L SERIES

CABINET LOCKS

Distributed By
DH Pace National Key Service Center
855-237-3667
BestSolutions@dhpace.com
DHPace.com/BestSolutions
3L SERIES DEADBOLT

3L7RD2
(Vertical Only)

Operation—Deadbolt locked and unlocked by key. Must be locked by key after door is closed. Key may be withdrawn in locked position and unlocked position.

Specifications

Material—Bolt is stainless steel, springs are phosphor bronze, all other parts are brass.

ANSI/BHMA—Conforms to requirements of ANSI/BHMA A156.11, Grade 1

Backset—7/8”

Bolt—1 1/8” x 3/16” – 3/4” throw

Case—Height 2 13/64”, width 2 1/8”, thickness 2 1/32”, hole spacing 1 39/64” x 1 1/4”

Cylinder diameter—1 1/8”

Cylinder length—7-pin tumbler, 1 13/64”

Finish—Base finish 606 unless otherwise specified.

Keeper plate—None supplied.

Products protected by one or more of the following patents:

U.S.: 4531389 4633690 4663839 4075878 4055973 4768360 4616394 4722204 4843852

Canada: 4531390 4633690 4663839 4075878 4055973 4768360 1229234

HOW TO ORDER 3L

<table>
<thead>
<tr>
<th>3L</th>
<th>7</th>
<th>R</th>
<th>D</th>
<th>2</th>
<th>606</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>Core</td>
<td>Mounting Housing</td>
<td>Latch Type</td>
<td>Hand Type</td>
<td>Standard Finish</td>
</tr>
<tr>
<td>3L—coin box lock</td>
<td>7</td>
<td>R—rim</td>
<td>deadbolt</td>
<td>2—vertical</td>
<td>606</td>
</tr>
</tbody>
</table>
5L SERIES LATCHBOLT
Specifications

Latchbolt function— Retracted by key to unlock. Key may be with drawn only in locked position

Deadbolt function— Locked and unlocked by key. Must be locked by key after door is closed. Key may be withdrawn in locked position and unlocked position

ANSI/BHMA— Conforms to requirements of ANSI/BHMA A156.11, Grade 2

Backset— 7⁄8”

Body thickness— 1⁄2”

Case— Length 2 3⁄8”, width 2 19⁄32”, thickness 2 3⁄32”, hole spacing 2 3⁄16”

Cylinder diameter— 1 1⁄8”

Cylinder length— 1 7⁄16”

Deadbolt— 3⁄4” x 25⁄64” — 1⁄2” throw

Door thickness— 5⁄8” minimum for rim type, 2 1⁄32” minimum for mortise type.

Face— 1 7⁄8” x 2 1⁄32”

Latchbolt— 3⁄4” x 25⁄64” — 9⁄32” throw

Material— Nickel plated zinc case and bolts, stainless steel cover, phosphor bronze spring.

Strike plate— 3⁄4” x 1 7⁄16” x 1 3⁄8”, hole spacing 1 1⁄8”, 1 1⁄4” wide lip.

T-Option— Key is removeable only in locked position. (Deadbolt Only)

5L SERIES LATCHBOLT
Mounting Positions

Rim
(Vertical Mounting)

Mortise
(Vertical Mounting)

Left-hand

Inverted

Right-hand

5L continued next page
5L SERIES DEADBOLT – continued

Mounting Positions

Rim
(Vertical Mounting)

Mortise
(Vertical Mounting)

Left-hand

Inverted

Right-hand

5L STRIKES

Strike plate specification: \( \frac{3}{64} \times \frac{11}{16} \times 1 \frac{7}{8} \); hole spacing \( 1 \frac{7}{16} \)

A-450
A-451
A-452
A-453

HOW TO ORDER 5L

<table>
<thead>
<tr>
<th>5L</th>
<th>7</th>
<th>R</th>
<th>D</th>
<th>2</th>
<th>606</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>Core Housing</td>
<td>Mounting Type</td>
<td>Latch Type</td>
<td>Hand</td>
<td>Standard Finish</td>
<td></td>
</tr>
<tr>
<td>5L</td>
<td>7–7 pin housing accepts all Best cores</td>
<td>M–mortise</td>
<td>D–deadbolt</td>
<td>2–vertical</td>
<td>606</td>
<td>T-deadlock (deadbolt only)</td>
</tr>
<tr>
<td></td>
<td>R–rim</td>
<td>L–latchbolt</td>
<td>5–inverted</td>
<td></td>
<td>612</td>
<td>(cylinder only)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>626</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**8L SERIES MAIL BOX LOCKS**

**8LSPR Series Specifications**

- **Housing:** Steel, zinc plated.
- **Cylinder:** Machined from solid aluminum.
- **Cylinder head diameter:** 1 ⅛”.
- **Latchbolt:** ¾” square with bevel.
- **Handing:** Right-hand standard – 8LSPR.
- **Finish:** 627 standard.

The 8L7SPR mail box lock features the convenience of the interchangeable core, allowing quick combination change, and is adaptable to a number of different mail box manufacturers. The 8L7SPR can be masterkeyed into any existing BEST system. Variations are available for adaptation purposes.

**To order:** Specify mail box manufacturer and style number, and/or send sample of mail box door.

Special factory prepared adaptations are available for a wide variety of applications. The 8LSPM series of mailbox locks utilizes a modified version (2C) of the standard BEST figure 8 core (right). Please refer to the Best Access Systems Adaptation and Equivalent List or contact your local Best Access Systems office concerning specific applications. The 2C core has an extended plug and requires lock disassembly to change the core. The 8L series comes with 7-pin core and may be keyed into any existing BEST system. BEST mail box locks are adaptable for a variety of different mail box installations. The 8L series and 5E series offer applications commonly found in educational buildings, hotels and motels, dormitories, government buildings, banks, etc.

**To order:** Specify the manufacturer and/or send sample of mail box to be adapted to your local Best Access Systems office.

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**1E SERIES-SLABBED CABINET MORTISE CYLINDERS**

**Specifications**

- **Length:** 1E7D4: 1 15/32” from head to cam.
- 1E7E4: 1 1/4” from head to cam.
- **Cylinder diameter:** 1 5/32”, 7/8” across flats.
- **Thread:** 1.150 - 32 (NS - 2A).
- **Finish:** 626 standard.

The special cylinders are threaded to the head, mounted with a hex nut, and slabbed on both sides to prevent turning in the mounting hole.

**1E SERIES**

<table>
<thead>
<tr>
<th>Cylinder Diameter</th>
<th>Core Housing</th>
<th>Function Code</th>
<th>Rings</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1E- 1 5/32”</td>
<td>7- 7 pin housing accepts all Best cores</td>
<td>D4- direct motion</td>
<td>RP3- ⅜” and ⅜”</td>
<td>605 606</td>
</tr>
<tr>
<td></td>
<td></td>
<td>E4- lost motion</td>
<td>RP1- ⅜” and ⅜”</td>
<td>612 613</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RP2- ⅜” and ⅜”</td>
<td>625 626</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RP3- ⅜”, ⅜” and ⅜”</td>
<td>(see E series cylinder catalog)</td>
</tr>
</tbody>
</table>

**HOW TO ORDER 1E**
5E SERIES 3/4" UTILITY CYLINDER

5E Specifications:

5E6 – Series
“"A" (Body length) – 3\(\frac{1}{16}\)". Body diameter – 3/4". Body – 6 pin. Head diameter – 7/8", Finish – 626, “"B" (Max. mounting thickness) – 3/16".

5E7 - Series
“"A" (Body length) – 1 1/8". Body diameter – 3/4". Body – 7 pin. Head diameter – 7/8", Finish – 626, “"B" (Max. mounting thickness) – 3/16".

5E – Straight Cam

Standard 5E Assembly unit includes:
Keyed 3/4" with cam (specify cam length - if length is not specified, the 5EC1 x 7/8" will be supplied as standard), hex nut, spacer collar (not supplied unless length is specified), and lock washer.

Application:
Fits standard 3/4" cylinder installations for e.g. desks, file cabinets, coin-operated vending machines, utility cabinets, storage cabinets, elevators, and security alarm control panels.

Material finish:
Solid extruded brass cylinder body, 626 finish standard.

Cam motion operation:
TYPE “A” - Standard 5E cylinder key rotates 360° right or left.
TYPE “B” - Limited motion cam operation 90° or 180° as required.
TYPE “C” - Lost motion cam operation 90°: Key removal with cam in locked or unlocked position.
TYPE “D” - Throw member-type drive. Two throw pins engage key plug from rear of cylinder. (Direct 360° action-R or L.)
Throw member types available upon request.

Cam & Spacer Collar:
Cam variations are detailed in the cylinder catalog section and may be modified for use on the 5E cylinder. Standard cams are factory attached to key plug with screws. Spacer collars may be required to position the cam for proper lock operation. The spacer collar is installed between the 5E cylinder head and the mounting surface. Both straight collars and special tapered collars available by request. To order: See E series (cylinder) catalog section (page 11).

HOW TO ORDER 5E

<table>
<thead>
<tr>
<th>5E</th>
<th>7</th>
<th>A</th>
<th>1</th>
<th>C</th>
<th>R708</th>
<th>4B</th>
<th>21</th>
<th>12</th>
<th>R</th>
<th>90</th>
<th>626</th>
</tr>
</thead>
<tbody>
<tr>
<td>5E</td>
<td>3/4&quot;</td>
<td>6-6 pin</td>
<td>6-7 pin cores</td>
<td>Designate specific keyway (A, E, etc.)</td>
<td>1-uncombined</td>
<td>2-combined</td>
<td>A-direct</td>
<td>B-limited</td>
<td>C-lost</td>
<td>D-throw member</td>
<td>1-fixed straight</td>
</tr>
</tbody>
</table>

REMARKS:

- 5E6 – Series
- 5E7 - Series
- 5E – Straight Cam
- Standard 5E Assembly unit includes:
- Keyed 3/4" with cam (specify cam length - if length is not specified, the 5EC1 x 7/8" will be supplied as standard), hex nut, spacer collar (not supplied unless length is specified), and lock washer.
- Application:
- Fits standard 3/4" cylinder installations for e.g. desks, file cabinets, coin-operated vending machines, utility cabinets, storage cabinets, elevators, and security alarm control panels.
- Material finish:
- Solid extruded brass cylinder body, 626 finish standard.
- Cam motion operation:
- TYPE “A” - Standard 5E cylinder key rotates 360° right or left.
- TYPE “B” - Limited motion cam operation 90° or 180° as required.
- TYPE “C” - Lost motion cam operation 90°: Key removal with cam in locked or unlocked position.
- TYPE “D” - Throw member-type drive. Two throw pins engage key plug from rear of cylinder. (Direct 360° action-R or L.)
- Throw member types available upon request.
- Cam & Spacer Collar:
- Cam variations are detailed in the cylinder catalog section and may be modified for use on the 5E cylinder. Standard cams are factory attached to key plug with screws. Spacer collars may be required to position the cam for proper lock operation. The spacer collar is installed between the 5E cylinder head and the mounting surface. Both straight collars and special tapered collars available by request. To order: See E series (cylinder) catalog section (page 11).
2P SERIES PUSH LOCKS FOR FILE CABINETS

Specifications

Material– All parts are solid brass; phosphor bronze springs.
Dimensions– See illustrations and table below.
Finish– 2P Series 626 (satin chrome) standard finish. 5P series finish to match satin chrome. (7 pin only).

Two types of file cabinet push locks are available from BEST. The 2P series incorporates the BEST interchangeable core and requires special cabinet preparation. The 5P series replaces standard industry size file cabinet locks without modification of lock opening, but does not have interchangeable core features. Both may be keyed individually, keyed alike, masterkeyed or grand-masterkeyed with other BEST locks of any type. To order: Specify proper lock, finish and keying instructions.

![2P73 Vertical mounting slot](image1)

![2P74 Horizontal mounting slot](image2)

2P73 Vertical mounting slot

2P74 Horizontal mounting slot

<table>
<thead>
<tr>
<th>Dimensions in inches</th>
<th>Vertical Mounting Slot</th>
<th>Horizontal Mounting Slot</th>
</tr>
</thead>
<tbody>
<tr>
<td>2P73 (7Barrel)</td>
<td>A 2 9⁄32&quot; B 1⁄4&quot; C 19⁄32&quot; D 1 1⁄8&quot; E 5⁄16&quot; F 3⁄4&quot; G 5⁄32&quot; H 1⁄8&quot; I 5⁄32&quot; J #6-32 K 5⁄32&quot;</td>
<td></td>
</tr>
<tr>
<td>2P74 (7Barrel)</td>
<td>A 2 9⁄32&quot; B 1⁄4&quot; C 19⁄32&quot; D 1 1⁄8&quot; E 5⁄16&quot; F 3⁄4&quot; G 5⁄32&quot; H 1⁄8&quot; I 5⁄32&quot; J #6-32 K 5⁄32&quot;</td>
<td></td>
</tr>
</tbody>
</table>

PATENTED KEYING

BEST Peaks® – For advanced solutions in key control and security, BEST offers Peaks®, the most adaptable and cost effective patented keying system on the market. The patented mechanism ensures that cylinders and cores will only operate with the Peaks® keys, which are only available through authorized BEST distributors.

For BEST products, Peaks® offers the security and convenience of a patented solution for interchangeable core. Peaks® is also available to adapt to a wide variety of locks from other manufacturers. All cylinders can be keyed into the same system, providing you the ability to operate all the locks at your facility using a single key, regardless of the lock manufacturer.
2S SERIES PUSH LOCKS FOR SLIDING DOORS

Specifications
Case—extruded brass.
Width—1 1/2"
Thickness—23/32"
Inside face plate—2 3/4" x 7/8", hole spacing 2 3/16".
Detachable face plate—1/16" x 1 1/8" x 2 3/4", hole spacing 2 3/16".
Strike—2 3/8" x 1 1/8", 2 3/16" hole spacing.
Finish—626 supplied unless otherwise specified.

FUNCTION CODE CHART

<table>
<thead>
<tr>
<th>Function Code</th>
<th>Door Thickness</th>
<th>Bolt Thickness</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>73</td>
<td>7/32&quot; dia.</td>
<td>7/32&quot; dia.</td>
<td>When unlocked, case of lock moves out through door stile and may be used as handle for moving door. To lock 2S73 and 2S74, push case in through door. Spring locking action. To lock 2S75, operate key and push case “IN” through door to engage bolt retaining pin behind strike plate in opposite door.</td>
</tr>
<tr>
<td>73 x TBM</td>
<td>7/32&quot; dia.</td>
<td>3/4&quot; throw</td>
<td></td>
</tr>
<tr>
<td>74 x TBM</td>
<td>7/32&quot; dia.</td>
<td>3/4&quot; throw</td>
<td></td>
</tr>
<tr>
<td>75 x TBM</td>
<td>3/4&quot; dia.</td>
<td>3/16&quot; bolt engagement. 1/8&quot; locking pin</td>
<td></td>
</tr>
</tbody>
</table>

HOW TO ORDER 2S

<table>
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<tr>
<th>2S</th>
<th>7</th>
<th>5</th>
<th>626 **</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>Core Housing</td>
<td>Function Code</td>
<td>Standard Finish</td>
</tr>
<tr>
<td>2S</td>
<td>push lock for sliding door accepts all BEST cores</td>
<td>7</td>
<td>7 pin housing</td>
</tr>
</tbody>
</table>

Must specify key mark and number of keys or designate L/C for less core.
3S SERIES SLIDING PANEL LOCKS

Specifications

Strike strap—stainless steel, ½” wide.
Locking housing—aluminum.
Finish—627 aluminum only.
Operation—A stainless steel strap mounts permanently on the inner sliding panel. When panels are closed, the tongue of the strike strap extends beyond the edge of the outer panel. To lock panels, slide lock housing onto overlapping tongue and up against edge of outer panel. Lock by turn of key. Key is removable in locked position only.

Specifications

<table>
<thead>
<tr>
<th>Strike strap</th>
<th>Length</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>3SS1</td>
<td>4 1/4&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>3SS2</td>
<td>6 1/4&quot;</td>
<td>7/32&quot;</td>
</tr>
<tr>
<td>3SS3</td>
<td>6 1/4&quot;</td>
<td>5/16&quot;</td>
</tr>
<tr>
<td>3SS4</td>
<td>6 1/4&quot;</td>
<td>13/32&quot;</td>
</tr>
<tr>
<td>3SS5</td>
<td>6 1/4&quot;</td>
<td>3/4&quot;</td>
</tr>
</tbody>
</table>

HOW TO ORDER 3S

<table>
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<tr>
<th>3S Series</th>
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<th>5</th>
<th>S2</th>
<th>627</th>
</tr>
</thead>
<tbody>
<tr>
<td>3S—sliding panel lock</td>
<td>7</td>
<td>5</td>
<td>S1</td>
<td>627</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>5</td>
<td>S2</td>
<td>627</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>5</td>
<td>S3</td>
<td>627</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>5</td>
<td>S4</td>
<td>627</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>5</td>
<td>S5</td>
<td>627</td>
</tr>
</tbody>
</table>

7—7 pin housing accepts all BEST cores
5—straight lock housing
7—captured panel lock
8—housing with 1" extension
S1—4 1/4" x 1/4"
S2—standard unless otherwise specified
S3—6 1/4" x 7/32"
S4—6 1/4" x 13/32"
S5—6 1/4" x 3/4"
627—standard
**SERVICE EQUIPMENT**

5ED254—Metal Punch and Die

**5E254**

Metal Punch and Die  
This tool provides a quick method for cutting accurate \( \frac{3}{4} \)" slabbed holes in metal cabinets in order to mount the 5E cylinder. Slabbed side prevents cylinder from turning or being forced with head wrench.  
**To order specify:** 5ED254 punch and die.

5ED253—Thread Tap

**5ED253 Thread Tap**  
Matches standard 24 thread on 5E series cylinder locks.  
**To order specify:** 5ED253 thread tap

5ED261—5E  
Capping Block

**5ED261 Capping Block**  
The capping process for single shearline 5E cylinders requires the following:

<table>
<thead>
<tr>
<th>5E slide caps:</th>
<th>5ECP6—6 pin</th>
<th>5ECP7—7 pin</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>5E Cylinder:</strong></td>
<td>5ED261 Capping Block</td>
<td>5ED262 Cap Depressor</td>
</tr>
</tbody>
</table>
Service Equipment for 5E Cylinders (single shearline)

Best single shearline locks may be combinated to Grand Master, Master and/or any operating combinations in your BEST system. Utilizes the AD433 Key Combinator. See (D Series) Service Equipment Catalog page 3 for details.

5ED250 – Combinating Kit (single shearline)

Similar to standard CD431 kit for figure 8 cores, the single shearline kit provides a special 5ED261 capping block, springs (5ES1) and caps (5ECP).

To order specify:
- 5ED250 - 2 (for A2 system)
- 5ED250 - 3 (for A3 system)
- 5ED250 - 4 (for A4 system)

Pin Segments (included in kit)

Close tolerance segments assist in accurate combinating.
To order: Contact your local Best Representative.

Core Springs (included in kit)

This properly sized spring facilitates consistent action in all BEST figure 8 cores.
To order specify: 22S springs.

Core Caps (included in kit)

Barrels are securely sealed by applied core caps.
To order specify: 21C caps.
For more information on BEST’s full line of security solutions visit our web site at www.bestaccess.com or call 1-317-849-2250 for the name of the Best Access Systems office nearest you.

Product information contained in this catalog has been compiled and presented with as much care and completeness as is reasonably possible. Errors or mistakes may be present, and in many cases, reliance has been placed on information supplied by other manufacturers which may be in error or which may be subject to changes or modifications by the manufacturer without notice and without obligation. Therefore, no guarantee can be made or should be assumed or implied with regards to product information contained in this catalog. Peaks® is a registered trademark of KABA® High Security Locks Corporation.

Product Warranty – Best Access Systems warrants that all of its products sold under its trade name “BEST” are free of defects in materials, workmanship and operation, normal wear and tear excepted, for a period of three years from the date of sale to the original purchaser.

Concerning Proper Installation: Installation instructions for any Best Access Systems product should be carefully followed for proper operation of the installed product. If improperly installed, malfunction of the product may result.