5300 Series
Grade 2 Cylindrical Knob Locks
Yale® 5300 series standard-duty cylindrical locksets offer a unique combination of positive security, trim design variety and quality construction. They are designed for residential and various commercial applications and are the choice of engineers worldwide.

The 5300 series key-in-knob locksets provide Yale pin-tumbler cylinder security, and are available in a wide choice of keying options: keyed different, keyed alike, construction keying and master-keying. Yale 5300 series locksets are also available in a variety of functions, trim designs and finishes. A selection can easily be made to meet the intention of most any designer or engineering/security specialist.

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

door thickness
Adjustable for doors 1-3/8" to 1-3/4". They can also be supplied for doors over 1-3/4" to 2-1/4", by using special roses and mounting plate.

hanging
Locksets are shipped for right-hand applications, but are field reversible for installation on doors of either hand.

strikes
1-1/4" (32mm) curved lip ANSI 497 supplied standard. Optional 1" (25mm), 1-1/2" (38mm), 1-3/4" (44mm) and 2" (51mm) curved lips with wrought boxes available to order. See strikes page 8.

latchbolts
Standard 1/2" throw, deadlocking or plain. All latchbolts are interchangeable. See latchbolts, page 7.

installation
5300 series cylindrical locks conform to ANSI/BHMA Specifications A156.115 which cover hardware preparations for steel doors and steel frames and A156.115-W which cover hardware preparations for wood doors with wood or steel frames.

deadlocking guardbolt
When the latchbolt is engaged in the strike, the guardbolt is depressed and automatically locks the latchbolt in the extended position. The deadlocking guardbolt is furnished standard with all keyed functions.

backset
Standard 2-3/4", 2-3/8" or 3-3/4". Special order extension links for 5", 6", 7", 10" and 18" are also available. See latchbolts page 7.

fire listings
All functions are UL - cUL Fire 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.

latchcase
2-1/16" diameter. All functions furnished in one standard size lock case.

lockcase
2-1/16" diameter. All functions furnished in one standard size lock case.

warranty
The 5300 series cylindrical knob lock carries a two-year warranty.

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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</td>
</tr>
<tr>
<td>606</td>
<td>Satin Brass, Clear Coated</td>
</tr>
<tr>
<td>612</td>
<td>Satin Bronze, Clear Coated</td>
</tr>
<tr>
<td>613</td>
<td>Dark Oxidized Satin Bronze, Oil Rubbed</td>
</tr>
<tr>
<td>625</td>
<td>Bright Chrome Plated</td>
</tr>
<tr>
<td>626</td>
<td>Satin Chrome Plated</td>
</tr>
<tr>
<td>722</td>
<td>Black Oxidized Bronze, Oil Rubbed</td>
</tr>
</tbody>
</table>

1. New May 1, 2010
2. Formerly 613 prior to May 1, 2010

quality construction
Lock mechanism is made of heavy-gauge cold rolled steel. All parts are zinc-plated and dichromated to ensure maximum resistance to corrosion. These are recommended for application in normal climatic and environmental conditions.

Hurrycane
Certified (refer to local codes).
# 5300 Series | Cylindrical Knob Locks

## Knob Designs

### Carolina CA

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knob</td>
<td>Cold forged</td>
</tr>
<tr>
<td>Rose</td>
<td>Cold forged</td>
</tr>
<tr>
<td>Material</td>
<td>Brass, Bronze</td>
</tr>
</tbody>
</table>

### Litchfield LF

<table>
<thead>
<tr>
<th>Component</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Knob</td>
<td>Cold forged</td>
</tr>
<tr>
<td>Rose</td>
<td>Cold forged</td>
</tr>
<tr>
<td>Material</td>
<td>Brass, Bronze, Stainless Steel</td>
</tr>
</tbody>
</table>

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Page revised electronically 7/10
functions

<table>
<thead>
<tr>
<th>5301 (F75)</th>
<th>5302 (F76B)</th>
<th>5305 (F86)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Passage or Closet Latch</strong></td>
<td><strong>Privacy, Bedroom or Bath Lock</strong></td>
<td><strong>Storeroom or Closet Lock</strong></td>
</tr>
<tr>
<td>• For doors that do not require locking.</td>
<td>• For lavatory or other privacy doors.</td>
<td>• For use on storeroom, utility, exit doors.</td>
</tr>
<tr>
<td>• Either knob operates latchbolt at all times.</td>
<td>• Either knob operates latchbolt unless outside knob is locked by push-button inside.</td>
<td>• Deadlocking latchbolt.</td>
</tr>
<tr>
<td></td>
<td>• Button automatically released when inside knob is turned or door is closed.</td>
<td>• Latchbolt operated by knob inside, key in outside knob.</td>
</tr>
<tr>
<td></td>
<td>• Emergency key inserted and turned in hole in outside knob will unlock door from outside. (Emergency key furnished with lock.)</td>
<td>• Outside knob always rigid.</td>
</tr>
<tr>
<td></td>
<td>• Inside knob always active.</td>
<td>• Inside knob always active.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5306 (F92)</th>
<th>5307 (F109)</th>
<th>5308 (F84)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Service Station Lock</strong></td>
<td><strong>Entry Lock</strong></td>
<td><strong>Classroom Lock</strong></td>
</tr>
<tr>
<td>• Deadlocking latchbolt.</td>
<td>• For entrance, general home or office doors.</td>
<td>• For classroom or utility room doors.</td>
</tr>
<tr>
<td>• Either knob operates latchbolt.</td>
<td>• Deadlocking latchbolt.</td>
<td>• Deadlocking latchbolt.</td>
</tr>
<tr>
<td>• Push-button locks outside knob.</td>
<td>• Either knob operates latchbolt (except when outside knob is locked from inside).</td>
<td>• Either knob operates latchbolt (except when outside knob is locked by key).</td>
</tr>
<tr>
<td>• Push-button automatically releases when inside knob is turned, door is closed, or key is rotated in outside knob (except when slotted push-button is rotated 90° clockwise to retain outside knob in lock position).</td>
<td>• Pushing turn button in inside knob locks outside knob. (Automatically releases when inside knob is turned or key is rotated in locked outside knob.)</td>
<td>• Inside knob is always active.</td>
</tr>
<tr>
<td>• Lock opened by key in outside knob</td>
<td>• 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.</td>
<td>• Key releases outside knob.</td>
</tr>
<tr>
<td>• Inside knob always active.</td>
<td>• Latchbolt is operated by key in outside knob or by rotating inside knob.</td>
<td>• Inside knob always active.</td>
</tr>
</tbody>
</table>
### Functions

<table>
<thead>
<tr>
<th>5322 (F90)</th>
<th>5328 (F111)</th>
<th>355</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Corridor Lock</strong>&lt;br&gt;• Deadlocking latchbolt.&lt;br&gt;• Either knob operates latchbolt (except when outside knob is locked by inside push-button or key in outside knob). Inside knob always active.&lt;br&gt;• When locked by button, the button automatically releases when inside knob is turned or door is closed.&lt;br&gt;• When locked by key, the automatic release is made inoperative and must be manually unlocked by key.</td>
<td><strong>Communicating Passage</strong>&lt;br&gt;• For twin communicating or exit door where one-side operation is required.&lt;br&gt;• Also when space is limited between door and switch panel.&lt;br&gt;• Deadlocking latchbolt.&lt;br&gt;• One knob operation.&lt;br&gt;• Blank rose.&lt;br&gt;• Should be used where rooms have more than one entrance.</td>
<td><strong>Dummy Trim</strong>&lt;br&gt;• For non-operational knobs used for decorative trim.</td>
</tr>
</tbody>
</table>

![Diagram](image-url)
cylinders

cylinder options

The following selection guide indicates the correct cylinder for each locking segment.

<table>
<thead>
<tr>
<th>Cylinder Types</th>
<th>Conventional</th>
<th>Protected Keyway</th>
<th>Security</th>
<th>High Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed Core</td>
<td>6-pin</td>
<td>6-pin</td>
<td>6-pin</td>
<td>6-pin</td>
</tr>
<tr>
<td>Key-In-Knob</td>
<td>1801</td>
<td>N/A</td>
<td>K400</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>5801</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Refer to Yale® KeyMark® and/or Cylinders and Keys Catalog sections for all details and how to order examples.

Yale® KeyMark®

For those applications requiring protected key control, Yale® KeyMark® cylinders guard against unauthorized key duplication. The Yale KeyMark Security Leg® keyway feature increases resistance against picking and impressioning and can easily retrofit into existing systems. For further details and availability, refer to the separate Yale KeyMark catalog.

security cylinders

Security cylinders contain two independent locking mechanisms. The first is a traditional 6-pin tumbler mechanism with spool drivers for greatly increased picking resistance.

The second is an innovative 5-tumbler rotating disc mechanism with sidebar engagement. The rotating discs are spring loaded and block the bottom of the keyway.

other manufacturer keyway cylinders

<table>
<thead>
<tr>
<th>Description</th>
<th>Model Number</th>
<th>Number of Pins</th>
</tr>
</thead>
<tbody>
<tr>
<td>Schlage® C Keyway, Available 0-bitted or keyed random.</td>
<td>2801</td>
<td>6</td>
</tr>
</tbody>
</table>
latchbolts

plain latchbolts

Model No. 380BN supplied standard with all 5300 series locksets without locking function. Model No. 380BN 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 with greater backset available to special order.

Model No. Front     Backset "W" Front Width Throw Latch Diameter*
378N Universal 2-3/8" (60mm) 1" (25mm) 1/2" (13mm) 7/8" (22mm)
380DN Universal 2-3/4" (70mm) 1" (25mm) 1/2" (13mm) 7/8" (22mm)
3380DN Universal 3-3/4" (95mm) 1" (25mm) 1/2" (13mm) 7/8" (22mm)
380BN Universal 2-3/4" (70mm) 1-1/8" (29mm) 1/2" (13mm) 7/8" (22mm)
3380BN Universal 3-3/4" (95mm) 1-1/8" (29mm) 1/2" (13mm) 7/8" (22mm)

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

deadlocking latchbolts

Model No. 380AN supplied standard with all 5300 series locksets with locking function. Model No. 380AN 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 with greater backset available to special order.

Model No. Front     Backset "W" Front Width Throw Latch Diameter*
380N Universal 2-3/8" (60mm) 1" (25mm) 1/2" (13mm) 7/8" (22mm)
380CN Universal 2-3/4" (70mm) 1" (25mm) 1/2" (13mm) 7/8" (22mm)
3380CN Universal 3-3/4" (95mm) 1" (25mm) 1/2" (13mm) 7/8" (22mm)
380AN Universal 2-3/4" (70mm) 1-1/8" (29mm) 1/2" (13mm) 7/8" (22mm)
3380AN Universal 3-3/4" (95mm) 1-1/8" (29mm) 1/2" (13mm) 7/8" (22mm)

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

backset extension links

All 5300 Series Locksets are regularly supplied with latchbolts with a 2-3/4" backset. Latchbolts with 2-3/8" and 3-3/4" backsets are available to special order. Backset extension links are also available for attachment to latchbolts with 2-3/8" backsets or to latchbolts with 2-3/4" and 3-3/4" backsets to obtain popular backset lengths.

attaching screws

(Not regularly supplied when latchbolt ordered separately).

For All Latchbolts

#8-8-32 x 3/4" Phillips flat head combination wood and machine screws. P/N 81-2012-0416

All latches have universal fronts, so they fit flat and beveled door fronts. When ordering latchbolts, specify Model No. x Finish (e.g., 380N x 626). Available in 606, 612, 613, 626 and 722.
Yale® 5300 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.

Yale® 5300 series cylindrical knob locks

**strikes**

Model No. 497 ANSI Strike (Standard)

Model No. 497B Blank ANSI Strike (Optional)
Available to special order. Installed in frame with standard ANSI/BHMA A156.115 preparation to replace the strike when the lockset has been removed from the door.

Model No. 371 T-Strike (Optional)

Model No. 202 Strike Box for ANSI Strike (Optional)
Specify 497 x 202

Model No. 70S Full Lip Strike (Optional)
With full lip anti-rattle tab. Wrought strike box supplied.

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. Wrought strike box supplied.

Model No. 202 Strike Box for ANSI Strike (Optional)
Specify 497 x 202

attaching screws

(Not regularly supplied when strikes ordered separately).

For Model Nos. 371, 70S, and 71S
#8-8-32 x 3/4" (19mm) Phillips flat head combination wood and machine screws.
P/N 81-2012-0416

For Model Nos. 497 and 497B
#12-12-24 x 1" Phillips flat head combination wood and machine screws.
P/N 81-2012-0620

NOTE: When ordering strike or attaching screws individually, specify the finish required; i.e. 497 x 202 x 606; 81-2012-0620 x 606.
ordering information

From this outline select the Model Number for the Yale® 5300 Series Cylindrical Lockset you require.

<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>Supplementary Specifications</th>
<th>Keying Level</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>See page 3</td>
<td>See pages 4-5</td>
<td>Specify</td>
<td>See page 7</td>
<td>See page 8</td>
<td>See page 6</td>
<td>See page 2</td>
<td>Beveled front, specific keying, extension links, strike lip length, etc. (Specify by Model Number where available.)</td>
<td>Highest Keying Level: i.e. MK, GMK, GGMK</td>
<td>See page 2</td>
</tr>
</tbody>
</table>

*If other than standard is required, specify by catalog model number.

ordering example

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Design</th>
<th>Function</th>
<th>Hand</th>
<th>Latch</th>
<th>Strike</th>
<th>Cylinder</th>
<th>Door Thickness</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>CA</td>
<td>5307</td>
<td>RH</td>
<td>380N</td>
<td>497</td>
<td>1801</td>
<td>1-3/4&quot;</td>
<td>626</td>
</tr>
</tbody>
</table>

packing

Each box has a strike, paper template, combination wood and machine screws and easy-to-follow instructions. Cylinder functions are supplied with two keys and furnished right hand unless otherwise specified. Ten shelf boxes to a case.
sample specification

All locksets shall be 5300 Series Grade 2 cylindrical knob locksets as assembled by Yale Locks & Hardware.

Lockset mechanisms are to be constructed of heavy-gauge cold-rolled steel, zinc plated chromate to protect against rust and corrosion. Locksets shall be adjustable to fit doors between 1-3/8" (35mm) to 1-3/4" (44mm) thick.

Locksets shall be reversible for either right hand or left hand doors and be easily installed without the use of any special tools. They shall be installed in a 2-1/8" face bore and a 1" hole in the edge of the door.

Knobs and roses shall be heavy cold forged reinforced. Outside knob on keyed locksets shall be removable only when the designated key is in the cylinder.

Locksets shall have the capability of accepting 6 pin standard component cylinder and security cylinders to provide expansion capacity for masterkey systems.

Latchbolts shall be stainless steel and have a standard 1/2" throw.

Locksets shall carry a 2-year mechanical warranty.

Locksets shall comply with the following certification:
• UL/cUL up to and including 3 hours fire rating
• ANSI/BHMA A156.2 series 4000 Grade 2
• ANSI/BHMA A156.115 or A156.115-W preparation
notes
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 Quick-Ship items
- Track your order and confirm delivery
- Receive email notification of template changes
  And More...

Or contact us at:

**U.S.A.**
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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

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