L SERIES
Cabinet Locks
3L SERIES DEADBOLT

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 Key may be withdrawn in locked position and unlocked position.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.

Backset—\( \frac{3}{4}\)"

Bolt—1\( \frac{1}{8}\)" x \( \frac{3}{4}\)" – \( \frac{1}{4}\)" throw

Case—Height 1\( \frac{1}{2}\)" x 2\( \frac{1}{8}\)", thickness \( \frac{3}{16}\)", hole spacing 1\( \frac{39}{64}\)" x 1\( \frac{1}{4}\)"

Cylinder diameter—1\( \frac{1}{4}\)"

Cylinder length—7-pin tumbler, 1\( \frac{3}{8}\)"

Finish—Base finish 606 unless otherwise specified.

Keeper plate—None supplied.

Products protected by one or more of the following patents:

U.S.: 4531390 4531389 4633690 1229234
Canada: 4663839 4075878 4616394
4055973 4768360 D290085
472204 4943852 5590555
5794472

3L7RD2
(Vertical Only)

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>
<th>Std.</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>
<td>Cylinder Length</td>
</tr>
<tr>
<td>3L — coin box lock</td>
<td>7 — 7 pin housing accepts all Best cores</td>
<td>R — rim</td>
<td>D — deadbolt</td>
<td>2 — vertical</td>
<td>606 612 626 (cylinder only)</td>
<td>Standard 1( \frac{1}{2})&quot; 2&quot;</td>
</tr>
</tbody>
</table>
Specifications

Latchbolt function – Retracted by key to unlock. Key may be withdrawn only in locked position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 Key may be withdrawn in locked position and unlocked position

Backset – ¾”

Body thickness – ½”

Case – Length 2 ¾”, width 2 ¾”, thickness ¾”, hole spacing 2 ¾”

Cylinder diameter – 1 ¼”

Cylinder length – 1 ½”

Deadbolt – ¾” x ½” – 1⁄2” throw

Door thickness – ¾” minimum for rim type, ¾” minimum for mortise type.

Face – 1 ¼” x ½”

Latchbolt – ¾” x ³⁄₄” – ¾” throw

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

Strike plate – ¾” x ¹⁄₁₆” x 1 ¼”, hole spacing 1 ¾”, 1 ½” wide lip.

T-Option – Key is removable only in locked position. (Deadbolt Only)
5L SERIES — DEADBOLT
Mounting Positions

Rim (Vertical Mounting)

Mortise (Vertical Mounting)

Left-hand (Vertical Mounting)

Inverted

5L SERIES — DEADBOLT
Mounting Positions

Rim (Vertical Mounting)

Mortise (Vertical Mounting)

Left-hand (Vertical Mounting)

Inverted

5L STRIKES
Strike plate specification: \( \frac{3}{64”} \times \frac{11}{16”} \times 1\frac{7}{8”} \); hole spacing 1 \( \frac{3}{16”} \)

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>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>Core</td>
<td>Mounting Housing</td>
<td>Latch Type</td>
<td>Hand</td>
<td>Standard Finish</td>
</tr>
<tr>
<td>5L</td>
<td>7–7 pin housing accepts all Best cores</td>
<td>M–mortise R–rim</td>
<td>D–deadbolt L–latchbolt</td>
<td>2–vertical 5–inverted</td>
<td>606 612 626 (cylinder only)</td>
</tr>
</tbody>
</table>
The 8L7SPR mailbox lock features the convenience of the interchangeable core, allowing quick combination change, and is adaptable to a number of different mailbox manufacturers. The 8L7SPR can be masterkeyed into any existing BEST® system. Variations are available for adaptation purposes.

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

Specifications
- Housing – Steel, zinc plated.
- Cylinder – Machined from solid aluminum.
- Cylinder head diameter – 1 5/32”.
- Latchbolt – 1/8” square with bevel.
- Handing – Right-hand standard – 8LSPR.
- Finish – 627 standard.

Call product support for manufacturer model assistance 800-392-5209.

1E SERIES – SLABBED CABINET MORTISE CYLINDERS

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.

Specifications
- Length – 1ED7D4: 1 15/32” from head to cam.
- 1EE7E4: 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.

Direct motion cam prevents key from being withdrawn in unlocked position. Reversible cam may be assembled for required hand at installation.

270° lost motion cam permits key to be withdrawn when locked or unlocked.

RP Standard Ring Package
The RP standard ring package includes a 1E-R3 (3/16”) and 1E-R5 (3/8”) ring.

RP1 Ring Package
The RP1 ring package for the 1E-76 cylinder includes a 1E-R2 (1/8”) and 1E-R3 (3/16”) ring.

RP2 Ring Package
The RP2 ring package for the 1E-64 cylinder includes a 1E-R2 (1/8”) and 1E-R4 (1/4”) ring.

RP3 Ring Package
The RP3 ring package for the 1E-62, 1E-72 and 1E-74 cylinders includes a 1E-R2 (1/8”) and a 1E-R5 (3/8”)

Note: RPS includes – 1ER2, 1ER4 & 1ERS

<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>1ED – 1 15/32”</td>
<td>7 – 7 pin housing accepts all Best cores</td>
<td>D4 – direct motion</td>
<td>RP – 1/8” and 3/16”</td>
<td>605 606</td>
</tr>
<tr>
<td>1EE – 1 1/4”</td>
<td>E4 – lost motion</td>
<td>E4 – lost motion</td>
<td>RP1 – 1/8” and 3/16”</td>
<td>612 613</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RP2 – 1/8” and 1/4”</td>
<td>625 626</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>RP3 – 1/8&quot;, 1/4&quot; and 1/4&quot;</td>
<td></td>
</tr>
</tbody>
</table>
CABINET LOCKS

Standard 5E Assembly unit includes:
- Keyed ¾” with cam (specify cam length - if length is not specified, the 5EC1 x ¾” will be supplied as standard), hex nut, spacer collar (not supplied unless length is specified), and lock washer.

Application:
- Fits standard ¾” 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: For more information see E series catalog section.

HOW TO ORDER – 5E

<table>
<thead>
<tr>
<th>5E</th>
<th>7</th>
<th>A</th>
<th>1</th>
<th>2C</th>
<th>606</th>
<th>4B</th>
<th>21</th>
<th>12</th>
<th>R</th>
<th>90</th>
<th>626</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series Body</td>
<td>Lock Keyway Code</td>
<td>Combination Code</td>
<td>Cam Motion</td>
<td>Cam Ring Length</td>
<td>Cam Type 1</td>
<td>Cam Type 2</td>
<td>Cam Type 3</td>
<td>Cam Type 4</td>
<td>Cam Type 5</td>
<td>Cam Type 6</td>
<td>Degree of Rotation</td>
</tr>
</tbody>
</table>

- 1–fixed straight
- 2A–fixed offset in
- 2B–fixed offset out
- 3–lost motion
- 4A–lost motion offset in
- 4B–lost motion offset out
- 0–direct throw

- 10–¼”
- 12–½”
- 14–¾”
- 16–1”
- 3–3 o’clock
- 6–6 o’clock
- 9–9 o’clock
- 12–12 o’clock

- R–right
- L–left

- 90–90°
- 180–180°
- 360–360°

- 626–standard
Specifications

Material – All parts are solid brass; phosphor bronze springs.

Dimensions – See illustrations and table below.

Finish – 2P Series 626 (satin chrome) standard finish.

The 2P series finish to match satin chrome. (7 pin only).

To order: Specify proper lock, finish and keying instructions.

The 2P series incorporates the BEST® interchangeable core and requires special cabinet preparation. It may be keyed individually, keyed alike, masterkeyed or grand-masterkeyed with other BEST® lock of any type.

2P SERIES SPECIFICATIONS

<table>
<thead>
<tr>
<th>Dimensions in inches</th>
<th>Vertical Mounting Slot</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>2P73 (7Barrel)</td>
<td>2 3/8&quot;</td>
</tr>
</tbody>
</table>

Horizontal Mounting Slot

<table>
<thead>
<tr>
<th>Dimensions in inches</th>
<th>Horizontal Mounting Slot</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>2P74 (7Barrel)</td>
<td>2 3/8&quot;</td>
</tr>
</tbody>
</table>
2S SERIES PUSH LOCKS FOR SLIDING DOORS

Specifications
Case— extruded brass.
Width— 1 1/2”
Thickness— 23/32”
Inside face plate— 2 1/4” x 1/4”, 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 3/4” 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</th>
<th>Bolt Thickness</th>
<th>Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>7/8” to 1 5/8”</td>
<td>19/32” 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.</td>
</tr>
<tr>
<td>3 x TBM</td>
<td>7/8” to 1 5/8”</td>
<td>19/32” dia.</td>
<td></td>
</tr>
<tr>
<td>4 x TBM</td>
<td>3/4” to 1 5/8”</td>
<td>1/2” dia.</td>
<td></td>
</tr>
<tr>
<td>5 x TBM</td>
<td>3/4” to 1 5/8”</td>
<td>1/2” dia. x 7/16” bolt engagement, 1/16” locking pin</td>
<td></td>
</tr>
</tbody>
</table>

HOW TO ORDER 2S

<table>
<thead>
<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- 7 pin housing</td>
<td>see above</td>
</tr>
</tbody>
</table>

Must specify key mark and number of keys or designate L/C for less core.
**Specifications**

**Strike strap**— stainless steel, \( \frac{1}{2} \)" 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.

### 3S SERIES SLIDING PANEL LOCKS

![3S75](image)

![3S77](image)

![3SS1](image)

![3SS2](image)

![3SS5](image)

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Strike strap</th>
<th>Length</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>3SS1</td>
<td>4 ( \frac{1}{4} )&quot;</td>
<td>( \frac{1}{4} )&quot;</td>
</tr>
<tr>
<td>3SS2</td>
<td>6 ( \frac{1}{4} )&quot;</td>
<td>( \frac{3}{16} )&quot;</td>
</tr>
<tr>
<td>3SS3</td>
<td>6 ( \frac{1}{4} )&quot;</td>
<td>( \frac{1}{4} )&quot;</td>
</tr>
<tr>
<td>3SS4</td>
<td>6 ( \frac{1}{4} )&quot;</td>
<td>( \frac{13}{32} )&quot;</td>
</tr>
<tr>
<td>3SS5</td>
<td>6 ( \frac{1}{4} )&quot;</td>
<td>( \frac{3}{8} )&quot;</td>
</tr>
</tbody>
</table>

**HOW TO ORDER – 3S**

<table>
<thead>
<tr>
<th>Series</th>
<th>Core</th>
<th>Mounting Housing</th>
<th>Latch Type</th>
<th>Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>3S</td>
<td>7</td>
<td>5</td>
<td>S2</td>
<td>627</td>
</tr>
<tr>
<td>3S– sliding panel lock</td>
<td>7– 7 pin housing accepts all Best cores</td>
<td>5– straight lock housing 7– captured panel lock 8– housing with 1&quot; extension</td>
<td>S1– 4 ( \frac{1}{4} )&quot; x ( \frac{1}{4} )&quot; S2– standard unless otherwise specified S3– 6 ( \frac{1}{4} )&quot; x ( \frac{3}{8} )&quot; S4– 6 ( \frac{1}{4} )&quot; x ( \frac{1}{4} )&quot; S5– 6 ( \frac{1}{4} )&quot; x ( \frac{1}{4} )&quot;</td>
<td>627– standard</td>
</tr>
</tbody>
</table>
SERVICE EQUIPMENT

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

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

5E slide caps:
5ECP6– 6 pin
5ECP7– 7 pin

5E Cylinder:
5ED261 Capping Block
5ED262 Cap Depressor

Service Equipment for 5E Cylinders (single shearline)
Best single shearline locks may be combined to Grand Master, Master and/or any operating combinations in your BEST system. Utilizes the AD433 Key Combinator.
See (D Series) Service Equipment Catalog 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.
BEST® CORMAX™ is the premier patented keying system offered by Stanley Security Solutions. CORMAX will meet your needs for security, key control, and convenience. A simple solution with no compromising allowed.

CORMAX is the upgrade path for existing BEST Standard, Premium, and MX8 customers; and it is an essential element of non-residential access control as security administrators strive to eliminate the unauthorized duplication of keys.

CORMAX offers the following features and benefits:
- A long-term US utility patent that guarantees the extended useful life of the system through 2027.
- A second, independent locking mechanism that utilizes a patented set of built-in side pins to provide higher security.
- Several levels of geographical exclusivity, including national exclusivity, are available via the patented side pin feature.
- CORMAX cores and keys are available exclusively through Stanley sales offices. Key blanks are only sold to individuals authorized by the customer to ensure key blanks do not end up in the possession of unauthorized personnel either inside or outside the customer’s facility.
- CORMAX cores are certified to meet the security, safety, and reliability requirements of BHMA A156.5 Grade 1.
- Picking and drilling resistance options are available if higher levels of security are desired.
- Complete factory masterkeying service offered, and at no charge with purchase of BEST locksets and PHI exit devices.
- Keyways are organized in families of four keyways each, with double-milled and quad-milled key levels to facilitate the design of masterkey systems in multi-building campuses.
- BEST CORMAX cores are compatible with all existing BEST interchangeable core housings, eliminating the need for new or modified locksets.
Stanley Security Solutions, a business division of Stanley Black & Decker, is a provider of integrated access control and security solutions for institutional, commercial and industrial businesses and organizations. Stanley Security Solutions delivers a comprehensive suite of security products, software and integrated systems with a strong emphasis on service. Stanley Security Solutions is committed to extending its position as a leading comprehensive resource for a broad and extensive array of solutions that span the entire security spectrum.