# Cylinders and Components

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[SARGENT Cylinder & Key Control Products]

**High Security**: UL437 Drill & Pick-Resistant Systems offer protection against physical attacks. Includes Degree DG3, and UL-Keso.

**Security**: Protection against picking. Includes Degree DG2, Signature and Keso.

**Patented Keyway**: Keys are protected against unauthorized duplication. Includes Degree DG1 and XC.

**Open Conventional**: Legacy systems whose patents have run out and are not protected.

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**On The Cover**

#41 Mortise Cylinder

1-800-727-5477 • www.sargentlock.com
KeyWizard™
Key Management Software
Cylinders and Components

SARGENT’S KeyWizard™ 5.5 Software Package Tracks Multiple Key Systems Including Keys, Keyholders, Locations, and Hardware Information
This comprehensive key management software package was developed for locksmiths and end-users to track detailed information.

The program features easy to navigate, non-cluttered screens and uses a format similar to Microsoft® Outlook™.

Features:
- Free Technical Support at 1-800-610-1706 and system upgrades for 1 year
- Website support at www.keywizard.net
- Multi-level passwords and access levels
- Clear, easy to read screens
- Manages multiple end user key systems
- Customized query, reporting and search capability
- Global searching across multiple key systems
- Comprehensive hardware schedules
- Keyholder photos and signatures for identity verification
- Scheduled maintenance and reminders for overdue keys and back-ups
- Accurate key symbol sorting
- Multi-level key authorizations and key deposits
- Network and stand-alone versions
- Pinning calculators
- Reports options including printing in a variety of formats and e-mail
- Cylinder and key random serial ID generator
- Key authorization forms that can be printed at will
- Editable field titles
- Ability to connect to a website and search for any updates

How to order for new users:
Single License Version — KW-SS1
Network Version — KW-SSN1
Demonstration Version — KW-DEMO1

How to order, if upgrading from KeyMinder*:
Single License Version — UP-KW-SS1
Network Version — UP-KW-SSN1
*consult factory for eligibility requirements

Keying Data
Keying data (key sets and bittings) is available for order with new or existing systems to eliminate the need for manual data entry into Key Wizard. Place order based on size of system.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DLKW1</td>
<td>1 to 50 bittings</td>
</tr>
<tr>
<td>DLKW2</td>
<td>51 to 200 bittings</td>
</tr>
<tr>
<td>DLKW3</td>
<td>201 to 1000 bittings</td>
</tr>
<tr>
<td>DLKW4</td>
<td>1001-3000 bittings</td>
</tr>
<tr>
<td>DLKW5</td>
<td>3001-6000 bittings</td>
</tr>
<tr>
<td>DLKW6</td>
<td>6001-9000 bittings</td>
</tr>
<tr>
<td>DLKW7</td>
<td>Over 9000 bittings</td>
</tr>
</tbody>
</table>

Computer System Recommendations:
REQUIRED:
- 350 MHz processor
- 60 MB hard disk space
- Windows® 7, Vista, XP, NT, ME, 2000 or 98
- 64MB Ram
- CD drive

RECOMMENDED For Better Performance:
- 500 MHz or faster
- 70 MB or more
- Windows® 7, Vista, XP, NT, ME, 2000 or 98
- 64MB Ram
- CD drive

BITTING LISTS
Paper bitting lists provided at no charge for factory corresponding keyed orders when requested at time of hardware order. An owners letter of authorization must be attached to all purchase orders. Existing key system bitting lists are also available contact key records for more information.
Cylinders for Bored, Auxiliary, Integra Lock and Mail Box Locks

Cylinders and Components

10, 7, 6500 & 7500 (Lever) Line Standard Cylinders

Part Numbers:
C10-1 (13-3266) for all functions (except 50)
C10-2 (13-3492) for Hotel 50 function

8 and 9 Line Cylinders* (Knob Locks)

Part Numbers:
C8-1 (13-2194) for all functions (except 50)
C8-2 (13-2195) for Hotel 50 function

T-Zone (11 Line) Cylinder

Part Numbers:
C11-1 (13-4145) for all functions (except 50)
C11-2 (13-4146) for Hotel 50 function

6 Line Cylinder

Part Numbers:
C6-1 (13-3129) S & N All except 50
C6-1B (13-3130) B All except 50
C6-2 (13-3108) S & N 50 Function
C6-2B (13-3109) B 50 Function

4101 Mailbox Cylinder

Consult mailbox manufacturer to determine compatibility of cylinder and mailbox. 5 or 6 pin systems

- 2 cut day keys provided
- US Postal regulations prohibit master keyed cylinder

7600 Integralock Cylinder

Part Number:
C7600-1 (13-3987) for all functions (except 26, 27, 50)

5*, 8X and 5500 Line Cylinders

Part Numbers:
C5500-1 (13-3526) for all functions (except 5 line 50)
C5500-2 (13-3708) 5 line 50 function hotel
C8X-1 (13-5202)

758/858 Padlock Cylinder

Part Numbers:
C750-1 for 758/858 Padlocks
04 Finish only

1655 Locker Lock Cylinder

Part Numbers:
C1655-1 13-1813 (tail piece)

* Discontinued products

All cylinders are 6 pin and are supplied with 2 nickel silver change keys unless noted.

When cylinders are ordered keyed to 5 pin systems, the (6th) last chamber will be empty.

Cylinder finishes: 4 and 15.

For cylinders in competitive keyways, see Page 11.

When double cylinder locksets are keyed alike on both sides, 2 change keys are supplied.

Cylinders are supplied random keyed unless specified 1 bitted or master keyed. For master keyed orders provide keying details as requested on SARGENT Keyed Order Lead Sheets, located in the price book or contact customer service.

Cylinders ordered from SARGENT Turbo program are supplied as 1 bitted as standard unless otherwise specified.

Cylinders BHMA A156.5 Grade 1 listed except hotel functions, C5500 and C7600.
### Cylinder Parts: Bored, Auxiliary and Integra Locks
#### Cylinders and Components

**Hotel Function Not Shown**

![Diagram](image)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Lock Line</th>
<th>Part Number</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6 Pin Key Blank</td>
<td>7600</td>
<td>See Table Page 16</td>
<td>New 7600 Only</td>
</tr>
<tr>
<td>2</td>
<td>Plug</td>
<td>470, 480, 1655, 7500</td>
<td>13-0090</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Plug</td>
<td>460</td>
<td>13-0874</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Plug</td>
<td>5500*, 8X</td>
<td>13-0904</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Plug &amp; Pin Assembly</td>
<td>7, 8, 9&quot; Knobs</td>
<td>13-0920</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Plug &amp; Ring Assembly</td>
<td>6, 7 Lever, 8*, 1655, 7500, 758, 858</td>
<td>13-3425</td>
<td></td>
</tr>
</tbody>
</table>
| 3    | Shell Only | 7600 | 13-1139 | 7600 (No Slide)
|      | Cylinder Shell & Slide Assembly | 7, 8L*, 10, 11 Levers, 758, 858 | 13-1327 | Illustration Shows Slide Disassembled
|      | Without Pins & Springs | 6, 6500 | 13-3257 | Effective 9/03
|      | | 460, 470, 480, 1655 | 13-3493 | |
|      | | 5500*, 8X | 13-3514 | |
| 4    | Bottom Pin | All Cylinders | 13-0059 | Pin No. 10 (Length .200) |
| 5    | Top Pin | All Cylinders | See Table Page 14 | |
| 6    | Master Pin | All Cylinders | See Table Page 14 | |
| 7    | Compression Spring | All Cylinders | 13-0265 | |
| 8    | Plug Retainer Ring | 5* | 01-0870 | |
|      | Plug Retainer Ring | 7, 8*, 9 Knob Plug manufactured prior to March 2005 | 06-0166 | |
|      | Plug Retainer Ring | 6, 7 Lever, 8L*, 10, 11, 6500 and 8 line* knob manufactured after April 2005 | 13-0205 | |
|      | Plug Retainer Ring | 5500, 8X | 01-0870 | |
| 9    | 60-70 Tail Piece | 60-70, 6500 | 05-0033 | 6 Pin Only
|      | 70 Tail Piece | 70-6500 | 05-0034 | 7 Pin Only
|      | 60 Tail Piece | 60-7, 10 | 10-0239 | Except 54 Function
|      | 70 Tail Piece | 70-7, 10 | 10-0239 | 6 Pin Except S4 Function
|      | 70 Tail Piece | 70-7, 10 | 10-0240 | 7 Pin Except S4 Function
|      | 70 Tail Piece | 70-7, 10 | 10-0287 | 7 Pin Function
|      | 60 Tail Piece | 60-11 | 11-0171 | 7 Pin Function
|      | Tail Piece | 7, 8L*, 10, 6500 | 13-0895 | All Functions
|      | Tail Piece | 6 (S & N Knobs) | 13-0907 | Except 50 Function
|      | Tail Piece | 6 (8 Knob) | 13-0908 | |
|      | Tail Piece | 5500 | 13-0919 | |
|      | Tail Piece | 758, 858 | 13-1230 | |
|      | Tail Piece | 8X | 13-1849 | |
|      | Tail Piece | 13-0694 | |
| 10   | Cylinder Cap Spring | 460, 470, 480, 1655 | 13-1555 | Effective 6/03
|      | | 460, 470, 480, 1555 | 13-0693 | Prior to 6/03
| 11   | Cylinder Cap Pin | 460, 470, 480, 1655 | 13-1554 | Effective 6/03
|      | | 460, 470, 480, 1555 | 13-0691 | Prior to 6/03
| 12   | Cylinder Tail Washer | 464, 474, 484 | 13-0882 | |
|      | | 464, 465, 485, 486, 487, 1655 | 13-0883 | |
| 13   | Cylinder Endcap | 460, 470, 485, 1655 series | 13-0875 | |
| 14   | Tail Piece | 464, 474, 484 | 13-0878 | 1-3/4" to 2" (44mm to 51mm)
|      | | 465, 485, 487 | 13-0880 | Door Thickness
|      | | 475, 486 | 13-0881 | |
| 15   | Blocking Piece | 460, 470, 480, 1655 | 13-0884 | |
| 16   | Slide | 7 Old*, 7, 8*, 8L*, 9*, 10, 11, 1650 | 13-0779 | |
|      | (Mfg prior June 2008) | 7600 | 13-0816 | |
| 17   | Slide | 7, 8*, 8L, 9*, 10, 11, 1655, 6500 | 13-1341 | |
|      | (Mfg after June 2008) | 7600 | 13-1341** | |
| 18   | Tail Piece Retainer | 6, 7, 10, 11, 6500 | 13-0680 | |
| 19   | Cam Connector | 1655 | 13-1813 | |

* Discontinued Product
** See page 11 for Details
40 Series Mortise Cylinders and 34 Series Rim Cylinders

Cylinders and Components

40 Series Mortise Cylinder

- Cylinder: Solid brass, 1-5/32” (29mm) diameter
- Cap: Brass, bronze or stainless steel
- Furnished standard with No. 97 rosette and compression spring
- Optional Collars/Spacers available and ordered separately, refer to product catalogs for additional information
- See Cam Chart on Page 6 for cam required
- 6 pin standard; for 7 pin specify “7 pin”, size 42 minimum
- No. 41 cylinder not available in 7 pin
- Mortise cylinder assemblies that are ordered without hardware are supplied with standard SARGENT offset cam 13-0664
- Cylinder finishes: 3, 4, 9, 10, 10B, 10BE, 10BL, 15, 20D, 32, 32D
- Plug finishes: 4, 15

<table>
<thead>
<tr>
<th>Cylinder No.</th>
<th>41</th>
<th>42</th>
<th>43</th>
<th>44</th>
<th>46</th>
<th>48</th>
<th>50</th>
<th>52</th>
<th>54</th>
<th>56</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dim. X</td>
<td>1-1/8” (29mm)</td>
<td>1-1/4”</td>
<td>1-3/8”</td>
<td>1-1/2”</td>
<td>1-3/4”</td>
<td>2”</td>
<td>2-1/4”</td>
<td>2-1/2”</td>
<td>2-3/4”</td>
<td>3”</td>
</tr>
<tr>
<td></td>
<td>(32mm)</td>
<td>(35mm)</td>
<td>(38mm)</td>
<td>(44mm)</td>
<td>(51mm)</td>
<td>(57mm)</td>
<td>(64mm)</td>
<td>(70mm)</td>
<td>(76mm)</td>
<td></td>
</tr>
</tbody>
</table>

50-40 Series Hotel Type Cylinder

Features same as standard 40 Series cylinders except:
- For use with 7850 or 8250 lock only
- 6 pin only
- Contact factory for compatibility requirements for existing 6 pin systems
- Uses only cam #115 (13-2045)
- Guest and master keys will only retract the latch bolt but not project or retract the dead bolt
- Emergency keys (catalog # 7268 EMK) retract the latchbolt and deadbolt and can also project the deadbolt
- C Series keyways supplied standard, specify if different keyway is required. On 1 bitted or KD, CA key way will be supplied if not otherwise specified
- Consult Sargent Key records dept. when adding Hotel cylinders to existing key systems for compatibility
- Length under cylinder head (Dim. X)
  - 50-43 1-3/8” (35mm); 50-44 1-1/2” (38mm)

78-40 Series Exposed Shell Only Cylinders

- Cylinder: Solid brass, 1-5/32” (29mm) diameter
- 6 pin standard, for 7 pin specify “7 pin”
- For use with SARGENT mortise locks with Escutcheon Trim (KE 3/4, LE 3/4) only
- See Function Table on Page 6 for cam required
- 78-41 6 pin; single cylinder function only except 50
- 78-42 6 or 7 pin; single cylinder functions only
- 78-43 6 or 7 pin; all functions except 50
- Plug finishes: 4, 15

34 Series Rim Type Cylinder

- 27/32” (21mm) screw pattern for through-bolted SARGENT exit devices
- Cylinder: Solid brass
- Cap: Brass, bronze or stainless steel
- Furnished standard with No. 97 rosette and compression spring, “break-off” screws and back plate
- 6 pin standard, for 7 pin specify “7 pin”
- Horizontal tail piece only
- Cylinder finishes: 3, 4, 9, 10, 10B, 10BE, 10BL, 15, 20D, 32, 32D
- Plug finishes: 4, 15

<table>
<thead>
<tr>
<th>No. of Pins</th>
<th>Door Thickness when used with outside trim</th>
<th>Dim. A (Min.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2-3/8” to 3-1/4” (60mm to 82mm)</td>
<td>1-1/16” (27mm)</td>
</tr>
<tr>
<td>7</td>
<td>2-1/2” to 3-1/2” (64mm to 89mm)</td>
<td>1-7/32” (31mm)</td>
</tr>
</tbody>
</table>

All cylinders are standard 6 pin and are supplied with 2 nickel silver change keys unless noted. In cylinders ordered for 5 pin systems, the (6th) last chamber will be empty. When double cylinder locksets are keyed alike on both sides, 2 change keys are supplied.

For cylinders in competitive keyways, see Page 11.
Cylinders are supplied random keyed unless specified 1 bitted or master keyed. For master keyed orders provide keying details as requested on SARGENT Keyed Order Lead Sheets, located in the price book or contact customer service.
Cylinders BHMA A156.5 Grade 1 listed except hotel functions.
### 34 Rim/40 Series Mortise Cylinder Parts

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
<th>Where Used</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Plug</td>
<td>See Table Below</td>
<td>40 Mortise &amp; 34 Rim</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Cylinder Shell, Cap &amp; Slide Assy.</td>
<td>See Table Below</td>
<td>40 Mortise &amp; 34 Rim</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Bottom Pin</td>
<td>See Table Page 13</td>
<td>40 Mortise &amp; 34 Rim</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Master Pin</td>
<td>13-0062</td>
<td>40 Mortise &amp; 34 Rim</td>
<td>Pin No. 10 (Length .260)</td>
</tr>
<tr>
<td>5</td>
<td>Top Pin</td>
<td>See Table Page 13</td>
<td>40 Mortise &amp; 34 Rim</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Compression Spring</td>
<td>13-0265</td>
<td>40 Mortise &amp; 34 Rim</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Cam</td>
<td>See Table Page 6</td>
<td>40 Mortise</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Screw</td>
<td>01-1121</td>
<td>40 Mortise</td>
<td>#3-48 x 5/16&quot; (8mm) PH FL</td>
</tr>
<tr>
<td>9</td>
<td>Plug Retainer</td>
<td>13-0080</td>
<td>34 Rim</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Tail Piece</td>
<td>13-0085</td>
<td>34 Rim</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Cylinder Back Plate</td>
<td>13-0086</td>
<td>34 Rim</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Connecting Screws</td>
<td>13-0075</td>
<td>34 Rim</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Standard Connecting Screws</td>
<td>13-0074</td>
<td>34 Rim</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>6 Pin Slide</td>
<td>13-0779</td>
<td>40 Mortise &amp; 34 Rim</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7 Pin Slide</td>
<td>13-0780</td>
<td>40 Mortise &amp; 34 Rim</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>6 Pin Slide</td>
<td>13-1341</td>
<td>40 Mortise &amp; 34 Rim</td>
<td>Mfg prior to 06-2008 *</td>
</tr>
<tr>
<td></td>
<td>7 Pin Slide</td>
<td>13-1797 v</td>
<td>40 Mortise &amp; 34 Rim</td>
<td>Mfg after 06-2008 *</td>
</tr>
</tbody>
</table>

#### Standard Cylinders
(Hotel Function Not Shown)

<table>
<thead>
<tr>
<th>No.</th>
<th>Cylinder Length</th>
<th>6 Pin Plug Part Number</th>
<th>7 Pin Plug Part Number</th>
<th>6 Pin Shell &amp; Slide Assy. Part Number</th>
<th>7 Pin Shell &amp; Slide Assy. Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>41</td>
<td>1-1/8&quot; (29mm)</td>
<td>13-0401</td>
<td>N/A</td>
<td>13-2005</td>
<td>N/A</td>
</tr>
<tr>
<td>42</td>
<td>1-1/4&quot; (32mm)</td>
<td>13-0402</td>
<td>13-0402</td>
<td>13-2006</td>
<td>13-2765</td>
</tr>
<tr>
<td>43</td>
<td>1-3/8&quot; (35mm)</td>
<td>13-0403</td>
<td>13-0403</td>
<td>13-2766</td>
<td>13-2766</td>
</tr>
<tr>
<td>44</td>
<td>1-1/2&quot; (38mm)</td>
<td>13-0404</td>
<td>13-0404</td>
<td>13-2767</td>
<td>13-2767</td>
</tr>
<tr>
<td>46</td>
<td>1-3/4&quot; (44mm)</td>
<td>13-0405</td>
<td>13-0405</td>
<td>13-2768</td>
<td>13-2768</td>
</tr>
<tr>
<td>48</td>
<td>2&quot; (51mm)</td>
<td>13-0406</td>
<td>13-0406</td>
<td>13-2769</td>
<td>13-2769</td>
</tr>
<tr>
<td>50</td>
<td>2-1/4&quot; (57mm)</td>
<td>13-0407</td>
<td>13-0407</td>
<td>13-2770</td>
<td>13-2770</td>
</tr>
<tr>
<td>52</td>
<td>2-1/2&quot; (64mm)</td>
<td>13-0408</td>
<td>13-0408</td>
<td>13-2771</td>
<td>13-2771</td>
</tr>
<tr>
<td>54</td>
<td>2-3/4&quot; (70mm)</td>
<td>13-0409</td>
<td>13-0409</td>
<td>13-2772</td>
<td>13-2772</td>
</tr>
<tr>
<td>56</td>
<td>3&quot; (76mm)</td>
<td>13-0474</td>
<td>13-0474</td>
<td>13-2773</td>
<td>13-2773</td>
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# Cams for Mortise Cylinder
## Cylinders and Components

## Cams For Conventional Mortise Cylinders* in SARGENT Keyways

<table>
<thead>
<tr>
<th>Cam Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Cam</td>
<td>Standard open slotted cam provided on all 40 Series - standard. Except: 16, 50 &amp; 92 function Mortise Locks</td>
</tr>
<tr>
<td>#105</td>
<td>Short cam used for 78/8200 (16 &amp; 92) function locks (Inside Cylinder) (Was -3 &amp; -8)</td>
</tr>
<tr>
<td>22-Standard</td>
<td>Cam used for Construction Key Systems (22-), except for 16 &amp; 92 function inside cylinder &amp; 50 function mortise locks</td>
</tr>
<tr>
<td>22-105</td>
<td>Cam used for Construction Key Systems (22-), 16 &amp; 92 function mortise locks (Inside Cylinders)</td>
</tr>
<tr>
<td>#115</td>
<td>Cam used for Hotel (7850/8250) function cylinders only (formally -2)</td>
</tr>
</tbody>
</table>

## Miscellaneous Cams*

<table>
<thead>
<tr>
<th>Cam Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>#101</td>
<td>Adams Rite 1850, 4700</td>
</tr>
<tr>
<td>#113</td>
<td>SARGENT 4370 Series key switch</td>
</tr>
<tr>
<td>#106</td>
<td>“Open” Schlage “L”</td>
</tr>
<tr>
<td>#112</td>
<td>“Open” Misc.</td>
</tr>
</tbody>
</table>

* Two screws attach cam to cylinder, order as an 01-1121, when needed

## Cams for 6300 Large Format Interchangeable (Removable) Core Mortise Cylinders (Factory assembled to housing)

<table>
<thead>
<tr>
<th>Cam Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>6300 Series Cam</td>
</tr>
<tr>
<td>-105</td>
<td>Cam for inside of 8216/8292 functions</td>
</tr>
<tr>
<td>-115</td>
<td>Cam for Supplied standard with 50-63-43 Hotel 50 function cylinders/locks</td>
</tr>
<tr>
<td>-101</td>
<td>ADAMS RITE 1850-4710</td>
</tr>
<tr>
<td>-106</td>
<td>Schlage &quot;L&quot;</td>
</tr>
<tr>
<td>-112</td>
<td>Wide Straight</td>
</tr>
<tr>
<td>-113</td>
<td>4370 Series key switch</td>
</tr>
</tbody>
</table>

- 6300 Cams are factory installed and are not removable
- 6300 Cams are not sold separately
- Specify required Cam as a suffix 63-44-105 cam
- For Standard Cam: No Suffix is required
Installation Tools for 6300 and 7300 Cylinders
Cylinders and Components

432 RC
6300 Large Format Interchangeable (Removable) Core Installation Tool

432 IC
7300 Small Format Interchangeable Core Installation Tool

- The 432 RC and 432 IC are tools to assist in installing SARGENT Large Format Interchangeable (Removable) Core and Small Format Interchangeable Core Mortise Housings. These tools make it easy to thread a cylinder body into a Mortise lock and can also help check the cylinder function in a lock before installing the cylinder core.

- Order: 432 RC for the SARGENT Large Format Interchangeable (Removable) Core Installation Tool
- Order: 432 IC for the Small Format Interchangeable Core Install Tool
6300 Series Large Format Interchangeable (Removable) Cores

Cylinders and Components

60- Prefix Disposable Plastic Core

- During the construction phase in non-restricted areas, disposable plastic cores can be used, eliminating use and distribution of the actual keys
- Once construction is near completion, the permanent keyed cores will be installed and the building secured; permanent keyed cores are ordered separately as 6300 Cores
- Disposable cores are available for Mortise, Exits and most cylindrical lock sets
- Operate with coin or flat screwdriver
- One piece design allows for easy installation
- To order separately: Use p/n 13-5177
- Mortise Sizes available: 60-42, 60-43, 60-44 & 60-46
- Available 6300 Mortise Cams on Pg 6
- Specify required Cam as a suffix: 60-44-105 cam
- For Standard Cam: No Suffix is required

6300 Permanent Large Format Interchangeable (Removable) Cores

- SARGENT LFIC (Removable) Core Cylinders and Master Key Systems are available for a quick change of cylinders for increased security. It is not necessary to remove the lock from a door to rekey the opening
- Special “control” key is used to release a locking cam allowing immediate removal of the core
- Available for use in many SARGENT products (Exit Devices, Mortise locks, Bored locks and padlocks)
- LFIC Key Systems can also include conventional cylinders operated by the same master/change keys when the 6300 quick change feature is not needed
- Can be master or grand-master keyed
- 2 Change keys provided
- 6 pin standard
- 1 bitted available for field keying
- 1 bitted cylinders supplied with 2 key blanks, pins and springs in chambers in 3 and 4 only
- HA keyway will be supplied unless otherwise specified
- Wide variety of master key systems available
- Permanent (keyed Large Format Interchangeable) cores supplied with hardware unless specified otherwise
- Available in the following SARGENT keyway families: A, B, C, H, K, L, N, R, and V
- Also available in the following single key sections: CR and S
- Control key is 6272 CTL, ordered separately
- Finishes: 4, 15
- Ordering as a 6300 LFIC Core x finish and giving all keying information

6300 Unassembled Core Only

- Unassembled core for field rekeying. Includes Control Sleeve and key blanks
- Springs and pins to be ordered separately (see Pages 14 & 15)
- 65- Prefix - Uncombine Cores
- Finishes: 4, 15
- HA keyway will be supplied standard, unless otherwise specified
- Order as: 65-6300 x finish x keyway (6 pin only)

63-40 Series Mortise Cylinders

- Standard & Hotel Function Cylinders

- Cylinder: Solid brass 1-3/16” diameter
- Cap: Brass, bronze and stainless steel
- Furnished standard with No. 97 rosette and compression ring
- Optional Collars/Spacer available and ordered separately, refer to product catalogs for additional information
- HA Standard Keyway (Except Hotel)
- For use in Sargent 78/8250s hotel function only, “C” series keyway supplied standard, unless otherwise specified. Offered in 50-63-43 size only (1-3/8”) with 115 cam only
- Hotel emergency key is 7269 EMK, ordered separately
- Order hotel cylinders as 50-63-43 or 50-60-43 which will include the 115 cam as standard
- Other SARGENT keyways available
- Mortise Sizes available: 63-42, 63-43, 63-44 & 63-46
- Available 6300 Mortise Cams on Pg 6
- Specify required Cam as a suffix: 63-44-105 cam
- For Standard Cam: No Suffix is required
- Finishes: 3, 4, 15, 10, 10B, 10BE, 10BL, 20D, 32, 32D
- Order as: 63-42 x Finish
- 60-42 same as above, but supplied with plastic disposable plastic core

6340 Series Mortise Cylinder Sizes

<table>
<thead>
<tr>
<th>Cylinder #</th>
<th>63-42</th>
<th>63-43</th>
<th>63-44</th>
<th>63-46</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>1 1/16&quot; (32mm)</td>
<td>1 3/8&quot; (35mm)</td>
<td>1 1/2&quot; (38mm)</td>
<td>1 3/4&quot; (44mm)</td>
</tr>
</tbody>
</table>

436-1 Slide Block Kit

- Includes fixture and staking tool for use only with the (10)- 6300 Series Cylinders manufactured after March 2006 for the ease of top loading in the field
- The kit includes 100 each slides p/n 13-1341, Staking Block and staking tool
- Cylinders manufactured after March 2006 will not include the box around the SARGENT logo and can be used with this kit
- Cores without a box around the word “SARGENT”
## 7300B Small Format Interchangeable Cylinders

**Cylinders and Components**

### 73- & 73-7P Series Small Format Interchangeable Core Cylinders 6 & 7 Pin

- SARGENT Interchangeable Core Cylinders and Master Key Systems are available for a quick change of cylinders for increased security. It is not necessary to remove the lock from the door to rekey the opening.
- SARGENT 7300B Interchangeable Cores are available in SARGENT 4A and 4B keyways as well as the following standard competitor keyways: A, B, C, D, E, F, G, H, J, K, L, M.
- SARGENT will extend any key system after receipt of an existing bitting list from the end user.
- New key systems are available in either 4A or 4B keyways. 4A in a 2 step system will be supplied standard on new systems.
- A2 or A4 systems available for hardware to be supplied with keyed cores.
- 73-prefix for 6 pin cores and 73-7P for 7 pin permanent cores provided.

### 7300B Keyed Interchangeable Core

- Supplied keyed with two nickel silver change keys as standard.
- Face includes SARGENT logo.
- If Control keys are required order as 6282BCTL for 6 pin systems or 7282BCTL for 7 pin systems.
- 6 pin system master keys are ordered as 6282BMK.
- 7 pin system master keys are ordered as 7282BMK.
- Finishes: 4, 15.
- Order separately as: 7300B x Finish (for 6 pin) 7P-7300B x Finish (for 7 pin)

### 65-7300B Uncombined Interchangeable Cylinders

- Cores for field keying.
- No pins, springs or key blanks provided.
- No logo on face.
- 65-Prefix — uncombined Cores.
- Finishes: 4, 15.
- Order as: 65-7300B x Finish (for 6 pin) 65-7P-7300B x Finish (for 7 pin).

### 70- Prefix Disposable Plastic Construction Core For SFIC

- Used for doors that do not require key locking during the construction period.
- Operate with coin or flat screwdriver.
- Mortise and rim cylinders accepts either 6 or 7 pin permanent cores.
- Cylindrical lock sets ships with plastic core and 6 pin tail piece installed while the 7 pin tail piece is packed loose with the lock set.
- One piece design allows for easy installation.
- Only available with standard cams.
- To order separately use pin 13-5176.

### Key Blanks/Cut Master Type Keys (Nickel Silver)

- 6 pin key blank — order as 6285B x keyway.
- 7 pin key blank — order as 7285 B x keyway.
- Packed 50 per box.
- SARGENT Keyways: 4A, Restricted 4B.
- Competitors: A, B, C, D, E, F, G, H, J, K, L, M.
- Cut 6 pin master key, order as cat # 6282BMK.
- Cut 7 pin master key, order as cat.
- 7282BMK
- Cut 6 pin control key order as cat.
- 6282BCTL
- Cut 7 pin control key order as cat.
- 7282BCTL

### 73-34 Rim Cylinder

- Brass cylinder and housing.
- Furnished with No. 97 rosette, break off screws and back plate.
- Optional Collars/Spacers available and ordered separately, refer to product catalogs for additional information.
- Housing accepts 6 or 7 pin core.
- Mounting holes located to match SARGENT hardware.
- Finishes: 3, 4, 26, 26D.

### 73-43 or 73-46 Series Mortise Cylinders

- Two cylinder sizes.
- # 43, 1-3/8” (35mm) length under cylinder head including cam.
- 73-43 (6 pin).
- 73-7P-43 (7 pin).
- 70-43 housing less core.
- # 46, 1-3/4” (44mm) length under cylinder head including cam.
- 73-46 (6 pin).
- 73-7P-46 (7 pin).
- 70-46 housing less core.
- 1-5/32” (29mm) diameter housing.
- Furnished with No. 97 cylinder rosette as standard.
- Optional Collars/Spacers available and ordered separately, refer to product catalogs for additional information.
- Cam is permanently staked to housing.
- Housing accepts 6 or 7 pin cores.
- Only available with SARGENT off set cam.
- Hotel Function not available.
- Finishes: 3, 4, 9, 10, 10BE, 10BL, 20D, 26, 26D.

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Old Style Removable Cores
Mortise/Rim Cylinders
Cylinders and Components

51- Prefix Old Style
Removable Core Cylinder

- SARGENT Removable Core Cylinders and Master Key Systems are available for a quick change of cylinders for increased security. It is not necessary to remove the lock from the door to rekey the opening.
- Special “control” key is used to release a locking cam to allow immediate removal of the core.
- Available for use only in SARGENT products, such as exit devices or mortise locks, which use rim or mortise cylinders.
- SARGENT Offset Cams only.
- Available for existing systems only.
- Can be master or grandmaster keyed.

**Note:** If ordering for existing construction key system, provide all keying information.
- Consult factory for existing system compatibility.
- Plug finishes: 4, 15
- Finishes: 3, 4, 9, 10, 10B, 10BE, 20D, 32, 32D

**How to Order**

**Mortise Type**

Add 52- prefix to removable core cylinder number (Example: 52-142)

Not available for functions 50 and 52

**Rim Type**

Add 52- prefix to removable core cylinder number (Example: 52-134)

Not available for functions 50 and 52

**Removable Core Cylinders**

<table>
<thead>
<tr>
<th>Mortise Type</th>
<th>Length under cylinder head including cam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>No. Pins</td>
</tr>
<tr>
<td>140 Cylinder</td>
<td>7</td>
</tr>
<tr>
<td>Core Only</td>
<td>7</td>
</tr>
</tbody>
</table>

**Rim Type “Core Only”**

<table>
<thead>
<tr>
<th>Series</th>
<th>No. Pins</th>
</tr>
</thead>
<tbody>
<tr>
<td>5134</td>
<td>7</td>
</tr>
</tbody>
</table>

Note: These cylinders use the last chamber for the control sleeve. Standard keys contain a cut in this position to engage the control function.

52- Prefix Old Core Style
Construction Removable

- A separate order for permanent cores, with keysets keying information, door and item numbers, should accompany the lockset order. The permanent cores will be shipped directly to the distributor and not to the job site.
- All locks ordered with removable construction core cylinders will be invoiced at the regular price established for 51- prefix.
- A separate invoice will be issued to cover the permanent cores at prices listed for removable cores.
- Plastic disposable cores not available.

**How to Order**

**Mortise**

Add 52- prefix to removable core cylinder number (Example: 52-142)

**Rim Type**

Add 52- prefix to removable core cylinder number (Example: 52-134)

To order removable cores only for mortise and rim type cylinders, add 52- prefix to core designation (Example: 52-5142 or 52-5134)
SARGENT Bump Resistant Cylinders

These cylinders employ specially engineered patent pending components designed to resist bumping while maintaining the cylinder’s strength.

Bump resistant cylinders offer these features:
- Added line of defense against intruders
- Prevents unauthorized entry

The bump resistant feature is available for the following conventional cylinders (6 and 7 pin only):
- Mortise Cylinders: Conventional and XC (11-)
- Rim Cylinders: Conventional and XC (11-)
- Bored Cylinders: Conventional and XC (11-)

Specify bump resistance by adding BR Prefix.

Not available with 63- or 73- cylinder options

How to order example: BR-10G04 LL 26D

437BR Bump Resistant Re-Pinning Kit

The 437BR Kit is used to convert existing cylinders into bump resistant cylinders. Simply replace the drivers and springs in all chambers. Each kit includes 300 pins for use in mortise/rim cylinders, 300 pins for use in KIK/KIL cylinders and 600 springs.

How to order example: BR-10G04 LL 26D
124 Mortise Turn Lever Cylinders
Rosettes and Blocking Rings

Cylinders and Components

### 124 Series Turn Lever

- Used in mortise locks in lieu of cylinders when keyed cylinders are not required
- Furnished standard with No. 97 cylinder rosette when ordered separately
- Optional Collars/Spacers available and ordered separately, refer to product catalogs for additional information
- Cylinder: Brass
- Turn lever: Brass or bronze
- Cap: Brass, bronze, stainless steel
- Finishes: 4, 10B, 10BE, 32D

<table>
<thead>
<tr>
<th>No.</th>
<th>124-41</th>
<th>124-42</th>
<th>124-43</th>
<th>124-44</th>
<th>124-46</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Including Cam (Dim. x)</td>
<td>1-1/8” (29mm)</td>
<td>1-1/4” (32mm)</td>
<td>1-3/8” (35mm)</td>
<td>1-1/2” (38mm)</td>
<td>1-3/4” (44mm)</td>
</tr>
</tbody>
</table>

**Cam No. Suffix**

<table>
<thead>
<tr>
<th>Description</th>
<th>None</th>
<th>-101</th>
<th>-104</th>
<th>-105</th>
<th>-106</th>
<th>-112</th>
<th>-113</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sizes 41, 42, 43, 44 &amp; 46 for standard offset SARGENT cam</td>
<td>Sizes 41, 42, 43, 44 &amp; 46 x cam for Adams Rite 1850 lock</td>
<td>Sizes 41, 42, 43, 44 &amp; 46 x cam for Adams Rite 4050, 4150, 4070, 4250 and 4350 locks</td>
<td>Sizes 41, 42, 43, 44 &amp; 46 x cam for inside of 16 and 92 mortise lock</td>
<td>Sizes 41, 42, 43, 44 &amp; 46 x cam for Open Schlage L</td>
<td>Sizes 41, 42, 43, 44 &amp; 46 x cam for Open Misc.</td>
<td>Sizes 41, 42, 43, 44 &amp; 46 x cam for 4370 Series Keyswitches</td>
<td></td>
</tr>
</tbody>
</table>

#### No. 1KB Rosette

- Used with 8200 Series mortise locks and No. 90 blocking rings when cylinders project from door
- Free spinning to protect cylinder from vandalism
- Consult 8200 series catalog for Rosette application details
- Furnished standard with 8200 LN and L rose design mortise trim
- Cast brass, bronze or stainless steel
- 1-1/2” (38mm) diameter, includes compression spring
- Projection from door:
  - 1KB-1 5/16” (8mm)
  - 1KB-2 7/16” (11mm)
  - 1KB-3 9/16” (14mm)
  - 1KB-4 11/16” (16mm)
- Finishes: 3, 4, 10, 10B, 10BE, 10BL, 20D, 26, 26D, 32, 32D

#### No. 97 Rosette

- Standard for cylinders ordered separately from hardware
- Standard for 4800 dead bolts and 7900 and 7800 series mortise locks
- Brass, bronze or stainless steel
- 1-11/16” diameter (43mm), 9/32” (7mm) projection, includes compression spring
- Finishes: 3, 4, 10, 10B, 10BE, 10BL, 20D, 32, 32D

#### No. 90 Blocking Ring

- Used with rosettes as spacer when mortise cylinder projects from face of door as shown above
- Consult 8200 series catalog for Blocking ring application details
- Brass, bronze or stainless steel
- 1-3/8” (35mm) diameter; available in thickness of 1/16”, 1/8”, 3/16”, 1/4” and 3/8”
- Specify thickness when ordering: Order as a #90 x 3/16” for the thickness needed
- Finishes: 3, 4, 10, 10B, 10BE, 10BL, 20D, 26, 26D, 32, 32D

#### Cylinder Nut Wrench

This wrench simplifies the installation and removal of mortise cylinders nuts used on 700 Series Auxiliary Control (80 Series ET Trim).
- Part number 97-0568

**Note:** Hardware ordered less cylinder will be provided with the standard collar and/or blocking rings for the standard 1-1/8” mortise cylinders

When using cylinders that are longer consult individual catalogs to order proper size collars and/or spacers.
Construction Master Keying Lost Ball, Split Key Construction Keying Kit (Lost Ball)

Cylinders and Components

21- Prefix Lost Ball Construction Keying

Cylinders ordered in SARGENT keyways with construction keying will include the 21- prefix Lost Ball feature as standard. This replaces the 22- split key, only available as additions to existing 22- mastered keyed systems. The 21- is not available with old or new style removable/interchangeable core (5100 & 6300s). If construction keying is required for removable/interchangeable cores, use 52- or 64- construction keyed cores.

With the lost ball option, construction keying is obtained easily without going back to each cylinder and removing the construction split key when the building gets turned over.

With this feature, the 21- cylinder is master keyed with small ball bearings in one chamber of the cylinders. The plug is drilled in two places along both sides of the same chamber containing the balls. This allows the construction master key to be used, while leaving these balls in the chamber above the plug when the key is rotated.

When it is time to void the construction key, by simply using the change (day) key these balls will fall into the holes in the plug. The construction master key will now no longer operate the lock.

Field construction (21- lost ball) keying can also be easily accomplished with the #439 LOST BALL REKEYING KIT. The kit includes a drilling block, knurled pin, 500 balls and drill with collar.

Orders with 21- will have all change keys shipped separately from hardware. New key systems provided with six construction master keys unless otherwise specified.

Additions to orders to existing systems are not provided with construction masters unless ordered separately.

To Void Construction Key

Note: Ball bearings shown are for illustration purposes only. They do not stack, they align next to each other and lay flat.

22- Prefix Split Key Construction Keying

The 22- prefix for split-key construction keying is available only for existing systems. When construction is completed, each cylinder must have the construction split key removed with extractor tool part number 14-0070 (one supplied per order). Orders with 22- prefix will have all change keys shipped separately from hardware. Not available with XC or Signature cylinders, non-SARGENT keyways or with cylinders used in other manufacturers’ locks. Construction Master Keys part number 14-0069 must be ordered separately.

439 Construction Keying Kit (Lost Ball)

This kit is designed to allow field construction master keying of SARGENT conventional, Signature and XC cylinders.

Each kit includes:

1. Drilling block
2. Drill bit
3. Knurled pin
4. Hex key (not shown)
5. Collar & Set screw Assy.
6. 500 each balls, P/N 13-1103 (not shown)
Bitting Dimensions, Pins and Springs

Cylinders and Components

Depth tolerance $\pm .002$", spacing tolerance $\pm .001$-

<table>
<thead>
<tr>
<th>Cut#</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
</tr>
</thead>
</table>

Above bitting dimensions are for SARGENT cylinders in the following keyway families: A, B, C, G, H, K, L, N, R, V

Springs

- 13-0265 used in all cylinders except 3rd & 4th position of 6300 and 10-6300 cores for factory pinned cores prior to January 2009
- 13-0487 used in 3rd & 4th position of 6300, 10-6300 cores for field rekeying for factory keyed cores prior to January 2009
- 13-1769 spring used in all chambers and with standard master pins as drivers of master keyed 6300, 10-6300 & 11-6300 cylinders since January 2009

Cylinders that use 13-0265 will be used with hollow drivers in the 3rd and 4th chamber when a #2 split is used since January 2015

Brass Pins for SARGENT Keyways

<table>
<thead>
<tr>
<th>Bottom Pins</th>
<th>Master/Driver Pins</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIZE #1  13-0064</td>
<td>SIZE #2  13-0051</td>
<td>.170</td>
</tr>
<tr>
<td>SIZE #2  13-0065</td>
<td>SIZE #3  13-0052</td>
<td>.190</td>
</tr>
<tr>
<td>SIZE #3  13-0066</td>
<td>SIZE #4  13-0053</td>
<td>.210</td>
</tr>
<tr>
<td>SIZE #4  13-0067</td>
<td>SIZE #5  13-0054</td>
<td>.230</td>
</tr>
<tr>
<td>SIZE #5  13-0068</td>
<td>SIZE #6  13-0055</td>
<td>.250</td>
</tr>
<tr>
<td>SIZE #6  13-0069</td>
<td>SIZE #7  13-0056</td>
<td>.270</td>
</tr>
<tr>
<td>SIZE #7  13-0070</td>
<td>SIZE #8  13-0057</td>
<td>.290</td>
</tr>
<tr>
<td>SIZE #8  13-0071</td>
<td>SIZE #9  13-0058</td>
<td>.310</td>
</tr>
<tr>
<td>SIZE #9  13-0072</td>
<td>SIZE #10 13-0059</td>
<td>.330</td>
</tr>
<tr>
<td>SIZE #10 13-0073</td>
<td>SIZE #11 13-0060</td>
<td>.350</td>
</tr>
</tbody>
</table>

All pins .115 diameter

| SIZE #3  13-1229 | SIZE #4  13-1234 | SIZE #5  13-1235 |
| SIZE #6  13-1236 | SIZE #7  13-1237 |

10-34 & 10-40 Signature Pins

Hardened stainless steel bottom pins used only in the 1st chamber of 10-UL 40 Series mortise cylinders & 10-UL 34 Series rim cylinders.

- SIZE #1 13-1210 SIZE #6 13-1215
- SIZE #2 13-1211 SIZE #7 13-1216
- SIZE #3 13-1212 SIZE #8 13-1217
- SIZE #4 13-1213 SIZE #9 13-1218
- SIZE #5 13-1214

Stainless spool driver 13-1223 used in all position 10-UL 40 Series and 10-UL 34 Series cylinders.

6300 & 10-6300 Large Format Interchangeable (Removable) Core Hollow Top Pins

Different top pins were used only in the 3rd and 4th positions of 6300, 10-6300 of factory keyed LFIC (Removable) Cores prior to Jan 2009. All other chambers use standard top pins.

<table>
<thead>
<tr>
<th>Size</th>
<th>Bottom Pins</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIZE #3 13-1229</td>
<td>SIZE #8 13-1238</td>
</tr>
<tr>
<td>SIZE #4 13-1234</td>
<td>SIZE #9 13-1239</td>
</tr>
<tr>
<td>SIZE #5 13-1235</td>
<td>SIZE #10 13-1240</td>
</tr>
<tr>
<td>SIZE #6 13-1236</td>
<td>SIZE #11 13-1761</td>
</tr>
<tr>
<td>SIZE #7 13-1237</td>
<td></td>
</tr>
</tbody>
</table>

Pins Supplied with Keying Kits

<table>
<thead>
<tr>
<th>Size</th>
<th>Bottom Pins</th>
<th>Master/Driver Pins</th>
<th>437C/437S</th>
<th>437RC/UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>13-0064</td>
<td>13-0051</td>
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Hollow Top Pins used in factory keyed cylinders prior to January 09

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1-800-727-5477 • www.sargentlock.com
Conventional, Signature and LFIC (Removable) Core Keying Kits and Depth Key Sets

Cylinders and Components

437C Conventional Keying Kit
Includes the brass pins, springs and tools needed to rekey SARGENT conventional, XC cylinders (Except SFIC) and interchangeable cores master keyed after January 2009. This heavy duty steel kit prevents pins from mixing. The kit includes 100 each of top springs 13-0265, 100 each 13-1769 springs used with standard drivers in the 10-6300 cores and 100 each of bottom and master/driver pins used in the following multi-family keyways: LA, RA, HA, CA, AA, BA, GA, KA, NA and VA.

Note: When re-pinning SARGENT 6300 Large Format Interchangeable (Removable) Core cylinders made before January 2009 they contained special hollow drivers, the 437RC/UL supplemental pinning kit is required

Tools included with kit are:
- Tweezers, 13-0498
- Bitting Gauge #435
- Loading Thimble ("Plug Holder" LT2)
- Loading Rod for 6, 8, 10, 11, mortise & rim cylinders, 13-1034
- Loading Rod for 480, 470, 460 and 6300 Cores, 13-1035
- Loading Rod Blades 13-1138 and 13-1037
- See Table on Page 13 for pins included

When pins are sold separately, they are packaged in easy to see and use foil & plastic packages in quantities of 100 per size.

437S Signature Keying Kit
Used to service SARGENT Signature cylinders. Includes all of the same components as the 437C plus:
- 100 Blocking Bar Springs, 13-0986
- 10 each Blocking Bars, 13-1109
- 1 each Field Service Tool, 13-3916

Note: When repinning 10-6300 Signature Large Format Interchangeable (Removable) Core cylinders made before January 2009 they contained special hollow drivers, the 437RC/UL supplemental pinning kit is required

The kit includes:

Each kit includes:
- 100 each hollow top pin springs, 13-0487
- 50 each cylinder retainers, 01-0660
- 50 each (hollow top pins). See Table on Page 13

10-34 and 10-40 Series Signature Pins
The 437 RC kit has extra room for optional hardened stainless steel bottom pins used when repinning SARGENT Signature UL437 Listed cylinders. These are ordered separately in quantities of 25. See Table on Page 13.

437RC/UL Large Format Interchangeable (Removable) Core Keying Kit
Use with the 437C or 437S kit. Includes additional pins to repin SARGENT 6300 and 10-6300 Large Format Interchangeable (Removable) Core cylinders that have been pinned using the hollow drivers.

The kit includes special hollow top driver pins and springs which were used in the 3rd and 4th chambers of master keyed cores prior to January 2009. These pins are in the same increments as standard pins.

Each kit includes:
- 100 each hollow top pin springs, 13-0487
- 50 each cylinder retainers, 01-0660
- 50 each (hollow top pins). See Table on Page 13

437BR Bump Resistant Re-Pinning Kit
The 437BR Kit to convert existing cylinders to bump resistant cylinders. Order as a 437BR Kit

(Side page 11 for additional information)

Depth Key Sets
Used for manual code key cutting. Each set includes 10 each SARGENT unwarded 6 pin keys. Each different key is cut with all the same bittings from 0 through 9. Order as “Depthkeys”.

Cylinder Spray Lubricant
3.0 oz aerosol pin number 18-0070
Cylinder Spray Cleaner/Deicer 3.0 OZ aerosol pin number 18-0435
## Key Blanks/Key Sections, Bitting Lists

### Cylinders and Components

<table>
<thead>
<tr>
<th>Key Blank</th>
<th>5 Pin</th>
<th>6 Pin</th>
<th>7 Pin</th>
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<tbody>
<tr>
<td><strong>265</strong></td>
<td>U</td>
<td>R</td>
<td>S</td>
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<td><strong>LD</strong></td>
<td>ULH</td>
<td>LHM</td>
<td>LDM</td>
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<td><strong>LHM</strong></td>
<td>LNM</td>
<td>LND</td>
<td>LNF</td>
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<td><strong>270</strong></td>
<td>6270</td>
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<tr>
<td><strong>CD</strong></td>
<td>CD</td>
<td>CH</td>
<td>CM</td>
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<td><strong>CN</strong></td>
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<td><strong>273</strong></td>
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<tr>
<td><strong>HA</strong></td>
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<td>LC</td>
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<td><strong>LC</strong></td>
<td>LE</td>
<td>LF</td>
<td>LG</td>
</tr>
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<td><strong>275</strong></td>
<td>S</td>
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<tr>
<td><strong>LA</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>LB</strong></td>
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<td><strong>LC</strong></td>
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<td><strong>278</strong></td>
<td>6278</td>
<td></td>
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</tr>
<tr>
<td><strong>CA</strong></td>
<td>CB</td>
<td>CE</td>
<td>CF</td>
</tr>
<tr>
<td><strong>CC</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### For Multiplex Masterkey Systems

For Multiplex Masterkey Systems

- **L** keyway family shown, others similar

### Multi Keyway Systems

- **L** – Stock Keyways
- **C** – Hotel Keyway (Furnished in Large Bow only)
- **H** – Contract Master Key Systems
- **R** – Contract Master Key Systems

### Single Keyway Sections

- **R** Section
- **S** Section
- **U** Section
- **CR** Section

### Restricted Keyways

- Restricted keyways are SARGENT (factory) controlled geographically to limit sales and prevent unauthorized key duplication.

For availability of restricted keyways and key sections, contact SARGENT Key Records Department.

Orders for restricted keyway systems, key blanks, and cylinders, require a letter of authorization from the system owner.

---

**BITTING LISTS**

Paper bitting lists provided at no charge for factory corresponding keyed orders when requested at time of hardware order. An owner’s letter of authorization must be attached to all purchase orders. Existing key system bitting lists also available contact key records for more information.

**SARGENT**

ASSA ABLOY, the global leader in door opening solutions
Visual Key Control and Tamper Proof Packaging
Cylinders and Components

Visual Key Control (Stamping)
To allow for easier key and cylinder identification, SARGENT offers the option for permanent stamping of keys and/or cylinder with industry standard alpha-numeric keyset symbols.

Non-visual key control stamped change (day) keys include bitting numbers as standard, (Item A) unless specified in keying order lead sheet submitted with order requesting to be omitted and key set substituted.

SFIC and Signature change keys are stamped with key set symbols as standard.

Master level keys do not include bitting numbers. Master level keys include system register numbers stamped on the first line, and the standard visual key control designations on the second line (Item B).

Up to 7 characters available for permanent stamping for Visual Key Control
- Key and cylinder identified by industry standard alpha-numeric keyset symbols
- Easy visual identification on the face of the plug (Item C or Item G or H) not available with XC, Signature or SFIC cylinders
- Concealed stamping on mortise and rim cylinders and bored lock cylinders available on the slide only (Item D or I)
- Cylinder-slide stamping available on 5100 and 6300 SARGENT Large Format Interchangeable (Removable) Cores, bored lock, mortise/rim cylinders (Item D, E & I)
- Core side engraving available for 7300B Series up to 7 characters (Item F)
- Special key stampings available, such as "DO NOT DUPLICATE" or "CITY OF PHOENIX"
- XC and Signature cylinders not available with visual plug stamping
- XC and Signature cylinders available with only concealed slide stamping (Item D, E and I) only
- Signature Large Format Interchangeable (Removable) Cores 10-6300 available with cylinder slide stamping (Item E, I D)

Note: SARGENT will stamp alternate identity codes on cylinders and/or keys whenever requested. This alternate stamping can not be different if both are to be stamped. Master Level Keys can also be stamped with a single alternate code.

Tamper Proof Packaging
For the highest level of security for the end user, Tamper Proof Packaging is used on all Master Keys, Signature key blanks and all restricted key blanks. This heat sealed shrink wrap identified with “SARGENT Sealed For Your Security” provides assurance of the integrity of the factory generated key system.
**Master Keying and Cylinder Terms**

Cylinders and Components

SARGENT requires all orders containing Master Keying details to be submitted using the industry standard D.H.I. ANSI/BHMA format. Key Symbols used on a master keyed order require combinations of letters and/or letters and numbers.

For complete details on proper structuring format of key symbols refer to:

D.H.I. Handbook Section 8 Finish Hardware KEYING SYSTEMS AND NOMENCLATURE or, ANSI/BHMA Standard A156.28, AMERICAN NATIONAL STANDARDS FOR KEYING SYSTEMS.

Or contact SARGENT for assistance.

### Basic Keying Terms

<table>
<thead>
<tr>
<th>Keys and terms</th>
<th>Abbreviation</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Change key</td>
<td>CK</td>
<td>Individual lock key</td>
</tr>
<tr>
<td>Masterkey</td>
<td>MK</td>
<td>Operates any given quantity of cylinders with different key changes</td>
</tr>
<tr>
<td>Grand Masterkey</td>
<td>GMK</td>
<td>Operates all individual locks already operated by masterkey(s)</td>
</tr>
<tr>
<td>Great Grand Masterkey</td>
<td>GGMK</td>
<td>Operates all locks under the various masterkey(s) and grand master key(s) already established</td>
</tr>
<tr>
<td>Emergency Key</td>
<td>EMK</td>
<td>Operates hotel locks having shut out feature which blocks entry by all other keys</td>
</tr>
<tr>
<td>Construction key</td>
<td>CMK</td>
<td>Operates all cylinders designated for a temporary period during construction</td>
</tr>
<tr>
<td>Control Key</td>
<td>CTL</td>
<td>Key to install or remove interchangeable or removable cores</td>
</tr>
<tr>
<td>Keyway</td>
<td>KWW</td>
<td>Broaching in a cylinder plug</td>
</tr>
<tr>
<td>Key section</td>
<td>KWW</td>
<td>Sidewarding on key to match broaching in plug</td>
</tr>
<tr>
<td>Single keyed</td>
<td>SKD</td>
<td>Cylinders operated by their change key only; not operated by any master key</td>
</tr>
</tbody>
</table>

### Cylinder Terms

ALOA* adopted terms

<table>
<thead>
<tr>
<th>Shell</th>
<th>Cylinder body, Cylinder shell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plug</td>
<td>Barrel, Cylinder barrel</td>
</tr>
<tr>
<td>Tail Piece</td>
<td>Connecting bar</td>
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<tr>
<td>Bottom Pins</td>
<td>Key pin, Ball end pins</td>
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<tr>
<td>Master Pins</td>
<td>Splits, Chips</td>
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<tr>
<td>Top Pins</td>
<td>Drivers</td>
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<tr>
<td>Change Key</td>
<td>Day key</td>
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<tr>
<td>Key Cut</td>
<td>Bit</td>
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</table>

* Associated Locksmiths of America

### Examples of Master Key System Levels and Symbol Structure**

**Level 2**

Simple Master Key

- Master Key  
  - Change Keys
    - AA
    - 1AA
    - 2AA
    - 3AA

**Level 3**

Grand Master Key A

- Master Key
  - AA
  - 1AA
  - AA2
  - 3AA

- Change Keys
  - AB
  - 1AB
  - 2AB
  - 3AB

**Level 4**

Great Grand Master Key GGM

- Master Key
  - AA
  - AA1
  - AA2
  - AA3

- Change Keys
  - AB
  - AB1
  - AB2
  - AB3

** Master key system levels greater than Level 4 are not recommended. Contact SARGENT Key Records for additional information**
Founded in the early 1800s, SARGENT® is a market leader in locksets, cylinders, door closers, exit devices, electro-mechanical products and access control systems for new construction, renovation, and replacement applications. The company’s customer base includes commercial construction, institutional, and industrial markets.