



4600(LN) Series

ANSI/BHMA Grade 2 Certified Cylindrical Locks





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4600(LN) Cylindrical Locks

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.

To make your building work better with your budget, Yale Works for YouSM.



Benefits & Features



Benefits

- **Versatile:** Field reversible handing and other product options offer flexibility in many commercial applications
- **Economical:** Priced affordably to suit projects of all budgets
- **Secure:** Quality security from a trusted brand for over 170 years
- **Strong & Reliable:** ANSI/BHMA Grade 2 certified for long life and reliability

Features

- Field reversible handing for easy installation
- Range of functions and options for a wide variety of commercial applications
- Available in five trims and nine finishes
- ADA compliant for ease of accessibility



Specifications

Door Prep	ANSI/BHMA A156.115
Door Thickness	Adjustable for doors 1-3/8" to 1-3/4" (35mm to 44mm)
Backset	2-3/4" (70mm) standard, 2-3/8" (60mm) optional
Handing	Non-handed, field reversible
Latchbolt	2-3/4" (70mm) backset, 1/2" (13mm) throw latchbolt plain or deadlocking. See page 10 for additional options.
Strike	ANSI strike 4-7/8" x 1-1/4" x 1-1/4" (124mm x 32mm x 32mm) lip to center. See page 11 for additional options.
Through-bolts	Optional through-bolts provided. Installation is at the discretion of the installer.
ANSI/BHMA	Certified Grade 2, ANSI/BHMA A156.2, Series 4000
UL/cUL	Listed for 3 hour fire doors
Windstorm	Certified, check local codes.
Warranty:	3 years



How To Order



Design	Function	Hand	Latch	Strike	Cylinder	Door Thickness	Keying	Finish
Levers AU - Augusta MO - Monroe PB - Pacific Beach TB	4601LN - Passage or Closet Latch (Lever) 4601 - Passage or Closet Latch (Knob) 4602LN - Privacy, Bedroom or Bath Lock (Lever) 4602 - Privacy, Bedroom or Bath Lock (Knob) 4604LN - Entry Lock (Lever only) 4605LN - Storeroom or Closet Lock (Lever) 4605 - Storeroom or Closet Lock (Knob) 4607LN - Entry Lock (Lever) 4607 - Entry Lock (Knob) 4608LN - Classroom Lock (Lever) 4608 - Classroom Lock (Knob) 4628LN - Communicating Passage Lock (Lever only) 4655LN - Single Dummy Trim (Lever) 4655 - Single Dummy Trim (Knob)	Specify RH LH	See page 10 for options.	497 strike standard for lever trim; 371 T-strike standard for knob trim. See page 11 for additional options.	1805 (knob) or 1806 (lever) 6-pin cylinder standard; see page 9 for additional options.	Adjustable between 1-3/8" to 1-3/4"; please specify.	KR (keyed random) standard, see page 9 for additional details/ options.	605 - Bright Brass, Clear Coated 606 - Satin Brass, Clear Coated 612 - Satin Bronze, Clear Coated 613E - Dark Oxidized Satin Bronze - equivalent 625 - Bright Chrome Plated 626 - Satin Chrome Plated 629 - Bright Stainless Steel 630 - Satin Stainless Steel BSP - Black Suede Powder Coat Not all finishes available for all trims, see page 5 for details.
Knob CA - Carolina								

Ordering Example

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



Finishes



ANSI/BHMA Code Finish Description		
605 Bright Brass, Clear Coated	606 Satin Brass, Clear Coated	612 Satin Bronze, Clear Coated
613E Dark Oxidized Satin Bronze - equivalent	625¹ Bright Chrome Plated	626¹ Satin Chrome Plated
629² Bright Stainless Steel	630² Satin Stainless Steel	BSP¹ Black Suede Powder Coat

1. Finish available for lever trim only.

2. Finish available for knob trim only.



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4600(LN) Series Grade 2 Cylindrical Locks

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Trim Designs

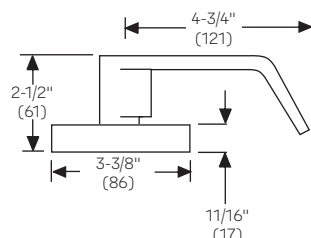


Levers

Augusta AU

Lever: Cast Zinc

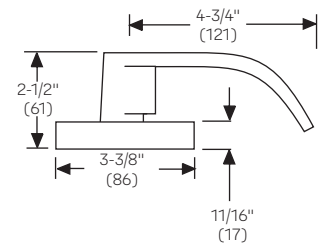
Rose: Wrought Brass



Pacific Beach PB

Lever: Cast Zinc

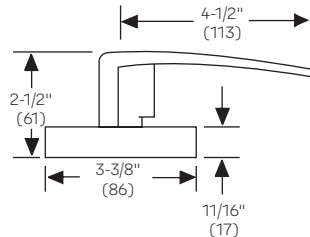
Rose: Wrought Brass



Monroe MO

Lever: Cast Zinc

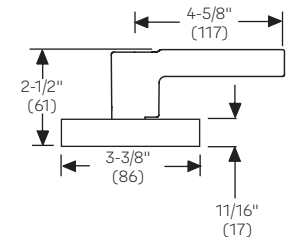
Rose: Wrought Brass



TB

Lever: Cast Zinc

Rose: Wrought Brass



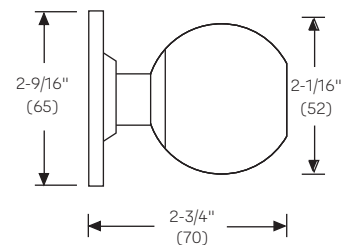
Note: Except for 626 finish, extended lead times apply for Monroe (MO) lever handle. Contact Customer Service for more information.

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 9 for details.

Dimensions shown are in inches/mm.

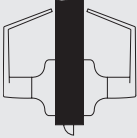
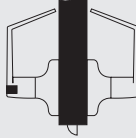
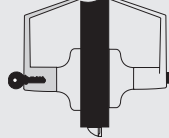
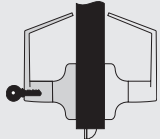
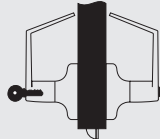
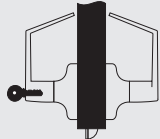


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Functions



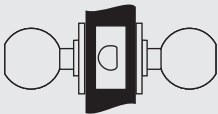
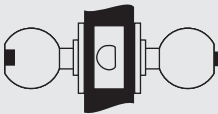
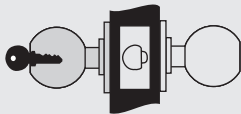
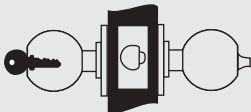
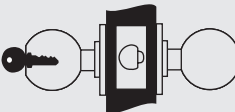
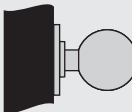
Levers

4601LN (F75)  Passage or Closet Latch - For doors that do not require locking. - Either lever operates latchbolt at all times.	4602LN (F76A)  Privacy, Bedroom or Bath Lock - For lavatory or other privacy doors. - Either lever operates latchbolt unless outside lever is locked by pushbutton inside. - Button automatically releases when inside lever is turned or door is closed. - Emergency release in outside lever. - Inside lever always active.	4604LN (F82A)  Entry Lock - 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.
4605LN (F86)  Storeroom or Closet Lock - For use on storeroom, utility, exit doors. - Deadlocking latchbolt. - Latchbolt operated by lever inside, key in outside lever. - Outside lever always rigid. - Inside lever always active.	4607LN (F109)  Entry Lock - For entrance, general home or office doors. - Deadlocking latchbolt. - Either lever operates latchbolt (except when outside lever is locked from inside). - Pushing turn button in inside lever locks outside lever. (Automatically releases when inside lever is turned or key is rotated in locked outside lever.) - Outside lever 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 or by rotating inside lever. - Inside lever always active.	4608LN (F84)  Classroom Lock - For classroom or utility room doors. - Deadlocking latchbolt. - Either lever operates latchbolt (except when outside lever is locked by key). - Inside lever always active. - Key releases outside lever.
4628LN (F111)  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.	4655LN  Single Dummy Trim - For non-operational levers used for decorative trim. - Rigid lever.	





Knobs

4601 (F75)	4602 (F76A)	4605 (F86)
 Passage or Closet Latch • For doors that do not require locking. • Either knob operates latchbolt at all times.	 Privacy, Bedroom or Bath Lock • For lavatory or other privacy doors. • Either knob operates latchbolt unless outside knob is locked by pushbutton inside. • Button automatically releases when inside knob is turned or door is closed. • Emergency release in outside knob. • Inside knob always active.	 Storeroom or Closet Lock • For use on storeroom, utility, exit doors. • Deadlocking latchbolt. • Latchbolt operated by knob inside, key in outside knob. • Outside knob always rigid. • Inside knob always active.
4607 (F109)	4608 (F84)	4655
 Entry Lock • For entrance, general home or office doors. • Deadlocking latchbolt. • Either knob operates latchbolt (except when outside knob is locked from inside). • Pushing turn button in inside knob locks outside knob. (Automatically releases when inside knob is turned or key is rotated in locked outside knob.) • Outside 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 knob or by rotating inside knob. • Inside knob always active.	 Classroom Lock • For classroom or utility room doors. • Deadlocking latchbolt. • Either knob operates latchbolt (except when outside knob is locked by key). • Inside knob always active. • Key releases outside knob.	 Single Dummy Trim • For non-operational levers used for decorative trim. • Rigid knob.



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Cylinders/Keying



Illustration	Type	Model Number	Number of Pins
	Key-in-Knob Cylinder	1805 (Knob)	6
	Key-in-Lever Cylinder	1806 (Lever)	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. Cylinders provided in 605 and 626 finishes only.

Levers/Knobs Accepting Small Format Interchangeable Cores

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

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.



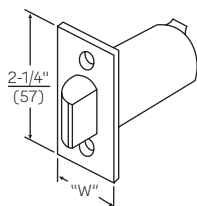
4600(LN) Series Grade 2 Cylindrical Locks

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.

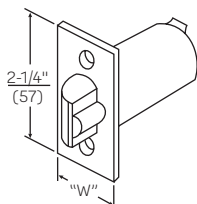


Model Number	Front	Backset	Throw	"W" Front Width	Latch Diameter*
MCP238	Square	2-3/8" (60mm)	1/2" (13mm)	1" (25mm)	7/8" (22mm)
MCP238R	Round	2-3/8" (60mm)	1/2" (13mm)	1" (25mm)	7/8" (22mm)
MCP234	Square	2-3/4" (70mm)	1/2" (13mm)	1-1/8" (29mm)	7/8" (22mm)

*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)

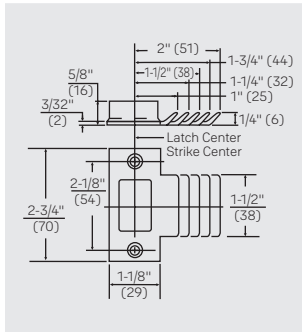
*1/8" sleeve (P/N 14-0378-9001) supplied with all latchbolts to accommodate 1" preps.

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.

Strikes

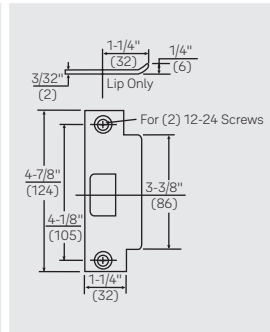


Yale® 4600(LN) locks are available with a variety of strike options. All strikes are located on the same vertical and horizontal center lines as the latchbolt. Some strikes are available in a variety of lip lengths to accommodate varying thickness of doors and frames. To determine the proper length of 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.



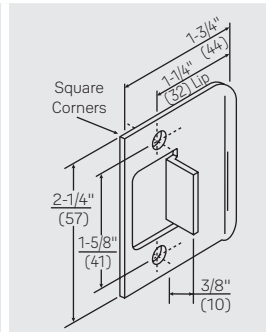
Model No. 371 T-Strike (Standard for Knob - Optional for Lever)

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.



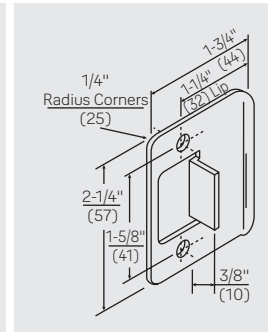
Model No. 497 ANSI Strike (Standard for Lever - Optional for Knob)

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.



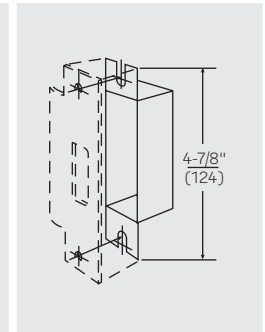
Model No. 70S Full Lip Strike (Optional for Knob or Lever)

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.



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.



Model No. 202 Strike Box

Available to special order. Specify 497 x 202.

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" (25mm) Phillips flat head combination wood and machine screws.





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Phone

1-855-557-5078

Customer Service Email

customerservice.yale@assaabloy.com

Technical Product Support Email

techsupport.yale@assaabloy.com

Order Entry Email

orders.yaleus@assaabloy.com

Fax

1-800-338-0965

Website

www.yalecommercial.com

Contact Us

U.S.A.

Yale Locks & Hardware

Address: 225 Episcopal Road

Berlin, CT 06037-4004

Tel: 1-800-438-1951

Fax: 1-800-338-0965

yalecommercial.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

assaabloydss.ca

International:

ASSA ABLOY Americas International

Tel: 1-905-821-7775

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