



4600(LN) Series

Grade 2 Cylindrical Locks



4600(LN) series | grade 2 cylindrical locks

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).

installation

Fits ANSI/BHMA A156.115, which covers Hardware Preparation in Steel Doors and Frames and ANSI/BHMA A156.115-W for Wood Doors with Wood or Steel Frames.

latchbolts

2-3/4" (70mm) backset, 1/2" (13mm) throw latchbolt deadlocking or plain supplied standard. See page 6 for optional latchbolts.

through-bolts

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

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.

strikes

ANSI strike 4-7/8" x 1-1/4" x 1-1/4" (124mm x 32mm x 32mm) lip to center supplied standard for lever. T-Strike 2-3/4" x 1-1/8" x 1-1/4" (70mm x 29mm x 32mm) lip to center supplied standard for knob. See page 7 for optional strikes.

warranty

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

contents

Introduction2
 Trim Designs3
 Functions4-5
 Cylinders/Keying5-6
 Latchbolts6
 Strikes7
 How to Order7

handing

Locksets are non-handed and easily field reversible.

finishes

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

*Cylinders provided in these finishes only.

windstorm

4600LN Certified (refer to local codes).

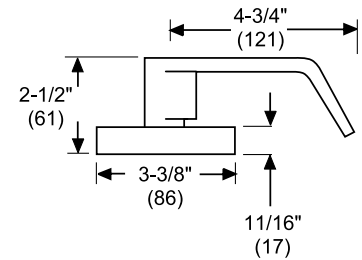


trim designs

levers

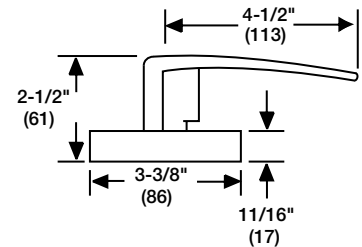
Augusta AU

Lever: Cast Zinc
Rose: Wrought Brass



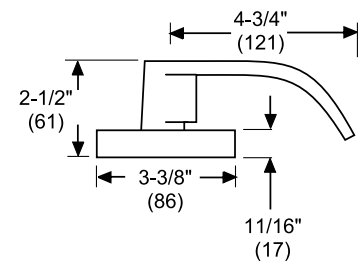
Monroe MO

Lever: Cast Zinc
Rose: Wrought Brass



Pacific Beach PB

Lever: Cast Zinc
Rose: Wrought Brass

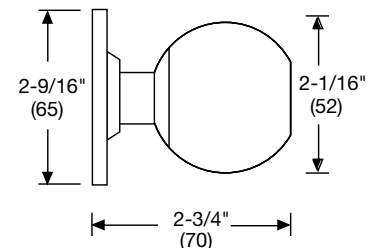


Note: Except for 626 finish, extended lead times apply for Monroe (MO) lever handle. Contact Customer Service for more information.

knob

Carolina CA

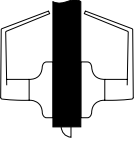
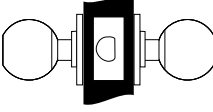
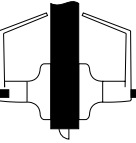
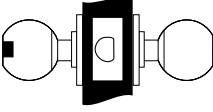
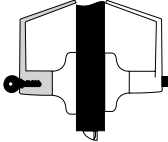
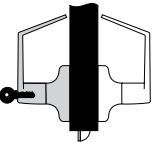
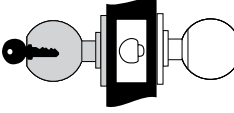
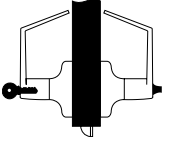
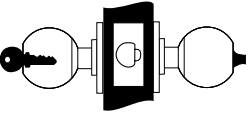
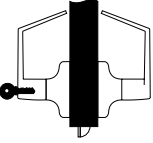
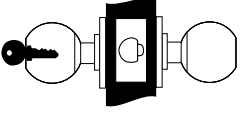
Knob: Stainless Steel or Wrought Brass
Rose: Stainless Steel or Wrought Brass



All levers and knob available with small format interchangeable core. See page 5-6 for details.

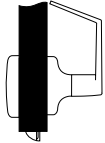
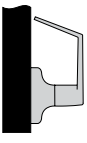
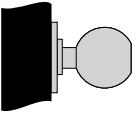
Dimensions shown are in inches/mm.

functions

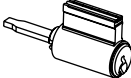
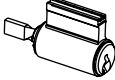
4601LN (F75)	4601 (F75)	4602LN (F76A)	4602 (F76A)
			
<p>Passage or Closet Latch</p> <ul style="list-style-type: none"> For doors that do not require locking. Either lever/knob operates latchbolt at all times. 		<p>Privacy, Bedroom or Bath Lock</p> <ul style="list-style-type: none"> For lavatory or other 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. 	
<p style="text-align: center;">4604LN (F82A)</p>		<p style="text-align: center;">4605LN (F86)</p>	<p style="text-align: center;">4605 (F86)</p>
			
<p>Entry Lock</p> <ul style="list-style-type: none"> For entrance or office doors. Deadlocking latchbolt. Either lever 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. 		<p>Storeroom or Closet Lock</p> <ul style="list-style-type: none"> 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. 	
<p style="text-align: center;">4607LN (F109)</p>	<p style="text-align: center;">4607 (F109)</p>	<p style="text-align: center;">4608LN (F84)</p>	<p style="text-align: center;">4608 (F84)</p>
			
<p>Entry Lock</p> <ul style="list-style-type: none"> For entrance, general home or office doors. Deadlocking latchbolt. Either lever/knob operates latchbolt (except when outside lever/knob is locked from inside). Pushing turn button in inside lever/knob locks outside lever. (Automatically releases when inside lever/knob is turned or key is rotated in locked outside lever/knob.) Outside lever/knob may be retained in locked position by pushing and rotating turn button 90° clockwise to a horizontal position; not released until turn button is manually returned to the vertical position. Latchbolt is operated by key in outside lever/knob or by rotating inside lever/knob. Inside lever/knob always active. 		<p>Classroom Lock</p> <ul style="list-style-type: none"> 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

4628LN (F111)	4655LN	4655
		
<p>Communicating Passage Lock</p> <ul style="list-style-type: none"> • 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. 	<p>Single Dummy Trim</p> <ul style="list-style-type: none"> • For non-operational levers used for decorative trim • Rigid lever/knob. 	

cylinders/keying

Illustration	Type	Model Number	Number of Pins
	Key-in-Knob Cylinder	1805	6
	Key-in-Lever Cylinder	1806	6


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

	<p>Cylinder Type</p> <p>SFIC (Accepts all Small Format Interchangeable Cores) 6- or 7-pin.</p>	<p>Prefix</p> <p>B (i.e. B-AU, B-MO, B-PB, B-CA)</p>	<p>Ordering Example</p> <p>B-PB-4607LN x 626</p>
---	---	---	---

Knob not shown.

other manufacturers keyway cylinders/cores

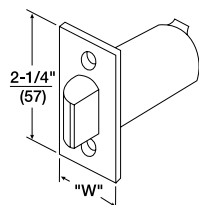
Illustration	Type	Model Number	Number of Pins
	Best® Keyway Core. Available keyed random, master keyed or uncombined. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M.	A600	6 or 7 (Specify)
	Schlage® C Keyway Knob Cylinder. Available 0-bitted or keyed random.	2805 x C	6
	Schlage® C Keyway Lever Cylinder. 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: 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.

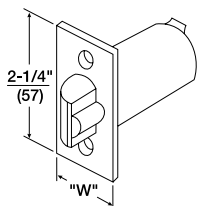


Model Number	Front	Backset	Throw	"W" Front Width	Latch Diameter*
MCP238	Square	2-3/8" (60mm)	1/2" (13mm)	1" (25mm)	7/8" (22mm)
MCP238R	Round	2-3/8" (60mm)	1/2" (13mm)	1" (25mm)	7/8" (22mm)
MCP234	Square	2-3/4" (70mm)	1/2" (13mm)	1-1/8" (29mm)	7/8" (22mm)

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

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.



Model Number	Front	Backset	Throw	"W" Front Width	Latch Diameter*
MCD238	Square	2-3/8" (60mm)	1/2" (13mm)	1" (25mm)	7/8" (22mm)
MCD238R	Round	2-3/8" (60mm)	1/2" (13mm)	1" (25mm)	7/8" (22mm)
MCD234	Square	2-3/4" (70mm)	1/2" (13mm)	1-1/8" (29mm)	7/8" (22mm)

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

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.



4600(LN) series | grade 2 cylindrical locks

strikes

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.

<p>Model No. 371 T-Strike (Standard for Knob - Optional for Lever) 2-3/4" x 1-1/8" x 1-1/4" (70mm x 29mm x 32mm) lip to center supplied standard for knob. 1", 1-1/2", 1-3/4" and 2" curved lip lengths available by special order. Wrought strike box supplied.</p>	<p>Model No. 497 ANSI Strike (Standard for Lever - Optional for Knob) For door and frames with ANSI/BHMA A156.115 preparations. 4-7/8" x 1-1/4" x 1-1/4" (124mm x 32mm x 32mm) lip to center supplied standard for lever. 1-1/8", 1-1/2", and 1-3/4" lip lengths available by special order. Available with optional 202 Strike Box. Specify 497 x 202.</p>	<p>Model No. 70S Full Lip Strike (Optional for Knob or Lever) 2-1/4" x 1-3/4" x 1-1/4" (57mm x 44mm x 32mm) lip to center with full lip anti-rattle tab.</p>	<p>Model No. 71S Full Lip Strike (Optional for Knob or Lever) 1/4" radius. Similar in dimensions and function to the 70S Strike but with radius corners for easy mortising by power tools. Anti-rattle tab.</p>	<p>Model No. 202 Strike Box Available to special order. Specify 497 x 202.</p>

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

Design	Function	Hand	Latch	Strike	Cylinder	Door Thickness	Keying	Finish
See page 3	See pages 4-5	Specify	See page 6	See page 7	See page 5-6	See page 2	See page 5	See page 2

ordering example

Design	Function	Hand	Latch	Strike	Cylinder	Door Thickness	Keying	Finish
AU	4607LN	RH	MCD234	497	1806	1-3/4"	KR	626

online literature and templates

For the latest information on Yale Locks & Hardware products, visit our website at: www.yalelocks.com

Click on the “Product Information” button to find:

- Catalogs
- Parts manuals
- Templates
- Specifications
- Installation instructions

Yale® customers can click on the ebusiness symbol  on the website to register for an ebusiness account to:

- Check the status of orders
- Check availability of QuickShip items
- Track your order and confirm delivery
- Receive email notification of template changes
And More...

Or contact us at:

U.S.A.

Yale Locks & Hardware

Address: 225 Episcopal Road, Berlin, CT 06037-4004

Tel: 1-800-438-1951 • Fax: 1-800-338-0965 • www.yalelocks.com

Canada:

ASSA ABLOY Door Security Solutions Canada

Address: 160 Four Valley Drive, Vaughan, Ontario L4K 4T9

Tel: 1-800-461-3007 • Fax: 1-800-461-8989 • www.assaabloy.ca

International:

ASSA ABLOY Americas International

Tel: 1-905-821-7775 • Fax: 1-905-821-1429 • www.assaabloyai.com

Yale Locks & Hardware is a division of Yale Security Inc., an ASSA ABLOY Group company.

Yale® is a registered trademark of Yale Security Inc., an ASSA ABLOY Group company. Other products' brand names may be trademarks or registered trademarks of their respective owners and are mentioned for reference purposes only. These materials are protected under U.S. copyright laws. All contents current at time of publication. Yale Security Inc. reserves the right to change availability of any item in this catalog, its design, construction, and/or its materials. Copyright © 2010, 2015 Yale Security Inc., an ASSA ABLOY Group company. All rights reserved. Reproduction in whole or in part without the express written permission of the Yale Security Inc., an ASSA ABLOY Group company, is prohibited.

YALE, with its unique global reach and range of products, is the world's favorite lock.

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

42701-8/15RE