

4600LN SERIES

ANSI/BHMA Grade 2 Certified
Cylindrical Locks



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4600LN Cylindrical Locks

ASSA ABLOY ACCENTRA® 4600LN 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 4600LN Series is certified to ANSI/BHMA Grade 2 standards and is UL fire-listed for all functions, ensuring reliability and peace of mind.

WARNING

This product can expose you to lead which is known to the state of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65warnings.ca.gov.

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
- **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 six finishes
- ADA compliant for ease of accessibility



Specifications

Door Prep	ANSI/SDI A250.14
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 9 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 10 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 (refer to local codes)
Warranty:	3 years



Hurricane



HOW TO ORDER

Design	Function	Hand	Latch	Strike	Cylinder	Door Thickness	Keying	Finish
AU - Augusta MO - Monroe PB - Pacific Beach TB UB	4601LN - Passage or Closet Latch 4602LN - Privacy, Bedroom or Bath Lock 4604LN - Entry Lock 4605LN - Storeroom or Closet Lock 4607LN - Entry Lock 4608LN - Classroom Lock 4628LN - Communicating Passage Lock 4655LN - Single Dummy Trim	Specify RH LH	See page 9 for options.	497 strike standard See page 10 for additional options.	1806 6-pin cylinder standard; see page 8 for additional options.	Adjustable between 1-3/8" to 1-3/4"; factory preset for 1-3/4"	KR (keyed random) standard, see page 8 for additional details/ options.	605 - Bright Brass, Clear Coated 606 - Satin Brass, Clear Coated 613E - Dark Oxidized Satin Bronze - equivalent 625 - Bright Chrome Plated 626 - Satin Chrome Plated BSP - Black Suede Powder Coat

Ordering Example

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

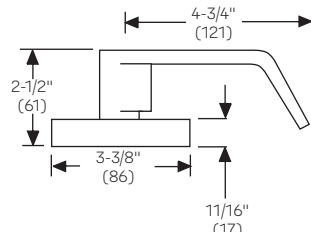
FINISHES

ANSI/BHMA Code Finish Description		
<p>605 Bright Brass, Clear Coated</p> 	<p>606 Satin Brass, Clear Coated</p> 	<p>613E Dark Oxidized Satin Bronze - equivalent</p> 
<p>625 Bright Chrome Plated</p> 	<p>626 Satin Chrome Plated</p> 	<p>BSP Black Suede Powder Coat</p> 

TRIM DESIGNS

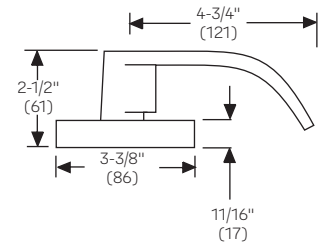
Augusta AU

Lever: Cast Zinc
Rose: Wrought Brass



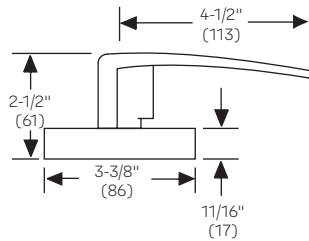
Pacific Beach PB

Lever: Cast Zinc
Rose: Wrought Brass



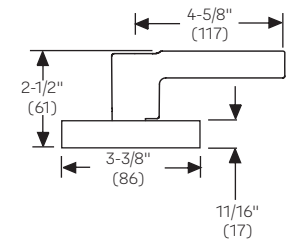
Monroe MO

Lever: Cast Zinc
Rose: Wrought Brass



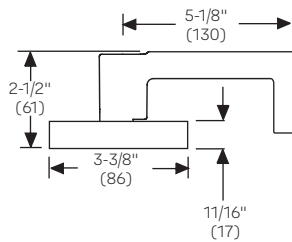
TB

Lever: Cast Zinc
Rose: Wrought Brass



UB

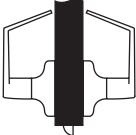
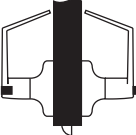
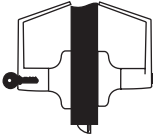
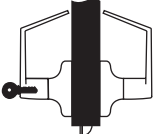
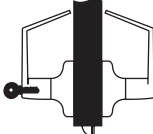
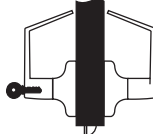
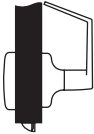

Lever: Cast Zinc
Rose: Wrought Brass



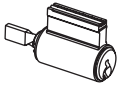
All levers available with small format interchangeable core. See page 8 for details.

Dimensions shown are in inches/mm.

FUNCTIONS

4601LN (F75)	4602LN (F76A)	4604LN (F82A)
 <p>Passage or Closet Latch</p> <ul style="list-style-type: none"> • For doors that do not require locking. • Either lever 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 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. 	 <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.
4605LN (F86)	4607LN (F109)	4608LN (F84)
 <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 inside, key in outside lever. • Outside lever always rigid. • Inside lever always active. 	 <p>Entry Lock</p> <ul style="list-style-type: none"> • 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. 	 <p>Classroom Lock</p> <ul style="list-style-type: none"> • 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)	4655LN	
 <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. 	

CYLINDERS/KEYING

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

Large format interchangeable core not available.


Keying:

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


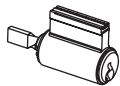
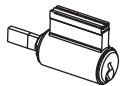
Options:

Cylinders available 0-bitted, keyed alike, master keyed or construction master keyed upon request. Cylinders provided in 605, 626 and BSP finishes only.

Levers 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-UB)	B-PB-4607LN x 626

Other Manufacturers Keyway Cylinders/Cores

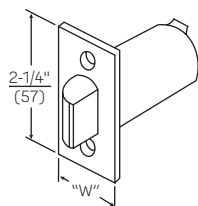
	Type	Model Number	Number of Pins
	Best® Keyway Core. Available keyed random, master keyed or uncombined. Specify keyway A, B, C, D, E, F, G, H, J, K, L or M.	A600	6 or 7 (Specify)
	Schlage® C Keyway Cylinder. Available 0-bitted or keyed random.	2806 x C	6
	Corbin Russwin L4 Keyway Cylinder. Available 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: 2806 and 3806 cylinders are supplied with applicable tailpieces that are needed to operate 4600LN locksets. These cylinders are not ANSI/BHMA certified. Small format cores and cylinders with other manufacturer keyways are supplied in 605 or 626 finish only.

LATCHBOLTS

Plain Latchbolts

Model No. MCP234 supplied standard with all 4600LN 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.

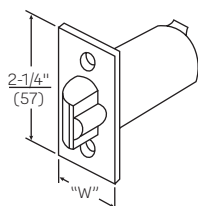


Model Number	Front	Backset	Throw	"W" Front Width	Latch Diameter*
MCP238	Square	2-3/8" (60mm)	1/2" (13mm)	1" (25mm)	7/8" (22mm)
MCP238R	Round	2-3/8" (60mm)	1/2" (13mm)	1" (25mm)	7/8" (22mm)
MCP234	Square	2-3/4" (70mm)	1/2" (13mm)	1-1/8" (29mm)	7/8" (22mm)

*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 4600LN 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

ACCENTRA 4600LN 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. 497 ANSI Strike (Standard) 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. 371 T-Strike (Optional) 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. 70S Full Lip Strike (Optional) 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) 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" (25mm) Phillips flat head combination wood and machine screws.

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