HT
- Rose: HA
- Heavy Wrought Brass or Bronze

**HTHD**
- Knob: HT
- Rose: HD
- Heavy Wrought Brass, Bronze or Stainless Steel

**HTG**
- Knob: HT
- Escutcheon: G
- Wrought Escutcheon
- Brass, Bronze or Stainless Steel

**HTH**
- Knob: HT
- Escutcheon: H
- Heavy Wrought Knob
- Wrought Escutcheon
- Brass, Bronze or Stainless Steel

---

ASSA ABLOY, the global leader in door opening solutions
AM/BM Series Mortise Locks – AM Series Knob Designs

Premier Product

BD
Knob: B
Rose: D
Wrought Brass or Bronze
Also Available with A Rose

BG
Knob: B
Escutcheon: G
Wrought Brass or Bronze

BH
Knob: B
Escutcheon: H
Wrought Brass or Bronze

TA
Knob: T
Rose: A
Wrought Brass or Bronze
Also Available with D Rose

TG
Knob: T
Escutcheon: G
Wrought Brass or Bronze

TH
Knob: T
Escutcheon: H
Wrought Brass or Bronze

ASSA ABLOY, the global leader
in door opening solutions
AM/BM Series Mortise Locks – BM Series Lever Designs

Premier Product

Broadway:

- **BRL**
  - Lever: BR - Cast
  - Rose: L - Wrought Brass, Bronze or Stainless Steel

- **BRG**
  - Lever: BR - Brass or Bronze
  - Escutcheon: G - Brass or Bronze or Stainless Steel

- **BRH**
  - Lever: BR - Cast
  - Escutcheon: H - Wrought Brass, Bronze or Stainless Steel

Hastings:

- **HSL**
  - Lever: HS - Cast
  - Rose: L - Brass, Bronze or Stainless Steel

- **HSG**
  - Lever: HS - Cast
  - Escutcheon: G - Wrought Brass, Bronze or Stainless Steel

- **HSH**
  - Lever: HS - Cast
  - Escutcheon: H - Wrought Brass, Bronze or Stainless Steel

Javelin:

- **JL**
  - Lever: J - Forged Brass or Cast Bronze
  - Rose: L - Wrought Brass or Bronze

- **JG**
  - Lever: J - Forged Brass or Cast Bronze
  - Escutcheon: G - Wrought Brass, Bronze or Stainless Steel

- **JH**
  - Lever: J - Forged Brass or Cast Bronze
  - Escutcheon: H - Wrought Brass, Bronze or Stainless Steel
AM/BM Series Mortise Locks – BM Series Lever Designs

**Premier Product**

**Neo:**
- NL: Lever: N - Brass, Bronze or Stainless Steel
  - Rose: L - Brass, Bronze or Stainless Steel
- NG: Lever: N - Brass, Bronze or Stainless Steel
  - Escutcheon: G - Brass, Bronze or Stainless Steel
- NH: Lever: N - Brass, Bronze or Stainless Steel
  - Escutcheon: H - Brass, Bronze or Stainless Steel

**Ventura:**
- VL: Lever: V - Forged Brass, Cast Bronze or Stainless Steel
  - Rose: L - Wrought Brass, Bronze or Stainless Steel
- VG: Lever: V - Forged Brass, Cast Bronze or Stainless Steel
  - Escutcheon: G - Wrought Brass, Bronze or Stainless Steel
- VH: Lever: V - Forged Brass, Cast Bronze or Stainless Steel
  - Escutcheon: H - Wrought Brass, Bronze or Stainless Steel

**Wave:**
- WL: Lever: W - Brass, Bronze or Stainless Steel
  - Rose: L - Brass, Bronze or Stainless Steel
- WG: Lever: W - Brass, Bronze or Stainless Steel
  - Escutcheon: G - Brass, Bronze or Stainless Steel
- WH: Lever: W - Brass, Bronze or Stainless Steel
  - Escutcheon: H - Brass, Bronze or Stainless Steel
AM/BM Series Mortise Locks – BM Series Lever Designs

Premier Product

Xavier:

ANSI Straight Lip (standard)
- Brass or bronze
- Non-handed
- 4-7/8” (124mm) x 1-1/4” (32mm) x 1-1/8” (29mm) lip to center
- Optional lip lengths: 7/8” (22mm), 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)

ANSI Curved Lip
- Brass or bronze
- Handed
- 4-7/8” (124mm) x 1-1/4” (32mm) x 1-1/4” (32mm) lip to center
- Optional lip lengths: 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)

Strikes:

Latchbolt x Deadbolt
Functions: 02, 11, 13, 15, 16, 19, 20, 21, 31, 34, 38

Latchbolt Only
Functions: 01, 07, 12, 17, 22, 23, 24, 26, 27, 32, 33, 37

Deadbolt Only
Functions: 40, 41, 42, 44

PART NO. DESCRIPTION

460 Straight Lip
468 Curved Lip for RH
466 Curved Lip for LH

463 Straight Lip
464 Curved Lip for RH
462 Curved Lip for LH

456 Straight Lip

Note: Straight lip strikes are standard. Specify if curved lip strike is required.
AM/BM Series Mortise Locks

Premier Product

Cylinder:

**Cylinder**
- MC61 - 1-1/8” for 1-3/4” door. Collar-16-113A
- Hotel Cylinder
  For function 15 and 16.
- MCH61 - 1-18” for 1-3/4” door. Collar-16-113A
- Finishes - 3, 4, 10, 10B, 26, 26D.

Cylinder for Interchangeable Core
- 16CR-16 - 6pin-1-1/8”
- 16CR-27 - 6 or 7 pin 1-1/4”
- 16CRH-26 - 6 pin, hotel
- Collar - 16-113A
- Finishes - 3, 4, 10, 10B, 26, 26D

Cylinder Collars:

**I.C. Mortise Cylinder Collar 16-113A**
(Standard for 16CR-14, 16CR-26, 16CRH-26)

**I.C. Rim Cylinder Collar 16RC-113**
(Standard for 16CR-16, 16CR-27)

Spacer Rings:

**16CR-123-1**
1/8” Thick

**16CR-123-2**
1/4” Thick

**16CR-123-3**
3/8” Thick

Finishes - 3, 4, 10, 10B, 26, 26D.

Thumb Turn 16-17A:

- Furnished with rose trim. For escutcheon trim, thumb turn is mounted on escutcheon.
- Finishes - 3, 4, 10, 10B, 26, 26D.

Cams:

**001**
Used with functions 12, 17, 22, 23, 24, 27, 32 (I/S), 33, 37.

**AM2**
Used with deadbolt functions 11, 13, 15, 16, 19, 20, 21, 31, 32 (O/S), 34, 38, 40, 41, 42, 44.

ASSA ABLOY, the global leader in door opening solutions
Face Plates (Scalps):

<table>
<thead>
<tr>
<th>Part No.</th>
<th>AM-15-305</th>
<th>AM11-305</th>
<th>AM12-305</th>
<th>AM02-305</th>
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<tbody>
<tr>
<td>Function</td>
<td>15, 16, 38</td>
<td>11, 21, 34</td>
<td>07, 12, 17</td>
<td>02, 13, 19, 31</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part No.</th>
<th>AM22-305</th>
<th>AM23-305</th>
<th>AM41-305</th>
<th>AM01-305</th>
<th>AM20-305</th>
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<tbody>
<tr>
<td>Function</td>
<td>22</td>
<td>23</td>
<td>40, 41, 42, 44</td>
<td>01, 24, 26</td>
<td>20</td>
</tr>
</tbody>
</table>

Spindles:

**Knob Spindle**
- AM 385A–For trim with “H” escutcheon
- AM 386A–For trim with “G” escutcheon and all rose trim

**Lever Spindle**
- BM 385A–For trim with “H” escutcheon and rose trim
- BM 386A–For trim with “G” escutcheon

**NOTE:**
- AM 385A–Inside half-P/N-16-385
- Outside half-P/N-BM-383
- AM 386A–Inside half-P/N-16-385
- Outside half-P/N-BM-383-2

- BM 385A–Inside half (assembly with screw) 17S-384A
- Outside half-BM-383
- BM 386A–Inside half (assembly with screw) 17S-385A
- Outside half-BM-383-2
AM/BM Series Mortise Locks

Premier Product

Suggested Specification AM/BM:

All locksets shall be Mortise Locksets as supplied by Arrow Lock company.

Locks shall have all functions available in one size case, manufactured from heavy gauge steel, minimum thickness 3/32”, chrome plated for corrosion resistance and lubricity of parts. The handing of all locks shall be reversible without the disassembly of the lockcase. Cases are to be closed on all sides to protect internal parts. Locks are to have adjustable, beveled and armored fronts, standard 2-3/4" backset, a full 3/4" throw two-piece mechanical anti-friction latchbolt, and a one-piece stainless steel 1" throw deadbolt, and shall be available for a minimum door thickness of 1-3/8". Internal parts shall be heavy gauge steel, zinc dichromate plated for corrosion resistance.

All locksets with latchbolts, regardless of trim, shall be listed by Underwriters Laboratories for A label and lesser class doors, 4’ x 10’ single or 8’ x 10’ pair. Cylinder options shall include interchangeable core.

Lock trim (knob, lever, sectional or escutcheon) shall be throughbolted through the lockcase to assure correct alignment and proper operation.

Order Example:

Example: To order a AM Series Apartment function Mortise lock with HTHA design, satin chrome finish, with a straight lip strike, right handed, keyed different.

Specify:

<table>
<thead>
<tr>
<th>Standard</th>
<th>Function</th>
<th>Design</th>
<th>Finish</th>
<th>Strike</th>
<th>Handing</th>
<th>Keying</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM</td>
<td>11</td>
<td>HTHA</td>
<td>26D</td>
<td>460</td>
<td>RH</td>
<td>KD</td>
</tr>
<tr>
<td></td>
<td>Options</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Certification:

UBC-7(1997) and UL10C-Positive Pressure
Federal Specification FF0H-106G
ANSI A156.13 Series 1000, Operational Grade 1
ANSI A117.1, Accessibility Code, 1989 (Formerly Tile 19, California State Fire Marshal Standard) (lever handle trim).

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

All locksets shall carry a five-year limited warranty.
QL Series Cylindrical Lever Locks

Premier Product

The QL Series is a robust Grade 1 lockset featuring a Freewheeling Lever for abuse resistance, two screw lockset install for quick installation and a 10 Year Mechanical Warranty. The perfect solution for replacing or upgrading lockets in commercial applications.

Features:

Door Preparation – Requires standard 2-1/8” (53.97mm) bore through door.
Backset – 2-3/4” (69.85mm)
Door Thickness – Fits 1-3/8” (34.93mm) to 1-3/4” (44.45mm) doors standard.
Latch – Stainless Steel 1/2” (12.7mm) throw, UL Listed, guarded latchbolt on all locking functions
Latch Front – 1-1/8” x 2-1/4” for 2-3/4” (69.85mm) backset.
Exposed Trim – QL Levers are pressure cast zinc measuring 4-3/4” (120.65mm) in length. QL Roses are wrought brass 3-11/32” (84.8mm) diameter. Total projection from face of door is 2-17/32” (64.5mm).

Freewheeling Lever
Warranty – Ten Year Warranty
Handing – Non-handed
Packaging – 6 per case
Strike – 4-7/8” ANSI (123.83mm)
Cylinder – Solid brass 6 pin, Arrow AR and Schlage CS Keyway, keyed different
Keys – 2 brass keys

Certification & Compliance:

• Arrow QL Series Cylindrical Lever Locks are BHMA Grade 1 Certified, ANSI/BHMA A156.2, Series 4000
• All Arrow QL Series Locks are U.L. and c.U.L. list for use on 3 hour, A label or lesser doors
• Meets American with Disabilities Act Requirements

Finishes:

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equiv.</th>
<th>Arrow Equiv.</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>605</td>
<td>US3</td>
<td>03 Bright Brass</td>
</tr>
<tr>
<td>2</td>
<td>614</td>
<td>US108L</td>
<td>10BP Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>3</td>
<td>626</td>
<td>US26D</td>
<td>26D Satin Chromium Plated</td>
</tr>
</tbody>
</table>

Design:

Sierra – SB

Certification & Compliance:

BHMA CERTIFIED

ASSA ABLOY, the global leader in door opening solutions
QL Series Cylindrical Lever Locks

Premier Product

Functions:

<table>
<thead>
<tr>
<th>ARROW STANDARD</th>
<th>FUNCTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>QL01</td>
<td>Passage</td>
<td>Latchbolt operated by lever either side.</td>
</tr>
<tr>
<td>QL72</td>
<td>Privacy</td>
<td>Latchbolt operated by lever either side except when inside turnbutton locks outside. Unlocked by rotating button or by using tool outside.</td>
</tr>
<tr>
<td>QL08</td>
<td>1/2 Dummy Trim</td>
<td>Rigid trim for one side of door only. Used as pull or to match active trim.</td>
</tr>
<tr>
<td>QL81</td>
<td>Entrance</td>
<td>Latchbolt operated by lever either side except when outside lever is locked by turn-button inside. When outside lever is locked, latchbolt operated by key outside or turning inside lever. Inside button must be manually released.</td>
</tr>
<tr>
<td>QL82</td>
<td>Storeroom</td>
<td>Outside lever always locked. Latchbolt operated by key in outside lever, or by turning inside lever.</td>
</tr>
<tr>
<td>QL87</td>
<td>Classroom</td>
<td>Latchbolt operated by lever either side except when key outside locks outside lever. Inside lever always free. Key outside locks/unlocks outside lever only.</td>
</tr>
<tr>
<td>QL97</td>
<td>Intruder Classroom</td>
<td>Deadlocking latch bolt operated by lever from either side. Key either inside or outside locks or unlocks outside lever. Inside lever always operates latchbolt.</td>
</tr>
</tbody>
</table>

Latches & Strikes:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Q73</td>
<td>2 1/4&quot; dia.</td>
<td>Q71</td>
<td>2 1/4&quot; dia.</td>
<td>306</td>
<td>ANSI 115.2</td>
</tr>
<tr>
<td>1/2&quot; throw</td>
<td>1/2&quot; throw</td>
<td>1/2&quot; throw</td>
<td>1/4&quot; dia.</td>
<td>1/4&quot; dia.</td>
<td></td>
</tr>
</tbody>
</table>

Order Example:

Example: To order a QL Series entry function lockset with a Sierra design lever, satin stainless steel finish, with an Q71 strike, and 2-3/4" deadlocking latch, keyed different:

Specify:

- Standard: QL  
- Function: 81  
- Design: SB  
- Finish: 26D  
- Strike: 306  
- Latch: Q71  
- Keying: KD  
- Options (if required): XXX

ASSA ABLOY, the global leader in door opening solutions
QL Series Electro-Mechanical Cylindrical Lever Locks

**Premier Product**

Arrow electro-mechanical locksets can be integrated into life safety or security systems. Fail safe or fail secure options offer flexibility for most any application while meeting U.L. requirements for fire labeled doors.

**Features:**

- **Door Preparation** – Requires standard 2-1/8" (53.97mm) bore through door.
- **Backset** – 2-3/4" (69.85mm)
- **Door Thickness** – Fits 1-3/8" (34.93mm) to 1-3/4" (44.45mm) doors standard.
- **Latch** – Stainless Steel 1/2" (12.7mm) throw, UL Listed, guarded latchbolt on all locking functions
- **Latch Front** – 1-1/8" x 2-1/4" for 2-3/4" (69.85mm) backset.
- **Exposed Trim** – QL Levers are pressure cast zinc measuring 4-3/4" (120.65mm) in length. QL Roses are wrought brass 3-11/32" (84.8mm) diameter. Total projection from face of door is 2-17/32" (64.5mm).

**Cylinder Options** – ARKD (solid brass 6-pin cylinder, Arrow A keyway, keyed different), CSKD (solid brass 6-pin cylinder, Schlage C keyway, keyed different), IC (small format IC prep less core), SIC (Schlage large format IC prep less core).

**Freewheeling Lever**

**Warranty** – Three Year Warranty

**Handing** – Non-handed

**Packaging** – 6 per case

**Strike** – 4-7/8" ANSI (123.83mm)

**Keys** – 2 nickel plated brass keys

**Certification & Compliance:**

- Arrow QL Series Cylindrical Lever Locks are BHMA Grade 1 Certified, ANSI/BHMA A156.2, Series 4000
- All Arrow QL Series Locks are U.L. and c.U.L. list for use on 3 hour, A label or lesser doors
- Meets American with Disabilities Act Requirements

**Design:**

**Sierra – SB**

**Electrical Lock Functions:**

<table>
<thead>
<tr>
<th>FUNCTION</th>
<th>VOLTAGE</th>
<th>CURRENT</th>
<th>RESISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>QLE1</td>
<td>12V AC/DC</td>
<td>375mA</td>
<td>32 ohms</td>
</tr>
<tr>
<td>QLE2</td>
<td>24V AC/DC</td>
<td>150mA</td>
<td>160 ohms</td>
</tr>
<tr>
<td>QLE3</td>
<td>12V AC/DC</td>
<td>375mA</td>
<td>32 ohms</td>
</tr>
<tr>
<td>QLE4</td>
<td>24V AC/DC</td>
<td>150mA</td>
<td>160 ohms</td>
</tr>
</tbody>
</table>

**Description**

FAIL SAFE: Power on locks outside lever. Inside lever always free. Latch retracted by key when locked electrically.

FAIL SECURE: Power off locks outside lever. Inside lever always free. Latch retracted by key when locked electrically.

**How to Order:**

- **Function & Trim**
  - QLE1-SB
- **Finish**
  - QLE1-SB-26D
- **Strike**
  - QLE1-SB-26D-306
- **Latch**
  - QLE1-SB-26D-306-Q71
- **Keying**
  - QLE1-SB-26D-306-Q71-ARKD
GL Series Cylindrical Lever Locks

Arrow GL Series Grade 1 heavy duty levers offer an economically pleasing solution for ADA compliance. The GL solution is designed with the installer in mind, providing fewer subcomponents to allow for an easier to install system. Simply put, the GL Series will be your number one choice when economy is your first priority.

Certification:

All Arrow GL Series locks are UL/cUL listed for use on 3 hour, A label or lesser doors and are certified to conform to the requirements of ANSI/BHMA A156.2, Series 4000, Grade 1.
- Federal Specification FF-H-106C
- ANSI A117.1 Accessibility Code
- California State Reference Code for levers returning to within 1/2” (12.7mm) of door surface

ADA/Americans with Disabilities Act:

Acceptable Door Hardware: Section 4.13.9
Handles, pulls, latches and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require grasping, tight pinching or twisting of the wrist to operate. Lever operated mechanisms, push-type mechanisms and “U” shaped handles are acceptable designs.

Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

Features:

Housing – Interlocking lever tubes are made from dichromate plated steel. The tubes are attached to the rose insert. This offers fantastic support for a ridged feel without excess movement. Standard bearing sleeves used on most other Arrow lever series are not used on the GL.

Requires standard 2-1/8” (53.97mm) bore through door.

Thru-Bolts – Removable thru-bolts standard on GL Series

OverDrive™ will allow a locked lever to rotate freely without retracting the latch, improving the life and performance of Arrow locksets.

OverDrive™ – Freewheeling lever action occurs when latch retraction mechanism disengages from lever handle when handle is locked. Built-in stops in the rose insert prevent lever from traveling beyond approximately 70 degrees.

Backset – 2-3/4” (69.85mm) standard. See price book for alternate backsets.

Latch – Stainless Steel with 1/2’ (12.7mm) throw standard. Latch housing is steel, zinc dichromate finish for corrosion resistance. 1’ (25.4mm) bore in edge of door is required.

Latch Front – Brass and stainless steel. 2-1/4” (57.15mm) x 1-1/8” (28.57mm), 1/8” (3.175mm) in 2” (50.8mm).

Exposed Trim – Levers are pressure cast zinc. Streamline rose scalp of brass or bronze complements other series of lever locks.

Rose Inserts – Contain coil spring which is a permanent assembly within rose insert. Inside and outside rose scalps are retained by dimples that create an interference fit with the rose inserts. There are no special retention features added to the rose insert that align the scalp.

Strikes – Brass and stainless steel. ANSI A115.2, 4-7/8” (123.82mm) x 1-1/4” (31.75mm) curved lip strike standard.

Door Thickness – 1-3/8” (34.92mm) to 2” (50.8mm).

Handing – Non-handed. Levers operate bi-directionally.


Packaging – 1 per box, 10 per case.

Warranty – Limited five year warranty.
GL Series Cylindrical Lever Locks

Premier Product

Design:

Interchangeable Core:

Look for these symbols to indicate when product is available in either large or small format interchangeable core.

Functions:

<table>
<thead>
<tr>
<th>Arrow Standard</th>
<th>Arrow Overdrive™</th>
<th>ANSI/Federal #</th>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GL01</td>
<td>F75/161N</td>
<td>Passage</td>
<td>Latchbolt operated by lever either side.</td>
<td></td>
</tr>
<tr>
<td>GL02</td>
<td>F76/161L</td>
<td>Privacy</td>
<td>Latchbolt operated by lever either side except when inside pushbutton locks outside lever. Unlocked by turning inside lever, using emergency key outside or closing door.</td>
<td></td>
</tr>
<tr>
<td>GL08</td>
<td></td>
<td>Single Dummy Trim</td>
<td>Rigid trim for one side of door only. Used as pull or to match active trim.</td>
<td></td>
</tr>
<tr>
<td>GL81</td>
<td>F109</td>
<td>Entrance/Office</td>
<td>Dead locking latch bolt operated by lever from either side except when outside lever is locked by pushing turn button inside. Key outside or operating inside lever releases turn button unlocking outside lever except when turn button had been rotated to keep outside lever locked. Inside turn button must be manually operated to unlock outside lever. Inside lever always operates latchbolt.</td>
<td></td>
</tr>
<tr>
<td>GL82</td>
<td>F86/161D</td>
<td>Storeroom</td>
<td>Latchbolt operated by key in outside lever or by inside lever. Outside lever always rigid.</td>
<td></td>
</tr>
<tr>
<td>GL87</td>
<td>F84/161R</td>
<td>Classroom</td>
<td>Latchbolt operated by lever either side except when key outside locks outside lever. Inside lever always free. Key outside locks/unlocks outside lever only.</td>
<td></td>
</tr>
<tr>
<td>GL97</td>
<td>F110</td>
<td>Intruder Classroom</td>
<td>Deadlocking latch bolt operated by lever from either side. Key either inside or outside locks or unlocks outside lever. Inside lever always operates latchbolt.</td>
<td></td>
</tr>
</tbody>
</table>

Cylinders:

Conventional—GL Series locksets are supplied standard with Arrow “A” keyway, 6 pin cylinder. As with all other lock series, various levels of masterkeying are available. Conventional cylinders are available in a variety of competitive manufacturers keyways. Supplied with two nickel silver keys.

Cylinder Options—Interchangeable core—lockset prepared for use with 6 or 7 pin interchangeable core. Supplied less core, but packed with 6 and 7 pin tailpieces. Suffix “IC” to request Small Format Interchangeable Core prep and “LIC” for Medeco Large Format Interchangeable core prep.

Finishes:

<table>
<thead>
<tr>
<th>Arrow No.</th>
<th>BHMA</th>
<th>U.S. Equiv.</th>
<th>Arrow Equiv.</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>605</td>
<td>US3</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>2</td>
<td>613</td>
<td>US10B</td>
<td>10B</td>
<td>Dark Oxide Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>3</td>
<td>626</td>
<td>US26D</td>
<td>26D</td>
<td>Satin Chromium Plated</td>
</tr>
</tbody>
</table>

Look for these symbols to indicate when product is available in either large or small format interchangeable core.
GL Series Cylindrical Lever Locks

**Premier Product**

**Latches & Strikes:**

**Spring Latches**  
2-3/4" Backset  2-3/8" Backset  
1/2" throw  1" dia.  2 1/4"  1" dia.

**Dead Latches**  
2-3/4" Backset  2-3/8" Backset  
1/2" throw  1" dia.  2 1/4"  1" dia.

**Strikes**

#306

**Installation:**

**Adjustable Mounting Plate**

1/3" (8mm)  1/3" (8mm)  1 1/3" (35mm)  2 1/4" (58mm)

**Suggested Specification:**

All locksets shall be GL Series Cylindrical locksets as supplied by Arrow Lock company.

Locksets shall meet ANSI/BHMA requirements for Series 4000, Grade 1, and shall be U.L. and c.U.L. listed for 3 hour, A label openings. Lockset conforms to ANSI A117.1 for barrier-free accessibility, and the California State Reference Code (formerly Title 19, California State Fire Marshall Standard).

Lockset shall be non-handed and no exposed screws. Chassis mounting screws may be accessed only when lever and rose are removed.

Inside and outside rose inserts shall have independent heavy strength coil springs allowing lever handle to move bi-directionally.

Lockset shall be equipped with OverDrive™, freewheeling feature whereby the latch retraction mechanism disengages from the lever handle allowing lever to move freely when locked, without retraction the latch. A built in stop in the rose insert shall prevent lever from travelling beyond approximately 70 degrees.

Lever trim shall consist of cast levers with wrought brass or bronze rose scalps. Levers shall be a minimum of 4-5/8" in length and where applicable shall return to within 1/2" of the door surface.

Disassembly of lockset for cylinder removal shall not be required.

Cylinder shall be changed by removing the lever.

All products shall be of one manufacturer.

All locksets shall carry a five year limited warranty.

**Order Example:**

Example: To order a GL Series classroom function lockset with a Sierra design lever, satin chrome finish, with an ASA strike and 2-3/4" backset, keyed different:

Specify:  
GL 87 SR 26D 306 G71 KD XXX

Series  Function  Design  Finish  Strike  Latch  Keying  Options (if required)

ASSA ABLOY, the global leader in door opening solutions
Features:

**Door Preparation** – Requires standard 2-1/8” (53.97mm) bore through door.

**Backset** – 2-3/4” (69.85mm)

**Door Thickness** – Fits 1-3/8” (34.93mm) to 1-3/4” (44.45mm) doors standard.

**Latch** – Stainless Steel 1/2” (12.7mm) throw, UL Listed, guarded latchbolt on all locking functions

**Latch Front** – 1-1/8” x 2-1/4” for 2-3/4” (69.85mm) backset.

**Exposed Trim** – MLX Levers are pressure cast zinc measuring 4-3/4” (120.65mm) in length. MLX Roses are wrought brass 3-11/32” (84.8mm) diameter. Total projection from face of door is 2-17/32” (64.5mm).

**Freewheeling Lever**

**Warranty** – Ten Year Warranty

**Handing** – Non-handed

**Packaging** – 6 per case

**Strike** – 4-7/8” ANSI (123.83mm)

**Cylinder** – Solid brass 6 pin, Arrow AR and Schlage CS Keyway, keyed different

**Keys** – 2 brass keys

Finishes:

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equiv.</th>
<th>Arrow Equiv.</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>605</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>2</td>
<td>614 U108L</td>
<td>108P</td>
<td>Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>5</td>
<td>626 U26D</td>
<td>26D</td>
<td>Satin Chromium Plated</td>
</tr>
</tbody>
</table>

Certification & Compliance:

- Arrow MLX Series Cylindrical Lever Locks are BHMA Grade 2 Certified, ANSI/BHMA A156.2, Series 4000
- All Arrow MLX Series Locks are U.L. and c.U.L. list for use on 3 hour, A label or lesser doors
- Meets American with Disabilities Act Requirements

Design:

Sierra – SB

The MLX Series is a robust Grade 2 lockset featuring a FreeWheeling Lever for abuse resistance, two screw lockset install for quick installation and a 10 Year Mechanical Warranty. The perfect solution for replacing or upgrading lockets in commercial applications.
### MLX Series Cylindrical Lever Locks

**Classic Product**

#### Functions:

<table>
<thead>
<tr>
<th>ARROW STANDARD</th>
<th>FUNCTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLX01</td>
<td>Passage</td>
<td>Latchbolt operated by lever either side.</td>
</tr>
<tr>
<td>MLX72</td>
<td>Privacy</td>
<td>Latchbolt operated by lever either side except when inside turnbutton locks outside. Unlocked by rotating button or by using tool outside.</td>
</tr>
<tr>
<td>MLX08</td>
<td>1/2 Dummy Trim</td>
<td>Rigid trim for one side of door only. Used as pull or to match active trim.</td>
</tr>
<tr>
<td>MLX81</td>
<td>Entrance</td>
<td>Latchbolt operated by lever either side except when outside lever is locked by turn-button inside. When outside lever is locked, latchbolt operated by key outside or turning inside lever. Inside button must be manually released.</td>
</tr>
<tr>
<td>MLX82</td>
<td>Storeroom</td>
<td>Outside lever always locked. Latchbolt operated by key in outside lever, or by turning inside lever.</td>
</tr>
<tr>
<td>MLX87</td>
<td>Classroom</td>
<td>Latchbolt operated by lever either side except when key outside locks outside lever. Inside lever always free. Key outside locks/unlocks outside lever only.</td>
</tr>
</tbody>
</table>

#### Latches & Strikes:

- **Spring Latches**: 2-3/4" Backset R23
  - 1/2" throw
  - R23, U.L.

- **Dead Latches**: 2-3/4" Backset R21
  - 1/2" throw
  - R21, U.L.

- **Strikes**: Standard with MLX Series
  - 306
  - 306
  - 306

#### Installation:

- 161 prep for retrofit and secure installation.

#### Order Example:

**Example**: To order a MLX Series entry function lockset with a Sierra design lever, satin stainless steel finish, with an R21 strike, and 2-3/4" deadlocking latch, keyed different:

Specify:

<table>
<thead>
<tr>
<th>Standard:</th>
<th>MLX Series</th>
<th>81 Function</th>
<th>SB Design</th>
<th>26D Finish</th>
<th>306 Strike</th>
<th>R21 Latch</th>
<th>KD Keying</th>
<th>XXX Options</th>
</tr>
</thead>
</table>

**ASSA ABLOY**, the global leader in door opening solutions.
RLX Series Cylindrical Lever Locks

Value Product

The RLX Series is a robust Grade 2 lockset with a freewheeling lever operation for enhanced abuse resistance. The RLX is an Arrow Professional Replacement Product featuring removable through bolts and a variety of designs, finishes and functions. The RLX Series cylindrical locksets are a perfect solution for replacing or upgrading locksets in commercial applications.

Certification:
The RLX Series is certified to conform to the requirements of ANSI, A156.2, Series 4000, Grade 2 UL Listed for use on 3 hour, A label single swinging doors.
RLX Levers conform to ADA requirements.

Features:
Construction – Cold rolled steel with zinc dichromate finish for corrosion resistance. Requires standard 2-1/8” (53.97mm) bore through door.
Backset – 2-3/4” (69.85mm)
Door Thickness – Fits 1-3/8” (34.93mm) to 1-3/4” (44.45mm) doors standard.
Latch – Stainless Steel 1/2” (12.7mm) throw, UL Listed, guarded latch-bolt on all locking functions
Latch Front – 1-1/8” x 2-1/4” for 2-3/4” (69.85mm) backset.
Exposed Trim – RLX Levers are pressure cast zinc measuring 4-3/4” (120.65mm) in length. RLX Roses are wrought brass 3-11/32” (84.8mm) diameter. Total projection from face of door is 2-17/32” (64.5mm).

OverDrive™ will allow a locked lever to rotate freely without retracting the latch, improving the life and performance of Arrow locksets.

OverDrive™ – Freewheeling lever action occurs when latch retraction mechanism disengages from lever handle when handle is locked. Built-in stops in the rose insert prevent lever from traveling beyond approximately 45 degrees.

ADA/Americans with Disabilities Act:
Acceptable Door Hardware: Section 4.13.9
Handles, pulls, latches and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require grasping, tight pinching or twisting of the wrist to operate. Lever operated mechanisms, push-type mechanisms and “U” shaped handles are acceptable designs.

Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

Strike – 4-7/8’ ANSI (123.83mm)
Cylinder – Solid brass 6 pin, Schlage CS keyway, keyed different
Keys – 2 brass keys
Handing – Non-handed
Thru-bolts – Removable thru-bolts standard on RLX Series
Packaging – 6 per case
Warranty – Five Year Mechanical Warranty

Finishes:

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>US3</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>614</td>
<td>US10BL</td>
<td>10BP</td>
<td>Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>626</td>
<td>US26D</td>
<td>26D</td>
<td>Satin Chromium Plated</td>
</tr>
</tbody>
</table>
RLX Series Cylindrical Lever Locks

Value Product

RLX Series lever designs

Sierra SR

RLX Series cylinders


Tailpiece

Part #
1001-44

Interchangeable Core:

Look for this symbol to indicate availability of product with interchangeable core design.

Cylinder Part
#600HD
<table>
<thead>
<tr>
<th>ARROW STANDARD</th>
<th>FUNCTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLX01</td>
<td>Passage</td>
<td>Latchbolt operated by lever either side.</td>
</tr>
<tr>
<td>RLX02</td>
<td>Privacy</td>
<td>Latchbolt operated by lever either side except when inside turnbutton locks outside. Unlocked by rotating button or by using tool outside.</td>
</tr>
<tr>
<td>RLX08</td>
<td>1/2 Dummy Trim</td>
<td>Rigid trim for one side of door only. Used as pull or to match active trim.</td>
</tr>
<tr>
<td>RLX81</td>
<td>Entrance</td>
<td>Latchbolt operated by lever either side except when outside lever is locked by turn-button inside. When outside lever is locked, latchbolt operated by key outside or turning inside lever. Inside button must be manually released.</td>
</tr>
<tr>
<td>RLX82</td>
<td>Storeroom</td>
<td>Outside lever always locked. Latchbolt operated by key in outside lever, or by turning inside lever.</td>
</tr>
<tr>
<td>RLX87</td>
<td>Classroom</td>
<td>Latchbolt operated by lever either side except when key outside locks outside lever. Inside lever always free. Key outside locks/unlocks outside lever only.</td>
</tr>
</tbody>
</table>
RLX Series Cylindrical Lever Locks

**Value Product**

**Latches & Strikes:**

**Latch Standards**  
2-3/4" Backset

**UL Spring Latches**  
#R23

**UL Dead Latches**  
#R21

**Accessories:**  
Strikes  
306 Strike

**Installation:**  
161 prep for retrofit and secure installation.

**Order Example:**

**Example:** To order a RLX Series entry function lockset with a Sierra design lever, satin stainless steel finish, with an R21 strike, and 2-3/4" deadlocking latch, keyed different:

**Specify:**

<table>
<thead>
<tr>
<th>Standard:</th>
<th>Series</th>
<th>Function</th>
<th>Design</th>
<th>Finish</th>
<th>Strike</th>
<th>Latch</th>
<th>Keying</th>
<th>Options (if required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RLX</td>
<td>81</td>
<td>SR</td>
<td>26D</td>
<td>306</td>
<td>R21</td>
<td>KD</td>
<td>XXX</td>
<td></td>
</tr>
</tbody>
</table>

ASSA ABLOY, the global leader in door opening solutions
RL Series Cylindrical Lever Locks

Value Product

The RL Series has been enhanced to offer removable throughbolts and a wide variety of designs, finishes and functions. The RL Series cylindrical locksets are an economical value for a variety of application. Perfect for multi-family housing markets, as well as light commercial applications.

Certification:
The RL Series has been designed to meet the requirements of ANSI, A156.2, Series 4000, Grade 2 UL Listed for use on 3 hour, A label single swinging doors.
RL Levers conform to ADA requirements.

Features:
- **Construction** – Cold rolled steel with zinc dichromate finish for corrosion resistance. Requires standard 2-1/8” (53.97mm) bore through door.
- **Backset** – 2-3/8” (60.31mm) or 2-3/4” (69.85mm)
- **Door Thickness** – Fits 1-3/8” (34.93mm) to 1-3/4” (44.45mm) doors standard.
- **Latch** – Brass 1/2” (12.7mm) throw, UL Listed, guarded latchbolt on all locking functions
- **Latch Front** – 1” x 2-1/4” (25.40mm x 57.15mm) for 2-3/8” backset (60.32.mm) or 1-1/8” x 2-1/4” for 2-3/4” (69.85mm) backset.
- **Exposed Trim** – RL Levers are pressure cast zinc measuring 4-3/4” (120.65mm) in length. RL Roses are wrought brass 3-3/8” (85.73mm) diameter. Total projection from face of door is 2-1/2” (63.5mm).

Finishes:

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>605</td>
<td>US3</td>
<td>03 Bright Brass</td>
</tr>
<tr>
<td>2</td>
<td>606</td>
<td>US4</td>
<td>04 Satin Brass</td>
</tr>
<tr>
<td>3</td>
<td>612</td>
<td>US10</td>
<td>10 Satin Bronze</td>
</tr>
<tr>
<td>4</td>
<td>613</td>
<td>US10B</td>
<td>10B Dark Oxide Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>5</td>
<td>625</td>
<td>US26</td>
<td>26 Bright Chromium Plated</td>
</tr>
<tr>
<td>6</td>
<td>626</td>
<td>US26D</td>
<td>26D Satin Chromium Plated</td>
</tr>
</tbody>
</table>

ADA/Americans with Disabilities Act:

Acceptable Door Hardware: Section 4.13.9
Handles, pulls, latches and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require grasping, tight pinching or twisting of the wrist to operate. Lever operated mechanisms, push-type mechanisms and “U” shaped handles are acceptable designs.

Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.
RL Series Cylindrical Lever Locks

Value Product

RL Series lever designs

R Series cylinders


Tailpieces

<table>
<thead>
<tr>
<th>Part #</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001-44</td>
<td>RL Series</td>
</tr>
<tr>
<td>550RK-44</td>
<td>RK Series</td>
</tr>
</tbody>
</table>

Interchangeable Core:

Look for this symbol to indicate availability of product with interchangeable core design.
### RL Series Cylindrical Lever Locks

**Value Product**

<table>
<thead>
<tr>
<th>ARROW STANDARD</th>
<th>FUNCTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RL01</td>
<td>Passage</td>
<td>Latchbolt operated by lever either side.</td>
</tr>
<tr>
<td>RL02</td>
<td>Privacy</td>
<td>Latchbolt operated by lever either side except when inside turnbutton locks outside. Unlocked by rotating button or by using tool outside.</td>
</tr>
<tr>
<td>RL03</td>
<td>Communicating</td>
<td>Latchbolt by inside lever only. Blank rose only outside.</td>
</tr>
<tr>
<td>RL08</td>
<td>1/2 Dummy Trim</td>
<td>Rigid trim for one side of door only. Used as pull or to match active trim.</td>
</tr>
<tr>
<td>RL11</td>
<td>Entrance</td>
<td>Latchbolt operated by lever either side except when outside lever is locked by turn-button inside. When outside lever is locked, latchbolt operated by key outside or turning inside lever. Inside button must be manually released.</td>
</tr>
<tr>
<td>RL12</td>
<td>Storeroom</td>
<td>Outside lever always rigid. Latchbolt operated by key in outside lever, or by turning inside lever.</td>
</tr>
<tr>
<td>RL17</td>
<td>Classroom</td>
<td>Latchbolt operated by lever either side except when key outside locks outside lever. Inside lever always free. Key outside locks/unlocks outside lever only.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Indicates lever rigid at all times.</td>
</tr>
</tbody>
</table>
RL Series Cylindrical Lever Locks

Value Product

Latches & Strikes:

<table>
<thead>
<tr>
<th>Strike Type</th>
<th>UL Spring Latches</th>
<th>UL Dead Latches</th>
<th>Drive-In Latches</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3/8&quot; Backset</td>
<td><img src="image1" alt="2-3/8&quot; UL Spring Latch" /></td>
<td><img src="image2" alt="2-3/8&quot; UL Dead Latch" /></td>
<td><img src="image3" alt="2-3/8&quot; Drive-In Latch" /></td>
</tr>
<tr>
<td>2-3/4&quot; Backset</td>
<td><img src="image4" alt="2-3/4&quot; UL Spring Latch" /></td>
<td><img src="image5" alt="2-3/4&quot; UL Dead Latch" /></td>
<td><img src="image6" alt="2-3/4&quot; Drive-In Latch" /></td>
</tr>
</tbody>
</table>

Accessories:

<table>
<thead>
<tr>
<th>Strike Type</th>
<th>R62 Strike</th>
<th>R60 Strike</th>
<th>R61 Strike</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stripes</td>
<td><img src="image7" alt="R62 Strike Latch" /></td>
<td><img src="image8" alt="R60 Strike Latch" /></td>
<td><img src="image9" alt="R61 Strike Latch" /></td>
</tr>
<tr>
<td>161 prep for retrofit and secure installation.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Installation:

Order Example:

Example: To order a RL Series entry function lockset with a Sierra lever design, satin chrome finish, with a R71 strike, and 2-3/4" deadlocking latch, keyed different:

Specify:

- Standard: RL 11 SR 26D R62 R71 KD XXX

ASSA ABLOY, the global leader in door opening solutions
The return of the Comet brings with it the exceptional value and quality required to meet the demands of the single and multi-family housing markets, as well as light commercial applications.

Combining a variety of knob and lever designs, convenient installation and the Arrow benchmark for dependability, the C Series is perfect in most any space.

Certification:
The C Series has been designed to meet the requirements of ANSI, A156.2, Series 4000, Grade 2.

Features:

Construction – Tubular chassis
Backset – Universal latch is standard. Adjustable for both 2-3/8” (60mm) or 2-3/4” (70mm).
Latch – Brass front. Supplied standard with 1” x 2-1/4” (25mm x 57mm) square corner, 1” x 2-1/4” radius corner and 1-1/8” x 2-1/4” (29mm x 57mm) square corner latch fronts. Available with drive-in latches.
Strike – 1-5/8” x 2-1/4” (41mm x 57mm) full lip strike standard. Available with 1-1/8” x 2-3/4” (29mm x 70mm) “T” strike, or 1-1/4” x 4-7/8” (32mm x 124mm) ANSI strike.
Door Thickness – Fits 1-3/8” to 1-3/4” (35mm-44mm) doors standard.
Exposed Trim – Knobs are wrought brass. Levers are zinc based and are plated to match finish requirements.

ADA/Americans with Disabilities Act:
Acceptable Door Hardware: Section 4.13.9
Handles, pulls, latches and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require grasping, tight pinching or twisting of the wrist to operate. Lever operated mechanisms, push-type mechanisms and “U” shaped handles are acceptable designs.

Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

Mounting – Knobsets are supplied with exposed screws on inside rose. Leversets are supplied with concealed screws on inside rose.
Packaging – Both knob and leversets are packed 1 per box, 20 per carton.
Warranty – 5 year mechanical, 5 year finish.

Finishes:

<table>
<thead>
<tr>
<th>BMHA</th>
<th>U.S. Equiv</th>
<th>Arrow Equiv</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>US3</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>606</td>
<td>US4</td>
<td>04</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>609</td>
<td>US5</td>
<td>05A</td>
<td>Satin Brass, Blackened</td>
</tr>
<tr>
<td>614</td>
<td>US10BL</td>
<td>10BP</td>
<td>Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>625</td>
<td>US26</td>
<td>26</td>
<td>Bright Chromium Plated</td>
</tr>
<tr>
<td>626</td>
<td>US26D</td>
<td>26D</td>
<td>Satin Chromium Plated</td>
</tr>
<tr>
<td>619</td>
<td>US15</td>
<td>15</td>
<td>Nickel Plated</td>
</tr>
</tbody>
</table>

ASSA ABLOY, the global leader in door opening solutions
C Series Residential Locks

Value Product

**CL Series** lever designs

- Lunar LC
- Solar SC
- Orion OC
- Virgo VC

**CK Series** knob designs

- Ball BE
- Tudor TE
- Darrin DE

**C Series** cylinders


**Tailpieces**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10Cl-44</td>
<td>Standard Tailpiece (except for BE design)</td>
</tr>
<tr>
<td>10CB-44</td>
<td>Standard Tailpiece for BE design</td>
</tr>
</tbody>
</table>

**Cylinders**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100YC</td>
<td>Standard Cylinder with tailpiece (except for BE design)</td>
</tr>
<tr>
<td>100YC-750</td>
<td>Standard Cylinder with tailpiece for BE design</td>
</tr>
</tbody>
</table>
## C Series Residential Locks

### Value Product

#### Latches & Strikes:

**Latches**

<table>
<thead>
<tr>
<th>Spring Latch</th>
<th>Dead Latch</th>
<th>Drive-In</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3/8” – 2-3/4”</td>
<td>2-1/2”</td>
<td>2-1/2”</td>
</tr>
<tr>
<td>#501 Standard</td>
<td>#511 Standard</td>
<td></td>
</tr>
<tr>
<td>Optional UL Latch #531</td>
<td>Optional UL Latch #521</td>
<td></td>
</tr>
<tr>
<td>Note: Standard latch provided with these three faceplates.</td>
<td>Note: Standard latch provided with these three faceplates.</td>
<td></td>
</tr>
<tr>
<td>1” x 2-1/4” square corner</td>
<td>1” x 2-1/4” square corner</td>
<td></td>
</tr>
<tr>
<td>1” x 2-1/4” radius corner</td>
<td>1” x 2-1/4” radius corner</td>
<td></td>
</tr>
<tr>
<td>1-1/8” x 2-1/4” square corner</td>
<td>1-1/8” x 2-1/4” square corner</td>
<td></td>
</tr>
</tbody>
</table>

**Strikes**

<table>
<thead>
<tr>
<th>#502-Standard</th>
<th>#506-Optional</th>
<th>#500-Optional</th>
<th>#503-Optional</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 1/4” x 2-1/8”</td>
<td>4 1/2”</td>
<td>2 3/4”</td>
<td>2 1/2”</td>
</tr>
<tr>
<td>1 1/4”</td>
<td></td>
<td>1 1/2”</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories:**

<table>
<thead>
<tr>
<th>Stripes</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>#503-Optional</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-1/2” dia.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Installation:

Standard 2-1/8” door prep.
### C Series Residential Locks

**Value Product**

<table>
<thead>
<tr>
<th>ARROW STANDARD</th>
<th>FUNCTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CK01/CL01</td>
<td>Passage</td>
<td>Latchbolt operated by knob/lever either side.</td>
</tr>
<tr>
<td>CK02/CL02</td>
<td>Privacy</td>
<td>Latchbolt operated by knob/lever either side except when inside turnbutton locks outside. Unlocked by rotating button or by using tool outside.</td>
</tr>
<tr>
<td>CK04/CL04</td>
<td>Patio</td>
<td>Both knob/levers locked by inside button. Deadlocking latch standard.</td>
</tr>
<tr>
<td>CK08/CL08</td>
<td>1/2 Dummy Trim</td>
<td>Rigid trim for one side of door only. Used as pull or to match active trim.</td>
</tr>
<tr>
<td>CK11/CL11</td>
<td>Entrance</td>
<td>Latchbolt operated by knob/lever either side except when outside knob/lever is locked by turn-button inside. When outside knob/lever is locked, latchbolt operated by key outside or turning inside knob/lever. Inside button must be manually released.</td>
</tr>
<tr>
<td>CK12/CL12</td>
<td>Storeroom</td>
<td>Outside knob/lever always rigid. Latchbolt operated by key in outside knob/lever, or by turning inside knob/lever. Indicates knob/lever rigid at all times.</td>
</tr>
</tbody>
</table>

**Order Example:**

**Example:** To order a CL Series entry function lockset with a Virgo design lever, satin chrome finish, with a full lip strike and adjustable backset, keyed different:

**Specify:**

<table>
<thead>
<tr>
<th>Standard:</th>
<th>Series</th>
<th>Function</th>
<th>Design</th>
<th>Finish</th>
<th>Strike</th>
<th>Latch</th>
<th>Keying</th>
<th>Options (If required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CL11</td>
<td>VC26D</td>
<td>502</td>
<td>511</td>
<td>KDXXX</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
HK Series Cylindrical Lock

**Premier Product**

**Features:**

- **Lock Chassis** – Cold rolled steel with zinc dichromate finish for corrosion resistance. Latch retractor is precision stainless steel. Requires standard 2-1/8" (53.97mm) bore through door.
- **Door Thickness** – 1-3/8" (35mm) to 2" (50.80mm)
- **Latch** – Stainless steel with 1/2" (12.7mm) throw. Latch housing is steel, zinc dichromate finish for corrosion resistance. 1" (25.4mm) bore in edge of door required.
- **Latch Front** – Brass or stainless steel, 2-1/4" (57.15mm) x 1-1/8" (28.57mm), beveled 1/8" (3.17mm) in 2" (50.8mm)
- **Handing** – Reversible.

**Lock Chassis**

- **Ball – BB**

**Certification & Compliance:**

- ANSI/BHMA A156.2, Series 4000, Grade 1.
- Underwriters Laboratories (UL and CUL) listed for use on 3 hour, A label single swinging doors.

**Finish Options:**

- **Square**
  - US3 03 Bright Brass
  - US10BL 10BP Dark Oxide Bronze, Clear Coated
  - US32D 32D Satin Stainless Steel

**How to Order**

- **Function & Trim**
  - HK11-BB
- **Finish**
  - HK11-BB-32D
- **Strike**
  - HK11-BB-32D-306
- **Latch**
  - HK11-BB-32D-306-Q71
- **Keying**
  - HK11-BB-32D-306-Q71-ARKD

**Assa Abloy**, the global leader in door opening solutions
Arrow MK Series offer the designer, architect and contractor simple solutions to accessibility requirements. Their clean designs, architectural finishes and available functions make them ideal for commercial applications where heavy duty grade one hardware may not be necessary.

Certification:

All Arrow MK Series locks are U.L. and c.U.L. listed for use on 3 hour, A label or lesser doors and are certified to conform to the requirements of ANSI/BHMA A156.2, Series 4000, Grade 2.
- Federal Specification FF-H-106C

General Specifications:

**Lock Chassis** – Cold rolled steel with zinc dichromate finish for corrosion resistance. Requires standard 2-1/8” (53.97mm) bore through door.

**Backset** – 2-3/8” (60.32mm) standard, 2-3/4” (69.85mm), 3-3/4” (95.25mm) and 5” (127mm) available.

**Door Thickness** – 1-3/8” (34.92mm) to 1-3/4” (44.45mm).

**Latch** – Brass with 1/2” (12.7mm) throw. Latch housing is steel, with zinc dichromate finish for corrosion resistance. 7/8” (22.225mm) bore in edge of door is required.

**Latch Front** – Brass, bronze or stainless steel. Standard faceplate for 2-3/8” (60.32mm) backset measures 2-1/4” (57.15mm) x 1” (25.40mm) with a flat front, for 2-3/4” (69.85mm) backset standard faceplate measures 2-1/4” (57.15mm) x 1-1/8” (28.57mm) with beveled front 1/8” (3.17mm) in 2” (50.8mm).

**Strike** – Brass, bronze or stainless steel. Standard “T” strike measures 2-3/4” (69.85mm) x 1-1/8” (28.57mm). Optional ANSI A115.1 strike measures 4-7/8” (123.82mm) x 1-1/4” (31.75mm). All strikes have a 1-1/4” (31.75mm) lip to center dimension.

**Handing** – Reversible.

**Cylinder, Standard** – Solid brass 6 pin cylinder with Arrow “A” keyway, keyed to 5 pin for stock. Can be masterkeyed, grandmaster keyed and construction masterkeyed. Conventional cylinders are also available in a variety of competitive manufacturer’s keyways. Supplied with two 5 pin brass keys for stock. Available in Schlage CS keyway and other competitive keyways.
MK Series Cylindrical Locksets

Classic Product

Designs:

- **Ball BD**
  - Knob: B Wrought
  - Rose: D Wrought

- **Tudor TA**
  - Knob: T Wrought
  - Rose: A Wrought

- **Darrin BD**
  - Knob: B Wrought
  - Rose: D Wrought

Finishes:

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>605 US3</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>2</td>
<td>606 US4</td>
<td>04</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>3</td>
<td>609 US5</td>
<td>05A</td>
<td>Antique Brass</td>
</tr>
<tr>
<td>4</td>
<td>612 US10</td>
<td>10</td>
<td>Satin Bronze</td>
</tr>
<tr>
<td>5</td>
<td>613 US10B</td>
<td>10B</td>
<td>Dark Oxide Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>6</td>
<td>614 US10BL</td>
<td>10BP</td>
<td>Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>7</td>
<td>619 US15</td>
<td>15</td>
<td>Nickel Plated</td>
</tr>
<tr>
<td>8</td>
<td>625 US26</td>
<td>26</td>
<td>Bright Chromium Plated</td>
</tr>
<tr>
<td>9</td>
<td>626 US26D</td>
<td>26D</td>
<td>Satin Chromium Plated</td>
</tr>
</tbody>
</table>

Cylinder Options:

**Conventional**—MK Series locksets are supplied standard with Arrow “A” keyway, 6 pin cylinder. As with all other lock series, various levels of masterkeying are available. Conventional cylinders are available in a variety of competitive manufacturers keyways. Supplied with two brass keys.

**Interchangeable Core**—Lockset prepared for use with 6 or 7 pin interchangeable core. Supplied less core, but packed with 6 and 7 pin tailpieces. Will also accept cores manufactured by Best™, Falcon™, Medeco Keymark™ and others. Suffix “IC” to design. Temporary Arrow construction cores are also available.

**Interchangeable Core:**

Look for this symbol to indicate availability of product with interchangeable core.
## MK Series Cylindrical Locksets

### Classic Product

<table>
<thead>
<tr>
<th>ARROW STANDARD</th>
<th>ANSI/ FED#</th>
<th>FUNCTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK01</td>
<td>F75/161N, 160N</td>
<td>Passage</td>
<td>Latch bolt operated by knob from either side at all times</td>
</tr>
<tr>
<td>MK02</td>
<td>F76/161L, 160L</td>
<td>Privacy</td>
<td>Latch bolt operated by knob from either side. Outside knob is locked by push button inside and unlocked by emergency release outside, operating inside knob or closing door.</td>
</tr>
<tr>
<td>MK03</td>
<td>F111</td>
<td>Communicating Passage</td>
<td>Dead locking latch bolt operated by knob one side only at all times. Non removable blank trim outside.</td>
</tr>
<tr>
<td>MK04</td>
<td>F77/161P, 160P</td>
<td>Patio</td>
<td>Dead locking latch bolt operated by knob from either side. Outside knob is locked by push button inside and unlocked by operating inside knob or closing door. Do not use on doors in rooms that have no other entrance.</td>
</tr>
<tr>
<td>MK05</td>
<td>F78/161M, 160M</td>
<td>Communicating</td>
<td>Dead locking latch bolt operated by knob from either side. Turn button on either side locks or unlocks opposite knob. Do not use on doors in rooms that have no other entrance.</td>
</tr>
<tr>
<td>MK08</td>
<td>Single Dummy Trim</td>
<td>Rigid trim for one side of door only. Used as pull or to match active trim.</td>
<td></td>
</tr>
<tr>
<td>MK11</td>
<td>F109 (F81 &amp; F82)/161A, 160A</td>
<td>Entrance/Office</td>
<td>Dead locking latch bolt operated by knob from either side except when outside knob is locked by pushing turn button inside. Key outside or operating inside knob releases turn button unlocking outside knob except when turn button has been rotated to keep outside knob locked. Inside turn button must be manually operated to unlock outside knob. Inside knob always operates latch bolt.</td>
</tr>
<tr>
<td>MK12</td>
<td>F86/161D, 160D</td>
<td>Storeroom</td>
<td>Dead locking latch bolt operated by key in outside knob or by operating inside knob. Outside knob is always inoperable.</td>
</tr>
<tr>
<td>MK13</td>
<td>F82A/161B, 160B</td>
<td>Exterior</td>
<td>Dead locking latch bolt operated by knob from either side except when outside knob is locked by push button inside. When outside knob is locked, operating key in outside knob or operating inside knob unlocks push button and retracts latch bolt. Closing door does not release push button.</td>
</tr>
</tbody>
</table>

Indicates knob rigid at all times.
<table>
<thead>
<tr>
<th>ARROW STANDARD</th>
<th>ANSI/ FED#</th>
<th>FUNCTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MK14</td>
<td>F92/161E, 160E</td>
<td>Service Station</td>
<td>Dead locking latch bolt operated by knob from either side except when outside knob is locked by push button inside. Key outside, operating inside knob or closing door releases push button unlocking outside knob except when slotted push button is in a locked position. Inside knob always operates latch bolt.</td>
</tr>
<tr>
<td>MK15</td>
<td>F93/161H, 160H</td>
<td>Hotel</td>
<td>Dead locking latch bolt operated by knob from inside at all times. Outside knob always inoperable. Latch bolt operated by key from outside except when push button inside is operated thus shutting out all keys except emergency key. Operating push button operates outside visual indicator showing room is occupied. Operating inside knob or closing door releases indicator and shut out feature except when shut out is activated by turning inside button with spanner key.</td>
</tr>
<tr>
<td>MK17</td>
<td>F84/161R, 160R</td>
<td>Classroom</td>
<td>Dead locking latch bolt operated by knob from either side except when outside knob is locked from outside by key. When outside knob is locked, latch bolt is operated by inside knob.</td>
</tr>
<tr>
<td>MK18</td>
<td>F113</td>
<td>Communicating</td>
<td>Dead locking latch bolt operated by knob one side only except when knob is locked by key. Non removable blank trim outside.</td>
</tr>
<tr>
<td>MK31</td>
<td>F80/161S, 160S</td>
<td>Communicating</td>
<td>Dead locking latch bolt operated by knob from either side. Turning key in either knob locks or unlocks its own knob independently. Do not use on doors in rooms that have no other entrance.</td>
</tr>
<tr>
<td>MK32</td>
<td>F88/161C, 160C</td>
<td>Public Entrance</td>
<td>Dead locking latch bolt operated by knob from either side except when outside knob is locked by key from inside. When outside knob is locked, latch bolt is retracted by key in outside knob or by operating inside knob.</td>
</tr>
<tr>
<td>MK33</td>
<td>F87/161W, 160W</td>
<td>Asylum</td>
<td>Dead locking latch bolt operated by key in knob from either side. Both knobs always inoperable.</td>
</tr>
<tr>
<td>MK34</td>
<td></td>
<td>Exterior</td>
<td>Dead locking latch bolt operated by key from outside or by knob from inside except when inside knob is locked by key from inside knob. Outside knob is always inoperable.</td>
</tr>
</tbody>
</table>
# MK Series Cylindrical Locksets

## Classic Product

### Latches & Strikes:

#### Latches

2-3/8" Backset

- 1" dia.
- #101 non-UL
- #221 UL

2-3/4" Backset

- 1 1/8" dia.
- #104 non-UL
- #224 UL

3-3/4" Backset

- 1 3/4" dia.
- #108 non-UL
- #228 UL

#### Latch Standards

<table>
<thead>
<tr>
<th>Backset</th>
<th>Latch Standards</th>
<th>Spring Latches</th>
<th>Dead Latches</th>
<th>Strikes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3/8&quot;</td>
<td>#101 non-UL</td>
<td>#111 non-UL</td>
<td>#300</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#221 UL</td>
<td>#121 UL</td>
<td>#302</td>
<td></td>
</tr>
<tr>
<td>2-3/4&quot;</td>
<td>#104 non-UL</td>
<td>#114 non-UL</td>
<td>#303</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#224 UL</td>
<td>#124 UL</td>
<td>#306</td>
<td></td>
</tr>
<tr>
<td>3-3/4&quot;</td>
<td>#108 non-UL</td>
<td>#118 non-UL</td>
<td>#301</td>
<td></td>
</tr>
<tr>
<td></td>
<td>#228 UL</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Latch Options:

- #272 - 2-3/4" backset 1" x 2-1/4" set 1" x 2-1/4"
- #282 - 2-3/4" backset 1" x 2-1/4"

#### Accessories:

- Sleeve
  - K-179: For 1" diameter latch hole, fits all spring and dead latches.
MK Series Cylindrical Locksets

Classic Product

Suggested Specification:

All locksets shall be MK Series Cylindrical locksets as supplied by Arrow Lock company.
Locksets shall meet ANSI/BHMA requirements for Series 4000, Grade 2, and shall be U.L. and c.U.L. listed for 3 hour, A label openings.
Lockset shall be non-handed. Lockset shall have no exposed screws. Chassis mounting screws may be accessed only when knob and rose are removed.

Trim shall consist of wrought with wrought brass or bronze rose scalps.
Disassembly of lockset for cylinder removal shall not be required.
Cylinder shall be changed by removing the knob.
All products shall be of one manufacturer.
All locksets shall carry a three year limited warranty.

Order Example:

Example: To order a MK Series classroom function lockset with a BB design, satin chrome finish, with an ASA strike and 2-3/4” backset, keyed different:

Specify:

<table>
<thead>
<tr>
<th>Standard</th>
<th>MK</th>
<th>17</th>
<th>BB</th>
<th>26D</th>
<th>306</th>
<th>124</th>
<th>KD</th>
<th>XXX</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Series Function Design Finish Strike Latch Keying Options (if required)

Installation:

161 prep for retrofit and secure installation.
The RK Series has been enhanced to offer a wide variety of finishes and functions. The RK Series cylindrical locksets are an economical value for a variety of application. Perfect for multi-family housing markets, as well as light commercial applications.

Certification:
The RK Series has been designed to meet the requirements of ANSI, A156.2, Series 4000, Grade 2 UL Listed for use on 3 hour, A label single swinging doors.

Features:
Construction – Cold rolled steel with zinc dichromate finish for corrosion resistance. Requires standard 2-1/8" (53.97mm) bore through door.
Backset – 2-3/8" (60.31mm) or 2-3/4" (69.85mm).
Door Thickness – Fits 1-3/8" (34.93mm) to 1-3/4" (44.45mm) doors standard.
Latch – Brass 1/2" (12.7mm) throw, UL Listed, guarded latchbolt on all locking functions.
Latch Front – 1" x 2-1/4" (25.40mm x 57.15mm) for 2-3/8" backset (60.32mm) or 1-1/8" x 2-1/4" for 2-3/4" (69.85mm) backset.
Exposed Trim – RK Roses are wrought brass 2-1/2" (63.5mm) diameter. Total projection from face of door is 2-3/4" (69.85mm).
Strike – 4-7/8" ANSI (123.83mm), 2-3/4" (69.85mm) T strike, or 2-1/4" (57.15mm) full lip strike.
Keys – 2 brass keys.
Handing – Non-handed.
Thru-bolts – Removable thru-bolts standard on RL Series.
Packaging – 10 per case.
Warranty – Five Year Mechanical Warranty.

Finishes:

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>605</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>2</td>
<td>606</td>
<td>04</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>3</td>
<td>612</td>
<td>10</td>
<td>Satin Bronze</td>
</tr>
<tr>
<td>4</td>
<td>613</td>
<td>10B</td>
<td>Dark Oxide Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>5</td>
<td>629</td>
<td>32</td>
<td>Bright Stainless Steel</td>
</tr>
<tr>
<td>6</td>
<td>630</td>
<td>32D</td>
<td>Satin Stainless Steel</td>
</tr>
</tbody>
</table>
RK Series Cylindrical Locksets

Value Product

RK Series knob designs:

![RK Series Knob Design](image)

R Series cylinders:


Tailpieces:

<table>
<thead>
<tr>
<th>PART #</th>
<th>SERIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1001-44</td>
<td>RL Series</td>
</tr>
<tr>
<td>550RK-44</td>
<td>RK Series</td>
</tr>
</tbody>
</table>

Interchangeable Core:

Look for this symbol to indicate availability of product with interchangeable core design.
RK Series Cylindrical Locksets

**Value Product**

**Latches & Strikes:**

<table>
<thead>
<tr>
<th>Latch Standards</th>
<th>UL Spring Latches</th>
<th>UL Dead Latches</th>
<th>Drive-In Latches</th>
</tr>
</thead>
</table>

**Accessories:**

<table>
<thead>
<tr>
<th>Strikes</th>
<th>R62 Strike</th>
<th>R60 Strike</th>
<th>R61 Strike</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASA ANSI 115.2</td>
<td>T ANSI 115.3</td>
<td>1½&quot; dia.</td>
<td>2 ⅜&quot;</td>
</tr>
</tbody>
</table>

**Installation:**

161 prep for retrofit and secure installation.
## RK Series Cylindrical Locksets

### Value Product

<table>
<thead>
<tr>
<th>ARROW STANDARD</th>
<th>FUNCTION</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RK01</td>
<td>Passage</td>
<td>Latchbolt operated by knob/lever either side.</td>
</tr>
<tr>
<td>RK02</td>
<td>Privacy</td>
<td>Latchbolt operated by knob/lever either side except when inside turnbutton locks outside. Unlocked by rotating button or by using tool outside.</td>
</tr>
<tr>
<td>RK08</td>
<td>1/2 Dummy Trim</td>
<td>Rigid trim for one side of door only. Used as pull or to match active trim.</td>
</tr>
<tr>
<td>RK11</td>
<td>Entrance</td>
<td>Latchbolt operated by knob/lever either side except when outside knob/lever is locked by turn-button inside. When outside knob/lever is locked, latchbolt operated by key outside or turning inside knob/lever. Inside button must be manually released.</td>
</tr>
<tr>
<td>RK12</td>
<td>Storeroom</td>
<td>Outside knob/lever always rigid. Latchbolt operated by key in outside knob/lever, or by turning inside knob/lever.</td>
</tr>
<tr>
<td>RK17</td>
<td>Classroom</td>
<td>Latchbolt operated by knob/lever either side except when key outside locks outside lever. Inside lever always free. Key outside locks/unlocks outside lever only. Indicates knob/lever rigid at all times.</td>
</tr>
</tbody>
</table>

### Order Example:

**Example:** To order a RK Series entry function lockset with a Ball design lever, satin stainless steel finish, with a R60 strike, and 2-3/4” deadlocking latch, keyed different:

**Specify:**

- **Standard:** RK
- **Function:** 11
- **Design:** BD
- **Finish:** 32D
- **Strike:** R60
- **Latch:** R71
- **Keying:** KD
- **Options (if required):** XXX

---

**ASSA ABLOY**, the global leader in door opening solutions
D Series Deadbolts

Arrow D Series deadlocks are engineered to perform under the most extreme conditions where security is critical. Our Grade 1 extra heavy duty deadlock surpasses the demands of industrial, institutional and commercial applications.

Certification & Compliance:

- ANSI A156.5, Auxiliary Locks, Grade 1
- Underwriters Laboratories (UL and CUL) listed for use on 20 minute fire doors when used in conjunction with a rated primary latching device

General Specifications:

**Housing** – Two-piece housing, with free-spinning outer ring to prevent wrenching. Concealed mounting screws are standard on double cylinder functions.

**Deadbolt** – 1” (25.40mm) throw, solid steel deadbolt with hardened, free spinning, steel pin & insert.

**Backset** – 2-3/8” (60.32mm), 2-3/4” (69.85mm).

**Deadbolt fronts** – 2-1/4” (57.15mm) x 1” (25.40mm) standard for 2-3/8” (60.32mm) backset, 2-1/4” (57.15mm) x 1-1/8” (28.57mm) standard for 2-3/4” (69.85mm) backset. Drive-in deadbolts are available.

**Doors** – 1-3/8” (34.925mm) to 1-3/4” (44.45mm) thick standard.

**Strikes** – Supplied standard with the #346 wood frame strike and BX91D strike reinforcement. The #345 metal frame strike is optional.

**Handing** – All functions are reversible.


**Cylinder Options** – Accepts 6 or 7 pin, small format, interchangeable cores. Supplied less cores. Will accept Best® or Falcon™ type cores (except the E41).

Finishes:

<table>
<thead>
<tr>
<th>BHMA Equivalent</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>US3</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>606</td>
<td>US4</td>
<td>04</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>609</td>
<td>US5</td>
<td>05A</td>
<td>Antique Brass</td>
</tr>
<tr>
<td>612</td>
<td>US10</td>
<td>10</td>
<td>Satin Bronze</td>
</tr>
<tr>
<td>613</td>
<td>US10B</td>
<td>10B</td>
<td>Dark Oxide Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>614</td>
<td>US10BL</td>
<td>10BP</td>
<td>Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>625</td>
<td>US26</td>
<td>26</td>
<td>Bright Chromium Plated</td>
</tr>
<tr>
<td>626</td>
<td>US26D</td>
<td>26D</td>
<td>Satin Chromium Plated</td>
</tr>
</tbody>
</table>

ASSA ABLOY, the global leader in door opening solutions
E Series Deadbolts

General Specifications:

Arrow E Series deadlocks are unsurpassed for value, quality and durability. Our tamper resistant rotating wrench-proof collar, steel deadbolt with hardened steel pin insert and concealed screws are security features that have made the E Series the most specified deadlock in its class.

Certification & Compliance:

- ANSI A156.5, Auxiliary Locks, Grade 2
- Underwriters Laboratories (UL and CUL) listed for use on 3 hour fire doors when used in conjunction with a rated primary latching device.

General Specifications:

Housing – Two-piece housing, with free spinning outer ring to prevent wrenching. Concealed mounting screws standard on double cylinder functions.

Thru-bolting – supplied with two 1/4” (6.35mm) steel thru-bolts.

Deadbolt – 1” (25.40mm) throw, solid steel deadbolt with hardened, free spinning, steel pin insert.

Backset – 2-3/8” (60.32mm), 2-3/4” (69.85mm)

Deadbolt Fronts – 2-1/4” (57.15mm) x 1” (25.40mm) standard for 2-3/8” (60.32mm) backset, 2-1/4” (57.15mm) x 1-1/8” (28.57mm) standard for 2-3/4” (69.85mm) backset. Drive-in deadbolts are available.

Doors – 1-3/8” (34.925mm) to 1-3/4” (44.45mm) thick standard.

Strikes – Supplied standard with the #346 wood frame strike. The #345 metal frame strike is optional.

Hanging – All functions are reversible.

Cylinder, Standard – Solid brass, Arrow “A” keyway, drilled for 6 pins, pinned to 5. E41 and E42 low profile deadbolts are supplied with 5-pin cylinders. Supplied with two brass keys. Available in Schlage CS keyway and other competitive keyways.

Cylinder Options – Accepts 6 or 7 pin, small format, interchangeable cores. Supplied less cores. Will accept Best™ or Falcon™ type cores.

Finishes:

<table>
<thead>
<tr>
<th>Finish</th>
<th>BHMA</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>605</td>
<td>US3</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>2</td>
<td>606</td>
<td>US4</td>
<td>04</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>3</td>
<td>609</td>
<td>US5</td>
<td>05A</td>
<td>Antique Brass</td>
</tr>
<tr>
<td>4</td>
<td>612</td>
<td>US10</td>
<td>10</td>
<td>Satin Bronze</td>
</tr>
<tr>
<td>5</td>
<td>613</td>
<td>US10B</td>
<td>10B</td>
<td>Dark Oxide Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>6</td>
<td>614</td>
<td>US10BL</td>
<td>10BP</td>
<td>Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>7</td>
<td>619</td>
<td>US15</td>
<td>15</td>
<td>Nickel Plated</td>
</tr>
<tr>
<td>8</td>
<td>625</td>
<td>US26</td>
<td>26</td>
<td>Bright Chromium Plated</td>
</tr>
<tr>
<td>9</td>
<td>626</td>
<td>US26D</td>
<td>26D</td>
<td>Satin Chromium Plated</td>
</tr>
</tbody>
</table>

BHMA, the global leader in door opening solutions
D & E Series Deadbolts

Deadbolts:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Backset</th>
<th>Deadbolt</th>
</tr>
</thead>
<tbody>
<tr>
<td>#141</td>
<td>2-3/8&quot;</td>
<td></td>
</tr>
<tr>
<td>#142</td>
<td>2-3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>#144</td>
<td>2-3/4&quot;</td>
<td></td>
</tr>
<tr>
<td>#145</td>
<td>2-3/8&quot;</td>
<td></td>
</tr>
<tr>
<td>#146</td>
<td>2-3/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Drive-In Deadbolt

Strikes:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>ASA</th>
<th>T</th>
<th>(for metal doors)</th>
<th>(for wood doors)</th>
<th>BX91D (D Series)</th>
<th>BX91 (E Series)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#347</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>#350</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Parts:
Thick Door Pack – For doors 2-1/4" thick
The DB series is a Grade 2 commercial deadbolt that features an adjustable backset in an attractive low profile package. It is ideal for commercial common areas and residential use.

Certification & Compliance:

- Designed to meet ANSI A156.36, Auxiliary Locks, Grade 2
- Underwriters Laboratories (UL and CUL) listed for use on 3 hour fire doors when used in conjunction with a rated primary latching device.

Function – Single Cylinder; Double Cylinder.
Housing – Solid zinc cylinder housing.
Latch Bolt – 1” (25mm) throw brass deadbolt with hardened, free spinning, steel pin insert.
Deadbolt Front – 2-1/4” (57mm) x 1” (25mm). Plastic spacer supplied for 1-1/8” (27.5mm) mortise.
Backset – 2-3/8” – 2-3/4” (60mm – 70mm), adjustable.
Door Thickness – 1-3/8” – 2” (35mm – 50mm).
Strike – 1/32” (2.3mm) steel with wood frame reinforcer.
Cylinder – Solid brass, drilled for 6 pins pinned to 5. Supplied with 2 nickel plated brass keys per keyed lock.
Keyway – Schlage C standard.
Cylinder Options – Accepts 6 or 7 pin, small format interchangeable cores. Supplied less core. Will accept Best or Falcon type cores
Finishes – 605/613/630.

Finishes:

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>605</td>
<td>US3</td>
<td>03 Bright Brass</td>
</tr>
<tr>
<td>2</td>
<td>614</td>
<td>US10BL</td>
<td>10BP Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>3</td>
<td>630</td>
<td>US32D</td>
<td>32D Satin Stainless Steel</td>
</tr>
</tbody>
</table>

Assa Abloy, the global leader in door opening solutions
# DB Series Deadbolts

## Value Product

### Deadbolt:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#157</th>
</tr>
</thead>
<tbody>
<tr>
<td>Backset:</td>
<td>Adjustable Backset 2-3/8” or 2-3/4”</td>
</tr>
</tbody>
</table>

Spacer for 1-1/8” latch mortise. Supplied with lock.

---

### Strikes:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>#394 (Includes the Frame Reinforcer)</th>
</tr>
</thead>
</table>

Frame Reinforcer supplied with lock.

---

### Cylinder:

<table>
<thead>
<tr>
<th>Part No.</th>
<th>95C-CS (CS Keyway)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>95C (AR Keyway)</td>
</tr>
</tbody>
</table>
The Arrow Occupancy Indicator deadbolt, available on the E Series Grade 2 Arrow Deadbolt, provides privacy control by utilizing a large external viewing window that signals when the room is occupied. The Arrow Occupancy Indicator uses an emergency key override to unlock the door from the outside in case of emergency. When the deadbolt is in the locked position, an external slot is exposed that provides for the use of the override key. When this key is used, the key is captured in the deadbolt and cannot be removed until the deadbolt is retracted or turned to the “Vacant” or unlocked position. This product is ideal for use in restroom facilities and other areas requiring visual notification of use and secured privacy.

Certification & Compliance:
• ANSI A156.5, Auxiliary Locks, Grade 2

General Specifications:

- **Housing**: Two-piece housing, with free spinning outer ring to prevent wrenching. Concealed mounting screws standard on double cylinder functions.
- **Thru-bolting**: supplied with two 1/4” (6.35mm) steel thru-bolts.
- **Deadbolt**: 1” (25.40mm) throw, solid steel deadbolt with hardened, free spinning, steel pin insert.
- **Backset**: 2-3/8” (60.32mm), 2-3/4” (69.85mm)
- **Deadbolt Fronts**: 2-1/4” (57.15mm) x 1” (25.40mm) standard for 2-3/8” (60.32mm) backset, 2-1/4” (57.15mm) x 1-1/8” (28.57mm) standard for 2-3/4” (69.85mm) backset. Drive-in deadbolts are available.
- **Doors**: 1-3/8” (34.925mm) to 1-3/4” (44.45mm) thick standard.
- ** Strikes**: Supplied standard with the #346 wood frame strike. The #345 metal frame strike is optional.
- **Handering**: All functions are reversible.
- **Emergency Key**: The deadbolt can be unlocked from the outside with a emergency key.

Finishes:

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>2</td>
<td>606</td>
<td>US4</td>
<td>04 Satin Brass</td>
</tr>
<tr>
<td>3</td>
<td>609</td>
<td>US5</td>
<td>05A Antique Brass</td>
</tr>
<tr>
<td>4</td>
<td>612</td>
<td>US10</td>
<td>10 Satin Bronze</td>
</tr>
<tr>
<td>5</td>
<td>613</td>
<td>US10B</td>
<td>10B Dark Oxide Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>6</td>
<td>614</td>
<td>US10BL</td>
<td>10BP Dark Oxide Bronze, Clear Coated</td>
</tr>
<tr>
<td>7</td>
<td>619</td>
<td>US15</td>
<td>15 Nickel Plated</td>
</tr>
<tr>
<td>8</td>
<td>625</td>
<td>US26</td>
<td>26 Bright Chromium Plated</td>
</tr>
<tr>
<td>9</td>
<td>626</td>
<td>US26D</td>
<td>26D Satin Chromium Plated</td>
</tr>
</tbody>
</table>
The Arrow Management Control Deadbolt gives facility managers control on deadbolt installation and removal with our concealed mounting screws technology. The Arrow Management Control Deadbolt requires an operational control key in order to access the deadbolt attachment screws as illustrated below.

This product is ideal for use in multifamily housing applications including apartments, dormitories and military.

How to Remove the Deadbolt

Step 1 – Use the Control Key and Rotate the Cylinder.

Step 2 – Remove the SFIC Cylinder.

Step 3 – Using the end of the Cylinder rotate the face plate 90 Degrees.

Step 4 – Remove the Screw, Rotate the Plate 180 Degrees and Remove the other Screw. You may now remove the deadbolt.
# D, E, DB Series Deadbolts

## How to Order D, E, or DB Series Deadbolt:

**Example:** To order a D Series Single Cylinder Deadbolt, Satin Chromium Plated finish, 1-1/8" x 2-3/4" square corner strike, a 2-3/4" backset with 1-1/8" square corner latch, keyed different.

<table>
<thead>
<tr>
<th>Arrow</th>
<th>BHMA</th>
<th>Function</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>D60</td>
<td>E0111</td>
<td>E60</td>
<td>Exit</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Turnpiece Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Blank Plate</td>
</tr>
<tr>
<td>D61</td>
<td>E0151</td>
<td>E41</td>
<td>Single Cylinder</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Turnpiece Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Key Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td>D62</td>
<td>E0141</td>
<td>E42</td>
<td>Double Cylinder</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Key Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Key Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td>D63</td>
<td>E0161</td>
<td>E63</td>
<td>Single Cylinder</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Turnpiece Retracts Bolt But Does Not Project Bolt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Key Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td>D64</td>
<td>E0171</td>
<td>E64</td>
<td>Classroom</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Turnpiece Retracts Bolt But Does Not Project Bolt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Key Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td>D71-IC</td>
<td>E0151</td>
<td>E71-IC</td>
<td>Single Cylinder With Concealed Mounting Screws (IC Only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Turnpiece Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Key Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td>D73-IC</td>
<td>E0161</td>
<td></td>
<td>Single Cylinder With Concealed Mounting Screws (IC Only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Blank Plate</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Key Retracts &amp; Projects Bolt</td>
</tr>
<tr>
<td>D74-IC</td>
<td>E0171</td>
<td>E74-IC</td>
<td>Classroom With Concealed Mounting Screws (IC Only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Turnpiece Retracts Bolt But Does Not Project Bolt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Key Retracts &amp; Projects Bolt</td>
</tr>
</tbody>
</table>

E41 & E42 functions are not BHMA certified.

## Assa Abloy

ASSA ABLOY, the global leader in door opening solutions.
Arrow N Series Mortise deadlock security and mortise cylinder convenience with interchangeable core compatibility.

Certification & Compliance:
- Underwriters Laboratories (UL and CUL) listed for use on A label or lesser doors when used in conjunction with a rated primary latching device

General Specifications:

**Housing** – Heavy wrought steel with zinc dichromate finish.

**Deadbolt** – 1” (25.40mm), throw solid brass deadbolt with hardened steel pin.

**Backset** – 2-3/4” (69.85mm).

**Doors** – 1-3/8” (34.92mm) to 1-3/4” (44.45mm) thick standard.

** Strikes** – Supplied standard with #380 security strike for steel frame and #356 security strike for wood frame.

**Handing** – All functions are reversible.

**Cylinder, Standard accepts standard 1-1/8” mortise cylinder** – Solid brass, Arrow “A” keyway, drilled for 6 pins, pinned to 5. Supplied with two brass keys.

**Cylinder Option** – Accepts 6 or 7 pin, small format, interchangeable cores. Supplied less cores. Will accept Best” or Falcon™ type cores. ASSA high security cylinders are available.

**Finishes:**

<table>
<thead>
<tr>
<th>BHMA</th>
<th>U.S. Equivalent</th>
<th>Arrow Equivalent</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>605</td>
<td>03</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>2</td>
<td>606</td>
<td>04</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>3</td>
<td>612</td>
<td>10</td>
<td>Satin Bronze</td>
</tr>
<tr>
<td>4</td>
<td>613</td>
<td>10B</td>
<td>Dark Oxide Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>5</td>
<td>613E</td>
<td>10BE</td>
<td>Dark Oxide Bronze, Electroplated</td>
</tr>
<tr>
<td>6</td>
<td>625</td>
<td>26</td>
<td>Bright Chromium Plated</td>
</tr>
<tr>
<td>7</td>
<td>626</td>
<td>26D</td>
<td>Satin Chromium Plated</td>
</tr>
</tbody>
</table>

ASSA ABLOY, the global leader in door opening solutions
## N Series Deadlock

### Functions:

<table>
<thead>
<tr>
<th>ARROW</th>
<th>ANSI</th>
<th>FUNCTION</th>
<th>DESCRIPTION/OPERATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>N40</td>
<td></td>
<td>Exit</td>
<td>Throw or retract bolt by thumbturn only.</td>
</tr>
<tr>
<td>N41</td>
<td>E06071</td>
<td>Single Cylinder</td>
<td>Throw or retract bolt by key outside, thumbturn inside.</td>
</tr>
<tr>
<td>N42</td>
<td>E06061</td>
<td>Double Cylinder</td>
<td>Throw or retract bolt by key either side.</td>
</tr>
<tr>
<td>N43</td>
<td>E06081</td>
<td>Single Cylinder</td>
<td>Throw or retract bolt by key one side.</td>
</tr>
<tr>
<td>N44</td>
<td>E06091</td>
<td>Classroom</td>
<td>Throw or retract bolt by key–Thumbturn retracts dead bolt, but does not project it.</td>
</tr>
</tbody>
</table>

### Order Example:

**Example:** To order a N Series Single Cylinder Deadlock, Satin Chromium Plated finish with a 1-1/8" x 3-1/2" square corner strike, a 1" deadbolt, keyed different.

**Specify:**

- **Standard:**
  - Series: N
  - Function: 41
  - Finish: 26D
  - Strike: 380
  - Keying Cylinder: KA4

**Strikes**

- #380
- #356 ASA

---

ASSA ABLOY, the global leader in door opening solutions
The Arrow DC300 Series surface applied door closers are an economical value for customers requiring convenience and security in an affordable package. They are ideally suited for retail or office buildings.

**Compliance:**
- UL/cUL listed.
- UL10C listed for positive pressure to comply with UBC-72 (1997).
- Meets requirements of ANSI A156.4, Grade 1
- Adjustable size closers may be adjusted to meet requirements of ADA and ANSI ICC A117.1.

**Sizes (Adjustable/Fixed):**
- DC314 – Adjustable sizes 1 through 4.
- DC325 – Adjustable sizes 2 through 5.

**Features:**
- Cast aluminum body.
- Hardened steel rack and pinion.
- High tensile steel springs.
- Staked valves
- Two non-critical adjusting valves (sweep and latch) control closing speed.
- Backcheck intensity valve.
- All temperature fluid.
- Full plastic cover available (sold separately).
- Non-handed for regular, top jamb and parallel arm mount applications.

- Hold open arm available on adjustable closers – Specify: DC3xx-1.
- Supplied with fully threaded wood screws, machine screws and thru-bolts for 1-3/4" thick doors.
- Packaging: one per box and six boxes per carton.
- 10 year limited warranty.

**Finishes:**
- Aluminum (689), Specify AL
- Dark Bronze (690), Specify DBZ

ASSA ABLOY, the global leader in door opening solutions
DC300 Series Door Closers
Value Product

Regular Arm Installation

Top Jamb Installation

Parallel Arm Installation

How to order the DC300 Series

Ordering Example:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part Number</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>DC314-1</td>
<td>AL</td>
</tr>
</tbody>
</table>

Complete Units:

Size 1-4, Standard Non-Hold Open Arm with PA Bracket .............................................................DC314
Size 1-4, Standard Hold Open Arm with PA Bracket .................................................................DC314-1
Size 2-5, Standard Non-Hold Open Arm with PA Bracket .............................................................DC325
Size 2-5, Standard Hold Open Arm with PA Bracket .................................................................DC325-1

Parts & Accessories:

Part No.

Full Plastic Cover, Screw Pack, 1-3/8" Thru-bolts .................................................................DC3CVR
Thru-bolts 2-1/4" ................................................................................................................DC300TB2

Specify Finish AL or DBZ.
The Arrow DC500 Series Heavy Duty Surface Applied Door Closers are ideal for Institutions or other high traffic applications. The DC500 is designed for end users looking for value and versatility in a rugged design making this series suitable for a wide variety of applications.

Compliance:
- UL/cUL listed.
- UL10C listed for positive pressure to comply with UBC-72 (1997).
- Meets the requirements of ANSI A156.4 and ANSI ICC A117.1. Grade 1
- Meets ADA requirements (Americans with Disabilities Act).

Sizes (Adjustable):
- DC516 closers are adjustable for spring sizes 1 through 6.

### Interior Door Width

<table>
<thead>
<tr>
<th>Size</th>
<th>24&quot; (610mm)</th>
<th>30&quot; (762mm)</th>
<th>34&quot; (864mm)</th>
<th>38&quot; (965mm)</th>
<th>48&quot; (1219mm)</th>
<th>54&quot; (1372mm)</th>
<th>60&quot; (1524mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Regular Arm &amp; Top Jamb</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parallel Arm</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Exterior (& Vestibule) Door Width

<table>
<thead>
<tr>
<th>Size</th>
<th>24&quot; (610mm)</th>
<th>30&quot; (762mm)</th>
<th>36&quot; (914mm)</th>
<th>42&quot; (1067mm)</th>
<th>48&quot; (1219mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Regular Arm &amp; Top Jamb</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Parallel Arm</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Features:
- Heavy duty cast iron body.
- Hardened steel rack and pinion.
- High tensile steel springs.
- Staked valves.
- Two non-critical adjusting valves (sweep and latch) control closing speed.
- Backcheck intensity valve.
- All temperature fluid.
- Full plastic cover standard.
- Non-handed for regular, top jamb and parallel arm mount applications.
- Supplied with fully threaded self-reaming/tapping screws, sleeve nuts and thru-bolts for 1-3/4" thick doors.
- DC516-1 Series door closers are supplied with a hold open arm.
- DC516-2 has a heavy duty parallel arm with a stop feature for door openings between 90° and 110°.
- DC516-3 has a heavy duty parallel arm with a stop and thumb turn hold open feature for door openings between 90° and 110°.
- Packaging: one per box and four boxes per carton.
- 10 year limited warranty.

Finishes:
- Aluminum (689), Specify AL
- Dark Bronze (690), Specify DBZ
DC500 Series Door Closers

Classic Product

Regular Arm Installation

Min. Top Rail 3-7/16" (87mm).

Parallel Arm Installation (180° maximum door swing template illustrated).

Top Jamb Installation

Min. Top Rail 2-1/16" (52mm).

Parts:

Cover with Screw Pack
- DC500COV

Non-Hold Open Arm (Standard with)
- DC516

(To order separately)
- DC500A

Hold Open Arm (Standard with)
- DC516-1

(To order separately)
- DC500A1

Drop Plates

Regular Arm Application
- DC500DP

Parallel Arm Application
- DC500DP1

Top Jamb Application
- DC500DP2

Top Jamb Low Ceiling Application
- DC500DP3

ASSA ABLOY, the global leader in door opening solutions
DC500 Series Door Closers

Classic Product

Heavy Duty Parallel Arm with a choice:
- DC516-2 – Non-Hold Open Arm with Stop Feature
- DC516-3 – Thumbturn Hold Open Arm with Stop Feature
- Door Closer can be installed to stop door at: 85°, 90°, 100° or 110° of door swing.

Parts:

Heavy Duty Parallel Arm
Non-Hold Open with Stop Feature (Standard with)
- DC516-2

(To order separately)
- DC500A2

Heavy Duty Parallel Arm with Thumbturn Hold Open and Stop Feature (Standard with)
- DC516-3

(To order separately)
- DC500A3

Drop Plate
- DC500DP1

<table>
<thead>
<tr>
<th>“A” Dimension</th>
<th>9-1/2” (241)</th>
<th>8-3/4” (222)</th>
<th>7-5/8” (194)</th>
<th>6-5/8” (168)</th>
</tr>
</thead>
<tbody>
<tr>
<td>“B” Dimension</td>
<td>11-1/8” (283)</td>
<td>10-1/2” (267)</td>
<td>9-1/4” (235)</td>
<td>8-3/8” (213)</td>
</tr>
<tr>
<td>Degree of Stop</td>
<td>85°</td>
<td>90°</td>
<td>100°</td>
<td>110°</td>
</tr>
</tbody>
</table>

ASSA ABLOY, the global leader in door opening solutions
DC500 Series Door Closers

Class Product

How to order the DC500 Series

Ordering Example:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part Number</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>DC516-3</td>
<td>AL</td>
</tr>
</tbody>
</table>

Complete Units:

Size 1-6, Non-Hold Open Arm with PA Bracket, Full Plastic Cover, Screw Pack, 1-3/4" Thru-bolts .........................................................DC516
Size 1-6, Hold Open Arm with PA Bracket, Full Plastic Cover, Screw Pack, 1-3/4" Thru-bolts .................................................................DC516-1
Size 1-6, Heavy-Duty Dead Stop NHO, Full Plastic Cover, Screw Pack, 1-3/4" Thru-bolts ............................................................DC516-2
Size 1-6, Heavy-Duty Dead Stop HO, Full Plastic Cover, Screw Pack, 1-3/4" Thru-bolts ............................................................DC516-3

Parts & Accessories:

Full Plastic Cover ..................................................................................................................................................................................DC500CV
Drop Plate - Regular .............................................................................................................................................................................DC500DP
Drop Plate - Parallel Arm ....................................................................................................................................................................DC500DP1
Drop Plate - Top Jamb ........................................................................................................................................................................DC500DP2
Drop Plate - Top Jamb, Flush Ceiling ................................................................................................................................................DC500DP3
Thru-bolts 1-3/4" .........................................................................................................................................................................................DC500TB1
Thru-bolts 1-3/8" .........................................................................................................................................................................................DC500TB3
Thru-bolts 2-1/4" .........................................................................................................................................................................................DC500TB2
Supplemental Reaming/Tapping Screw Pack........................................................................................................................................DC500SP1
Standard Screw Pack ..................................................................................................................................................................................DC500SP2
Standard Non-Hold Open Arm .................................................................................................................................................................DC500A
Standard Hold Open Arm ..........................................................................................................................................................................DC500A1
Heavy-Duty Dead Stop Arm Non-Hold Open ...........................................................................................................................................DC500A2
Heavy-Duty Dead Stop Arm Hold Open ..................................................................................................................................................DC500A3
Heavy-Duty Cushion Arm Kit .................................................................................................................................................................DC500A4
Heavy-Duty Hold Open Cushion Arm Kit ...............................................................................................................................................DC500A5

Specify Finish AL or DBZ.
900N Series Door Closers

Premier Product

The Arrow 900N Series Surface Applied Door Closers are ideal for dealers or end users looking for value and versatility in a compact design. The adjustable spring sizes and ADA barrier free accessibility make this Series ideally suitable for a wide variety of applications.

Compliance:
- UL/cUL listed.
- Meets the requirements of UL10C and UBC7.2 (1997) for positive pressure.
- Meets the requirements of ANSI A156.4 and ANSI ICC A117.1. Grade 1
- Meets ADA requirements (Americans with disabilities Act).

Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

Sizes (Adjustable):
- 914N – Adjustable sizes 1 through 4.
- 936N – Adjustable sizes 3 through 6.

Features:
- Cast aluminum body.
- Hardened steel rack and pinion.
- High tensile steel springs.
- Staked valves
- Two non-critical adjusting valves (sweep and latch) control closing speed.
- Backcheck intensity valve.
- All temperature fluid.
- Non-handed for regular, top jamb and parallel arm mount applications.
- Hold open arm available: Specify “H” suffix.
- Supplied with machine screws, fully threaded self-reaming/tapping screws, sleeve nuts and thru-bolts for 1-3/4” thick doors.

Packaging: one per box and six boxes per carton.
10 year limited warranty.

Finishes:
- Aluminum (689), Specify AL
- Dark Bronze (690), Specify DBZ
- Light Bronze (691), Specify LBZ
- Gold (696), Specify GL
- Black (693), Specify BLK

Sizes:

<table>
<thead>
<tr>
<th>Door Width</th>
<th>Size 1</th>
<th>Size 2</th>
<th>Size 3</th>
<th>Size 4</th>
<th>Size 5</th>
<th>Size 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Arm &amp; Top Jamb</td>
<td>24&quot; (610mm)</td>
<td>30&quot; (762mm)</td>
<td>34&quot; (865mm)</td>
<td>38&quot; (965mm)</td>
<td>48&quot; (1219mm)</td>
<td>54&quot; (1372mm)</td>
</tr>
<tr>
<td>Parallel Arm</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Door Width</th>
<th>Size 2</th>
<th>Size 3</th>
<th>Size 4</th>
<th>Size 5</th>
<th>Size 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Arm &amp; Top Jamb</td>
<td>24&quot; (610mm)</td>
<td>30&quot; (762mm)</td>
<td>36&quot; (914mm)</td>
<td>42&quot; (1067mm)</td>
<td>48&quot; (1219mm)</td>
</tr>
<tr>
<td>Parallel Arm</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Door Width</th>
<th>Size 3</th>
<th>Size 4</th>
<th>Size 5</th>
<th>Size 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Arm &amp; Top Jamb</td>
<td>24&quot; (610mm)</td>
<td>30&quot; (762mm)</td>
<td>36&quot; (914mm)</td>
<td>42&quot; (1067mm)</td>
</tr>
<tr>
<td>Parallel Arm</td>
<td>4</td>
<td>5</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

Regular Arm Installation
Top Jamb Installation
Parallel Arm Installation

ASSA ABLOY, the global leader in door opening solutions
900N Series Door Closers

Premier Product

How to order the 900N Series

Ordering Example:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part Number</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>936N</td>
<td>AL</td>
</tr>
</tbody>
</table>

Complete Units:

- Tri-Pack, Standard Arm, Sizes 1-4: 914N
- Tri-Pack, Standard Arm, Sizes 3-6: 936N
- Tri-Pack, Hold Open Arm, Sizes 3-6: 936NH
- Tri-Pack, Hold Open Arm, Sizes 1-4: 914NH

Parts & Accessories:

- Drop Plate: 936DP
- 914N Closer Body Only: 914BO
- 936N Closer Body Only: 936BO
- Through-Bolts for 1-3/8" Thick Door: 5016TB38
- Through-Bolts for 1-3/4" Thick Door: 5016TB34
- Complete Non-Hold Open Arm Assembly (tri-pack): 5016CNA
- Complete Hold Open Arm Assembly (tri-pack): 5016CHA

Specify Finish: AL, DBZ, LBZ, GL, or BLK
The Arrow 5016N Series Surface Applied Door Closers are ideal for use in commercial and institutional facilities where there is a demand for reliability and flexibility. Arrow offers multiple options for compliance with barrier-free codes for interior or exterior doors.

**Compliance:**
- UL/cUL listed.
- Meets the requirements of UL10C and UBC7.2 (1997) for positive pressure.
- Meets the requirements of ANSI A156.4 and ANSI ICC A117.1. Grade 1
- Meets ADA requirements (Americans with disabilities Act).

![Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.](image)

**Sizes (Adjustable):**
- 5016N—Adjustable sizes 1 through 6, Standard Arm or Hold Open Arm.

<table>
<thead>
<tr>
<th>Interior Door Width</th>
<th>Size 1</th>
<th>Size 2</th>
<th>Size 3</th>
<th>Size 4</th>
<th>Size 5</th>
<th>Size 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Arm &amp; Top Jamb</td>
<td>24&quot;</td>
<td>30&quot;</td>
<td>34&quot;</td>
<td>38&quot;</td>
<td>48&quot;</td>
<td>54&quot;</td>
</tr>
<tr>
<td>Parallel Arm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exterior (&amp; Vestibule) Door Width</th>
<th>Size 3</th>
<th>Size 4</th>
<th>Size 5</th>
<th>Size 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Arm &amp; Top Jamb</td>
<td>24&quot;</td>
<td>30&quot;</td>
<td>36&quot;</td>
<td>42&quot;</td>
</tr>
<tr>
<td>Parallel Arm</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Features:**
- Cast aluminum body.
- Hardened steel rack and pinion.
- High tensile steel springs.
- Staked valves
- Two non-critical adjusting valves (sweep and latch) control closing speed.
- Backcheck intensity valve.
- All temperature fluid.
- Available with a full plastic cover or a slim plastic cover (specify “S” suffix).
- Non-handed for regular, top jamb and parallel arm mount applications.
- Hold open arm available on adjustable closers.
- Available with optional delayed action adjusted with separate independent valve. Delays door closing to allow unimpeded passage through the opening. Specify “D” suffix
- Supplied with machine screws, fully threaded self-reaming/tapping screws, sleeve nuts and thru-bolts for 1-3/4" thick doors.
- Packaging: one per box and four boxes per carton.
- 10 year limited warranty.

**Finishes:**
- Aluminum (689), Specify AL
- Dark Bronze (690), Specify DBZ
- Light Bronze (691), Specify LBZ
- Gold (696), Specify GL
- Black (693), Specify BLK

ASSA ABLOY, the global leader in door opening solutions
5016N Series Door Closers

Premier Product

How to order the 5016N Series

Ordering Example:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part Number</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>5016N</td>
<td>AL</td>
</tr>
</tbody>
</table>

Complete Units:

- Tri-Pack, Slim Plastic Cover, Standard Arm, Sizes 1-6 ..................................................................................................................................................................... 5016NS
- Tri-Pack, Full Plastic Cover, Standard Arm, Sizes 1-6 ..................................................................................................................................................... 5016N
- Tri-Pack, Slim Cover, Standard Arm, Sizes 1-6, Delayed Action ..................................................................................................................................................... 5016NSD
- Tri-Pack, Full Cover, Standard Arm, Sizes 1-6, Delayed Action ..................................................................................................................................................... 5016ND
- Tri-Pack, Slim Plastic Cover, Hold Open Arm, Sizes 1-6 ..................................................................................................................................................... 5016NSH
- Tri-Pack, Full Plastic Cover, Hold Open Arm, Sizes 1-6 ..................................................................................................................................................... 5016NH
- Tri-Pack, Slim Plastic Cover, Hold Open Arm, Sizes 1-6, Delayed Action ..................................................................................................................................................... 5016NSHD
- Tri-Pack, Full Plastic Cover, Hold Open Arm, Sizes 1-6, Delayed Action ..................................................................................................................................................... 5016NHD

Parts & Accessories:

- Drop Plate ........................................................................................................................................................................................................................................ 5016DP
- Full Plastic Cover ..................................................................................................................................................................................................................... 5016FC
- Slim Plastic Cover ..................................................................................................................................................................................................................... 5016SC
- 5016N Closer Body Only ..................................................................................................................................................................................................................... 5016BO
- 5016N Closer Body Only with Delayed Action ..................................................................................................................................................................................................................... 5016BOD
- Through-Bolts for 1-3/8" Thick Door ..................................................................................................................................................................................................................... 5016TB38
- Through-Bolts for 1-3/4" Thick Door ..................................................................................................................................................................................................................... 5016TB34
- Complete Non-Hold Open Arm Assembly (tri-pack) ..................................................................................................................................................................................................................... 5016CNA
- Complete Hold Open Arm Assembly (tri-pack) ..................................................................................................................................................................................................................... 5016CHA

Specify Finish: AL, DBZ, LBZ, GL, or BLK
The Arrow 7800 & 7900 Series Powered Door Operators are low-energy operators which function as standard spring-force closers during close cycles when a door is opened manually, or if power is lost or turned off.

The 7800 is a hard wired door operator ideal for doctors’ offices, retirement facilities, schools, churches, and other applications where noise may be a concern. The 7900 Series builds off the platform of the 7800 but is supplied with a plug-in power cord.

**Compliance:**
- UL/cUL listed.
- Certified to ANSI/BHMA A 156.19 Meets ANSI/BHMA A 156.4 requirements.
- Meets ADA requirements (Americans with disabilities Act).

Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

<table>
<thead>
<tr>
<th>Interior Door Width</th>
<th>24” (610mm)</th>
<th>30” (762mm)</th>
<th>34” (864mm)</th>
<th>38” (965mm)</th>
<th>48” (1219mm)</th>
<th>54” (1372mm)</th>
<th>60” (1524mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Arm &amp; Top Jamb</td>
<td>Size 1</td>
<td>Size 2</td>
<td>Size 3</td>
<td>Size 4</td>
<td>Size 5</td>
<td>Size 6</td>
<td></td>
</tr>
<tr>
<td>Parallel Arm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Exterior (&amp; Vestibule) Door Width</th>
<th>24” (610mm)</th>
<th>30” (762mm)</th>
<th>36” (914mm)</th>
<th>42” (1067mm)</th>
<th>48” (1219mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regular Arm &amp; Top Jamb</td>
<td>Size 3</td>
<td>Size 4</td>
<td>Size 5</td>
<td>Size 6</td>
<td></td>
</tr>
<tr>
<td>Parallel Arm</td>
<td>Size 4</td>
<td>Size 5</td>
<td>Size 6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Features:**
- Ease of installation and setup
- Simple instructions
- Application versatility and ease of adjustment. Push or pull side mounted units available
- Operates as mechanical surface closer during close cycles, when door is opened manually or if power is interrupted
- Quiet operation
- Spring force provides the feel of a normal manual door closer
- Adjustable Spring Power
- Backcheck Valve
- Sweep Valve & Latch Valve
- Non-Handed
- Unit Activation Options:
  - Wall switches
  - Radio frequency device
  - End-User On/Off Switch
  - Hold Open options:
    - 0-30 seconds (5 seconds minimum required for ADA and ANSI/BHMA A156.19)
  - 2-year warranty

**Obstruction Detection:**
- Motor stops if door is obstructed during a powered opening cycle
- Door closes under manual spring force (not to exceed 15lbs)

**Power Input:** 120 VAC, 60Hz

**Current Draw:** .6A

**Relay Output:** DPDT
- Normally Open/Normally Closed (jumper) for electric strike function

**On Board UL Listed Power Supply**
- Rated at 1.1 amps
- 24VDC filtered and regulated voltage output

**Finishes:**
- Aluminum (689), Specify AL
- Dark Bronze (690), Specify DB

Arrow is pleased to announce the addition of the 7900 series powered door operator to its product line. This series is an extension of the 7800 series but offers the convenience of a plug-in power cord, in lieu of the hard wire power input requirement for the 7800 series. The 7900 series, once installed, simply plugs into a code compliant 120 VAC power receptacle.

The power cord is only available on new 7900 Series products and cannot be added to 7800 Series operators. The offering is the same as our current non-power cord version (7800 Series) except that the part numbers begin with 79xx instead of 78xx.
7800 & 7900 Powered Door Operators

Premier Product

Standard Applications:

7814H/7836H/7914H/7936H
Hinge (Pull) Side of Door
• Adjustable Stop
• 180° swing (trim permitting)

Minimum Door width
Single Door – 29” (74cm)
Double Door – 30” (76cm)

An auxiliary door stop is suggested where severe conditions exist, or door opens beyond 110°.

7814S/7836S/7914S/7936S
Stop (Push) Side of Door
Standard Duty Double Lever Arm
• Frame reveals 2-5/8” to 6-3/4” (67-171mm)
• An auxiliary door stop is required for these applications.
• 170° swing (trim permitting)

NOTE: Contact factory for use on doors exceeding 250 lbs.

ASSA ABLOY, the global leader in door opening solutions
## Internal Components & Mechanism:

- Circuit breaker
- Activation switch terminal
- Relay terminal

### POT DESCRIPTION

<table>
<thead>
<tr>
<th>POT</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP</td>
<td>Motor Torque at Hold Open Position</td>
</tr>
<tr>
<td>ACC</td>
<td>Door Mounting (Factory Set)</td>
</tr>
<tr>
<td>DEC/B</td>
<td>Hold Open Time (5-30 Seconds)</td>
</tr>
<tr>
<td>MIN</td>
<td>Motor Reversing Speed</td>
</tr>
<tr>
<td>MAX</td>
<td>Door Open Speed</td>
</tr>
<tr>
<td>CL</td>
<td>Obstruction Detection on Open</td>
</tr>
</tbody>
</table>

900N Closer Assembly 914BO/936BO

ON/OFF Switch 7800PS

Chain 7800CH

Motor Assembly 7800MA

Pinion Extension/Clutch Assembly 7800CA

Door Position Adjustment Assembly 7800AA

Cover 7800CO

ASSA ABLOY, the global leader in door opening solutions
7800 & 7900 Powered Door Operators

Premier Product

Parts & Accessories:

Arm and Track Assemblies

7800TC – Arm and Track Assembly
7800TA – Arm Assembly
7800TO – Track Assembly

7800SC – Arm Assembly
7800SA – Main Arm & Adjusting Tube
7800ST – Rod & Shoe

Signage

• Supplied standard

Push Switches

• 6-5/8” square (box);
  8-1/8” square (trim)
• 9 volt battery for RF switches
• Temperature: -4° F to 122° F
• 15 amp @ 125VAC
• Flush or surface† mounted
• Stainless steel with blue letters
• 7800WSH and 7800WSTR
  – radio frequency (433MHz)
• For units with radio frequency option
  having the 7800RK kit
• 7800WST and 7800WSH
  – hard wired*

* Switches may be installed with single
  or double gang electrical box using
  fasteners included.

† When surface mounted, switches
  project 2” from wall.

Radio Frequency Kit

• Radio Frequency Receiver
  (433 MHz)
• 24 VDC power supply
• Activation switches not included.
• Order 7800KF, 7800T1, 7800T2, 7800WSHR, or
  7800WSTR separately.

Key Fob 7800KF

• Used with radio frequency
  option 7800RK kit

Transmitters

A. Single Channel 7800T1
  • 2-3/8”w x 4-3/16”h x 15/16”d
B. Two Channel 7800T2
  • 2-3/8”w x 4-3/16”h x 15-16”d

ASSA ABLOY, the global leader
in door opening solutions
7800 & 7900 Powered Door Operators

Premier Product

How to order the 7800 & 7900 Series

Ordering Example:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part Number</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>7836H</td>
<td>AL</td>
</tr>
</tbody>
</table>

7800 & 7900 Series Powered Door Operators

<table>
<thead>
<tr>
<th>Mount Application</th>
<th>Closer Size</th>
<th>Radio Frequency</th>
<th>2 Wall Switches</th>
<th>7800</th>
<th>7900</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hinge/Pull</td>
<td>1-4</td>
<td>✓</td>
<td>✓</td>
<td>7814H</td>
<td>7914H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>7814HRP</td>
<td>7914HRP</td>
</tr>
<tr>
<td></td>
<td>3-6</td>
<td>✓</td>
<td>✓</td>
<td>7836H</td>
<td>7936H</td>
</tr>
<tr>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>7836HRP</td>
<td>7936HRP</td>
</tr>
<tr>
<td>Stop/Push</td>
<td>1-4</td>
<td>✓</td>
<td>✓</td>
<td>7814S</td>
<td>7914S</td>
</tr>
<tr>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>7814SRP</td>
<td>7914SRP</td>
</tr>
<tr>
<td></td>
<td>3-6</td>
<td>✓</td>
<td>✓</td>
<td>7836S</td>
<td>7936S</td>
</tr>
<tr>
<td></td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>7836SRP</td>
<td>7936SRP</td>
</tr>
<tr>
<td>Universal</td>
<td>1-4</td>
<td>✓</td>
<td></td>
<td>7814U</td>
<td>7914U</td>
</tr>
<tr>
<td></td>
<td>3-6</td>
<td>✓</td>
<td></td>
<td>7836U</td>
<td>7936U</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Radio Frequency</th>
<th>Switch Displays</th>
<th>Handicap Icon</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6” x 6” Door Switch</td>
<td>✓</td>
<td></td>
<td></td>
<td>7800WST</td>
</tr>
<tr>
<td>Key Fob</td>
<td></td>
<td></td>
<td></td>
<td>7800KF</td>
</tr>
<tr>
<td>Single Channel Hand Held Transmitter</td>
<td></td>
<td></td>
<td></td>
<td>7800T1</td>
</tr>
<tr>
<td>Two Channel Hand Held Transmitter</td>
<td></td>
<td></td>
<td></td>
<td>7800T2</td>
</tr>
<tr>
<td>Radio Frequency Kit</td>
<td></td>
<td></td>
<td></td>
<td>7800RK</td>
</tr>
<tr>
<td>Mounted Sample Unit (includes 7800MK)</td>
<td></td>
<td></td>
<td></td>
<td>M7802</td>
</tr>
<tr>
<td>Display Mounting Kit</td>
<td></td>
<td></td>
<td></td>
<td>7800MK</td>
</tr>
</tbody>
</table>

Parts

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chain</td>
<td>7800CH</td>
</tr>
<tr>
<td>Motor Assembly</td>
<td>7800MA</td>
</tr>
<tr>
<td>Inverter</td>
<td>7800IN</td>
</tr>
<tr>
<td>On/Off Switch</td>
<td>7800PS</td>
</tr>
<tr>
<td>Pillow Block</td>
<td>7800PB</td>
</tr>
<tr>
<td>Pinion Extension Clutch Assembly</td>
<td>7800CA</td>
</tr>
<tr>
<td>Door Position Adjustment Assembly</td>
<td>7800AA</td>
</tr>
<tr>
<td>Cover</td>
<td>7800CO</td>
</tr>
<tr>
<td>Arm &amp; Track Assembly</td>
<td>7800TC</td>
</tr>
<tr>
<td>Arm Assembly</td>
<td>7800TA</td>
</tr>
<tr>
<td>Track Assembly</td>
<td>7800TO</td>
</tr>
<tr>
<td>Standard Arm Assembly</td>
<td>7800SC</td>
</tr>
<tr>
<td>Main Arm &amp; Rod</td>
<td>7800SA</td>
</tr>
<tr>
<td>Adjusting Tube &amp; Shoe</td>
<td>7800ST</td>
</tr>
</tbody>
</table>

Complete Units, Specify Finish AL or DBZ.

ASSA ABLOY, the global leader in door opening solutions
The Arrow 7700 Series offers functionality and control at an affordable price. Ideal for retrofit applications, the 7700 Series converts interior, non-fire rated doors for ADA compliance easily and affordably while providing a simple way to achieve touchless environments in public restrooms. Furnished standard with a track assembly, the pull-side mounted unit can be operated manually or activated by wall switches, or radio frequency devices. Easy to install, set-up and adjust, the 7700 Series is perfect for ADA-compliant offices, classrooms and dorm rooms, and touch free applications like public restrooms, labs and examination rooms.

Features:
- Pull side mounting
- Non-handed
- Quiet operation
- Electrically controlled backcheck, sweep and latch
- Activation options: wall switches, radio frequency devices
- Ease of installation and set-up
- On/Off Switch
- Hold open options: 0-30 seconds (5 seconds minimum required for ADA and ANSI/BHMA A156.19)
- Onboard 24VDC (1.1A) power supply for accessories
- Door closer mode for manual usage
- Electronic motor dampening
  - provides feel of normal, manual door closer
- Electric hardware and access control interface
- Optional AC power cord
- Push & Go
  - As the door is manually opened, the operator “senses” movement and opens door to the full-open position.

Compliance:
* ETL Certified
* Meets the requirements of ANSI/U.L. standard 325 for automatic closing doors
* Meets the requirements of ANSI/BHMA standard A117.1
* Meets ADA requirements (Americans with Disabilities Act)

Look for the universal symbol next to Arrow products that comply with ADA accessibility requirements.

Arrow is pleased to announce the addition of the 7700 series powered door operator to its product line. The 7700 series requires hard wired installation with standard electric power. An optional plug in power cord model can be ordered (factory installed only) and will simply plug into a code compliant 120 VAC power receptacle.

Radio frequency can also be ordered as an additional feature for convenience. See the parts reference chart and ordering requirements for more information.

Finishes:
- Aluminum (689), Specify AL
- Dark Bronze (690), Specify DB
7700 Powered Door Operator

Classic Product

Internal Components & Mechanism:

- Inverter
  - 7710IN

- Power Supply
  - 7710PS

- Motor Assembly
  - 7710MA

- Cover
  - 7710COV

Parts & Accessories:

**7710-1 – Arm and Track Assembly**

- **Push Door Switches**
  - 7800SW1, 7800SW2, 7800SW3
  - 7800SW4
  - 6" width x 6" height
  - 9 volt battery
  - 15 amp @ 125VAC
  - Flush or surface mounted
  - Stainless steel with blue letters
  - 7800SW1, 7800SW2 Radio frequency (433MHz). Used with RF1 option and 7710RK Radio Frequency Kit.
  - 7800SW1, 7800SW2 – hard wired*

* Switches may also be installed with single or double gang electrical box using fasteners included.

- **Replacement Power Cord**
  - 7710PC

- **Touchless Wall Switch**
  - Single gang and double gang
  - Doppler radar
  - Sensor requires movement for activation
  - Variable relay-hold time from 1 to 10 seconds
  - Range of 2" to 24" – field adjustable
  - 2-3/4" (Single); 4-1/2" (Double) w x 4-1/2" h.

- **Radio Frequency Receiver**
  - Radio Frequency Receiver (433 MHz)
  - Activation switches not included.
# 7700 Series Powered Door Operator

## How to order the 7700 Series

### Ordering Example:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part Number</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>7710</td>
<td>AL</td>
</tr>
</tbody>
</table>

## 7700 Series Powered Door Operator

### Mount Application

<table>
<thead>
<tr>
<th>Mount Application</th>
<th>Radio Frequency</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hinge (Pull) Side of Door</td>
<td></td>
<td>7710.AL</td>
</tr>
<tr>
<td>Hinge (Pull) Side of Door</td>
<td></td>
<td>7710.DBZ</td>
</tr>
<tr>
<td>Hinge (Pull) Side of Door with Radio Frequency</td>
<td>✓</td>
<td>7710RF1.AL</td>
</tr>
<tr>
<td>Hinge (Pull) Side of Door with Radio Frequency</td>
<td>✓</td>
<td>7710RF2.DBZ</td>
</tr>
<tr>
<td>Hinge (Pull) Side of Door with Power Cord</td>
<td></td>
<td>7710PC.AL</td>
</tr>
<tr>
<td>Hinge (Pull) Side of Door with Power Cord</td>
<td></td>
<td>7710PC.DBZ</td>
</tr>
<tr>
<td>Hinge (Pull) Side of Door with Radio Frequency &amp; Power Cord</td>
<td>✓</td>
<td>7710PRF1.AL</td>
</tr>
<tr>
<td>Hinge (Pull) Side of Door with Radio Frequency &amp; Power Cord</td>
<td>✓</td>
<td>7710PRF2.DBZ</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Radio Frequency</th>
<th>Switch Displays</th>
<th>Handicap Icon</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door Switch – 6” x 6”, Radio Frequency, ADA Symbol</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>7800SW2</td>
</tr>
<tr>
<td>SPDT Door Switch – 6” x 6”, Hard Wired</td>
<td></td>
<td></td>
<td></td>
<td>7800SW4</td>
</tr>
<tr>
<td>Door Switch – 6” x 6”, Radio Frequency</td>
<td>✓</td>
<td></td>
<td></td>
<td>7800SW1</td>
</tr>
<tr>
<td>SPDT Door Switch – 6” x 6”, Hard Wired, ADA Symbol</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>7800SW3</td>
</tr>
<tr>
<td>Touchless Wall Switch</td>
<td></td>
<td></td>
<td></td>
<td>7710SW5</td>
</tr>
<tr>
<td>Radio Frequency (RF1) Kit</td>
<td>✓</td>
<td></td>
<td></td>
<td>7710RK</td>
</tr>
</tbody>
</table>

### Parts

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Cord</td>
<td>7710PC</td>
</tr>
<tr>
<td>Inverter</td>
<td>7710IN</td>
</tr>
<tr>
<td>Cover</td>
<td>7710OVLAL/DBZ</td>
</tr>
<tr>
<td>Screw Pack</td>
<td>77107710SP</td>
</tr>
<tr>
<td>Arm and Track Assembly</td>
<td>7710-1.AL/DBZ</td>
</tr>
<tr>
<td>Power Supply</td>
<td>7710PS</td>
</tr>
</tbody>
</table>

Complete Units, Specify Finish AL or DBZ.
ARROW LOCK® warrants that its products sold under the “ARROW LOCK” trade name in the United States of America are free from defects in workmanship and materials under normal use and service.

This warranty does not cover defects or damage arising from improper installation, lack of or improper maintenance, improper storage, shipping and handling, corrosion, erosion, ordinary wear and tear, misuse, abuse, accident, unauthorized service, or use with unauthorized non-ARROW LOCK products or parts.

This warranty is void if any modification is made to the warranty product, regardless of whether the modification causes or contributes to the alleged defect. All modifications are made at the risk of the party making the modification.

The only liability of ARROW LOCK®, in tort or contract whether under this warranty or otherwise, shall be limited to the repair or replacement of any product or component part which shall prove defective as covered by this warranty, within the stated time period listed below, after delivery to the original purchaser.

- Door Closers – 10 years
- 7800 & 7900 – 2 Years
- 7700 – 1 Year

ARROW LOCK® will not pay for the cost of repair performed other than in accordance with this warranty.

Refer to our Returned Goods Policy regarding the return of a product or component part believed to be defective as covered by this warranty. A brief description of the defect will be required. Product will be examined upon return. In the event such examination reveals a defect covered by this warranty, the product will be repaired or replaced.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. TO THE EXTENT PERMITTED BY LAW, ALL IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THIS WARRANTY. ARROW LOCK® MANUFACTURING COMPANY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. NO AGENT, SALES REPRESENTATIVE OR DEALER HAS THE AUTHORITY TO INCREASE OR ALTER THE OBLIGATIONS OF THIS WARRANTY.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
100, 300, 400 Series Alarmed Hardware

Premier Product

130N Series exit alarm

General Specifications:

- **Chassis** – Base is 8.3” L x 3.1” x 2.0” D
- **Power/Electronics** – 9-Volt Alkaline battery (supplied).
- **Alarm/Horn** – This alarm features a Peizo horn which blasts a deafening 105+ decibels to alert the violation. Manual or automatic alarm reset adjustable for 2, 5 or 10 minutes.
- **Cylinders** – Each unit is supplied with keyed-alike cam lock to hold cover in place. Mortise cylinder for interior arming/disarming and rim cylinder for exterior arming/disarming if required are ordered separately.

Features:

- Adjustable REX and Passage Time Delay for 7, 10, 15, or 20 seconds. Adjustable LED’s colors indicating armed or violated states.

Typical Installation:

![Typical Installation Diagram]

Finishes:

- TAN.

ASSA ABLOY, the global leader in door opening solutions
300 Series exit alarm

General Specifications:
Chassis—Paddle, chassis and cover made from a non-ferrous alloy. Cover 12-3/4" (323.85 mm) x 2" (50.8 mm) x 2-5/8" (66.67 mm); paddle projection 3-1/4" (88.25 mm); length to end of paddle 10-3/8" (263.52 mm).
Power/Electronics—9 volt battery powered. Modern solid state electronics.
Latch—3/4" (19.05 mm) latchbolt monitored by an electronic sensor switch. Any unauthorized movement of the latchbolt will cause unit to go into alarm.
Doors—For outward swinging doors 1-3/4" (44.45 mm) thick with a 4' minimum stile.
Alarm/Horn—Alarm sounds for 2 minutes, shuts off and automatically rearms itself. Piercing, dual frequency pulsating horns. Rated for 90 decibels at 6 feet.
Cylinders—Inside cylinder operation to arm or disarm unit using 1-1/8" (28.57 mm) mortise cylinder. (Order cylinder separately).
Hand—Reversible. Units are packed RHRB.

Features:
Model 330—Auto relatching.
Red LED indicator flashes when violation occurs. Light continues to flash beyond alarm cycle and can only be turned off by the inside key.
One chassis will accept all available trim options.
Unit must be activated to test available battery power.
Low battery alert feature causes unit to chirp intermittently to indicate low battery power.

400 Series exit alarm

General Specifications:
Chassis—Chassis and cover made from a non-ferrous alloy, 12-3/4" (323.85 mm) x 2" (50.8 mm) x 2-5/8" (66.67 mm).
Touchbar—Rolled steel touchbar assembly to fit 30" (762.0 mm) to 36" (914.40 mm) door furnished standard. Bars to fit 24" (609.60 mm) to 30" (762.0 mm) and 37" (939.80 mm) to 48" (1219.20 mm) available. Can be cut to size in the field. Specify door width.
Power/Electronics—9 volt battery powered. Modern, solid state electronics.
Latch—3/4" (19.05 mm) latchbolt monitored by an electronic sensor switch. Any unauthorized movement of the latchbolt will cause the unit to go into alarm.
Doors—For outward swinging doors 1-3/4" (44.45 mm) thick with 4' (101.60 mm) minimum stile.
Horn/Alarm—Piercing, dual frequency pulsating horns. Rated for 90 decibels at 6 feet. Alarm sounds for two minutes then, shuts down and rearms automatically. A 15 second delay feature allows authorized egress without sounding alarm.
Cylinders—Inside cylinder operation to arm or disarm unit using a 1-1/8" (28.57 mm) mortise cylinder. (Order cylinder separately).
Hand—Reversible. Unit is packed RHRB.

Features:
Model F430—Fire rated.
Model 430—Red LED indicator flashes when violation occurs. Light continues to flash beyond alarm cycle and can only be turned off by the inside key.
Units set up to accept outside cylinder operation as standard.
One chassis will accept all available trim options.
Unit must be activated to test available battery power.
Low battery alert feature causes unit to chirp intermittently to indicate low battery power.

Finishes:
Powder coated painted finishes: AL, BRZ, RD.

Certification and Compliance:
UL listed. Designed to meet ANSI 156.5-1984 and A117.1-1980 for Accessibility Standards.
100, 300, 400 Series Alarmed Hardware

Premier Product

100, 300, 400 Series trim

Exit Alarm Trim
Matching trim available to complement other series of cylindrical locks, BM Series Mortise locks, exit devices and alarms.

Finishes
Levers: US26D, US10B
Plate: AL, BRZ

100, 300, 400 Series accessories

Functions
Passage – Trim always operative
Storeroom – Key retracts latch, key removable only when trim is locked
Classroom – Key locks/unlocks trim

Ordering Information:

<table>
<thead>
<tr>
<th>Trim Type</th>
<th>Passage</th>
<th>Storeroom</th>
<th>Classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever</td>
<td>SRX01</td>
<td>SRX82</td>
<td>SRX87</td>
</tr>
<tr>
<td>Ball Knob</td>
<td>BD01</td>
<td>BD12</td>
<td>BD17</td>
</tr>
<tr>
<td>Tudor Knob</td>
<td>TA01</td>
<td>TA12</td>
<td>TA17</td>
</tr>
<tr>
<td>Plate</td>
<td>SF01</td>
<td>SF03</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Thru Bolts
#S38 (300, 400 series, 1-3/4” doors).
#S24 (F-400 series, 1-3/4” doors).
Specify finish: AL, BRZ.
To add extra strength to mounting.

Narrow Stile Mounting Plates
#S73 (100 series).
#S74 (300 series).
#S75 (400 series).
Specify finish: AL, BRZ.
For doors with stile widths 1-3/4” –4”. Not for use with F-400 series.

Options:

Automatic Rearming
- Units are provided with spring loaded on/off switch. Switch automatically returns to on position after removal of the key.
- Alarm can never be left off.
- Available for all alarm models.
- Prefix AR to catalog number.

Remote Monitor
- Alarm units are supplied with 8-foot leads of wire. Wire attached to electronics assembly to allow monitoring from a remote location.
- Can be used in conjunction with Arrow S40 remote panel or with panel, light or bell provided by others.
- Closed loop circuitry provides highest security.
- Prefix RM to catalog number (not available on 110 or 130 models).

Continuous Alarm
- Horns will sound continuously after a violation has occurred—does not shut off after 2 minute alarm cycle.
- Only disarming by key operation will quiet the alarm.
- Remote power is recommended for units with this feature.
- Prefix CA to catalog number (not available on 110 or 130 models).

Remote Power
- Alarm units are supplied with 8-foot leads of wire. Wire attached to electronics assembly to power unit from an external source.
- Can be used in conjunction with Arrow S63 Hard Wired Battery Eliminator or by other remote 9V power source.
- Prefix RP to catalog number (not available on 110 and 130 models).

Strikes:

S38 300/400 Series standard for single door applications.
Black nylon coated.
S24 F-400 Series standard for single door applications.
Black nylon coated.
S36 300/400 Series for double door applications without a mullion.
Surface applied. Black nylon coated.

ASSA ABLOY, the global leader in door opening solutions
# 3000 Series Exit Devices

## General Specifications:

<table>
<thead>
<tr>
<th>Model</th>
<th>Chassis</th>
<th>Chassis Cover</th>
<th>Door Types</th>
<th>Door Thickness</th>
<th>Stile</th>
<th>Mounting</th>
<th>Handing</th>
<th>Dogging</th>
<th>Top/Bottom Bolts</th>
<th>Latchbolt</th>
<th>Rail</th>
<th>Rail Projection</th>
<th>Opening Height</th>
<th>Fire Exit</th>
<th>Hardware-up to:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3700</td>
<td>Non-ferrous alloy</td>
<td>Cold drawn brass, bronze or stainless steel</td>
<td>Wood or metal</td>
<td>1-3/4&quot; (44.45mm) standard up to 2-1/4&quot; (57.15mm) available</td>
<td>4-1/2&quot; (144.30mm) minimum with trim, 3-1/2&quot; (88.90mm) minimum without trim.</td>
<td>Supplied with wood and machine screws. Available with thru bolts.</td>
<td>Handed. Specify LHRB or RHRB</td>
<td>Allen type standard. Available with cylinder dogging (suffix &quot;CD&quot;)</td>
<td>Brass</td>
<td>N/A</td>
<td>Roll-formed brass, bronze or stainless steel</td>
<td>90° (2286.00mm) standard</td>
<td>4' x 8' single door</td>
<td>8' x 8' single door</td>
<td></td>
</tr>
<tr>
<td>3880</td>
<td>Non-ferrous alloy</td>
<td>Cold drawn brass, bronze or stainless steel</td>
<td>Wood or metal</td>
<td>1-3/4&quot; (44.45mm) standard up to 2-1/4&quot; (57.15mm) available</td>
<td>See trim page for stile dimensions</td>
<td>Supplied with wood and machine screws. Available with thru bolts</td>
<td>Handed. Specify LHRB or RHRB</td>
<td>Allen type standard. Available with cylinder dogging (suffix CD)</td>
<td>Stainless steel, 3/4&quot; (19.05mm) throw</td>
<td>Brass, 3/4&quot; (19.05mm) throw</td>
<td>Roll-formed brass, bronze or stainless steel</td>
<td>N/A</td>
<td>4' x 8' single door</td>
<td>8' x 8' pairs of doors with S21 mullion.</td>
<td></td>
</tr>
<tr>
<td>3900</td>
<td>Non-ferrous alloy</td>
<td>Cold drawn brass, bronze or stainless steel</td>
<td>Wood or metal</td>
<td>1-3/4&quot; (44.45mm) standard up to 2-1/4&quot; (57.15mm) available</td>
<td>4-1/2&quot; (144.30mm) minimum</td>
<td>Supplied with wood and machine screws. Available with thru bolts</td>
<td>Handed. Specify LHRB or RHRB</td>
<td>Allen type standard. Available with cylinder dogging (suffix CD)</td>
<td>N/A</td>
<td>N/A</td>
<td>Roll-formed brass, bronze or stainless steel</td>
<td>N/A</td>
<td>4' x 10' single</td>
<td>8' x 10' pairs of doors (with 3600-FR)</td>
<td></td>
</tr>
</tbody>
</table>

### Order Example:

Example: To order 3880 Rim Exit Device with SL Trim.

**Specify:**

- Standard: 38 Series 88 Function 26D Outside Trim (If Applicable) 32D Rail Size 38D Push Bar Finish RR Handing

**Finish:**


**Options:** (If Required)
## 3000 Series Exit Devices

### Premier Product

#### 3000 Series Functions: Standard Strikes

<table>
<thead>
<tr>
<th>Strike Type</th>
<th>Dimensions (mm)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>S23 Bottom Strike</strong></td>
<td>3/4&quot; (19.05mm)</td>
<td>Standard strike. Surface applied to threshold or floor. Black nylon coated.</td>
</tr>
<tr>
<td><strong>S60</strong></td>
<td>3/4&quot; (19.05mm)</td>
<td>For mounting top plate on doors with flush panel heads.</td>
</tr>
<tr>
<td><strong>S43 Bottom Strike</strong></td>
<td>1 1/4&quot; (31.75mm)</td>
<td>Standard for SB3700. Alternate for S3700. No mortise required. Black nylon coated.</td>
</tr>
<tr>
<td><strong>S38</strong></td>
<td>3/4&quot; (19.05mm)</td>
<td>Standard strike for 3800. Surface applied.</td>
</tr>
<tr>
<td><strong>S39</strong></td>
<td>1 1/4&quot; (31.75mm)</td>
<td>Alternate for 3800. Fully mortised. Dimension &quot;L&quot; equal to 1/4&quot; greater than door thickness. Nylon coating on lip only.</td>
</tr>
<tr>
<td><strong>S36</strong></td>
<td>2 1/2&quot; (63.5mm)</td>
<td>Double door strike. Alternate for 3800. Use on a pair of doors with a mullion.</td>
</tr>
<tr>
<td><strong>S31</strong></td>
<td>3/4&quot; (19.05mm)</td>
<td>Alternate for 3800. Half mortised. Nylon coating on face only.</td>
</tr>
<tr>
<td><strong>S48</strong></td>
<td>3/4&quot; (19.05mm)</td>
<td>Alternate for S3900. Flat lip ANSI A115.1. Non-handed. 1/4&quot; lip standard. Longer lips available in 1/8&quot; increments up to 2 3/8&quot;.</td>
</tr>
</tbody>
</table>

---

**Arrow Lock & Door Hardware**

ASSA ABLOY, the global leader in door opening solutions
4000 Series Exit Devices

Certification & Compliance:
- ANSI/BHMA A156.3, Grade 1
- ANSI A117.1 Accessibility Code
- Underwriters Laboratories (UL and CUL) listed for accident hazard (panic) standard.
- Fire Exit hardware for hollow metal doors, UL and CUL listed for 3 hour, A label and lesser doors, Prefix “F” before part number.
- Fire Exit hardware for wood doors, listed up to 1-1/2 hour, B label doors.
- All exit devices comply with life safety code NFPA 101.
- All fire rated devices comply with fire door and window code NFPA80.

General Specifications:

<table>
<thead>
<tr>
<th>4800 Narrow Stile Rim Exit Device</th>
<th>4900 Narrow Stile Mortise Device</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chassis</strong></td>
<td>Non-ferrous alloy</td>
</tr>
<tr>
<td><strong>Chassis cover</strong></td>
<td>Cold drawn brass, bronze or stainless steel</td>
</tr>
<tr>
<td><strong>Door Types</strong></td>
<td>Wood, hollow metal or extruded aluminum</td>
</tr>
<tr>
<td><strong>Door Thickness</strong></td>
<td>1-3/4” (44.45mm) minimum</td>
</tr>
<tr>
<td><strong>Stile</strong></td>
<td>1-3/4” (44.45mm) minimum</td>
</tr>
<tr>
<td><strong>Handing</strong></td>
<td>Handed. Specify LHRB or RHRB</td>
</tr>
<tr>
<td><strong>Dogging</strong></td>
<td>Allen-type standard. Available with cylinder dogging (suffix CD)</td>
</tr>
<tr>
<td><strong>Top/bottom bolts</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Latchbolt</strong></td>
<td>Stainless steel, 3/4” (19.05mm) throw</td>
</tr>
<tr>
<td><strong>Rail</strong></td>
<td>Roll formed brass, bronze or stainless steel</td>
</tr>
<tr>
<td><strong>Rail Projection</strong></td>
<td>3-1/4” (82.55mm) maximum</td>
</tr>
<tr>
<td><strong>Opening Height</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Fire Exit</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Hardware-up to:</strong></td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Trim</strong></td>
<td>See trim pages 110, 111</td>
</tr>
</tbody>
</table>

Order Example:

Example: To order 4800 Narrow Stile Rim Exit Device with SL Trim.
Specify:

**Standard:**

<table>
<thead>
<tr>
<th>48</th>
<th>08</th>
<th>SL</th>
<th>26D</th>
<th>F</th>
<th>32D</th>
<th>RR</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>48</td>
<td>08</td>
<td>SL</td>
<td>26D</td>
<td>F</td>
<td>32D</td>
<td>RR</td>
<td>Options</td>
</tr>
</tbody>
</table>

ASSA ABLOY, the global leader
in door opening solutions
**S1150 & S1250 Series Exit Devices**

### General Specifications:

<table>
<thead>
<tr>
<th></th>
<th>S1150</th>
<th>S1250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chassis &amp; Cover</td>
<td>Non-ferrous alloy</td>
<td>Non-ferrous alloy</td>
</tr>
<tr>
<td>End caps</td>
<td>Metal</td>
<td>Metal</td>
</tr>
<tr>
<td>Doors</td>
<td>1-3/4” (44.45mm) thick wood or hollow metal</td>
<td>1-3/4” (44.45mm) thick wood or hollow metal</td>
</tr>
<tr>
<td></td>
<td>3-3/4” minimum stile for single doors</td>
<td>4-1/2” (114.3mm) minimum stile</td>
</tr>
<tr>
<td></td>
<td>3-1/2” (88.90mm) minimum stile for double doors</td>
<td>4-5/8” for fire-labeled devices</td>
</tr>
<tr>
<td>Handing</td>
<td>Reversible</td>
<td>Reversible</td>
</tr>
<tr>
<td>Dogging</td>
<td>Allen-type key standard, cylinder available.</td>
<td>Allen-type key standard, cylinder available.</td>
</tr>
<tr>
<td>Top/Bottom Bolts</td>
<td>Brass 1/2” (12.7mm) throw top, 3/4” (19.05mm) bottom</td>
<td>3/4” (19.05mm) throw, stainless steel</td>
</tr>
<tr>
<td>Throughbolts</td>
<td>Order separately</td>
<td>Order separately</td>
</tr>
<tr>
<td>Rail Assembly</td>
<td>Steel</td>
<td>Steel</td>
</tr>
<tr>
<td>Rail Size</td>
<td>Furnished standard for doors up to 36”, can be cut down to accommodate 32” doors.</td>
<td>Furnished standard for doors up to 36”, can be cut down to accommodate 32” doors.</td>
</tr>
<tr>
<td></td>
<td>Alternate rail sizes available for narrow or wide doors</td>
<td>Alternate rail sizes available for narrow or wide doors</td>
</tr>
<tr>
<td>Rods</td>
<td>90° extension kits available</td>
<td>N/A</td>
</tr>
<tr>
<td>Trim</td>
<td>See trim page 105</td>
<td>See trim page 105</td>
</tr>
<tr>
<td>Finishes</td>
<td>AL, BRZ, LBZ (sprayed finishes)</td>
<td>AL, BRZ, LBZ (sprayed finishes)</td>
</tr>
</tbody>
</table>

### Certification & Compliance:

- ANSI/BHMA A156.3, Grade 1
- ANSI A117.1 Accessibility Code
- Underwriters Laboratories (UL and CUL) listed for accident hazard (panic) standard.
- Fire Exit hardware for hollow metal doors, UL and CUL listed for 3 hour, A label and lesser doors, Prefix “F” before part number.
- Fire Exit hardware for wood doors, listed up to 1-1/2 hour, B label doors.
- All exit devices comply with life safety code NFPA 101.
- All fire rated devices comply with fire door and window code NFPA80.
S1150 & S1250 Series Exit Devices

Classic Product

Strikes – S1150 Series:

**Standard & Fire Rated Top Strike - S646**

**Standard Bottom Strike - S23**
S23 bottom Strike surface applied to threshold or floor. Black nylon coated, furnished standard.

**Fire Rated Bottom Strike - S655**

**Sliding Bottom Bolt - S43**
Alternate bottom strike for SVR.

Strikes – S1250 Series:

**Fire Rated Surface Strike - S24**
Surface applied nylon coated for fire labeled S1250

**Standard Surface Strike - S38**
Surface applied furnished standard.

**Double Door Strike - S36**
Strike for double doors without mullion.

Parts:

**Chassis Covers, End Caps & Dogging Key**

<table>
<thead>
<tr>
<th>Part Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chassis cover for 1150</td>
<td>28-0018</td>
</tr>
<tr>
<td>Chassis cover for 1250</td>
<td>28-0013</td>
</tr>
<tr>
<td>End cap for 1150 &amp; 1250</td>
<td>28-0012</td>
</tr>
<tr>
<td>End cap mounting bracket</td>
<td>68-0080</td>
</tr>
<tr>
<td>Dogging Key</td>
<td>97-0001</td>
</tr>
</tbody>
</table>

**Rail Assemblies – Standard Rail, Sprayed Finish**

<table>
<thead>
<tr>
<th>Rail Size</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>24” - 32” Doors</td>
<td>PR-24</td>
</tr>
<tr>
<td>32-1/4” - 36” Doors</td>
<td>PR-36</td>
</tr>
<tr>
<td>36-1/4” - 48” Doors</td>
<td>PR-48</td>
</tr>
</tbody>
</table>

Add “F” prefix for fire rated

**Rail Assemblies – Rail with Cylinder Dogging, Sprayed Finish**

<table>
<thead>
<tr>
<th>Rail Size</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>24” - 32” Doors</td>
<td>PR-24 CD</td>
</tr>
<tr>
<td>32-1/4” - 36” Doors</td>
<td>PR-36 CD</td>
</tr>
<tr>
<td>36-1/4” - 48” Doors</td>
<td>PR-48 CD</td>
</tr>
</tbody>
</table>

**Extension Rod Kit for S1150 Series**

<table>
<thead>
<tr>
<th>Length</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 inch</td>
<td>VRX-18</td>
</tr>
<tr>
<td>24 inch</td>
<td>VRX-24</td>
</tr>
</tbody>
</table>
S1150 & S1250 Series Exit Devices

Classic Product

S1150 & S1250 Exit Device Trim:
Matching trim available to complement: cylindrical locks mortise locks, exit devices, and alarms.

Functions:
Passage – Trim always operative.
Storeroom – Key retracts latch, key removable only when trim is locked.
Classroom – Key locks/unlocks trim.

Ordering Information:

<table>
<thead>
<tr>
<th>Trim Type</th>
<th>Passage</th>
<th>Storeroom</th>
<th>Classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lever</td>
<td>SRX01</td>
<td>SRX82</td>
<td>SRX87</td>
</tr>
<tr>
<td>Ball Knob</td>
<td>BD01</td>
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<td>BD17</td>
</tr>
<tr>
<td>Tudor Knob</td>
<td>TA01</td>
<td>TA12</td>
<td>TA17</td>
</tr>
<tr>
<td>Plate</td>
<td>SF01</td>
<td>SF12</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Finish:
Levers: US26D, US10B
Plate: AL, BRZ

Lever Trim:

Knob Trim:

Ball BD
Knob: B Wrought
Rose: D Wrought

Tudor TA
Knob: T Wrought
Rose: A Wrought

Plate Trim:

38-88A
• For use when retrofitting new style chassis or old style.
• Specify finish
• Order with new style exit device

Sierra SRX
Lever: S Cast
Rose: R Wrought

SF01 SF02 SF12
*SF12 for S1250/FS1250 only.

ASSA ABLOY, the global leader in door opening solutions
Arrow 3000 & 4000 Series Exit Device Trim:  
Optional Slip-Clutch Lever Design  
- Optional slip-clutch is built in beneath security collar added to shank of lever.  
- Available for use with SL88, SL33 and SL08 exit device trim for 3000 Series Exit Devices. (Not available for S1150 or S1250 Series devices.)  

Vandal-resistant slip-clutch lever releases when excessive force is applied without retracting latch. Easily reset by returning lever to horizontal position.

### Exit Device Trim Functions:

<table>
<thead>
<tr>
<th>Function</th>
<th>3700/3700-FR</th>
<th>3800/3800-FR</th>
<th>3900/3900-FR</th>
</tr>
</thead>
<tbody>
<tr>
<td>02*</td>
<td>SS, SL, SN, SS, SL</td>
<td>SS, SS, SB, SN, SS, SL</td>
<td>SS, SS, SB, SN, SS, SL</td>
</tr>
<tr>
<td>03</td>
<td>N/A</td>
<td>SS, SN, SL</td>
<td>SS, SN, SL</td>
</tr>
<tr>
<td>05</td>
<td>SS, SS, SB, SN</td>
<td>SS, SS, SB, SN</td>
<td>SS, SS, SB, SN</td>
</tr>
<tr>
<td>05A</td>
<td>N/A</td>
<td>SS, SS, SB, SN</td>
<td>SS, SS, SB, SN</td>
</tr>
<tr>
<td>08</td>
<td>SL</td>
<td>SL</td>
<td>SL</td>
</tr>
<tr>
<td>08A</td>
<td>SL</td>
<td>SL</td>
<td>SL</td>
</tr>
<tr>
<td>11</td>
<td>S311</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>12</td>
<td>S312</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Function 4800

<table>
<thead>
<tr>
<th>Function</th>
<th>4800</th>
<th>4900/4900-FR</th>
</tr>
</thead>
<tbody>
<tr>
<td>02*</td>
<td>SS, SL</td>
<td>SS, SN, SL</td>
</tr>
<tr>
<td>03</td>
<td>SS, SL</td>
<td>SS, SN, SL</td>
</tr>
<tr>
<td>05</td>
<td>N/A</td>
<td>SS, SN, SL</td>
</tr>
<tr>
<td>05A</td>
<td>N/A</td>
<td>SS, SN, SL</td>
</tr>
<tr>
<td>08</td>
<td>SL</td>
<td>SL</td>
</tr>
<tr>
<td>08A</td>
<td>SL</td>
<td>SL</td>
</tr>
<tr>
<td>11</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>12</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

*02 not available fire rated.

### Exit Device Type:  
ANSI Type Arrow Device

| Type 1 | Rim | $1250, 3000 |
| Type 2 | Surface Vertical Rod | $1150, 3700 |
| Type 3 | Mortise | 3900 |
| Type 4 | Narrow Stile Rim | 4800 |
| Type 6 | Narrow Stile Concealed Vertical Rod | 4600 |
| Type 8 | Metal Door Concealed Vertical Rod | 3600 |
| Type 10 | Narrow Stile Mortise | 4900 |
| Type 22 | Removable Mullion | $20, 521 |

### Exit Device Function:  
ANSI Arrow Function

<table>
<thead>
<tr>
<th>Function</th>
<th>3800/3800-FR</th>
<th>3900/3900-FR</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Exit only; no outside trim</td>
<td>Exit only; no outside trim</td>
</tr>
<tr>
<td>01</td>
<td>01, 03</td>
<td>01, 03</td>
</tr>
<tr>
<td>02</td>
<td>Entry by trim when actuating bar is locked</td>
<td>Entry by trim when actuating bar is locked</td>
</tr>
<tr>
<td>03</td>
<td>Entry by trim when latchbolt retracted by key. Key removable only when trim is locked.</td>
<td>Entry by trim when latchbolt retracted by key. Key removable only when trim is locked.</td>
</tr>
<tr>
<td>04</td>
<td>Entry by thumbpiece when thumbpiece locked/unlock by key.</td>
<td>Entry by thumbpiece when thumbpiece locked/unlock by key.</td>
</tr>
<tr>
<td>05</td>
<td>Entry by thumbpiece; thumbpiece always operative, no outside cylinder.</td>
<td>Entry by thumbpiece; thumbpiece always operative, no outside cylinder.</td>
</tr>
<tr>
<td>08</td>
<td>Entry by knob/lever; outside key locks, unlocks knob/lever.</td>
<td>Entry by knob/lever; outside key locks, unlocks knob/lever.</td>
</tr>
<tr>
<td>08A</td>
<td>Entry by knob/lever; outside knob/lever always operative.</td>
<td>Entry by knob/lever; outside knob/lever always operative.</td>
</tr>
<tr>
<td>11</td>
<td>Entry by auxiliary control turnpiece key locks, unlocks control.</td>
<td>Entry by auxiliary control turnpiece key locks, unlocks control.</td>
</tr>
<tr>
<td>12</td>
<td>Entry by auxiliary control turnpiece only when released by turning key. Key removable only when locked.</td>
<td>Entry by auxiliary control turnpiece only when released by turning key. Key removable only when locked.</td>
</tr>
</tbody>
</table>

### Order Example:

Example: To order.  
Specify:  
Standard: Series  
88 Function  
SL Outside Trim (If Applicable)  
26D Outside Finish  
F Rail Size  
32D Push Bar Finish  
RR Handing  
xxx Options (If Required)
Certification & Compliance:

- ANSI/BHMA A156.3, Grade 1
- Underwriters Laboratories (UL and CUL) Listed for accident hazard (panic) standard.
- Fire Exit hardware for hollow metal doors, UL and CUL listed for 3 hour, A label and lesser doors, Suffix “-FR” after part number.
- Fire Exit hardware for wood doors, listed up to 1-1/2 hour, B label doors
- All exit devices comply with life safety code NFPA 101
- All fire rated devices comply with fire door and window code NFPA80.

General Specifications:

<table>
<thead>
<tr>
<th>500 Series</th>
<th>600 Series</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chassis</strong></td>
<td>Non-ferrous materials</td>
</tr>
<tr>
<td><strong>Chassis Cover</strong></td>
<td>Black Lexan</td>
</tr>
<tr>
<td><strong>Door type</strong></td>
<td>Hollow metal or aluminum</td>
</tr>
<tr>
<td><strong>Door Thickness</strong></td>
<td>1-3/4” (44.5mm) thick doors standard, 500DK Kits available for use with 161 door prep</td>
</tr>
<tr>
<td><strong>Stile</strong></td>
<td>4-1/2” (144.30mm) minimum</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
<td>Wood and Machine screws furnished standard</td>
</tr>
<tr>
<td><strong>Handing</strong></td>
<td>Reversible</td>
</tr>
<tr>
<td><strong>Doggng</strong></td>
<td>Hex-type hold down not available with fire rated devices</td>
</tr>
<tr>
<td><strong>Latchbolt</strong></td>
<td>Stainless Steel</td>
</tr>
<tr>
<td><strong>Rail Assembly</strong></td>
<td>Powder Coated Steel</td>
</tr>
<tr>
<td><strong>Fire Exit Hardware-up to:</strong></td>
<td>4’ x 8’ single door, 8’ x 8’ pairs of doors</td>
</tr>
<tr>
<td><strong>Trim</strong></td>
<td>See S1250 Series</td>
</tr>
<tr>
<td><strong>Finishes</strong></td>
<td>Exit devices &amp; Pulls; AL &amp; DBZ, Lever Trim 10B &amp; 26D</td>
</tr>
<tr>
<td><strong>Strike</strong></td>
<td>S38 Strike</td>
</tr>
<tr>
<td><strong>Size</strong></td>
<td>90” Standard, Optional door height available 96”</td>
</tr>
<tr>
<td><strong>Door Width</strong></td>
<td>530 Device is for 36” door can be cut for a minimum 30” door width. 540 Device is for 48” door can be cut for a minimum 37” door width</td>
</tr>
</tbody>
</table>
Mullions & Accessories Series Exit Devices

Mullions & Accessories:

**Removable Mullion - S20**
- Prime Coated aluminum
- 96” standard, 120” available
- Furnished standard with top retainer (S10) and bottom retainer (S11)

**Removable Mullion - S21**
- U.L. and C.U.L. Labeled for use with 3 hour fire doors.
- 2” x 3” channel iron;
- 96” standard, 120” available
- Furnished standard with malleable iron top retainer (S88) and bottom retainer (S89).
- Lengths from 97” to 120” do not carry U.L. fire label.

**S3000 Dummy Rail**
A non-functioning rail assembly for use on double doors. Matches S2000 and S4000 series exit devices. Available in sizes 24 (for 24”-29” doors), 36 (for 30”-36” doors), 48 (for 37”-48” doors). Bars can be cut down in the field. For stile width under 4-1/2”, specify next larger size. Available in finishes – 3, 4, 10, 108, 32, 32D, AL, BRZ.

**Cylinder Dogging Rail**
- Optional cylinder dogging available

**VRX-18 Rod Extension**
- Prime Coated aluminum
- 96” standard, 120” available
- Furnished standard with top retainer (S10) and bottom retainer (S11)

**Weather Stripping**

<table>
<thead>
<tr>
<th>Mullions:</th>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Removable mullion - 96”</td>
<td></td>
<td>S20</td>
</tr>
<tr>
<td>Removable Mullion - 120”</td>
<td></td>
<td>S20-120</td>
</tr>
<tr>
<td>Key removable mullion - 96”, less cylinder</td>
<td></td>
<td>S20-K</td>
</tr>
<tr>
<td>Removable mullion for narrow stile - 96”</td>
<td></td>
<td>S20-N</td>
</tr>
<tr>
<td>Removable mullion for narrow stile - 120”</td>
<td></td>
<td>S20-N-120</td>
</tr>
<tr>
<td>Fire-rated removable mullion - 96”</td>
<td></td>
<td>S21</td>
</tr>
<tr>
<td>Fire-rated key removable mullion - 96”, less cylinder</td>
<td></td>
<td>S21-K</td>
</tr>
<tr>
<td>Top retainer for S20</td>
<td></td>
<td>S10</td>
</tr>
<tr>
<td>Bottom retainer for S20</td>
<td></td>
<td>S11</td>
</tr>
<tr>
<td>Top retainer for S20-N</td>
<td></td>
<td>S91</td>
</tr>
<tr>
<td>Bottom retainer for S20-N</td>
<td></td>
<td>S92</td>
</tr>
<tr>
<td>Stabilizer for S20-N</td>
<td></td>
<td>S90</td>
</tr>
<tr>
<td>Top retainer for S21</td>
<td></td>
<td>S88</td>
</tr>
<tr>
<td>Bottom retainer for S21</td>
<td></td>
<td>S89</td>
</tr>
</tbody>
</table>
Fire Labeled Hardware Exit Devices

Selection chart for A through E labeled doors
For reference only. Refer to latest UL building materials list for complete information.

<table>
<thead>
<tr>
<th>Application</th>
<th>Type</th>
<th>Narrow Device</th>
<th>Standard Device</th>
<th>Maximum Door Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Door</td>
<td>Rim</td>
<td>—</td>
<td>FS1250</td>
<td>4'0&quot; x 8'0&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1800-FR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3800-FR</td>
<td></td>
</tr>
<tr>
<td>Mortise</td>
<td>4900-FR</td>
<td></td>
<td>1900-FR</td>
<td>4'0&quot; x 8'0&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3900-FR</td>
<td></td>
</tr>
<tr>
<td>Double Doors with S21 Mullion</td>
<td>Rim</td>
<td>—</td>
<td>FS1250 x FS1250</td>
<td>8'0&quot; x 8'0&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1800-FR x 1800-FR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3800-FR x 3800-FR</td>
<td></td>
</tr>
<tr>
<td>Mortise x concealed</td>
<td>4900-FR x 4600-FR</td>
<td></td>
<td>3900-FR x 3600-FR</td>
<td>8'0&quot; x 8'0&quot;</td>
</tr>
<tr>
<td>vertical rod</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mortise x surface</td>
<td>—</td>
<td>1900-FR</td>
<td>1700-FR</td>
<td>8'0&quot; x 8'0&quot;</td>
</tr>
<tr>
<td>vertical rod</td>
<td></td>
<td>3900-FR</td>
<td>3700-FR</td>
<td></td>
</tr>
<tr>
<td>Two concealed vertical rod</td>
<td>4600-FR x 4600-FR</td>
<td></td>
<td>3600-FR x 3600-FR</td>
<td>8'0&quot; x 8'0&quot;</td>
</tr>
<tr>
<td>Two surface vertical rod</td>
<td>—</td>
<td>FS1150 x FS1150</td>
<td>1700-FR x 1700-FR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3700-FR</td>
<td>3700-FR</td>
<td></td>
</tr>
<tr>
<td>Two concealed vertical rod</td>
<td>4600-FR x 4600-FR</td>
<td></td>
<td>3600-FR x 3600-FR</td>
<td>8'0&quot; x 7'2&quot; (A)</td>
</tr>
<tr>
<td>Two surface vertical rod</td>
<td>—</td>
<td>FS1150 x FS1150</td>
<td>1700-FR x 1700-FR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3700-FR</td>
<td>3700-FR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>8'0&quot; x 8'0&quot; (B-E)</td>
<td></td>
</tr>
</tbody>
</table>

S13 Bottom Strike

S14
For application to wood or hollow metal doors.

S15 Bottom Strike
Alternate for 1700-Fs. For use on 1/2" threshold. Stainless steel. Furnished with expansion shields.

S24
F-400 Series standard for single door applications. Black nylon coated.

S46 Bottom Strike

S58 Bottom Strike
Alternate for F-S1150, 3700-FS. For use on 1/2" threshold. Stainless steel, nylon coated. Furnished with expansion shields.

S646 Fire Rated Top Strike
Standard for FS1150 and 3700-FR. Surface applied. Nylon Coated.
## Exit Device Trim

<table>
<thead>
<tr>
<th>SB</th>
<th>SB02</th>
<th>SB03</th>
<th>SB05A</th>
<th>SB05</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><img src="image" alt="SB02" /></td>
<td><img src="image" alt="SB03" /></td>
<td><img src="image" alt="SB05A" /></td>
<td><img src="image" alt="SB05" /></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>SL</th>
<th>SL02</th>
<th>SL03</th>
<th>SL08A</th>
<th>SL08</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><img src="image" alt="SL02" /></td>
<td><img src="image" alt="SL03" /></td>
<td><img src="image" alt="SL08A" /></td>
<td><img src="image" alt="SL08" /></td>
</tr>
</tbody>
</table>

### Dimensions

- **SB**
  - Width: 305.3mm
  - Height: 66.67mm
  - Thickness: 6mm

- **SL**
  - Width: 204.7mm
  - Height: 79.37mm
  - Thickness: 20.63mm
Exit Device Trim

- **S311**—Use with S3700, FS3700, S1700, FS1700. Key locks or unlocks turn lever.
- **S312**—Use with S3700, FS3700, S1700, FS1700. Turn lever operative only with key in cylinder and turned.
- **S411**—Use with S3600, FS3600, FS4600. Key locks or unlocks turn lever.
- **S412**—Use with S3600, FS3600, FS4600. Turn lever operative only with key in cylinder and turned.
- **S511**—Use with S4600. Key locks or unlocks turn lever.
- **S512**—Use with S4600. Turn lever operative only with key in cylinder and turned.

**Dimensions:**
- SP: 9 5/8" (244.4mm)
- SS: 7 3/16" (182.5mm)
- SN: 6\(\frac{11}{16}\)" (167.15mm)

**Auxiliary Outside Control:**
- SP: 9 5/8" (244.4mm)
- SS: 7 3/16" (182.5mm)
- SN: 6\(\frac{11}{16}\)" (167.15mm)
## Exit Device Selection Chart

For reference only. Refer to latest UL building materials list for complete information.

<table>
<thead>
<tr>
<th>Application</th>
<th>Type</th>
<th>Narrow Stile Touch Bar</th>
<th>Standard Touch Bar</th>
<th>Crossbar</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Single Door Mortise</strong></td>
<td>Rim</td>
<td>4800</td>
<td>S1250, FS1250</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>Rim</td>
<td>—</td>
<td>S1150, FS1150</td>
<td>Mortise</td>
</tr>
<tr>
<td></td>
<td>Mortise</td>
<td>4900, 3900-FR</td>
<td>3900, 3900-FR</td>
<td>Mortise</td>
</tr>
<tr>
<td><strong>Double Doors with Mullion</strong></td>
<td>Rim</td>
<td>4800 x 4800 with S20-N mullion</td>
<td>S1250 x S1250 3800 x 3800 with S20 mullion FS1250 x FS1250 3800-FR x 3800-FR with S21 mullion</td>
<td>Mortise</td>
</tr>
<tr>
<td><strong>Double Doors without Mullion</strong></td>
<td>Concealed Vertical Rod</td>
<td>4600 x 4600</td>
<td>3600 x 3600</td>
<td>Mortise</td>
</tr>
<tr>
<td></td>
<td>Vertical Rod</td>
<td>—</td>
<td>S1150 x S1150 FS1150 x FS1150 S3700 x S3700 3700-FR x 3700-FR</td>
<td>Mortise</td>
</tr>
<tr>
<td></td>
<td>Vertical Rod x Mortise</td>
<td>—</td>
<td>3700 x 3700 3700-FR x 3700-FR</td>
<td>Mortise</td>
</tr>
</tbody>
</table>
For more information regarding Arrow locksets, exit devices, door closers and key systems, contact your authorized Arrow distributor.

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YouTube: www.youtube.com/revolutionbyarrow
E-Newsletter Signup: www.arrowlock.com/newsletter

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