4600(LN) Series
Grade 2 Cylindrical Locks

An ASSA ABLOY Group brand
introduction

Yale® 4600(LN) cylindrical locks are the ideal choice for a wide variety of commercial applications where consistent quality, ease of use and installation are required at an economical price. The 4600(LN) Series is certified to ANSI/BHMA Grade 2 standards and is UL fire-listed for all functions ensuring reliability and peace of mind.

A.D.A.
The 4600LN series lever designs meets accessibility guidelines of the Americans with Disabilities Act and the requirements of the Uniform Federal Accessibility Standards and ANSI A117.1, all requiring ease of accessibility for the handicapped.

ANSI/BHMA
Certified ANSI/BHMA A156.2, Series 4000 Grade 2.

backset
The 4600(LN) series cylindrical locksets are available with a 2-3/4" (70mm) standard or 2-3/8" (60mm) optional backset.

door thickness
Adjustable for doors 1-3/8" (35mm) to 1-3/4" (44mm).

fire listings
4600(LN) series locksets are UL - cUL listed for use on fire doors having a rating up to and including 3 hours.

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

finishes

<table>
<thead>
<tr>
<th>ANSI/BHMA Code</th>
<th>Finish Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>605</td>
<td>Bright Brass, Clear Coated (Lever and Knob)</td>
</tr>
<tr>
<td>606*</td>
<td>Satin Brass, Clear Coated (Lever and Knob)</td>
</tr>
<tr>
<td>612</td>
<td>Satin Bronze, Clear Coated (Lever and Knob)</td>
</tr>
<tr>
<td>613E</td>
<td>Dark Oxidized Satin Bronze - equivalent (Lever and Knob)</td>
</tr>
<tr>
<td>625</td>
<td>Bright Chrome Plated (Lever Only)</td>
</tr>
<tr>
<td>626*</td>
<td>Satin Chrome Plated (Lever Only)</td>
</tr>
<tr>
<td>629</td>
<td>Bright Stainless Steel (Knob Only)</td>
</tr>
<tr>
<td>630</td>
<td>Satin Stainless Steel (Knob Only)</td>
</tr>
</tbody>
</table>

*Cylinders provided in these finishes only.

through-bolts
4600LN cylindrical lever locks are supplied with optional through-bolts. Installation of through-bolts is at the discretion of the installer.

warranty
The 4600(LN) series cylindrical locks carry a three-year mechanical warranty.

windstorm
4600LN Certified (refer to local codes).
trim designs

levers

Augusta AU
Lever: Cast Zinc
Rose: Wrought Brass

Monroe MO
Lever: Cast Zinc
Rose: Wrought Brass

Pacific Beach PB
Lever: Cast Zinc
Rose: Wrought Brass

Note: Except for 626 finish, extended lead times apply for Monroe (MO) lever handle. Contact Customer Service for more information.

knob

Carolina CA
Knob: Stainless Steel or Wrought Brass
Rose: Stainless Steel or Wrought Brass

All levers and knob available with small format interchangeable core. See page 5-6 for details.
Dimensions shown are in inches/mm.
## 4600(LN) series | grade 2 cylindrical locks

### Functions

<table>
<thead>
<tr>
<th>4601LN (F75)</th>
<th>4601 (F75)</th>
<th>4602LN (F76A)</th>
<th>4602 (F76A)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Image" /></td>
<td><img src="image2.png" alt="Image" /></td>
<td><img src="image3.png" alt="Image" /></td>
<td><img src="image4.png" alt="Image" /></td>
</tr>
</tbody>
</table>

#### Passage or Closet Latch
- For doors that do not require locking.
- Either lever/knob operates latchbolt at all times.

#### Privacy, Bedroom or Bath Lock
- For lavatory or other privacy doors.
- Either lever/knob operates latchbolt unless outside lever/knob is locked by pushbutton inside.
- Button automatically releases when inside lever/knob is turned or door is closed.
- Emergency release in outside lever.
- Inside lever/knob always active.

<table>
<thead>
<tr>
<th>4604LN (F82A)</th>
<th>4605LN (F86)</th>
<th>4605 (F86)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image5.png" alt="Image" /></td>
<td><img src="image6.png" alt="Image" /></td>
<td><img src="image7.png" alt="Image" /></td>
</tr>
</tbody>
</table>

#### Entry Lock
- For entrance or office doors.
- Deadlocking latchbolt.
- Either lever/knob operates latchbolt (except when outside lever is locked from inside).*
- Pushing button in inside lever locks outside lever. (Automatically releases when inside lever is turned or key is rotated in locked outside lever.)
- Latchbolt is operated by key in outside lever or by rotating inside lever.
- Inside lever always active.

<table>
<thead>
<tr>
<th>4607LN (F109)</th>
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<th>4608LN (F84)</th>
<th>4608 (F84)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image8.png" alt="Image" /></td>
<td><img src="image9.png" alt="Image" /></td>
<td><img src="image10.png" alt="Image" /></td>
<td><img src="image11.png" alt="Image" /></td>
</tr>
</tbody>
</table>

#### Storeroom or Closet Lock
- For use on storeroom, utility, exit doors.
- Deadlocking latchbolt.
- Latchbolt operated by lever/knob inside, key in outside lever/knob.
- Outside lever/knob always rigid.
- Inside lever/knob always active.

#### Classroom Lock
- For classroom or utility room doors.
- Deadlocking latchbolt.
- Either lever/knob operates latchbolt (except when outside lever is locked by key).
- Inside lever/knob always active.
- Key releases outside lever/knob.
functions

<table>
<thead>
<tr>
<th>4628LN (F111)</th>
<th>4655LN</th>
<th>4655</th>
</tr>
</thead>
</table>

**Communicating Passage Lock**
- For twin communicating or exit doors where one side operation is required.
- Also when space is limited between door and switch panel.
- Deadlocking latchbolt.
- One lever operation.
- Blank rose.
- Should be used only where rooms have more than one entrance.

**Single Dummy Trim**
- For non-operational levers used for decorative trim
- Rigid lever/knob.

cylinders/keying

<table>
<thead>
<tr>
<th>Illustration</th>
<th>Type</th>
<th>Model Number</th>
<th>Number of Pins</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Key-in-Knob Cylinder</td>
<td>1805</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Key-in-Lever Cylinder</td>
<td>1806</td>
<td>6</td>
</tr>
</tbody>
</table>

**Keying:**
All cylinders furnished standard 6-pin, keyed random in Yale® PARA keyway, pinned to Yale .019" specification. Each cylinder furnished with two nickel silver keys. Optional Yale keyways available upon request, extended lead times may apply.

**Options:**
Cylinders available 0-bitted, keyed alike, master keyed or construction master keyed upon request.

levers/knobs accepting small format interchangeable cores

<table>
<thead>
<tr>
<th>Cylinder Type</th>
<th>Prefix</th>
<th>Ordering Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>SFIC (Accepts all Small Format Interchangeable Cores)</td>
<td>B (i.e. B-AU, B-MO, B-PB, B-CA)</td>
<td>B-PB-4607LN x 626</td>
</tr>
</tbody>
</table>

Knob not shown.
4600(LN) series | grade 2 cylindrical locks

other manufacturers keyway cylinders/cores

<table>
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<th>Number of Pins</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Keyway Core" /></td>
<td>Best® Keyway Core. Available keyed random, master keyed or uncombinated. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M.</td>
<td>A600</td>
<td>6 or 7 (Specify)</td>
</tr>
<tr>
<td><img src="image" alt="Keyway Cylinder" /></td>
<td>Schlage® C Keyway Knob Cylinder. Available 0-bitted or keyed random.</td>
<td>2805 x C</td>
<td>6</td>
</tr>
<tr>
<td><img src="image" alt="Keyway Cylinder" /></td>
<td>Schlage® C Keyway Lever Cylinder. Available 0-bitted or keyed random.</td>
<td>2806 x C</td>
<td>6</td>
</tr>
<tr>
<td><img src="image" alt="Keyway Cylinder" /></td>
<td>Corbin Russwin L4 Keyway Cylinder. Available keyed random.</td>
<td>3806 x L4</td>
<td>6</td>
</tr>
<tr>
<td><img src="image" alt="Keyway Cylinder" /></td>
<td>Corbin 60 Keyway Cylinder. Available keyed random.</td>
<td>3806 x 60</td>
<td>6</td>
</tr>
<tr>
<td><img src="image" alt="Keyway Cylinder" /></td>
<td>Russwin D1 Keyway Cylinder. Available keyed random.</td>
<td>3806 x D1</td>
<td>6</td>
</tr>
<tr>
<td><img src="image" alt="Keyway Cylinder" /></td>
<td>Sargent® LA Keyway Cylinder. Available keyed random.</td>
<td>3806 x LA</td>
<td>6</td>
</tr>
<tr>
<td><img src="image" alt="Keyway Cylinder" /></td>
<td>Schlage® E Keyway Cylinder. Available keyed random.</td>
<td>3806 x E</td>
<td>6</td>
</tr>
</tbody>
</table>

Note: 2805, 2806 and 3806 cylinders are supplied with applicable tailpieces that are needed to operate 4600(LN) locksets. These cylinders are not ANSI/BHMA certified.

latchbolts

plain latchbolts

Model No. MCP234 supplied standard with all 4600(LN) series locksets without locking function. Model No. MCP234 latchbolt has a 2-1/4" x 1-1/8" front with a 2-3/4" backset and a 1/2" bolt throw. Optional latchbolts available to special order.

Model No. MCD234 supplied standard with all 4600(LN) series locksets with locking function. Model No. MCD234 latchbolt has a 2-1/4" x 1-1/8" front with a 2-3/4" backset and a 1/2" bolt throw. Optional latchbolts available to special order.

deadlocking latchbolts

Model No. MCD234 supplied standard with all 4600(LN) series locksets with locking function. Model No. MCD234 latchbolt has a 2-1/4" x 1-1/8" front with a 2-3/4" backset and a 1/2" bolt throw. Optional latchbolts available to special order.

Illustration Type Model Number Number of Pins

- Best® Keyway Core. Available keyed random, master keyed or uncombinated. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M. A600 6 or 7 (Specify)
- Schlage® C Keyway Knob Cylinder. Available 0-bitted or keyed random. 2805 x C 6
- Schlage® C Keyway Lever Cylinder. Available 0-bitted or keyed random. 2806 x C 6
- Corbin Russwin L4 Keyway Cylinder. Available keyed random. 3806 x L4 6
- Corbin 60 Keyway Cylinder. Available keyed random. 3806 x 60 6
- Russwin D1 Keyway Cylinder. Available keyed random. 3806 x D1 6
- Sargent® LA Keyway Cylinder. Available keyed random. 3806 x LA 6
- Schlage® E Keyway Cylinder. Available keyed random. 3806 x E 6

Note: Locksets ordered with 2-3/8" backset square or round latchbolts will automatically include the corresponding 70S or 71S full lip strike as standard. Order must specify if alternate strike required.

*1/8" sleeve (P/N 14-0378-9001) supplied with all latchbolts to accommodate 1" preps.*
strokes

Yale® 4600(LN) locks are available with a variety of strike options. All strikes are located on the same vertical and horizontal center lines as the latchbolt. Some strikes are available in a variety of lip lengths to accommodate varying thickness of doors and frames. To determine the proper length of the lip, measure from the center line of the strike to the edge of the jamb, accounting for any interfering trim (i.e. wood molding) and then add 1/4" (6mm) for curved lip. All strikes are reversible. Strikes are fabricated of either brass, bronze or stainless steel, depending on the lockset trim finish. When ordering strikes separately, specify the finish required.

attaching screws

For Model Nos. 371, 70S, and 71S
#8-32 x 3/4" (19mm) Phillips flat head combination wood and machine screws.

For Model No. 497
#12-24 x 1" Phillips flat head combination wood and machine screws.

how to order

<table>
<thead>
<tr>
<th>Design</th>
<th>Function</th>
<th>Hand</th>
<th>Latch</th>
<th>Strike</th>
<th>Cylinder</th>
<th>Door Thickness</th>
<th>Keying</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>See page 3</td>
<td>See pages 4-6</td>
<td>Specify</td>
<td>See page 6</td>
<td>See page 7</td>
<td>See page 5-6</td>
<td>See page 2</td>
<td>See page 5</td>
<td>See page 2</td>
</tr>
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ordering example

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<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>AU</td>
<td>4607LN</td>
<td>RH</td>
<td>MCD234</td>
<td>497</td>
<td>1806</td>
<td>1-3/4&quot;</td>
<td>KR</td>
<td>626</td>
</tr>
</tbody>
</table>
online literature and templates

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- Templates
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- Installation instructions

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