Hager Companies offers a wide range of Grade 1 and Grade 2 products to meet almost any application and specification requirements. Hager locks are manufactured to the highest quality standards and extensively tested to ANSI standards and BHMA certification requirements. In addition, all leversets comply with ADA requirements outlined in ANSI A117.1.

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Hager 2300 Series tubular lockset provides the necessary security and dependability for applications where there is a need for interior functions requiring a residential look and feel. It is well suited for light duty residential interior applications such as multi-family housing. It is offered in many of the popular designs that are seen throughout the industry today.
2300 SERIES - HOW TO ORDER

2310

2300 SERIES LOCKS HOW TO ORDER

Product Group
- Tubular, DECO

23/4” US15 US26D
Backset/Faceplate
Function
2-3/4” (70 mm)
2-3/8” (60 mm)
10 - Passage
17 - Single Dummy
27 - Double Dummy
40 - Privacy

Finish
Interior Finish
(lif different)
US3
US15
US10B
US26
US26D

Function No.
Function Description
ANSI No.
Non-Keyed

Passage
10
Latchbolt operated by lever from either side at all times.
-

Dummy - Single
17
Pull one side, no mechanical operation.
-

Dummy - Double
27
Pull both sides, no mechanical operation (back to back).
-

Privacy
40
Latchbolt operated by lever from either side. Outside lever is locked by push button and unlocked by emergency release outside or operating inside lever.
-

Lever Style
CHA - Charles Lever
*JHN - Johnston Lever
JOS - Joshua Lever
LOU - Louis Lever
*WRN - Warren Lever

Strike
ASA
TEE
FLRC and FULL
(Default)

Note:
Finishes other than US10B, US15, and US26D are subject to longer lead times.

* Handing required for Johnston and Warren levers when specifying single dummy function.
2300 SERIES - LEVER OPTIONS

CHARLES LEVER

JOHNSTON LEVER

JOSHUA LEVER

LOUIS LEVER

WARREN LEVER
WARRANTY | Five-year warranty
FEATURES | • ADA Compliant
         | • No exposed mounting screws
Lever Options: | Charles, Johnston, Joshua, Louis, and Warren
Options: | Split finish available

SPECIFICATIONS
Exposed Trim: | • Levers: Solid cast zinc (4.69” / 119 mm length)
             | • Rose: Stainless steel (2.5” / 63.5 mm diameter)
Door Thickness: | 1-3/8” - 1-3/4” (35 mm - 45 mm)
Rose Diameter: | 2-1/2” (63.5 mm)
Backset: | • 2-3/4” (70 mm) - Standard
         | • 2-3/8” (60 mm) - Optional
Latchbolt: | • 7/16” (11 mm) throw
          | • 1” x 2-1/4” (25 mm x 57 mm) faceplate
          | • Square and round corner faceplates come standard
Strike: | Square and round corner full lip strikes come standard
Door Handing: | Non-handed (except for Johnston and Warren, 17 Functions)
Functions: | 10 Passage, 17 Dummy, 27 Back to Back Dummy, 40 Privacy

### 2300 SERIES LATCHBOLTS

**2-639-7607**

2-3/4” Backset Passage Spring Latch
- Square and round corner standard
- 1” x 2-1/4” (25 mm x 57 mm) faceplate
- For use with passage function

**2-639-7608**

2-3/4” Backset Privacy Spring Latch
- Square and round corner standard
- 1” x 2-1/4” (25 mm x 57 mm) faceplate
- For use with privacy function

**2-639-7609**

2-3/8” Backset Passage Spring Latch
- Square and round corner standard
- 1” x 2-1/4” (25 mm x 57 mm) faceplate
- For use with passage function

**2-639-7610**

2-3/8” Backset Privacy Spring Latch
- Square and round corner standard
- 1” x 2-1/4” (25 mm x 57 mm) faceplate
- For use with privacy function

### 2300 SERIES ADDITIONAL STRIKES

**3933**

T-Strike with Plastic Dust Box
- 1-1/8” x 2-3/4” (29 mm x 70 mm)
- Dust box included

**3935**

Standard ASA Strike Plate
- 1-1/4” x 4-7/8” (32 mm x 124 mm)
- 1-5/16” lip
- Other lengths available upon request

**3959**

Faceplate Adapter
Converts 1” (25 mm) to 1-1/8” (28 mm) width
Hager 2500 Series Grade 2 lock is a perfect combination of value and performance and is the ideal choice of lock for typical commercial applications. The inherent value of this lock and the product offering make our 2500 Series lock a perfect choice for a stocking program. As an economical alternative to other Grade 2 cylindrical locks, it offers both dependability and affordability.
# 2500 SERIES - HOW TO ORDER

<table>
<thead>
<tr>
<th>2553</th>
<th>2-3/4”</th>
<th>US3</th>
<th>US26D</th>
<th>ARC</th>
<th>SCC</th>
<th>KD</th>
<th>ASA</th>
<th>TW</th>
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<tbody>
<tr>
<td>Product Group</td>
<td>25 - Cylindrical, Grade 2</td>
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<td>Function</td>
<td>10 - Passage</td>
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<td>17 - Single Dummy</td>
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<td>25 - Exit</td>
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<td>27 - Double Dummy</td>
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<td>40 - Privacy</td>
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<td>50 - Entry/Office</td>
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<td>70 - Classroom</td>
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<td>2-3/8” (60 mm), RC</td>
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<td>YAP - Yale E1R (Para)</td>
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<td>YGA - Yale GA</td>
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<td>WE - Weiser E</td>
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<td>NC - No cylinder (SFIC Housing Only)</td>
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<td>Keying</td>
<td>KA - Keyed Alike</td>
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<td>KD - Keyed Different</td>
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<td>MK - Master Key</td>
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<td>CMK - Construction Master Key</td>
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<td>SK - Customer Specified Keying</td>
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<td></td>
<td>0BC - “0” Bitted Cylinder (Conventional Only)</td>
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<td>1BC - “1” Bitted Cylinder (Conventional Only)</td>
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<tr>
<td>Strike</td>
<td>ASA (Standard)</td>
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<td>Full Lip</td>
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<td>RC Full Lip</td>
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<tr>
<td>Options</td>
<td>TW - Tactile Warning</td>
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<td>6PKEY - 6-pin Keyed</td>
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<td>7PKEY - 7-pin Keyed (Hager)</td>
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<td></td>
<td>Small Format Interchangeable Core Prep</td>
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<tr>
<td>Lever Style</td>
<td>ARC - Archer Lever</td>
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<td></td>
<td>WTN - Withnell Lever</td>
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<tr>
<td>Notes:</td>
<td>1. If masterkeyed, include completed master key form with order (available on page 88 or <a href="http://www.hagerco.com">www.hagerco.com</a>).</td>
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<td></td>
<td>2. For additional keying information, please refer to cylinder, core, and keying section of catalog (page 73).</td>
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</tbody>
</table>

* Small format interchangeable core sold separately. Available in Best Keyways (A Standard), or Hager Keyways (optional).  
* Ordering example: 2553 2-3/4” US26D WTN NC ASA SFIC
# 2500 SERIES - FUNCTION CHART

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Keyed</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Passage</td>
<td>10</td>
<td>Latchbolt operated by lever from either side at all times.</td>
<td>F75</td>
</tr>
<tr>
<td>Dummy - Single</td>
<td>17</td>
<td>Pull one side, no mechanical operation.</td>
<td>-</td>
</tr>
<tr>
<td>Exit</td>
<td>25</td>
<td>Blank plate outside (13/16&quot; [31 mm] projection). Inside lever is always unlocked.</td>
<td>F111</td>
</tr>
<tr>
<td>Dummy - Double</td>
<td>27</td>
<td>Pull both sides. No mechanical operation (back to back).</td>
<td>-</td>
</tr>
<tr>
<td>Privacy</td>
<td>40</td>
<td>Latchbolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside, operating inside lever or closing door.</td>
<td>F76A</td>
</tr>
<tr>
<td>Keyed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entry/Office</td>
<td>50</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked by push button on inside lever. When outside lever is locked, operating key in outside lever or operating inside lever unlocks push button or other locking device and retracts latchbolt. Closing door does not release push button.</td>
<td>F82A</td>
</tr>
<tr>
<td>Entry</td>
<td>53</td>
<td>Deadlocking latchbolt by lever either side, except when turn button inside locks outside lever. Pushing turn button in locks outside lever, requiring use of key outside to unlock. Turning inside lever unlocks outside lever. Pushing in and turning button locks outside lever, requiring key at all times. Turning inside lever does not unlock outside lever until button is manually turned to unlocked position. Inside lever always free.</td>
<td>F109</td>
</tr>
<tr>
<td>Classroom</td>
<td>70</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked from outside by key. When outside lever is locked, latchbolt is operated by inside lever.</td>
<td>F84</td>
</tr>
<tr>
<td>Storeroom</td>
<td>80</td>
<td>Deadlocking latchbolt operated by key in outside lever, or by operating inside lever. Outside lever is always locked. Inside lever is always unlocked.</td>
<td>F86</td>
</tr>
</tbody>
</table>
Optional tactile warning available on all lever styles (only outside lever will include raised surfaces unless otherwise specified).
FEATURES

- No exposed mounting screws
- Non-handed
- Conventional cylinder and small format interchangeable core option available

Applications:
- Standard duty commercial
- Standard door prep - 2-1/8” (54 mm) diameter (bore)
- Latch hole - 1” (25.4 mm) diameter (cross bore)

Certifications:
- Meets BHMA ANSI A156.2, Series 4000, Grade 2
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for all functions up to 3 hours “A” label single doors
- UL 10C Positive Pressure Related
- UL 10B Neutral Pressure Rated

Lever Options: Archer, Withnell levers

Options:
- Lead lined
- Tactile warning

SPECIFICATIONS

Exposed Trim: Wrought brass, bronze, and stainless steel
Lever is zinc based, plated to match BHMA symbols

Rose Diameter: 3-11/32” (85 mm)

Lock Chassis:
- Heavy gauge steel, zinc dichromated for corrosion resistance
- “Non-clutching” exterior lever on keyed functions
- Removable thru-bolts
- Failure to install thru-bolts and removable screw posts voids BHMA certification, UL rating, and warranty

Keys:
Two operating keys supplied per lock

Cylinders/Cores:
- Brass, keyed different, Schlage C keyway standard
- Cylinder drilled 6-pin, keyed 5-pin
- Other keying options, including keyed 6-pin, available from the factory (see cylinders, cores and keying sections)
- Zero bit cylinders will be 6 pin keyed – standard
- Small Format Interchangeable Core option available
- SFIC uncombinated or combinated, brass 6- or 7-pin cores sold separately

Door Thickness: 1-3/8” - 2” (35 mm - 51 mm)

Backset:
- 2-3/4” (70 mm) - Standard
- 2-3/8” (60 mm) - Optional

Latchbolt:
- 1/2” (13 mm) throw, stainless steel
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate for 2-3/4” (70 mm) backset
- 1” x 2-1/4” (25 mm x 57 mm) faceplate for 2-3/8” (60 mm) backset
- Deadlocking latchbolt prevents manipulation when door is closed; keyed functions and 25 function only

Strike:
- 3935 ASA 1-1/4” x 4-7/8” (32 mm x 124 mm) strike standard
- Optional strikes available

Functions:
- 10 Passage, 17 Dummy, 25 Exit Only, 27 Back to Back Dummy, 40 Privacy, 50 Entry/Office, 53 Entry, 70 Classroom, 80 Storeroom

Notes:
- Blank plate projection is 13/16” (21 mm) for function 25

FINISHES

2500 SERIES - LATCHBOLTS

Spring Latches

**3947**
2-3/4” (70 mm) Backset
Passage Spring Latch
- Square and round corner available
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

**3949**
2-3/8” (60 mm) Backset
Passage Spring Latch
- Square and round corner available
- 1” x 2-1/4” (25 mm x 57 mm) faceplate

**3965**
2-3/4” (70 mm) Backset
Privacy Spring Latch
- Square and round corner available
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

**3967**
2-3/8” (60 mm) Backset
Privacy Spring Latch
- Square and round corner available
- 1” x 2-1/4” (25 mm x 57 mm) faceplate

Dead Latches

**3948**
2-3/4” (70 mm) Backset
Dead Latch
- Square and round corner available
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

**3950**
2-3/8” (60 mm) Backset
Dead Latch
- Square and round corner available
- 1” x 2-1/4” (25 mm x 57 mm) faceplate

Optional Drive-In Spring Latches

**3922**
2-3/4” (70 mm) Backset
Passage Spring Latch

**3925**
2-3/8” (60 mm) Backset
Passage Spring Latch

**3923**
2-3/4” (70 mm) Backset
Privacy Spring Latch

**3926**
2-3/8” (60 mm) Backset
Privacy Spring Latch

Optional Drive-In Dead Latches

**3924**
2-3/4” (70 mm) Backset
Dead Latch

**3927**
2-3/8” (60 mm) Backset
Dead Latch

Backset Extension Links

**3917**
3-3/4” (95 mm) Backset Extension Link
For use with 2-3/8” (60 mm) backset latch to achieve 3-3/4” total backset

**3937**
5” (127 mm) Backset Extension Link
For use with 2-3/4” (70 mm) backset latch to achieve 5” total backset
2500 SERIES - STRIKES

3933
T-Strike with Plastic Dust Box
1-1/8” x 2-3/4” (29 mm x 70 mm)

3934
Full Lip Strike
1-5/8” x 2-1/4” (41 mm x 57 mm)

3935
ASA Strike Plate - Standard
- 1-1/4” x 4-7/8” (32 mm x 124 mm)
- 1-5/16” lip
- Other lengths available upon request

3958
Full Lip Strike with Round Corner
- 1-5/8” x 2-1/4” (41 mm x 57 mm)
- 1/4” (6 mm) radius

3959
Faceplate Adapter
Converts 1” (25 mm) to 1-1/8” (28 mm) width

2500 SERIES ACCESSORIES

3911
Thru-Bolt Jig
Hager 3100 Series Grade 1 deadlock is designed and engineered to withstand the most abusive environments. It is the perfect complement to Hager 3400 Series lockset for extra protection against break-in and is backed by a lifetime warranty.
3100 SERIES - HOW TO ORDER

3114  2-3/4”  US26D  US26  SCC  KD  ASA  6PKEY

Function
14 - Double Cylinder
15 - Single Cylinder
18 - Classroom

Product Group
31 - Deadlock, Grade 1

Keying
KA - Keyed Alike
KD - Keyed Different
MK - Master Key
CMK - Construction Master Key
SK - Customer Specified Keying
0BC - "0" Bitted Cylinder
1BC - "1" Bitted Cylinder

Options
6PKEY - 6-pin Keyed
7PKEY - 7-pin Keyed (Hager)
SFIC* - Small Format Interchangeable Core Housing (NC)

Conventional Keyway
SCC - Schlage C
AR1 - Arrow
C60 - Corbin 60
C67 - Corbin 67
C77 - Corbin 77
CL4 - Corbin L4
SCE - Schlage E
SCF - Schlage F
H1 - Hager 1
H2 - Hager 2
H3 - Hager 3
KW1 - Kwikset
RD1 - Russwin D1
SGT - Sargent LA
YAP - Yale E1R (Para)
YGA - Yale GA
WE - Weiser E
NC - No Cylinder

Strike
ASA Deadbolt
No Lip (Standard)

Notes:
1. If masterkeyed, include completed master key form with order (available on page 88 or www.hagerco.com).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog (page 73).

* Small format interchangeable core sold separately. Available in Best Keyways (A Standard), or Hager Keyways (optional).

Ordering example: 3114 2-3/4” US26D NC SFIC

3100 SERIES FUNCTION CHART

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Double Cylinder</td>
<td>14</td>
<td>Deadbolt thrown or retracted by key from either side. Bolt automatically deadlocks when fully thrown.</td>
<td>E2141</td>
</tr>
<tr>
<td>Cylinder x Thumbturn</td>
<td>15</td>
<td>Deadbolt thrown or retracted by key from outside or by inside thumbturn. Bolt automatically deadlocks when fully thrown.</td>
<td>E2151</td>
</tr>
<tr>
<td>Classroom</td>
<td>18</td>
<td>Deadbolt thrown or retracted by key outside. Inside thumbturn will retract bolt only. Bolt automatically deadlocks when fully thrown.</td>
<td>E2171</td>
</tr>
</tbody>
</table>
3100 SERIES - GRADE 1 DEADLOCK - AUXILIARY

WARRANTY
- Lifetime warranty

FEATURES
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core option available

Certifications:
- BHMA Certified ANSI A156.5 Grade 1
- ANSI A250.13 Severe Windstorm Resistant Component
- UL/cUL Listed for all functions up to 3 hours for "A" label single doors
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated
- ADA - Thumbturn

Options:
- Split finish
- Additional deadbolts and strikes available

SPECIFICATIONS

Standard Door
- Cylinder hole: 2-1/8” (54 mm) diameter (bore)
- Latch hole: 1” (25 mm) diameter (coss bore)

Exposed Trim: Wrought brass or bronze

Mechanism: Steel, zinc dichromate plating

Keys:
- Two operating keys supplied per lock

Cylinders/Cores:
- Brass - Keyed Different - Schlage C Keyway standard
- Cylinder drilled 6-pin, Keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from the factory (see Cylinder, Core and Keying section)
- Zero bit cylinders will be 6 pin keyed – standard
- Small Format Interchangeable Core option available
- SFIC uncombined or combined, brass 6- or 7-pin cores sold separately

Door Thickness:
- 1-3/4” - 2” (45 mm - 51 mm) - Standard
- 2” - 2-1/4” (57 mm) available for conventional cylinder
- Must specify

Backset:
- 2-3/4” (70 mm) - Standard
- 2-3/8” (60 mm) - Optional

Latchbolt:
- 1” (25 mm) Throw - Brass with concealed hardened steel roller to prevent sawing or cutting
- 1-1/8” x 2-1/4” (29 mm x 57 mm) Square Corner Faceplate

Strikes:
- 3930 Square Corner, 1-1/8” x 2-3/4” (29 mm x 70 mm) with dustbox - Standard
- 3929 ASA Deadbolt Strike - Optional

Functions:
- 14 Double Cylinder, 15 Cylinder x Thumbturn, 18 Classroom

FINISHES
3100 SERIES LATCHBOLTS

3940
2-3/4” (70 mm) Backset Latchbolt - Standard
- Square and round corner available
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate
- Round corner not available in US32/32D

3941
2-3/8” (60 mm) Backset Latchbolt - Optional
- Square and round corner available
- 1” x 2-1/4” (25 mm x 57 mm) faceplate
- Round corner not available in US32/32D

3100 SERIES STRIKES

3929
ASA Deadbolt Strike - Optional
1-1/4” x 4-7/8” (32 mm x 124 mm)

3930
Strike Plate - Standard
- 1-1/8” x 2-3/4” (29 mm x 70 mm)
- Dust box included
Hager 3200 Series Grade 2 deadlock provides a perfect combination of value and performance and is the ideal choice of lock for typical commercial applications. Our 3200 Series is an economical alternative to Grade 1 when Grade 1 is not required. It is a perfect complement to our 3500 Series for extra protection against break-in and is backed by a lifetime warranty.
## 3200 SERIES - HOW TO ORDER

### 3214 2-3/4" US26D US26 SCC KD ASA 6PKEY

#### Function
- **3200 SERIES FUNCTION CHART**
- **Note:** 3222 available for retrofit applications, converting a 3221 into a 3220.

<table>
<thead>
<tr>
<th>Function No.</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>Double Cylinder</td>
</tr>
<tr>
<td>15</td>
<td>Cylinder x Thumbturn</td>
</tr>
<tr>
<td>16</td>
<td>Thumbturn x Occupancy Indicator</td>
</tr>
<tr>
<td>20</td>
<td>Thumbturn w/ Blank Plate (no cylinder)</td>
</tr>
<tr>
<td>21</td>
<td>Thumbturn Only (no cylinder)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>E2142</td>
</tr>
<tr>
<td>E2152</td>
</tr>
<tr>
<td>E21112</td>
</tr>
<tr>
<td>E2192</td>
</tr>
</tbody>
</table>

#### Notes:
1. If masterkeyed, include completed master key form sheet with order (available on page 88 or www.hagerco.com).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog (page 73).
* Adjustable backset deadbolts supplied with 3220 and 3221.
** Small format interchangeable core sold separately. Available in Best Keyways (A Standard), or Hager Keyways (optional).

#### Options
- 6PKEY - 6-pin Keyed
- 7PKEY - 7-pin Keyed (Hager)
- Small Format Interchangeable Core Housing (NC)

#### Keying
- KA - Keyed Alike
- KD - Keyed Different
- MK - Master Key
- CMK - Construction Master Key
- SK - Customer Specified Keying
- 0BC - "0" Bitted Cylinder
- 1BC - "1" Bitted Cylinder

#### Interior Finish
- US3
- US4
- US10
- US10B
- US26D

#### Backset/Faceplate
- 2-3/4" (70 mm), SC (standard)
- 2-3/4" (70 mm), RC
- 2-3/8" (60 mm), SC
- 2-3/8" (60 mm), RC
- 2-3/8" - 2-3/4" Adjustable, SC*
- 2-3/8" - 2-3/4" Adjustable, RC*

#### Notation:
- US26 - Interior Finish (If Different)
- 6PKEY - 6-pin Keyed
- 7PKEY - 7-pin Keyed (Hager)
- SFIC** - Small Format Interchangeable Core Housing (NC)

---

**REV 3 - 1/2011**
3200 SERIES - GRADE 2 DEADLOCK - AUXILIARY

WARRANTY | Lifetime warranty

FEATURES | Non-handed
| Conventional cylinder or Small Format Interchangeable Core option available
Certifications: | • BHMA Certified ANSI A156.5 Grade 2
• ANSI A250.13 Severe Windstorm Resistant Component
• UL/cUL Listed for all functions up to 3 hours for "A" label single doors
• UL10C Positive Pressure Rated
• UL10B Neutral Pressure Rated
• ADA - Thumbturn
Options: | Split finish
| Additional deadbolts and strikes available

SPECIFICATIONS

Standard Door • Cylinder hole: 2-1/8" (54 mm) diameter (bore)
Prep: • Latch hole: 1" (25 mm) diameter (cross bore)
Exposed Trim: Wrought brass, bronze or stainless steel
Mechanism: Steel, zinc dichromate plating
Keys: Two operating keys supplied per lock
Cylinders/Cores: • Brass - Keyed Different - Schlage C Keyway standard
• Cylinder drilled 6-pin, Keyed 5-pin - Standard
• Other keying options, including keyed 6-pin, available from the factory (see Cylinder, Core and Keying section)
• Zero bit cylinders will be 6 pin keyed – standard
• Small Format Interchangeable Core option available
• SFIC uncombined or combined, brass 6- or 7-pin cores sold separately
Door Thickness: • 1-3/4" (45 mm) only - 3214 SFIC and 3216
• 1-3/8" - 1-3/4" (35 mm - 45 mm) - Standard
• 2" - 2-1/4" (51 mm - 57 mm) available for conventional cylinder only - Must specify
Backset: • 2-3/4" (70 mm) - Standard
• 2-3/8" (60 mm) - Optional
• 2-3/8" - 2-3/4" adjustable backset supplied with 3220 and 3221 (not available on 3214 or 3215)
Latchbolt: • 1" (25 mm) Throw - Brass with concealed hardened steel roller to prevent sawing or cutting
• 1-1/8" x 2-1/4" (29 mm x 57 mm) square corner faceplate
Strikes: • 3930 Square Corner, 1-1/8" x 2-3/4" (29 mm x 70 mm) with dustbox - Standard
• 3929 ASA Deadbolt Strike - Optional
Functions: 14 Double Cylinder, 15 Cylinder x Thumbturn, 16 Thumbturn x Occupancy Indicator, 20 Thumbturn w/ Blank Plate, 21 Thumbturn Only
Notes: 3222 retrofit kit available for use with 21 function

### 3200 SERIES LATCHBOLTS

#### 3940
2-3/4” (70 mm) Backset Latchbolt - Standard
- Square and round corner available
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate
- Round corner not available in US32D

#### 3941
2-3/8” (60 mm) Backset Latchbolt - Optional
- Square and round corner available
- 1” x 2-1/4” (25 mm x 57 mm) faceplate
- Round corner not available in US32D

#### 3942
2-3/8” (60 mm) - 2-3/4” (70 mm) Adjustable Backset Latchbolt - Standard for 3220 and 3221
- Square and round corner available
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate - Standard
- 1” x 2-1/4” (25 mm x 57 mm) faceplate - Optional
- Round corner not available in US32D

### 3200 SERIES STRIKES

#### 3929
ASA Deadbolt Strike - Optional
1-1/4” x 4-7/8” (32 mm x 124 mm)

#### 3930
Strike Plate - Standard
- 1-1/8” x 2-3/4” (29 mm x 70 mm)
- Dust box included
Hager’s 3300 Series Grade 3 tubular leverset is field reversible, with a thru-bolt design for ease of installation. This field reversible lock is designed with thru-bolts to make installation quick and simple. The 3300 Series is offered in four functions — Passage, Privacy, Entry, and Single Dummy — with four lever designs — Archer, August, Johnston and Withnell — to provide the perfect solution for suiting with other Grade 1 and Grade 2 products provided by Hager. Vertical markets that may benefit are assisted living facilities as well as multi-family.
### 3300 SERIES

<table>
<thead>
<tr>
<th>3353</th>
<th>ADJ</th>
<th>US26D</th>
<th>US26</th>
<th>AUG</th>
<th>SCC</th>
<th>KD</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FUNCTION</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>10 – Passage</td>
<td>17 – Single Dummy</td>
<td>40 – Privacy</td>
<td>53 - Entry</td>
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<tr>
<td><strong>BACKSET</strong></td>
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<tr>
<td>2-3/8” to 2-3/4” Adjustable</td>
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<tr>
<td>SQ and RD corner Faceplate Std</td>
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<tr>
<td><strong>PRODUCT GROUP</strong></td>
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<tr>
<td>33 – Tubular, Grade 3</td>
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<tr>
<td><strong>FINISH</strong></td>
<td><strong>INTERIOR FINISH</strong></td>
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<tr>
<td>US15</td>
<td>US26D</td>
<td>US26D</td>
<td>US26D</td>
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<tr>
<td><strong>LEVER STYLE</strong></td>
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<tr>
<td>ARC - Archer</td>
<td>AUG - August</td>
<td>*JHN - Johnston</td>
<td>WTN - Withnell</td>
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<tr>
<td><strong>KEYWAY</strong></td>
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<tr>
<td>SCC – Schlage C Only</td>
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<tr>
<td><strong>KEYING</strong></td>
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<tr>
<td>KD - Keyed Different Only</td>
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</tbody>
</table>

**Notes:**

1. All entry locks supplied keyed different. Any other keying is provided by others
2. US3 and US26 finish, as well as split finish, will be subject to extended lead times
3. 3317 Johnston lever is handed. All others are non-handed
# 3300 Series - Function Chart

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Keyed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passage*</td>
<td>10</td>
<td>Latchbolt operated by lever from either side at all times.</td>
</tr>
<tr>
<td>Dummy - Single</td>
<td>17</td>
<td>Pull one side, no mechanical operation.</td>
</tr>
<tr>
<td>Privacy</td>
<td>40</td>
<td>Latchbolt operated by lever from either side. Outside lever is locked and unlocked by turn button inside and can also be unlocked by emergency coin turn release outside. Closing door does not release turn button.</td>
</tr>
<tr>
<td>Keyed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entry / Office</td>
<td>53</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked by turn button on inside. When outside lever is locked, operating key in outside lever unlocks locking device. Closing door does not release turn button.</td>
</tr>
</tbody>
</table>

* Passage function meets ADA requirements
3300 SERIES - LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

JOHNSTON LEVER

WITHNELL LEVER
FEATURES

- Field reversible (exception of 3317 Johnston)
- Thru-bolt design for ease of installation
- Standard 4-way latch provides versatility for most retrofit applications

APPLICATIONS

- Multi-Family
- Assisted Living Facilities
- Hospitality

CERTIFICATIONS:

- Meets BHMA ANSI 156.2, Grade 3 test standards
- ADA compliant ANSI A117.1 Accessibility Code

LEVER OPTIONS:

- Archer, August, Johnston, Withnell

SPECIFICATIONS

Standard Door: 2-1/8" (54 mm) diameter (bore)
Prep: Latch hole: 1" (25 mm) diameter (cross bore)
Door Handing: Non-handed, except for the Johnston Single Dummy
Exposed Trim:
- Levers: Solid Cast Zinc
- Rose: Brass
Rose Diameter: 2-9/16" (65 mm)
Keys: (2) Cut keys provided with each entry lockset
Cylinders/Cores:
- Brass 5-pin Keyed Different - Schlage C keyway only
- Keying by others
Door Thickness: 1-3/8" - 1-3/4" (35 mm - 45 mm)
Backset:
- 1" x 2-1/4" (25mm x 57mm) Faceplate
- 2-3/8" to 2-3/4" (60mm to 70mm) adjustable
- 4-Way design (Square corner & Round corner faceplate provided)
Strikes:
- Round Corner Full Lip Standard
- Square Corner Full Lip and Tee Strike available separately
Functions: Passage, Privacy, Entry, Single Dummy
Packaging: Box packed
Warranty: One year

FINISHES

*Denotes finishes available with extended lead time
Hager 3400 Series Grade 1 lock is designed and engineered to withstand the most abusive environments. We’ve categorized it 'extra heavy duty' and you can rest assured that it has been tested against heavy use, impact, strength, resistance, and abuse. We're so confident in our 3400 Series lock, it’s backed by a lifetime warranty. The exceptional quality of our 3400 Series lock has made it incredibly successful in application after application across the country and around the globe.
### 3400 SERIES - HOW TO ORDER

#### Product Group

<table>
<thead>
<tr>
<th>3453 2-3/4” US26D</th>
<th>US26</th>
<th>WTN</th>
<th>SCC</th>
<th>KD</th>
<th>ASA</th>
<th>TW</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Function</strong></td>
<td></td>
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</tr>
<tr>
<td>10 - Passage</td>
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<tr>
<td>17 - Single Dummy</td>
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<tr>
<td>40 - Privacy</td>
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<tr>
<td>50 - Entry/Office</td>
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<tr>
<td>53 - Entry</td>
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<tr>
<td>70 - Classroom</td>
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<tr>
<td>73 - Corridor</td>
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<td>80 - Storeroom</td>
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<td>95 - Intruder</td>
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<td>US26</td>
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<td>US26D</td>
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<tr>
<td><strong>Conventional Keyway</strong></td>
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<tr>
<td>SCC - Schlage C</td>
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<tr>
<td>AR1 - Arrow</td>
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<tr>
<td>C60 - Corbin 60</td>
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<td>C67 - Corbin 67</td>
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<td>C77 - Corbin 77</td>
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<td>CL4 - Corbin L4</td>
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<td>SCE - Schlage E</td>
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<td>SCF - Schlage F</td>
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<td>H1 - Hager 1</td>
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<td>KW1 - Kwikset</td>
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<td>SGT - Sargent LA</td>
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<td>YAP - Yale E1R (Para)</td>
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<td>YGA - Yale GA</td>
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<tr>
<td>(SFIC Only)</td>
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<tr>
<td>LF - No Cylinder</td>
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<td>ASA (Standard)</td>
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<td>RC Full</td>
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<td>TW - Tactile Warning</td>
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<td>LL - Leadlined</td>
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<td>EL24 - Fail Safe 24 Volt</td>
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<td>EL12 - Fail Safe 12 Volt</td>
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<td>EU24 - Fail Secure 24 Volt</td>
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<td>EU12 - Fail Secure 12 Volt</td>
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<tr>
<td>RX - Request to Exit</td>
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<tr>
<td>ELRX24 - Fail Safe 24 Volt with Request to Exit</td>
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<tr>
<td>ELRX12 - Fail Safe 12 Volt with Request to Exit</td>
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<tr>
<td>EURX24 - Fail Secure 24 Volt with Request to Exit</td>
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<tr>
<td>EURX12 - Fail Secure 12 Volt with Request to Exit</td>
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<tr>
<td>6PKEY - 6-pin Keyed</td>
<td></td>
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</tr>
<tr>
<td>7PKEY - 7-pin Keyed (Hager Only)</td>
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</tr>
<tr>
<td>SFIC* - Small Format Interchangeable Core Prep</td>
<td></td>
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</tr>
<tr>
<td>LFIC** - Large Format Interchangeable Core Prep</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>ANTI - Antimicrobial Coating (26D only)</td>
<td></td>
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</tr>
</tbody>
</table>

#### Notes:
1. If masterkeyed, include completed master key form with order (available on page 88 or www.hagerco.com).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog (page 73).
3. Interchangeable construction core will be included with the lockset if "CIC" is specified in keying section. Customer must specify BLUE or RED color. BLACK is standard color for LFIC construction core.

* Small format interchangeable core sold separately. Available in Best Keyways (A Standard) or Hager Keyways (optional).
** Large format interchangeable core sold separately. Available in Schlage C Keyway only.

# 3400 Series - Function Chart

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Keyed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passage</td>
<td>10</td>
<td>Latchbolt operated by lever from either side at all times.</td>
<td>F75</td>
</tr>
<tr>
<td>Dummy - Single</td>
<td>17</td>
<td>Pull one side, no mechanical operation.</td>
<td>-</td>
</tr>
<tr>
<td>Privacy</td>
<td>40</td>
<td>Latchbolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside, operating inside lever or closing door.</td>
<td>F76A</td>
</tr>
<tr>
<td>Keyed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entry/Office</td>
<td>50</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked by push button on inside lever. When outside lever is locked, operating key in outside lever or operating inside lever unlocks push button. Closing door does not release push button.</td>
<td>F82A</td>
</tr>
<tr>
<td>Entry</td>
<td>53</td>
<td>Deadlocking latchbolt by lever either side, except when turn button inside locks outside lever. Pushing turn button in locks outside lever, requiring use of key outside to unlock. (Lever handle is freewheeling in locked position.) Turning inside lever unlocks outside lever. Pushing in and turning button locks outside lever, requiring key at all times. Turning inside lever does not unlock outside lever until button is manually turned to unlocked position. Inside lever always operates latchbolt.</td>
<td>F109</td>
</tr>
<tr>
<td>Classroom</td>
<td>70</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked from outside by key. When outside lever is locked, latchbolt is operated by inside lever.</td>
<td>F84</td>
</tr>
<tr>
<td>Corridor</td>
<td>73</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked by key in outside lever or by push button on inside. Key in outside lever locks or unlocks outside lever. Operating inside lever releases push button. Closing door releases push button. Inside lever always operates latchbolt.</td>
<td>F90</td>
</tr>
<tr>
<td>Storeroom</td>
<td>80</td>
<td>Deadlocking latchbolt operated by key in outside lever, or by operating inside lever. Outside lever is always locked. Inside lever is always unlocked.</td>
<td>F86</td>
</tr>
<tr>
<td>Intruder Classroom*</td>
<td>95</td>
<td>Deadlocking latchbolt operated by lever from either side. Key either inside or outside locks or unlocks outside lever. Inside lever always operates latchbolt.</td>
<td>F110</td>
</tr>
</tbody>
</table>

Notes: *Intruder Classroom includes locking direction indicator stamped on the inside rose standard.
3400 SERIES - LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

WITHNELL LEVER

Optional tactile warning available on all lever styles (only outside lever will include raised surfaces unless otherwise specified).
### FEATURES
- Heavy duty commercial, industrial, institutional
- No exposed mounting screws
- Non-handed
- Conventional cylinder, Small Format Interchangeable Core, and Large Format Interchangeable Core option available

### Certifications:
- BHMA Certified ANSI A156.2 Series 4000 Grade 1
- ADA Compliant ANSI A117.1 Accessibility Code
- ANSI A250.13 Severe Windstorm Resistant Component
- UL/cUL Listed for all functions up to 3 hours for “A” label doors
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated

### Lever Options:
- Archer, August, Withnell levers

### Options:
- Lead lined
- Tactile warning
- Antimicrobial coating (26D finish only)
- Split finish
- Additional latchbolts and strikes available

### SPECIFICATIONS

| Standard Door | 2-1/8” (54 mm) diameter (bore) |
| Prep: | Latch hole: 1” (25 mm) diameter (cross bore) |
| Exposed Trim: | Levers: Cast zinc | Rose: Wrought brass or stainless steel |
| Rose Diameter: | 3-17/32” (90 mm) levers |
| Lock Chassis: | Heavy gauge steel, zinc dichromated for corrosion resistance | Free wheeling | Thru-bolt mounting |
| Keys: | Two operating keys supplied per lock |
| Cylinders/Core: | Brass 6-pin, keyed different - Schlage C Keyway - Standard | Cylinder drilled 6-pin, Keyed 5-pin - Standard | Other keying options, including keyed 6-pin, available from factory (see cylinder, core and keying section) | Zero bit cylinders will be 6 pin keyed – standard | Small Format Interchangeable Core option available | SFIC uncombined or combined, brass 6- or 7-pin cores sold separately | Large Format Interchangeable Core option available - leversets only | LFIC zero bitted or combined, brass 6-pin cores sold separately - Schlage C only |
| Door Thickness: | 1-3/8” - 2” (35 mm - 51 mm) |
| Backset: | 2-3/4” (70 mm) - Standard | 2-3/8” (60 mm) - Optional | 3-3/4” (94 mm) - Optional | 5” (128 mm) - Optional |
| Latchbolt: | 1/2” (13 mm) throw, stainless steel | 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate | Square corner faceplates standard, round corner available | Deadlocking latchbolt prevents manipulation when door is closed; keyed functions only | 3/4” (18 mm) latch available |
| Strike: | 3935 ASA 1-1/4” x 4-7/8” (32 mm x 124 mm) strike - Standard |
| Functions: | 10 Passage, 17 Dummy, 40 Privacy, 50 Entry/Office, 53 Entry, 70 Classroom, 73 Corridor, 80 Storeroom, 95 Intruder Classroom |

### FINISHES
3400 SERIES - ELECTRIFIED - GRADE 1 CYLINDRICAL HEAVY DUTY

WARRANTY
- Lifetime warranty on mechanical locking components
- One-year warranty on electric components

FEATURES
- Deadlocking latchbolt
- Key override allows latchbolt to be momentarily retracted with the key even though electrically locked. Note that locks that are electrically unlocked may not be locked via the key cylinder.
- Inside lever always allows egress
- Interface with life-safety systems
- Motorized locking and unlocking allows for lower power consumption

Function: 80 - Storeroom

Applications:
- Provides remote locking and unlocking ideal for access control where added security is necessary
- Stairtower doors
- Office doors
- Classrooms
- Elevator lobby doors
- Computer rooms
- Hospital equipment rooms
- Pharmaceutical storage rooms

Voltage:
- 3880ELEU - 12-24V AC/DC (250mA MAX in rush and 10mA MAX holding)
- 3880RX - 125 VAC (3A) - 30VDC (2A)

FINISHES

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storeroom - Fail Safe/Fail Secure 12V/24V</td>
<td>3480ELEU</td>
<td>Outside lever continuously locked (EL) or unlocked (EU) by 12 or 24V. Latchbolt retracted by key outside or lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress.</td>
</tr>
<tr>
<td>Storeroom - Request to Exit</td>
<td>RX</td>
<td>Monitors inside lever rotation. Incorporates into fire alarm systems or in conjunction with an electromagnet. Available on 3480 or in conjunction with 3480ELEU.</td>
</tr>
</tbody>
</table>

Note: Quick connect option is available. Locks will have molex connector attached to allow rapid installation of locks when used with Hager harness cable. See price book for details.
3400 SERIES - POWER SUPPLIES

See power supply area within the Electrified Products section for more details on our full selection of power supplies. Hager 2903, 2908 and 2909 power supplies are designed to power locking devices. Their features include:

- UL Listed
- Filtered/regulated 24VDC
- Overload protection
- Over voltage protection
- Short circuit protection
- Surge suppression on Fail Safe and Fail Secure outputs
- Fire alarm input standard

2903 Power Supply Includes:
- 24VDC, 2Amp
- Automatically accepts 120 or 240VAC input
- Auxiliary 24VDC output for stand alone devices
- Switch 24VDC outputs for fail safe or fail secure locking hardware
- Surge suppression on Fail Safe and Fail Secure outputs

2908 Power Supply Includes:
- Field selectable 12VDC or 24VDC, 1Amp
- 115VAC standard (230VAC optional)
- Separate PTC protected charging for battery backup
- LED status indicator
- Modular design allows optional components to fit any application (see Electrified Catalog for a full list of components)

2909 Power Supply Includes:
- Field selectable 12VDC or 24VDC, 2Amp
- 115VAC standard (230VAC optional)
- Separate PTC protected charging for battery backup
- LED status indicator
- Modular design allows optional components to fit any application (see Electrified Catalog for a full list of components)

Hager Locking System
3400 SERIES - LATCHBOLTS

Spring Latches

3943
2-3/4” (70 mm) Backset
Passage Spring Latch - Standard
• Square and round corner available
• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

3945
2-3/8” (60 mm) Backset
Passage Spring Latch
• Square and round corner available
• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

3964
2-3/4” (70 mm) Backset
Privacy Spring Latch - Standard
• Square and round corner available
• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

3966
2-3/8” (60 mm) Backset
Privacy Spring Latch
• Square and round corner available
• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

Dead Latches

3932
2-3/4” (70 mm) Backset
Dead Latch
• 3/4” (18 mm) throw
• Square corner only
• For use on fire rated pairs of doors
• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

3944
2-3/4” (70 mm) Backset
Dead Latch - Standard
• Square and round corner available
• For use with all keyed functions other than corridor
• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

3946
2-3/8” (60 mm) Backset
Dead Latch
• Square and round corner available
• For use with all keyed functions other than corridor
• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

3992
2-3/8” (60 mm) Backset
Dead Latch - Corridor Function Only
• Square and round corner available
• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

3993
2-3/4” (70 mm) Backset
Dead Latch - Corridor Function Only
• Square and round corner available
• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

Backset Extension Links

3916
3-3/4” (95 mm) Backset Extension Link
Must use with 2-3/8” (60 mm) backset latch to achieve 3-3/4” total backset

3936
5” (127 mm) Backset Extension Link
Must use with 2-3/4” (70 mm) backset latch to achieve 5” total backset

Notes: All Grade 1 latchbolts supplied with 1-1/8” (29 mm) x 2-1/4” (57 mm) faceplates.
### 3400 SERIES - STRIKES

<table>
<thead>
<tr>
<th>Item</th>
<th>Product Description</th>
<th>Dimensions</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3933</td>
<td>T-Strike with Plastic Dust Box</td>
<td>1-1/8” x 2-3/4” (29 mm x 70 mm)</td>
<td>Dust box included</td>
</tr>
<tr>
<td>3934</td>
<td>Full Lip Strike</td>
<td>1-5/8” x 2-1/4” (41 mm x 57 mm)</td>
<td></td>
</tr>
</tbody>
</table>
| 3935 | Standard ASA Strike Plate | 1-1/4” x 4-7/8” (32 mm x 124 mm) | 1-5/16” lip  
Other lengths available upon request |
| 3958 | Full Lip Strike with Round Corner | 1-5/8” x 2-1/4” (41 mm x 57 mm) | 1/4” (6 mm) radius |

### 3400 SERIES ACCESSORIES

<table>
<thead>
<tr>
<th>Item</th>
<th>Product Description</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>3911</td>
<td>Thru-Bolt Jig</td>
<td>For lever set only</td>
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</tbody>
</table>
Hager’s 34K Series Grade 1 pushbutton standalone lockset is a battery operated leverset with mechanical key override. This ADA compliant lock offers 500 total access codes and provides a perfect solution for most retrofit applications. Applications include Assisted Living, Multi-Family, Retail, Office Buildings and Healthcare facilities.
**34K SERIES - HOW TO ORDER**

<table>
<thead>
<tr>
<th>34K1</th>
<th>2-3/4&quot;</th>
<th>US26D</th>
<th>WTN</th>
<th>SCC</th>
<th>KD</th>
<th>ASA</th>
<th>6PKEY</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

**FUNCTION**
- K1 - Keypad - Storeroom
- K2 - Keypad + Prox - Storeroom

**FINISH**
- US26D - Brushed Chrome
- US10B - Oil Rubbed Bronze

**CONVENTIONAL KEYWAY**
- SCC - Schlage C - Standard
- Others optional

**BACKSET/FACEPLATE**
- 2-3/4" (70mm), SC (Standard)
- 2-3/4" (70mm), RC

**LEVER STYLE**
- WTN - Withnell Lever (Standard)
- ARC - Archer Lever
- AUG - August Lever

**STRIKE**
- ASA - ASA Strike 1-5/16" Lip (Standard)
- TEE - Tee Strike

**KEYING**
- KA - Keyed Alike
- KD - Keyed Different (Standard)
- 0BC - "0" Bitted Cylinder
- 1BC - "1" Bitted Cylinder
- MK - Master Key
- CMK - Construction Master Keying
- NC - SFIC, No Core

**OPTIONS**
- 6PKEY - 6 Pin Keyed
- 7PKEY - 7 Pin Keyed
- SFIC - Small Format
- Interchangeable Core Housing (NC)
- TW - Tactile Warning

**PRODUCT GROUP**
- 34 - Cylindrical, Grade1

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**34K SERIES - LEVER OPTIONS**

**WITHNELL LEVER**

- Optional tactile warning available on all lever styles (only outside lever will include raised surfaces unless otherwise specified).
## FEATURES
- Mechanical key override
- Non-handed design
- Weatherproof design (-31 F to 151 F) with two gaskets supplied standard
- 34K2 model uses 26 bit 125kHz Wiegand HID proximity cards; 500 card users available
- Real time clock
- Quick passage mode available without being in programming mode
- Individual, group, or total lockout codes available
- Low battery alert
- Adjustable volume
- Audible Keystroke option
- (4) AA alkaline batteries provided, 30,000 cycle battery life
- 9V external power supported
- 500 total access codes available to be categorized as User, Service User, or Manager
- Relocking delay - Adjustable from 2 to 99 seconds
- Temporary keypad lockout (based on failed entry attempts)
- Tamper attempt alarm
- Audit trail (last 2,000 events) available with purchase of software kit

<table>
<thead>
<tr>
<th>Lever Options:</th>
<th>Archer, August, Withnell</th>
</tr>
</thead>
<tbody>
<tr>
<td>Options:</td>
<td>Tactile Warning available</td>
</tr>
<tr>
<td></td>
<td>Additional latchbolts and strikes available</td>
</tr>
</tbody>
</table>

## SPECIFICATIONS
- **Door Prep:** Standard ANSI A115 Prep, modified by adding (4) additional thru-bolt holes
- **Lock Chassis:** Heavy gauge steel, zinc dichromated for corrosion resistance
- Free-wheeling levers
- **Housing:** Cast zinc housing with keypad
- **Keys:** (2) operating keys supplied per lock
- **Door Thickness:** 1-3/8” (35mm) – 2” (51mm)
- **Backset:** 2-3/4” (70mm)
- **Latchbolt:** 1/2” (13mm) throw, stainless steel
  - 1-1/8” x 2-1/4” (29mm x 57mm) square faceplate - standard
  - 3/4” Anti-Friction latchbolt available for pairs of fire doors
- **Strike:**
  - 1-1/4” x 4-7/8” (32mm x 124mm) ASA Strike - standard
  - 1-1/8” x 2-1/4” (29mm x 57mm) Tee Strike - optional
- **Cylinders/Cores:**
  - Brass 6-Pin, keyed different - Schlage C keyway - Standard
  - Cylinder drilled 6-Pin, Keyed 5-Pin - Standard
  - Zero bit cylinders will be 6 pin keyed – standard
  - Small Format Interchangable Core option available
  - 6-Pin and 7-Pin SFIC cores sold separately
- **Operating System:**
  - Microsoft Windows (XP up to Windows 8)
  - Programming and data transfer can be done via laptop at the door

## WARRANTIES
- Two-year warranty on mechanical and electrical components
- One-year warranty on finish

## FINISHES
- US10B and US26D

## Certifications
- ANSI A156.02 Grade 1 Compliant
- ANSI A156.25 Compliant
- UL Listed up to 3 hours for “A” labeled door
- UL10C Positive Pressure Rated
- ADA Compliant
- FCC Compliant
**34K SERIES CYLINDRICAL LATCHBOLTS**

**3932**  
2-3/4" (70 mm) Backset  
Dead Latch  
- 3/4" (18 mm) throw  
- Square corner only  
- For use on fire rated pairs of doors  
- 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate

**3944**  
2-3/4" (70 mm) Backset  
Dead Latch - Standard  
- Square and round corner available  
- For use with all keyed functions other than corridor  
- 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate

**34K SERIES CYLINDRICAL STRIKES**

**3933**  
T-Strike with Plastic Dust Box  
- 1-1/8" x 2-1/4" (29 mm x 57 mm)  
- Dust box included

**3935**  
Standard ASA Strike Plate  
- 1-1/4" x 4-7/8" (32mm x 124mm)  
- 1-5/16" lip  
- Other lengths available upon request

**AUDIT TRAIL ACCESSORIES:**

2-639-6000  
34K1 Software Kit  
- Includes disc, USB cable, and programming manual

2-639-6001  
34K2 Software Kit  
- Includes disc, USB cable, prox card reader/enroller, and programming manual
Hager 3500 Series Grade 2 lock provides a perfect combination of value and performance and is the ideal choice of lock for typical commercial applications. It is an economical alternative to Grade 1 when Grade 1 is not required. Our 3500 Series lock offers superior dependability and is backed by a lifetime warranty.
# 3500 SERIES - HOW TO ORDER

## 3553 2-3/4” US26D US26 WTN SCC KD ASA TW

### Function
- **10** - Passage
- **17** - Single Dummy
- **25** - Exit
- **27** - Double Dummy
- **40** - Privacy
- **50** - Entry/Office
- **53** - Entry
- **70** - Classroom
- **73** - Corridor
- **79** - Keyed Communicating
- **80** - Storeroom

### Interior Finish (If Different)
- **US26** - Knob/Lever
- **US4**
- **US10**
- **US10B**
- **US26**
- **US26D**
- **US32D** - Knob Only

### Backset/Faceplate
- **2-3/4” (70 mm), SC (standard)**
- **2-3/4” (70 mm), RC**
- **2-3/4” (70 mm) Drive-In**
- **2-3/8” (60 mm), SC**
- **2-3/8” (60 mm), RC**
- **2-3/8” (60 mm) Drive-In**

### Product Group
- **35** - Cylindrical, Grade 2

### Conventional Keyway
- **SCC** - Schlage C
- **AR1** - Arrow
- **C60** - Corbin 60
- **C67** - Corbin 67
- **C77** - Corbin 77
- **CL4** - Corbin L4
- **SCE** - Schlage E
- **SCF** - Schlage F
- **H1** - Hager 1
- **H2** - Hager 2
- **H3** - Hager 3
- **KW1** - Kwikset
- **RD1** - Russwin D1
- **SGT** - Sargent LA
- **YAP** - Yale E1R (Para)
- **YGA** - Yale GA
- **WE** - Weiser E
- **NC** - No Cylinder

### Options
- **ASA (standard)**
- **TW** - Tactile Warning
- **6PKEY** - 6-pin Keyed
- **7PKEY**
- **SFIC** - Small Format Interchangeable Core Prep
- **ANTI** - Antimicrobial Coating (26D Only)

### Strike
- **ASA** (standard)
- **Full Lip**
- **RC Full Lip**
- **TEE**

### Lever Style
- **APL** - Apollo Knob
- **ARC** - Archer Lever
- **AUG** - August Lever
- **WTN** - Withnell Lever

### Keying
- **KA** - Keyed Alike
- **KD** - Keyed Different
- **MK** - Master Key
- **CMK** - Construction Master Key
- **SK** - Customer Specified Keying
- **0BC** - “0” Bitted Cylinder (Conventional Only)
- **1BC** - “1” Bitted Cylinder (Conventional Only)

### Notes:
1. If masterkeyed, include completed master key form with order (available on page 88 or www.hagerco.com).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog (page 73).

* Small format interchangeable core sold separately. Available in Best Keyways (A Standard) or Hager Keyways (optional).

**Ordering example:** 3553 2-3/4” US26D WTN NC ASA SFIC
## 3500 SERIES - FUNCTION CHART

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Keyed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passage</td>
<td>10</td>
<td>Latchbolt operated by lever from either side at all times.</td>
<td>F75</td>
</tr>
<tr>
<td>Dummy - Single</td>
<td>17</td>
<td>Pull one side, no mechanical operation (back to back).</td>
<td>-</td>
</tr>
<tr>
<td>Exit</td>
<td>25</td>
<td>Blank plate outside (13/16” [31 mm] projection). Inside lever always unlocked.</td>
<td>F111</td>
</tr>
<tr>
<td>Dummy - Double</td>
<td>27</td>
<td>Pull both sides. No mechanical operation (back to back).</td>
<td>-</td>
</tr>
<tr>
<td>Privacy</td>
<td>40</td>
<td>Latchbolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside, operating inside lever or closing door.</td>
<td>F76A</td>
</tr>
<tr>
<td>Keyed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entry/Office</td>
<td>50</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked by push button on inside lever. When outside lever is locked, operating key in outside lever or operating inside lever unlocks push button and retracts latchbolt. Closing door does not release push button.</td>
<td>F82A</td>
</tr>
<tr>
<td>Entry</td>
<td>53</td>
<td>Deadlocking latchbolt by lever either side, except when turn button inside locks outside lever. Pushing turn button in locks outside lever, requiring use of key outside to unlock (lever handle is freewheeling in locked position). Turning inside lever unlocks outside lever. Pushing in and turning button locks outside lever, requiring key at all times. Turning inside lever does not unlock outside lever until button is manually turned to unlocked position. Inside lever always operates latchbolt.</td>
<td>F109</td>
</tr>
<tr>
<td>Classroom</td>
<td>70</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked from outside by key. When outside lever is locked, latchbolt is operated by inside lever.</td>
<td>F84</td>
</tr>
</tbody>
</table>
# 3500 SERIES - FUNCTION CHART

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Keyed (continued)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corridor</td>
<td>73</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked by key in outside lever or by push button. Key in outside lever locks or unlocks outside lever. Operating inside lever releases push button. Closing door releases push button. Inside lever always operates latchbolt.</td>
<td>F90</td>
</tr>
<tr>
<td>Keyed Communicating</td>
<td>79</td>
<td>Deadlocking latchbolt by inside lever except when locked by key. Non-removable blank plate outside (13/16&quot; [31 mm] projection).</td>
<td>F113</td>
</tr>
<tr>
<td>Storeroom</td>
<td>80</td>
<td>Deadlocking latchbolt operated by key in outside lever, or by operating inside lever. Outside lever is always locked. Inside lever is always unlocked.</td>
<td>F86</td>
</tr>
</tbody>
</table>
3500 SERIES - LEVER OPTIONS

APOLLO KNOB

ARCHER LEVER

AUGUST LEVER

WITHNELL LEVER

Notes: Optional tactile warning available on all lever styles (only outside lever will include raised surfaces unless otherwise specified).
3500 SERIES - GRADE 2 CYLINDRICAL - STANDARD DUTY COMMERCIAL

WARRANTY
Lifetime warranty

FEATURES
- No exposed mounting screws
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core option available

Certifications:
- BHMA Certified ANSI A156.2 Series 4000 Grade 2
- ADA Compliant ANSI A117.1 Accessibility Code (levers only)
- ANSI A250.13 Severe Windstorm Resistant Component
- UL/cUL Listed for all functions up to 3 hours for “A” label single doors
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated

Lever Options: Apollo knob; Archer, August, Withnell levers

Options:
- Lead lined (leversets only)
- Tactile warning (levers only)
- Antimicrobial coating (26D finish only)
- Split finish
- Additional latchbolts and strikes available

SPECIFICATIONS
Standard Door
- 2-1/8” (54 mm) diameter (bore)
- Latch hole: 1” (25 mm) diameter (cross bore)

Exposed Trim:
- Knobs: Wrought brass or stainless steel
- Levers: Cast zinc
- Rose: Wrought brass or stainless steel

Rose Diameter:
- 3-11/32” (85 mm) levers; 3” (76 mm) knobs

Lock Chassis:
- Heavy gauge steel, zinc dichromated for corrosion resistance
- Free wheeling (levers only)
- Removable thru-bolts (Note: Failure to install thru-bolts and removable screw posts voids BHMA certification, UL rating and warranty)

Keys:
Two operating keys supplied per lock

Cylinders/Cores:
- Brass - keyed different - Schlage C Keyway - Standard
- Cylinder drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from factory (see cylinder, core and keying section)
- Zero bit cylinders will be 6 pin keyed – standard

- Small Format Interchangeable Core option available
- SFIC uncombined or combined, brass 6- or 7-pin cores sold separately

Door Thickness:
- Knobs: 1-3/8” - 1-3/4” (35 mm - 45 mm)
- Levers: 1-3/8” - 2” (35 mm - 51 mm)

Backset:
- 2-3/4” (70 mm) - Standard
- 2-3/8” (60 mm) - Optional
- 3-3/4” (94 mm) - Optional
- 5” (128 mm) - Optional

Latchbolt:
- 1/2” (13 mm) throw, stainless steel
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate for 2-3/4” (70 mm) backset
- 1” x 2-1/4” (29 mm x 57 mm) faceplate for 2-3/8” (60 mm) backset
- Deadlocking latchbolt prevents manipulation when door is closed; keyed functions and 25 function only
- Square corner faceplate standard, round corner available

Strike:
3935 ASA 1-1/4” x 4-7/8” (32 mm x 124 mm) strike - Standard

Functions:
10 Passage, 17 Dummy, 25 Exit (only), 27 Back to Back Dummy (levers only), 40 Privacy, 50 Entry/Office, 53 Entry, 70 Classroom, 73 Corridor (levers only), 79 Keyed Communicating, 80 Storeroom
(Notes: Blank plate projection is 13/16” for functions 25 and 79)

FINISHES
- US3, US32D (knobs only)

2016 www.hagerco.com
3500 SERIES - LATCHBOLTS

Spring Latches

3947
2-3/4” (70 mm) Backset
Passage Spring Latch
- Square and round corner available
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

3949
2-3/8” (60 mm) Backset
Passage Spring Latch
- Square and round corner available
- 1” x 2-1/4” (25 mm x 57 mm) faceplate

3965
2-3/4” (70 mm) Backset
Privacy Spring Latch
- Square and round corner available
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate

3967
2-3/8” (60 mm) Backset
Privacy Spring Latch
- Square and round corner available
- 1” x 2-1/4” (25 mm x 57 mm) faceplate

Dead Latches

3948
2-3/4” (70 mm) Backset
Dead Latch
- Square and round corner available
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate
- For use with all keyed functions other than corridor

3950
2-3/8” (60 mm) Backset
Dead Latch
- Square and round corner available
- 1” x 2-1/4” (25 mm x 57 mm) faceplate
- For use with all keyed functions other than corridor

Optional Drive-In Spring Latches

3922
2-3/4” (70 mm) Backset
Passage Spring Latch

3925
2-3/8” (60 mm) Backset
Passage Spring Latch

Optional Drive-In Dead Latches

3924
2-3/4” (70 mm) Backset
Dead Latch
- For use with all keyed functions other than corridor

3927
2-3/8” (60 mm) Backset
Dead Latch
- For use with all keyed functions other than corridor

3996
2-3/8” (60 mm) Backset
Dead Latch - Corridor Function Only

3997
2-3/4” (70 mm) Backset
Dead Latch - Corridor Function Only
## 3500 Series Accessories

<table>
<thead>
<tr>
<th>Backset Extension Links</th>
<th>3500 Series Strikes</th>
</tr>
</thead>
</table>
| **3917** | **3933**  
3-3/4” (95 mm) Backset Extension Link  
Must use with 2-3/8” (60 mm) backset latch to achieve 3-3/4” total backset | T-Strike with Plastic Dust Box  
• 1-1/8” x 2-3/4” (29 mm x 70 mm)  
• Dust box included |

| **3937** | **3934**  
5” (127 mm) Backset Extension Link  
Must use with 2-3/4” (70 mm) backset latch to achieve 5” total backset | Full Lip Strike  
1-5/8” x 2-1/4” (41 mm x 57 mm) |

|  
**3958**  
Full Lip Strike with Round Corner  
• 1-5/8” x 2-1/4” (41 mm x 57 mm)  
• 1/4” (6 mm) radius | **3935**  
Standard ASA Strike Plate  
• 1-1/4” x 4-7/8” (32 mm x 124 mm)  
• 1-5/16” lip  
• Other lengths available upon request |

| **3959** | **3912**  
Faceplate Adapter  
Converts 1” (25 mm) to 1-1/8” (28 mm) width | Thru-Bolt Jig  
For 3500 Series lever set only |
Hager 3600 Series Grade 2 tubular lockset provides the necessary security and dependability of a commercial lock with a more residential look. It is well suited for medium duty commercial or heavy duty residential applications such as multi-family housing.
# 3600 Series - How to Order

## 3653 ADJ US3 US26 ARC SCC KD ASA TW

### Function
- 10 - Passage
- 17 - Single Dummy
- 40 - Privacy
- 53 - Entry/Office
- 70 - Classroom
- 80 - Storeroom

### Finish
- Interior Finish
- US3
- US4
- US10
- US10B
- US26
- US26D

### Conventional Keyway
- SCC - Schlage C
- AR1 - Arrow
- C60 - Corbin 60
- C67 - Corbin 67
- C77 - Corbin 77
- CL4 - Corbin L4
- SCE - Schlage E
- SCF - Schlage F
- H1 - Hager 1
- H2 - Hager 2
- H3 - Hager 3
- K1 - Kwikset
- RD1 - Russwin D1
- SGT - Sargent LA
- YAP - Yale E1R (Para)
- YGA - Yale GA
- WE - Weiser E
- NC - No Cylinder

### Backset/Faceplate
- 2-3/8" (60 mm) - 2-3/4" (70 mm), SC Adjustable (standard)
- 2-3/8" (60 mm) - 2-3/4" (70 mm), RC Adjustable

### Interior Finish (If Different)
- US3
- US4
- US10
- US10B
- US26
- US26D

### Conventional Keyway
- SCC - Schlage C
- AR1 - Arrow
- C60 - Corbin 60
- C67 - Corbin 67
- C77 - Corbin 77
- CL4 - Corbin L4
- SCE - Schlage E
- SCF - Schlage F
- H1 - Hager 1
- H2 - Hager 2
- H3 - Hager 3
- K1 - Kwikset
- RD1 - Russwin D1
- SGT - Sargent LA
- YAP - Yale E1R (Para)
- YGA - Yale GA
- WE - Weiser E
- NC - No Cylinder

### Strike
- ASA (Standard)
- Full Lip
- RC Full Lip
- TEE

### Options
- TW - Tactile Warning
- 6PKEY - 6-pin Keyed
- 7PKEY - 7-pin Keyed
- SFIC* - Small Format Interchangeable Core Prep

### Lever Style
- ARC - Archer Lever
- AUG - August Lever
- WTN - Withnell Lever

### Notes:
1. If masterkeyed, include completed master key form with order (available on page 88 or www.hagerco.com).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog (page 73).

* Small format interchangeable core sold separately. Available in Best Keyways (A Standard) or Hager Keyways (optional).

**Ordering example:** 3653 ADJ 2-3/8” to 2-3/4” US26D WTN NC ASA SFIC
### 3600 SERIES - FUNCTION CHART

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Keyed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passage</td>
<td>10</td>
<td>Latchbolt operated by lever from either side at all times.</td>
<td>F75</td>
</tr>
<tr>
<td>Dummy - Single</td>
<td>17</td>
<td>Pull one side, no mechanical operation.</td>
<td>-</td>
</tr>
<tr>
<td>Privacy</td>
<td>40</td>
<td>Latchbolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside or operating inside lever.</td>
<td>F76B</td>
</tr>
<tr>
<td>Keyed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entry/Office</td>
<td>53</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked by push button on inside. When outside lever is locked, operating key in outside lever unlocks locking device. Locking device shall automatically release when inside lever is operated. Closing door does not release push button.</td>
<td>F82A</td>
</tr>
<tr>
<td>Classroom</td>
<td>70</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is locked from outside by key. When outside lever is locked, latchbolt is operated by inside lever.</td>
<td>F84</td>
</tr>
<tr>
<td>Storeroom</td>
<td>80</td>
<td>Outside lever locked at all times unless unlocked temporarily by key. Inside lever is always unlocked.</td>
<td>F86</td>
</tr>
</tbody>
</table>
3600 SERIES - LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

WITHNELL LEVER

Notes: Optional tactile warning available on all lever styles (only outside lever will include raised surfaces unless otherwise specified).
3600 SERIES - GRADE 2 TUBULAR

WARRANTY
Five-year warranty

FEATURES
- Heavy duty residential - medium duty commercial
- No exposed mounting screws
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core option available

Certifications:
- BHMA Certified ANSI A156.2 Series 4000 Grade 2
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for all functions up to 3 hours for "A" label single doors
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated

Lever Options: Archer, August, Withnell levers

Options:
- Tactile warning
- Split finish

SPECIFICATIONS
Standard Door Prep:
- 2-1/8" (54 mm) diameter (bore)
- Latch hole: 1" (25 mm) diameter (cross bore)

Exposed Trim:
- Levers: Cast zinc
- Rose: Wrought brass

Rose Diameter: 2-15/16" (75 mm)

Lock Chassis: Heavy gauge steel, zinc dichromated

Keys:
- Two operating keys supplied per lock

Cylinders/Cores:
- Brass - keyed different - Schlage C Keyway - Standard
- Cylinder drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from factory (see cylinder, core and keying section)
- Zero bit cylinders will be 6 pin keyed – standard
- Small Format Interchangeable Core option available
- SFIC uncombined or combined, brass 6- or 7-pin cores sold separately

Door Thickness: 1-3/8" - 1-3/4" (35 mm - 45 mm)

Backset:
- Adjustable 2-3/8" - 2-3/4" (60 mm - 70 mm)
- Preset at factory for 2-3/8" (60 mm)

Latchbolt:
- 1/2" (13 mm) throw, stainless steel
- 1" x 2-1/4" (25 mm x 57 mm) faceplate
- Square corner faceplate standard, round corner available
- Deadlocking latchbolt prevents manipulation when door is closed; keyed functions only

Strike: 3935 ASA 1-1/4" x 4-7/8" (32 mm x 124 mm) strike - Standard

Functions: 10 Passage, 17 Dummy, 40 Privacy, 53 Entry, 70 Classroom, 80 Storeroom

FINISHES
### 3600 SERIES LATCHBOLTS

#### Adjustable Backset Spring Latches

<table>
<thead>
<tr>
<th>Model</th>
<th>Backset Range</th>
<th>Backset</th>
<th>Spring Latch</th>
<th>Corner Options</th>
<th>Faceplate</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>3951</td>
<td>2-3/8” (60 mm) - 2-3/4” (70 mm)</td>
<td>Adjustable</td>
<td>Standard</td>
<td>Square</td>
<td>1” x 2-1/4” (25 mm x 57 mm)</td>
<td>For use with Passage/Privacy functions</td>
</tr>
<tr>
<td>3953</td>
<td>2-3/8” (60 mm) - 2-3/4” (70 mm)</td>
<td>Adjustable</td>
<td>Spring Latch</td>
<td>Round</td>
<td>1” x 2-1/4” (25 mm x 57 mm)</td>
<td>For use with Passage/Privacy functions</td>
</tr>
</tbody>
</table>

#### Optional Drive-In Latchbolts

<table>
<thead>
<tr>
<th>Model</th>
<th>Backset Range</th>
<th>Backset</th>
<th>Spring Latch</th>
<th>Corner Options</th>
<th>Faceplate</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>3914</td>
<td>2-3/8” (60 mm) - 2-3/4” (70 mm)</td>
<td>Adjustable</td>
<td>Spring Latch</td>
<td>Standard</td>
<td>For use with Passage/Privacy functions</td>
<td></td>
</tr>
<tr>
<td>3915</td>
<td>2-3/8” (60 mm) - 2-3/4” (70 mm)</td>
<td>Adjustable</td>
<td>Dead Latch</td>
<td>Standard</td>
<td>For use with all keyed functions</td>
<td></td>
</tr>
</tbody>
</table>

#### 3600 SERIES STRIKES

<table>
<thead>
<tr>
<th>Model</th>
<th>Backset Range</th>
<th>Corner Options</th>
<th>Faceplate</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>3939</td>
<td>5” (127 mm)</td>
<td>Square and round</td>
<td>1” x 2-1/4” (25 mm x 57 mm)</td>
<td>For use with all keyed functions</td>
</tr>
<tr>
<td>3933</td>
<td>5” (127 mm)</td>
<td>Square and round</td>
<td>1-1/8” x 2-3/4” (29 mm x 70 mm)</td>
<td>T-Strike with Plastic Dust Box</td>
</tr>
<tr>
<td>3934</td>
<td>5” (127 mm)</td>
<td>Square and round</td>
<td>1-5/8” x 2-1/4” (41 mm x 57 mm)</td>
<td>Full Lip Strike</td>
</tr>
<tr>
<td>3935</td>
<td>5” (127 mm)</td>
<td>Square and round</td>
<td>1-1/4” x 4-7/8” (32 mm x 124 mm)</td>
<td>ASA Strike - Standard</td>
</tr>
<tr>
<td>3958</td>
<td>5” (127 mm)</td>
<td>Square and round</td>
<td>1-5/8” x 2-1/4” (41 mm x 57 mm)</td>
<td>Full Lip Strike with Round Corner</td>
</tr>
<tr>
<td>3959</td>
<td>5” (127 mm)</td>
<td>Square and round</td>
<td>Converts 1” (25 mm) to 1-1/8” (28 mm)</td>
<td>Faceplate Adapter</td>
</tr>
</tbody>
</table>

#### 5” Backset Dead Latches

<table>
<thead>
<tr>
<th>Model</th>
<th>Backset Range</th>
<th>Backset</th>
<th>Dead Latch</th>
<th>Corner Options</th>
<th>Faceplate</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>3952</td>
<td>2-3/8” (60 mm) - 2-3/4” (70 mm)</td>
<td>Adjustable</td>
<td>Dead Latch - Standard</td>
<td>Square</td>
<td>1” x 2-1/4” (25 mm x 57 mm)</td>
<td>For use with all keyed functions</td>
</tr>
<tr>
<td>3954</td>
<td>2-3/8” (60 mm) - 2-3/4” (70 mm)</td>
<td>Adjustable</td>
<td>Dead Latch</td>
<td>Round</td>
<td>1” x 2-1/4” (25 mm x 57 mm)</td>
<td>For use with all keyed functions</td>
</tr>
<tr>
<td>3938</td>
<td>5” (127 mm)</td>
<td>Square and round</td>
<td>Dead Latch</td>
<td>Square</td>
<td>1” x 2-1/4” (25 mm x 57 mm)</td>
<td>For use with all keyed functions</td>
</tr>
</tbody>
</table>
Hager 3700 Series Grade 2 interconnected lock is a perfect match for residential or commercial applications such as apartment buildings and assisted living facilities. These versatile locks provide a single action for retracting the latchbolt and deadbolt simultaneously for panic-free egress. They are supplied with an optional exterior escutcheon plate standard and are backed by a lifetime warranty.
### 3700 SERIES - HOW TO ORDER

**3710 2-3/4” US3 US26 ARC SCC KD TEE TW**

#### Function
- **Function**
  - 10 - Entry/Single Locking
  - 53 - Entry/Double Locking

#### Finish
- **Interior Finish**
  - US3
  - US4
  - US10
  - US10B
  - US26
  - US26D

#### Conventional Keyway
- **SCC** - Schlage C
- **AR1** - Arrow
- **AR60** - Corbin 60
- **AR67** - Corbin 67
- **AR77** - Corbin 77
- **CL4** - Corbin L4
- **SCE** - Schlage E
- **SCF** - Schlage F
- **H1** - Hager 1
- **H2** - Hager 2
- **H3** - Hager 3
- **KW1** - Kwikset
- **RD1** - Russwin D1
- **SGT** - Sargent LA
- **YAP** - Yale E1R (Para)
- **YGA** - Yale GA
- **WE** - Weiser E
- **NC** - No Cylinder (SFIC Housing Only)

**Notes:**
1. If masterkeyed, include completed master key form with order (available on page 88 or www.hagerco.com).
2. For additional keying information, please refer to Cylinder, Core & Keying section of catalog (page 73).

* Small format interchangeable core sold separately. Available in Best Keyways (A Standard) or Hager Keyways (optional).

**Ordering example:** 3753 2-3/4” US26D WTN NC TEE SFIC

### 3700 SERIES FUNCTION CHART

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interconnected</td>
<td>Interconnected Single Locking Entry</td>
<td>10</td>
<td>Deadbolt thrown or retracted by key outside or by inside thumbturn. Bolt automatically deadlocks when fully thrown. Latchbolt retracted by lever from either side. Inside lever retracts deadbolt and latchbolt simultaneously for immediate exit.</td>
</tr>
<tr>
<td>Interconnected</td>
<td>Interconnected Double Locking Entry</td>
<td>53</td>
<td>Deadbolt thrown or retracted by key outside or by inside thumbturn. Bolt automatically deadlocks when fully thrown. Deadlatch retracted by key outside when locked by pushing turnbutton on inside lever. Outside lever may be fixed in locked position by rotating turnbutton. Inside lever retracts deadbolt and deadlatch simultaneously for immediate exit.</td>
</tr>
</tbody>
</table>
3700 SERIES - LEVER OPTIONS

ARCHER LEVER

August Lever

WITHNELL LEVER

INSIDE ESCUTCHEON

OPTIONAL OUTSIDE ESCUTCHEON
# 3700 SERIES - GRADE 2 INTERCONNECTED - MEDIUM DUTY COMMERCIAL

## FEATURES
- **Cylindrical chassis**
- **Non-handed**
- Conventional cylinder or Small Format Interchangeable Core option available

## Certifications:
- BHMA Certified ANSI A156.12 Grade 2
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for all functions up to 3 hours for "A" label single doors
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated

## Lever Options:
- Archer, August, Withnell levers

## Options:
- Split finish
- Split lever design

## SPECIFICATIONS
### Standard Door
- 4” (102 mm) center of deadbolt to center of lock chassis
- 2-1/8” (54 mm) diameter (bore)

### Prep:
- Latch hole: 1” (25 mm) diameter (cross bore)

### Exposed Trim:
- Wrought brass or bronze, cast zinc lever

### Rose Diameter:
- 2-1/2” (63 mm)

### Lock Chassis:
- Heavy gauge steel, zinc dichromated
- Thru-bolt mounting
- "Non-clutching" exterior lever

### Outside Escutcheon:
- 3-5/16” x 7-15/16” x 3/8” (84 mm x 202 mm x 10 mm)

### Inside Escutcheon:
- 3-1/16” x 7-15/16” x 1/8” (78 mm x 202 mm x 3 mm)

### Keys:
- Two operating keys supplied per lock

### Cylinders/Cores:
- Brass - keyed different - Schlage C Keyway - Standard
- Cylinder drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from the factory (see cylinder, cores and keying section)
- Zero bit cylinders will be 6 pin keyed – standard
- Small Format Interchangeable Core option available
- SFIC uncombined or combinuted, brass 6- or 7-pin cores sold separately

### Door Thickness:
- 1-3/8” - 1-3/4” (35 mm - 45 mm) - Standard
- 2” (52 mm) doors - Optional

### Backsets:
- 2-3/4” (70 mm) - Standard
- 2-3/8” (60 mm) - Optional

### Latchbolt:
- 1/2” (13 mm) Throw - stainless steel
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate for 2-3/4” (70 mm) backset
- 1” x 2-1/4” (25 mm x 57 mm) faceplate for 2-3/8” (60 mm) backset
- Deadlocking latchbolt prevents manipulation when door is closed; keyed functions only
- Square corner faceplate standard, round corner available

### Deadbolt:
- 1” (25 mm) Throw - brass with concealed steel roller to prevent sawing or cutting
- 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate for 2-3/4” (70 mm) bracket
- 1” x 2-1/4” (25 mm x 57 mm) faceplate for 2-3/8” (60 mm) faceplate

### Strikes:
- 3933 square corner t-strike with plastic dust box, 1-1/8” x 2-3/4” (29 mm x 70 mm) - Standard
- 3930 square corner strike plate with dust box, 1-1/8” x 2-3/4” (29 mm x 70 mm) - Standard

### Functions:
- 10 Single Locking Entry
- 53 Double Locking Entry

## FINISHES

## WARRANTY
- Lifetime warranty
<table>
<thead>
<tr>
<th><strong>3700 SERIES - LATCHBOLTS</strong></th>
<th><strong>3700 SERIES STRIKES</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Spring Latches</strong></td>
<td></td>
</tr>
<tr>
<td>3947 2-3/4” (70 mm) Backset</td>
<td>3930 Strike Plate</td>
</tr>
<tr>
<td>Passage Spring Latch</td>
<td>1-1/8” x 2-3/4” (29 mm x 70 mm)</td>
</tr>
<tr>
<td>• Square and round corner available</td>
<td></td>
</tr>
<tr>
<td>• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate</td>
<td></td>
</tr>
<tr>
<td>3949 2-3/8” (60 mm) Backset</td>
<td>3933 T-Strike with Plastic Dust Box</td>
</tr>
<tr>
<td>Passage Spring Latch</td>
<td>1-1/8” x 2-3/4” (29 mm x 70 mm)</td>
</tr>
<tr>
<td>• Square and round corner available</td>
<td></td>
</tr>
<tr>
<td>• 1” x 2-1/4” (25 mm x 57 mm) faceplate</td>
<td></td>
</tr>
<tr>
<td><strong>Dead Latches</strong></td>
<td></td>
</tr>
<tr>
<td>3948 2-3/4” (70 mm) Backset</td>
<td>3950 Round Corner Full Lip Strike</td>
</tr>
<tr>
<td>Dead Latch - Standard</td>
<td>• 1-5/8” x 2-1/4” (41 mm x 57 mm)</td>
</tr>
<tr>
<td>• Square and round corner available</td>
<td>• 1/4” (6 mm) radius</td>
</tr>
<tr>
<td>• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate</td>
<td></td>
</tr>
<tr>
<td>3950 2-3/8” (60 mm) Backset</td>
<td>3959 Faceplate Adapter</td>
</tr>
<tr>
<td>Dead Latch</td>
<td>Converts 1” (25 mm) to 1-1/8” (28 mm) width</td>
</tr>
<tr>
<td>• Square and round corner available</td>
<td></td>
</tr>
<tr>
<td>• 1” x 2-1/4” (25 mm x 57 mm) faceplate</td>
<td></td>
</tr>
<tr>
<td><strong>3700 SERIES DEADBOLTS</strong></td>
<td></td>
</tr>
<tr>
<td>3920 2-3/4” (70 mm) Backset</td>
<td></td>
</tr>
<tr>
<td>Tapered Deadbolt - Standard</td>
<td></td>
</tr>
<tr>
<td>• Square and round corner available</td>
<td></td>
</tr>
<tr>
<td>• 1-1/8” x 2-1/4” (29 mm x 57 mm) faceplate</td>
<td></td>
</tr>
<tr>
<td>3921 2-3/8” (60 mm) Backset</td>
<td></td>
</tr>
<tr>
<td>Tapered Deadbolt</td>
<td></td>
</tr>
<tr>
<td>• Square and round corner available</td>
<td></td>
</tr>
<tr>
<td>• 1” x 2-1/4” (25 mm x 57 mm) faceplate</td>
<td></td>
</tr>
</tbody>
</table>
3800 Series

Hager 3800 Series mortise lock provides maximum security and durability for the harshest environments. With field reversible handing, ease of installation, and both escutcheon and sectional models available, our 3800 Series lock provides great flexibility. What’s more, it is ANSI certified Grade 1 Operational and Security and is backed by a lifetime warranty.
### 3800 Series - Escutcheon & Sectional Mortise Locks - How to Order

#### 3853 ESC US3 US26 ARC Full6 SCC KD 0 0 0 TW

**Trim**
- ESC - Escutcheon
- SECT - Sectional

**Interior Finish**
- US3
- US4
- US10
- US10B
- US15
- US26
- US26D
- US32D

**Lever Style**
- ARC - Archer
- AUG - August
- CHA - Charles
- JHN - Johnston (Handed)
- JOS - Joshua
- LOU - Louis
- WRN - Warren (Handed)
- WLM - William
- WTN - Withnell

**Conventional Keyway**
- SCC - Schlage C
- AR1 - Arrow
- C60 - Corbin 60
- C67 - Corbin 67
- C77 - Corbin 77
- CL4 - Corbin L4
- SCE - Schlage E
- SCF - Schlage F
- H1 - Hager 1
- H2 - Hager 2
- H3 - Hager 3
- KW1 - Kwikset
- RD1 - Russwin D1
- YAP - Yale E1R (Para)
- YGA - Yale GA
- WE - Weiser E
- 0 - No Core

**Door Thickness**
- 0 - 1-3/4" Door
- DR1G - 1-3/8" Door
- DR20 - 2" Door
- DR2D - 2-1/4" Door
- DR25 - 2-1/2" Door

**Options**
- TW - Tactile Warning
- LL - Leadlined
- LH - Left Hand
- LHR - Left Hand Reverse
- RH - Right Hand
- RHR - Right Hand Reverse
- T - Torx Screws
- WSR - Windstorm Rated

**Keying**
- KA - Keyed Alike
- KD - Keyed Different
- MK - Master Key
- CMK - Construction Master Key
- SK - Customer Specified Keying
- 0BC - "0" Bitted Cylinder
- 1BC - "1" Bitted Cylinder
- NC - Less SFIC Core
- LF - Less LFIC Core

**Armored Front**
- Square Corner 1-1/4"
- RCAF - Round Corner 1-1/4"
- NAF - Narrow 1-1/16"

**Strike**
- 0 - Standard (ASA) (1-7/32" Lip)
- EL15 - Extended (1-1/2" Lip)
- FLP - Flat (7/8" Lip)
- FL1C - Flat (1-3/16" Lip)
- RCS - Round Corner (1-3/16" Lip)
- RCEL15 - Round Corner (1-1/2" Lip)

**Cylinder**
- Full - Full Face Cylinder
- ICFull6* - IC Full Face Cylinder 6-Pin Housing
- ICFull7* - IC Full Face Cylinder 7-Pin Housing
- 000 - Less Mortise Cylinder

**Product Group**
- 38 - Mortise Lock, Grade 1

**Notes:**
- Finishes other than US10B, US15, US26D, and US32D will be subject to extended lead times.
- If masterkeyed, include completed master key form with order (available on page 88 or www.hagerco.com).
- For additional keying information, refer to cylinder, core, and keying section of catalog (page 73).
- Quick Connect option available on 3800 Series Electrified Sectional and Escutcheon models (EL, EU, RX, DPM, and LM).

**Ordering Example:**
- 3850 ESC 26D WTN ICFULL6 NC
- 3850 ESC 26D WTN ICFULL6 LF

* Small format interchangeable core sold separately. Available in Best Keyways (A Standard), Hager Keyways (optional).
* Large format interchangeable core sold separately. Available in Schlage C Keyway only.
3860 SECT US3 US26 Full6 SCC KD 0 0 0 LL

Trim
SECT - Sectional

Interior Finish
(If different)

Finish
US3*
US4*
US10*
US10B*
US26*
US26D

Function
30 - Small Case Deadbolt/Cylinder x Thumbturn
31 - Small Case Deadbolt/Door Bolt
32 - Small Case Deadbolt/Double Cylinder
33 - Small Case Deadbolt/Classroom (Handed)
34 - Small Case Deadbolt/Only
35 - Sliding Door/Cylinder x Thumbturn
36 - Sliding Door/Double Cylinder
37 - Sliding Door/Double Cylinder
38 - Sliding Door/Thumbturn Only
39 - Sliding Door/Thumbturn w/Emergency Key
60 - Deadbolt/Cylinder x Thumbturn
62 - Deadbolt/Double Cylinder
63 - Deadbolt/Classroom (Handed)
64 - Deadbolt/Cylinder

Product Group
38 - Mortise Lock, Grade 1

Conventional Keyway
SCC - Schlage C
AR1 - Arrow
C60 - Corbin 60
C67 - Corbin 67
C77 - Corbin 77
CL4 - Corbin L4
SCE - Schlage E
SCF - Schlage F
H1 - Hager 1
H2 - Hager 2
H3 - Hager 3
KW1 - Kwikset
RD1 - Russwin D1
SGT - Sargent LA
YAP - Yale EIR (Para)
YGA - Yale GA
WE - Weiser E
0 - No Core

Cylinder
Full - Full face cylinder 6-pin
ICFull6* - IC full face cylinder 6-pin housing
ICFull7* - IC full face cylinder 7-pin housing
000 - Less mortise cylinder

Keying
KA - Keyed Alike
KD - Keyed Different
MK - Master Key
CMK - Construction Master Key
SK - Customer Specified Keying
0BC - "0" Bitted Cylinder
1BC - "1" Bitted Cylinder
NC - Less SFIC Core
LF - Less LFIC Core

Door Thickness
0 - 1-3/4" door
DR1G - 1-3/8" door
DR20 - 2" door
DR2D - 2-1/4" door
DR25 - 2-1/2" door

Options
LL - Leadlined

Strike
NLS - No Lip (standard with deadbolts)

Armor Front
0 - Square Corner 1-1/4"

Notes:
• Finishes other than US26D may require extended lead times.
• If masterkeyed, include completed master key form with order (available on page 88 or www.hagerco.com).
• For additional keying information, refer to cylinder, core, and keying section of catalog (page 73).

* Small format interchangeable core sold separately. Available in Best Keyways (A standard), or Hager Keyways (optional).
* Large format interchangeable core sold separately. Available in Schlage C Keyway only.

Ordering example:
• 3860 SECT 26D ICFULL6 NC
• 3860 SECT 26D ICFULL6 LF

2016
www.hagerco.com

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<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Keyed Without Deadbolt</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Office</td>
<td>50</td>
<td>Latchbolt retracted by lever from either side unless outside is made inoperative by key outside or by turning inside thumbturn. When outside is locked, latchbolt is retracted by lever inside. Outside lever remains locked until thumbturn is returned to vertical or unlocked by key. Auxiliary latch deadlocks latchbolt when door is closed.</td>
<td>F04</td>
</tr>
<tr>
<td>Apartment Entrance</td>
<td>61</td>
<td>Latchbolt retracted by lever from either side unless outside is locked by key from inside. When locked, latchbolt retracted by key outside or lever inside. Auxiliary latch deadlocks when door is closed.</td>
<td>F09</td>
</tr>
<tr>
<td>Classroom</td>
<td>70</td>
<td>Latchbolt retracted by lever from either side unless outside is locked by key. Unlocked from outside by key. Inside lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed.</td>
<td>F05</td>
</tr>
<tr>
<td>Storeroom</td>
<td>80</td>
<td>Latchbolt retracted by key outside or by lever inside. Outside lever always inoperative. Inside lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed.</td>
<td>F07</td>
</tr>
<tr>
<td>Institution</td>
<td>82</td>
<td>Latchbolt retracted by key from either side. Lever on both sides always inoperative. Auxiliary latch deadlocks latchbolt when door is closed.</td>
<td>F30</td>
</tr>
<tr>
<td><strong>Keyed With Deadbolt</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entry</td>
<td>53</td>
<td>Latchbolt retracted by lever from either side unless outside is locked by 20° rotation of thumbturn. Deadbolt thrown or retracted by 90° rotation of thumbturn. When locked, key outside or lever inside retracts deadbolt and latchbolt simultaneously. Outside lever remains locked until thumbturn is restored to vertical position. Throwing deadbolt automatically locks outside lever. Auxiliary latch deadlocks latchbolt when door is closed.</td>
<td>F20</td>
</tr>
<tr>
<td>Corridor</td>
<td>56</td>
<td>Latchbolt retracted by lever from either side. Deadbolt thrown or retracted by key outside or thumbturn side. Throwing deadbolt locks outside lever. Turning inside lever simultaneously retracts deadbolt and latchbolt and unlocks the outside lever.</td>
<td>F13</td>
</tr>
<tr>
<td>Intruder Classroom w/ Deadbolt</td>
<td>57</td>
<td>Latchbolt retracted by lever from either side. Deadbolt thrown or retracted by key from either side. Throwing deadbolt locks outside lever. Turning inside lever simultaneously retracts deadbolt and latchbolt and unlocks the outside lever.</td>
<td>F33</td>
</tr>
<tr>
<td>Storeroom w/ Deadbolt</td>
<td>81</td>
<td>Latchbolt retracted by key outside or by lever inside. Outside lever always fixed. Deadbolt thrown or retracted by key outside or thumbturn inside. Turning inside lever simultaneously retracts deadbolt and latchbolt. Auxiliary latch deadlocks latchbolt when door is closed.</td>
<td></td>
</tr>
<tr>
<td><strong>Non-Keyed Without Deadbolt</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Passage</td>
<td>10</td>
<td>Latchbolt retracted by lever from either side at all times.</td>
<td>F01</td>
</tr>
<tr>
<td>Privacy</td>
<td>40</td>
<td>Latchbolt retracted by lever from either side unless outside is locked by inside thumbturn. Turning inside lever or closing door unlocks outside lever. To unlock from outside, remove emergency button, insert emergency turn (furnished) in access hole and rotate.</td>
<td>F22</td>
</tr>
<tr>
<td>Privacy with Cointurn</td>
<td>44</td>
<td>Latchbolt retracted by lever from either side unless outside is locked by inside thumbturn or outside cointurn. Operating inside lever, closing door, rotating inside thumbturn, or rotating outside cointurn unlocks outside lever.</td>
<td></td>
</tr>
</tbody>
</table>
## 3800 SERIES - ESCUTCHEON AND SECTIONAL LOCK FUNCTION CHART

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Privacy with Indicator</td>
<td>96</td>
<td>Latchbolt retracted by lever from either side. Turning inside thumbturn locks outside lever and displays “Occupied.” Operating inside lever, closing door, rotating inside thumbturn. To unlock from outside, remove emergency button, insert emergency turn (furnished) in access hole and rotate.</td>
<td>-</td>
</tr>
</tbody>
</table>

### Non-Keyed Dummy

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Dummy</td>
<td>17</td>
<td>Pull one side. No mechanical operation.</td>
<td>-</td>
</tr>
<tr>
<td>Double Dummy</td>
<td>27</td>
<td>Pull both sides. No mechanical operation (back to back).</td>
<td>-</td>
</tr>
</tbody>
</table>

### 3800 SERIES DEADLOCK FUNCTION CHART

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cylinder x Thumbturn (Small Case)</td>
<td>30</td>
<td>Deadbolt operated by key from outside and by thumbturn from inside.</td>
<td>E06071</td>
</tr>
<tr>
<td>Door Bolt (Small Case)</td>
<td>31</td>
<td>Deadbolt operated by thumbturn from one side only. No trim on other side.</td>
<td>E06181</td>
</tr>
<tr>
<td>Double Cylinder (Small Case)</td>
<td>32</td>
<td>Deadbolt operated by key from either side.</td>
<td>E06061</td>
</tr>
<tr>
<td>Classroom (Small Case)</td>
<td>33</td>
<td>Deadbolt operated by key from outside. Cylinder turn from inside retracts but does not project deadbolt.</td>
<td>E06091</td>
</tr>
<tr>
<td>Cylinder Only (Small Case)</td>
<td>34</td>
<td>Deadbolt operated by key from one side only.</td>
<td>E06081</td>
</tr>
<tr>
<td>Cylinder x Thumbturn (Sliding Door)</td>
<td>35</td>
<td>Deadbolt operated by key from outside and by thumbturn from inside.</td>
<td>-</td>
</tr>
<tr>
<td>Cylinder Only (Sliding Door)</td>
<td>36</td>
<td>Deadbolt operated by key from one side only.</td>
<td>-</td>
</tr>
<tr>
<td>Double Cylinder (Sliding Door)</td>
<td>37</td>
<td>Deadbolt operated by key from either side.</td>
<td>-</td>
</tr>
<tr>
<td>Thumbturn Only (Sliding Door)</td>
<td>38</td>
<td>Deadbolt operated by thumbturn from one side only.</td>
<td>-</td>
</tr>
<tr>
<td>Thumbturn w/ Emergency Key (Sliding Door)</td>
<td>39</td>
<td>Deadbolt operated by thumbturn from inside. To unlock from outside, remove emergency button, insert emergency key (furnished) in access hole and rotate.</td>
<td>-</td>
</tr>
<tr>
<td>Function</td>
<td>Function No.</td>
<td>Function Description</td>
<td>ANSI No.</td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Cylinder x Thumbturn</td>
<td>60</td>
<td>Deadbolt thrown or retracted by key outside or thumbturn inside.</td>
<td>F17</td>
</tr>
<tr>
<td>(Full Case)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Double Cylinder</td>
<td>62</td>
<td>Deadbolt operated by key from either side.</td>
<td>F16</td>
</tr>
<tr>
<td>(Full Case)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Classroom</td>
<td>63</td>
<td>Deadbolt thrown or retracted by key from outside. Inside thumbturn cylinder retracts</td>
<td>F29</td>
</tr>
<tr>
<td>(Full Case)</td>
<td></td>
<td>deadbolt but cannot project it.</td>
<td></td>
</tr>
<tr>
<td>Cylinder</td>
<td>64</td>
<td>Deadbolt thrown or retracted by key from one side. No trim on opposite side.</td>
<td>F18</td>
</tr>
<tr>
<td>(Full Case)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3800 SERIES - ESCUTCHEON - STANDARD LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

WILLIAM LEVER

WITHNELL LEVER

Optional tactile warning available on all lever styles (only outside lever will include raised surfaces unless otherwise specified).
3800 SERIES - ESCUTCHEON - DECORATIVE LEVER OPTIONS

CHARLES LEVER

JOHNSTON LEVER

JOSHUA LEVER

LOUIS LEVER

WARREN LEVER

WEIGHT: 1.19

WEIGHT: 1.62

WEIGHT: 1.53

WEIGHT: 1.23

WEIGHT: 1.26
Optional tactile warning available on all lever styles (only outside lever will include raised surfaces unless otherwise specified).
# 3800 SERIES - GRADE 1 MORTISE (ESCUTCHEON) - HEAVY DUTY

**WARRANTY**
- Lifetime warranty

**FEATURES**
- Heavy duty commercial, industrial, institutional
- Concealed thru-bolts
- Lock body handing is field reversible (default from the factory is Left Hand Reverse)
- Conventional mortise cylinder, Small Format Interchangeable Core, or Large Format Interchangeable Core option available
- BHMA Certified Grade 1 Security with standard mortise cylinder

**Certifications:**
- BHMA Certified ANSI A156.13 Grade 1 Series 1000 Operational and Security
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for all functions up to 3 hours for "A" label doors
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated
- A250.13 Severe Windstorm Resistant (only available in 53 and 81 Functions)

**Lever Options:**
- Archer, August, Charles, Johnston (handed), Joshua, Louis, Warren (handed), William, Withnell levers

**Options:**
- Tactile warning
- Lead lining
- Split finish
- Factory handing available if specified

## SPECIFICATIONS

**Standard Door**
- 3-5/8” (92 mm) center of cylinder to spindle
- 2-7/16” (62 mm) center of thumbturn to spindle

**Exposed Trim:**
- Cast zinc - Standard

**Lock Case:**
- 4-5/16” x 6” x 1” (110 mm x 152 mm x 25 mm)

**Armor Front:**
- 1-1/4” x 8” x 7/32” (32mm x 203mm x 5mm) - Square corner standard, round corner optional

**Escutcheon:**
- 1-15/16” x 8” (50 mm x 203 mm)

**Keys:**
- Two operating keys supplied per lock

**Cylinders/Cores:**
- Brass - keyed different - Schlage C Keyway
- Cylinder drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from factory
- Zero bit cylinders will be 6 pin keyed – standard
- Large Format Interchangeable Core cylinder option available
- LFIC core available zero bitted or combined, brass 6- pin cores sold separately
- Small Format Interchangeable Core cylinder option available
- SFIC uncombined or combined, brass 6- or 7-pin cores sold separately
- Schlage “L” cam - Standard
- For function 61, ext cylinders, use standard cam

**Door Thickness:**
- 1-3/4” - 2-1/2” (45 mm - 64 mm)
- Privacy functions have a max door thickness of 2” (51 mm)
- Must specify door thickness if greater than 1-3/4” (45 mm)

**Backset:**
- 2-3/4” (70 mm) only

**Latchbolt:**
- 3/4” (19 mm) throw with anti-friction tongue, all stainless steel

**Deadbolt:**
- 1” (25 mm) throw - stainless steel

**Strike:**
- 3985 1-1/4” x 4-7/8” (32 mm x 124 mm), 1-7/32” (31 mm) lip - Standard

**Fasteners:**
- Thru-bolted trim concealed under escutcheon

**Functions:**
- 10 Passage, 17 Dummy, 27 Double Dummy, 40 Privacy, 44 Privacy with Cointurn, 50 Office, 53 Entry, 56 Corridor, 57 Intruder Classroom with Deadbolt, 61 Apartment, 70 Classroom, 80 Storeroom, 81 Storeroom with Deadbolt, 82 Institution, 96 Privacy with Indicator

**Notes:**
- Self-adjusting case for beveled doors or square edge doors
- Stopworks are incorporated in thumbturn
- Non-handed, stainless steel, deadlocking latchbolt

## FINISHES
- US3, US4, US10 and US26 may be subject to extended lead times
3800 SERIES - GRADE 1 MORTISE (SECTIONAL) - HEAVY DUTY

WARRANTY
Lifetime warranty

FEATURES
- Heavy duty commercial, industrial, institutional
- Concealed thru-bolts
- Lock body handing is field reversible (default from the factory is Left Handed Reverse)
- Conventional mortise cylinder, Small Format Interchangeable Core, or Large Format Interchangeable Core option available
- BHMA Certified Grade 1 Security with standard mortise cylinder

Certifications:
- BHMA Certified ANSI A156.13 Series 1000 Grade 1 Operational and Security
- ADA Compliant ANSI A117.1 Accessibility Code
- A250.13 Severe Windstorm Resistant (only available in 53 and 81 Functions)

Lever Options: Archer, August, Charles, Johnston (handed), Joshua, Louis, Warren (handed), William, Withnell levers

Options:
- Tactile warning
- Lead lining
- Split finish
- Factory handing available if specified

SPECIFICATIONS
Standard Door
- 3-5/8” (92 mm) center of cylinder to spindle
- 2-7/16” (62 mm) center of thumbturn to spindle

Exposed Trim:
- Cast zinc - Standard

Lock Case:
- 4-5/16” x 6” x 1” (110 mm x 152 mm x 25 mm)

Armor Front:
- 1-1/4” x 8” x 7/32” (32 mm x 203 mm x 5 mm) - Square corner standard, round corner optional

Rose Diameter:
- 2-7/16” (62 mm)

Keys:
- Two operating keys supplied per lock

Cylinders/Cores:
- Brass - keyed different - Schlage C Keyway
- Cylinder drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from factory
- Large Format Interchangeable Core cylinder option available
- LFIC core available zero bitted or combinated, brass 6-pin cores sold separately
- Small Format Interchangeable Core cylinder option available
- SFIC uncombined or combinated, brass 6- or 7-pin cores sold separately
- Schlage “L” Cam - Standard
- For Function 61, Ext Cylinders, use Standard Cam

Door Thickness:
- 1-3/4” - 2-1/2” (45 mm - 64 mm)
- Privacy functions have a max door thickness of 2” (51 mm)
- Must specify door thickness if greater than 1-3/4” (45 mm)

Backset:
- 2-3/4” (70 mm) only

Latchbolt:
- 3/4” (19 mm) throw with anti-friction tongue, all stainless steel

Deadbolt:
- 1” (25 mm) throw - stainless steel

Strike:
- 3985 1-1/4” x 4-7/8” (32 mm x 124 mm), 1-7/32” (31 mm) lip - standard

Fasteners:
- Thru-bolted trim concealed under rose

Functions:
- 10 Passage, 17 Dummy, 27 Double Dummy, 40 Privacy, 44 Privacy with Cointurn, 50 Office, 53 Entry, 56 Corridor, 57 Intruder Classroom with Deadbolt, 61 Apartment, 70 Classroom, 80 Storeroom, 81 Storeroom with Deadbolt, 82 Institution, 96 Privacy with Indicator

Notes:
- Self-adjusting case for beveled doors or square edge doors
- Stopworks are incorporated in thumbturn
- Non-handed, stainless steel, deadlocking latchbolt

FINISHES
- US3, US4, US10 and US26 may be subject to extended lead time
3800 SERIES - ELECTRIFIED - GRADE 1 MORTISE - HEAVY DUTY

WARRANTY
• Lifetime warranty on mechanical locking components
• One-year warranty on electric components

FEATURES
• Deadlocking latch
• Key override allows latchbolt to be momentarily retracted with the key even though electrically locked. Note that locks that are electrically unlocked may not be locked via the key cylinder.
• Inside lever always allows egress
• Interface with life-safety systems
• Motorized locking and unlocking allows for low power consumption (new for 2018)

Function:
- 80 - Storeroom
- 82 - Institutional

Applications:
• Provides remote locking and unlocking ideal for door control where added security is necessary
• Stairtower doors
• Office doors
• Classrooms
• Elevator lobby doors
• Computer rooms
• Hospital equipment rooms
• Pharmaceutical storage rooms

Voltage:
- 3880ELEU - 12-24V AC/DC (250mA MAX in rush and 10mA MAX holding)
- 3880RX - 125 VAC (3A) - 30VDC (2A)
- 3880LM - 125VAC (3A) - 30VDC (2A)
- 3880DPM - 28VDC (.3A)

Quick Connect: Available option on EL, EU, RX, DPM, and LM. Compatible with Hager Quick Connect Harness Cable which can plug into Hager Hinges with Quick Connects for quick and accurate wiring of the door.

FINISHES
• US3, US4, US10 and US26 may be subject to extended lead time

### Function Table

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storeroom - Fail Safe/Fail Secure 12V/24V</td>
<td>3880ELEU</td>
<td>Outside lever continuously locked (EL) or unlocked (EU) by 12 or 24V. Latchbolt retracted by key outside or lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress.</td>
</tr>
<tr>
<td>Institution - Fail Safe/Fail Secure 12V/24V</td>
<td>3882ELEU</td>
<td>Both levers continuously locked (EL) or unlocked (EU) by 12 or 24V. Latchbolt retracted by key inside or outside. Auxiliary latch deadlocks latchbolt when door is closed.</td>
</tr>
<tr>
<td>Request to Exit</td>
<td>RX</td>
<td>Monitors inside lever rotation. Incorporates into fire alarm systems or in conjunction with an electromagnet. Available on 3880 or in conjunction with 3880ELEU.</td>
</tr>
<tr>
<td>Latchbolt Monitor</td>
<td>LM</td>
<td>Single switch (SPDT) mounted inside lockset monitors the full extension of the latchbolt. Available on 3880, 3882, or in conjunction with 3880ELEU or 3882ELEU.</td>
</tr>
<tr>
<td>Door Position Monitor</td>
<td>DPM</td>
<td>Single switch (SPDT Reed Magnetic Switch) mounted inside the lock monitors whether the door is fully closed. Available on 3880, 3882, or in conjunction with 3880ELEU or 3882ELEU.</td>
</tr>
</tbody>
</table>

Note: Quick connect option is available. Locks will have molex connector attached to allow rapid installation of locks when used with Hager harness cable. See price book for details.
3800 SERIES - POWER SUPPLIES

See power supply area within the Electrified Products section for more details on our full selection of power supplies. Hager 2903, 2908 and 2909 power supplies are designed to power locking devices. Their features include:

- UL Listed
- Filtered/regulated 24VDC
- Overload protection
- Over voltage protection
- Short circuit protection
- Surge suppression on Fail Safe and Fail Secure outputs
- Fire alarm input standard

**2903 Power Supply Includes:**
- 24VDC, 2Amp
- Automatically accepts 120 or 240VAC input
- Auxiliary 24VDC output for stand alone devices
- Switch 24VDC outputs for fail safe or fail secure locking hardware
- Surge suppression on Fail Safe and Fail Secure outputs

**2908 Power Supply Includes:**
- Field selectable 12VDC or 24VDC, 1Amp
- 115VAC standard (230VAC optional)
- Separate PTC protected charging for battery backup
- LED status indicator
- Modular design allows optional components to fit any application (see Electrified Catalog for a full list of components)

**2909 Power Supply Includes:**
- Field selectable 12VDC or 24VDC, 2Amp
- 115VAC standard (230VAC optional)
- Separate PTC protected charging for battery backup
- LED status indicator
- Modular design allows optional components to fit any application (see Electrified Catalog for a full list of components)

**Hager Locking System**
3800 SERIES - STRIKES

3985 Standard Lip Strike
• Square corner
• 1-1/4” x 4-7/8” x 1-7/32” lip
  (32 mm x 124 mm x 31 mm)

3986 Extended Lip Strike
• Square corner
• 1-1/4” x 4-7/8” x 1-1/2” lip
  (32 mm x 124 mm x 30 mm)

3987 Standard Lip Strike
• Round corner
• 1-1/4” x 4-7/8” x 1-7/32” lip
  (32 mm x 124 mm x 31 mm)

3988 Extended Lip Strike
• Round corner
• 1-1/4” x 4-7/8” x 1-1/2” lip
  (32 mm x 124 mm x 38 mm)

3989 Flat Lip Strike
• Square corner
• 1-1/4” x 4-7/8” x 7/8” lip
  (32 mm x 124 mm x 22 mm)

3990 Extended Flat Lip Strike
• Square corner
• 1-1/4” x 4-7/8” x 1-7/32” lip
  (32 mm x 124 mm x 31 mm)

3902 Mortise Cylinder
• If cylinder is ordered separately from the mortise lock, please specify Schlage “L” Cam; For 61 Function, specify Standard Cam and “L” Cam
• Available in Conventional, Small Format Interchangeable Core, and Large Format Interchangeable Core (6-pin only)
• SFIC core sold separately
• LFIC core sold separately
• Conventional cylinder available in 1-1/8” (29 mm) and 1-1/4” (32 mm)
• SFIC cylinder available in 1-1/4” (32 mm) and 1-3/8” (35 mm) length
• LFIC cylinder available in 1-1/2” (38 mm) length
• For more cylinder information, please refer to Cylinder, Core, and Keying section.
# 3800 Series - Grade 1 Mortise Deadlock - Heavy Duty

## Warranty
- Lifetime warranty

## Features
- Heavy duty commercial, industrial, institutional
- Non-handed (except for 63 Classroom Function)
- Conventional mortise cylinder; Small Format Interchangeable Core or Large Format Interchangeable option available
- BHMA Certified Grade 1 Security with standard mortise cylinder

## Certifications:
- BHMA Certified ANSI A156.13 Grade 1 Series 1000
- ADA Compliant ANSI A117.1 Accessibility Code

## Options:
- Lead lining

## Specifications

**Lock Case:**
- 4-5/16” x 6” x 1” (110 mm x 152 mm x 25 mm)

**Armor Front:**
- 1-1/4” x 8” x 7/32” (32 mm x 203 mm x 5 mm) - Standard

**Keys:**
- Two operating keys supplied per lock

**Cylinders/Cores:**
- Brass - keyed different - Schlage C Keyway
- Cylinder drilled 6-pin, keyed 5-pin - standard
- Other keying options, including keyed 6-pin, available from factory
- Large Format Interchangeable Core cylinder option available
- LFIC core available zero bitted or combined, brass 6-pin cores sold separately
- Small Format Interchangeable Core cylinder option available
- SFIC uncombined or combined, brass 6- or 7-pin cores sold separately
- Schlage "L" Cam - standard

**Door Thickness:**
- 1-3/4” - 2-1/2” (45 mm - 64 mm)
- Must specify door thickness if greater than 1-3/4” (45 mm)

**Backset:**
- 2-3/4” (70 mm) only

**Deadbolt:**
- 1” (25 mm) throw - stainless steel

**Strike:**
- 3991 1-1/4” x 4-7/8” (32 mm x 124 mm) no lip - Standard

**Functions:**
- 60 Cylinder x Thumbturn, 62 Double Cylinder, 63 Classroom, 64 Cylinder

**Notes:**
- Self-adjusting case for beveled doors or square edge doors

## Finishes
- US3, US4, US10, US10B, and US26 may be subject to extended lead time

### 3800 Series Deadlock Strikes

**3991**
- No Lip Strike
  - Square corner
  - 1-1/4” x 4-7/8” (32 mm x 124 mm)
  - For use with 60, 62, 63 and 64 Functions only

### 3800 Series Mortise Cylinders

**3902**
- Mortise Cylinder
  - If cylinder is ordered separately from the mortise lock, please specify Schlage "L" Cam
  - Available in Conventional, Small Format Interchangeable Core, and Large Format Interchangeable Core (6-pin only)
  - SFIC core sold separately
  - LFIC core sold separately
  - Conventional cylinder available in 1-1/8” (29 mm) and 1-1/4” (32 mm) length
  - SFIC cylinder available in 1-1/4” (32 mm) and 1-3/8” (35 mm) length
  - LFIC cylinder available in 1-1/2” (38 mm) length
  - For more cylinder information, please refer to Cylinder, Core, and Keying section.
3800 SERIES - GRADE 1 SMALL CASE MORTISE DEADLOCK - HEAVY DUTY

WARRANTY | Lifetime warranty

FEATURES | • Heavy duty commercial, industrial, institutional
          • Non-handed (except for 33 Classroom Function)
          • Conventional mortise cylinder, Small Format Interchangeable Core or Large Format Interchangeable Core option available
          • BHMA Certified Grade 1 Security with standard mortise cylinder

Certifications: | • BHMA Certified ANSI A156.13 Grade 1 Series 1000
          • ADA Compliant ANSI A117.1 Accessibility Code

Options: | Lead lining

SPECIFICATIONS

Lock Case: | 4-5/16” x 3-9/16” x 1” (110 mm x 90 mm x 25 mm)

Armor Front: | • 1-1/4” x 5-5/8” x 7/32” (32 mm x 143 mm x 5 mm) - Standard

Keys: | Two operating keys supplied per lock

Cylinders/Cores: | • Brass - keyed different - Schlage C Keyway
          • Cylinder drilled 6-pin, keyed 5-pin - standard
          • Other keying options, including keyed 6-pin, available from factory
          • Large Format Interchangeable Core cylinder option available
          • LFIC core available zero bitted or combined, brass 6- pin cores sold separately
          • Small Format Interchangeable Core cylinder option available
          • SFIC uncombined or combined, brass 6- or 7-pin cores sold separately
          • Schlage “L” Cam - standard

Door Thickness: | • 1-3/4” - 2-1/2” (45 mm - 64 mm)
          • Must specify door thickness if greater than 1-3/4” (45 mm)

Backset: | 2-3/4” (70 mm) only

Deadbolt: | 1” (25 mm) throw - stainless steel

Strike: | 3999 1-1/8” x 3-1/2” (29 mm x 89 mm) no lip - Standard

Functions: | 30 Cylinder x Thumbturn, 31 Door Bolt, 32 Double Cylinder, 33 Classroom, 34 Cylinder

Notes: | Self-adjusting case for beveled doors or square edge doors

          • US3, US4, US10, US10B, and US26 may be subject to extended lead time

3800 SERIES DEADLOCK STRIKES

3999
No Lip Strike
• Square corner
• 1-1/8” x 3-1/2” (29 mm x 89 mm)
• For use with 30, 31, 32, 33 and 34 Functions only

3800 SERIES MORTISE CYLINDERS

3902
Mortise Cylinder
• If cylinder is ordered separately from the mortise lock, please specify Schlage “L” Cam
• Available in Conventional, Small Format Interchangeable Core, and Large Format Interchangeable Core (6-pin only)
• SFIC core sold separately
• LFIC core sold separately
• Conventional cylinder available in 1-1/8” (29 mm) and 1-1/4” (32 mm) length.
• SFIC cylinder available in 1-1/4” (32 mm) and 1-3/8” (35 mm) length.
• LFIC cylinder available in 1-1/2” (38 mm) length
• For more cylinder information, please refer to Cylinder, Core, and Keying section.
3800 SERIES - SLIDING DOOR MORTISE LOCK - HEAVY DUTY

WARRANTY
Lifetime warranty

FEATURES
• Heavy duty commercial, industrial, institutional
• Non-handed
• Conventional mortise cylinder, Small Format Interchangeable Core or Large Format Interchangeable Core option available

Certifications:
• ADA Compliant ANSI A117.1 Accessibility Code

SPECIFICATIONS

Lock Case: 4-5/16” x 3-9/16” x 1” (110 mm x 90 mm x 25 mm)

Armor Front: 1-1/4” x 5-5/8” x 7/32” (32 mm x 143 mm x 5 mm) - Standard

Keys:
Two operating keys supplied per lock

Cylinders/Cores:
• Brass - keyed different - Schlage C Keyway
• Cylinder drilled 6-pin, keyed 5-pin - standard
• Other keying options, including keyed 6-pin, available from factory
• Large Format Interchangeable Core cylinder option available
• LFIC core available zero bitted or combined, brass 6- pin cores sold separately
• Small Format Interchangeable Core cylinder option available
• SFIC uncombined or combined, brass 6- or 7-pin cores sold separately
• Schlage "L" Cam - standard

Door Thickness:
• 1-3/4” - 2-1/2” (45 mm - 64 mm)
• Must specify door thickness if greater than 1-3/4” (45 mm)

Backset: 2-3/4” (70 mm) only

Deadbolt: 1” (25 mm) throw - stainless steel

Strike: 1-1/8” x 3-1/2” (29 mm x 89 mm) no lip - Standard

Functions:
35 Cylinder x Thumbturn, 36 Single Cylinder, 37 Double Cylinder, 38 Thumbturn Only, 39 Thumbturn with Emergency Key (Privacy)

FINISHES
U26D

3800 SERIES MORTISE CYLINDERS

3902
Mortise Cylinder
• If cylinder is ordered separately from the mortise lock, please specify Schlage "L" Cam
• Available in Conventional, Small Format Interchangeable Core, and Large Format Interchangeable Core (6-pin only)
• SFIC core sold separately
• LFIC core sold separately
• Conventional cylinder available in 1-1/8” (29 mm) and 1-1/4” (32 mm) length.
• SFIC cylinder available in 1-1/4” (32 mm) and 1-3/8” (35 mm) length
• LFIC cylinder available in 1-1/2” (38 mm) length
• For more cylinder information, please refer to Cylinder, Core, and Keying section.
Keying Options

Keyed function locks are supplied standard with Schlage ‘C’ keyway cylinder, cylinder drilled 6-pin, keyed 5-pin and will be keyed different with two operating keys unless otherwise specified.

- Keyed Alike, 0 Bitted and 1 Bitted cylinders provided 6 pin only
- Master Keyed [must specify quantity of Master keys where applicable, 3961 (5-pin) or 3962 (6-pin)]
- Construction Master Keyed (Schlage C, E & F)
- Keyed to Specific or Existing Number
- Submit master keying form; pages 88-91 or at www.hagerco.com
- Extra Cut Keys (3961 - Cut 5-pin, 3962 - Cut 6-pin)
- Key Markings: 1AA, 2AA etc. (per key)
- Key Markings other than Key Set (per key)
- Cylinder markings
- All optional keyways below may not be immediately available. Contact customer service for more information on a particular keyway.

Optional Keyways (Conventional Cylinders)

- Arrow AR1
- Corbin 60
- Corbin 77
- Corbin/ Russwin L4
- Kwikset KW1
- Weiser E
- Russwin D1
- Sargent LA
- Schlage E
- Schlage F
- Yale E1R (PARA)
- Yale GA

Keys

- **3955**
  - Key Blank
  - 5-pin, Specify Keyway
  - Order in multiples of 50

- **3956**
  - Key Blank
  - 6-pin, Specify Keyway
  - Order in multiples of 50

- **3961**
  - Cut Key
  - 5-pin, keyed to specific or existing number
  - Specify Keyway

- **3962**
  - Cut Key
  - 6-pin, keyed to specific or existing number
  - Specify Keyway
**Cylinders**

**3960 Key-in Lever/Deadlock Cylinder**
Includes two operating keys
Specify keyway, tailpiece, and how keyed
Note: Cylinder instructions and ordering guide available on www.hagerco.com

**Tailpieces**

**2-639-7000 Tailpiece 1**
Pack of 10 tailpieces for use with 3453L, 3450L, 3480L, 2580L

**2-639-7001 Tailpiece 2**
Pack of 10 tailpieces for use with 3470L

**2-639-7002 Tailpiece 3**

**2-639-7003 Tailpiece 4**
Pack of 10 tailpieces for use with 3470K, 3570K

**2-639-7005 Tailpiece 6**
Pack of 10 tailpieces for use with 3114DB and 3214DB exterior cylinders

**2-639-7006 Tailpiece 7**
Pack of 10 tailpieces for use with 3114DB and 3214DB interior cylinders

**2-639-7007 Tailpiece 8**
Pack of 10 tailpieces for use with 3115DB, 3118DB, 3215DB, 3710DB, 3753DB

**2-639-7008 Tailpiece 9**
Pack of 10 tailpieces for use with 3653L, 3670L and 3680L

**2-639-7018 Tailpiece W**
Pack of 10 tailpieces for use with 3473L

**2-639-7087 Tailpiece Z**
Pack of 10 tailpieces for use with 3570L and 3573L

**2-639-7094 Tailpiece X**
Pack of 10 tailpieces for use with 3495L

**2-639-7192 Tailpiece K**
Pack of 10 tailpieces for use with 4700 key-in-lever trim (KE, KN)

**2-639-7322 Tailpiece V**
Pack of 10 tailpieces for use with 2570L

**Rim Cylinder Housing**

**3901 Rim Cylinder**
- Conventional cylinder supplied drilled 6-pin, keyed 5-pin standard
- Furnished with trim ring, mounting plate, and break off screws
- Long tail piece standard
- Supplied with two operating keys

**3903 Rim Dummy Cylinder**
Rim Cylinder Accessories

- **2-639-7058**
  - Long Breakoff Tailpiece
  - 2-3/8” (60 mm)

- **2-300-0118**
  - Extra Long Breakoff Screws
  - 2-3/8” (60 mm)

- **2-649-0137**
  - Retaining Cup
  - Can be used with 45PN, 47PN, and 47RN

Mortise Cylinder Cams

- **3971**
  - Yale Cam
  - Radius .722” (18 mm)

- **3972**
  - Adams Rite Cam
  - Radius .560 (14 mm)

- **3973**
  - Standard Cloverleaf
  - Radius .741” (19 mm)

- **3974**
  - Marks Cam
  - Radius .755” (19 mm)

- **3975**
  - Standard Cam
  - Radius .723” (18 mm)
  - For use with Hager exit devices and trim

- **3976**
  - Schlage L Cam
  - Radius .637” (16 mm)
  - For use with Hager mortise locks (all functions)

- **3977**
  - Sargent/Yale Cam
  - Radius .733” (18.6 mm)

- **3978**
  - Corbin/Russwin/Best Cloverleaf
  - Radius .725” (18.5 mm)

Mortise Cylinder Housing

- **3902**
  - Mortise Cylinder
  - Conventional cylinder supplied drilled
  - 6-pin, keyed 5-pin standard
  - 3975 standard cam attached and 3972 Adams Rite cam shipped loose in the box
  - Thread size is 1.150” x 32 UNS
  - Cylinder face diameter is 1.360”
  - Supplied with two operating keys
  - 1-1/8” (29 mm) standard length, 1-1/4” (31 mm), and 1-5/8” (41 mm) for mortise exit devices
  - Other lengths may be available with extended lead time
  - **Must specify length, cam, keyway, and keying requirements**

- **3904**
  - Mortise Dummy
  - 1-1/8” (29 mm) length
  - 1-1/4” (31 mm) length

- **3905**
  - Mortise ADA Turn Knob
  - 1-1/8” (29 mm) length
  - 1-1/4” (31 mm) length
  - Note: Ships with Schlage “L” Cam; specify if different
Keying Options
Cores are furnished keyed different unless otherwise specified. Other keying options include:
• Keyed Alike
• Construction Cores
• Master keyed (Must specify quantity of master keys, control keys, or additional change keys, 3984.)
• Keyed to specific or existing number
• Key Markings: 1AA, 2AA etc. (per key) - VKC
• Key markings other than key set
• Core markings (Visual or concealed)
• Do not duplicate
• Bitting Lists are available, ordered separately from Master Keyed order, specify 3998
* Construction master keyed not available.

SFIC Keyways (Best) - A, B, C, D, E, F, G, H, J, K, L, M, Q
SFIC Cores

3981-C
Combined Core 6-Pin
Includes two change keys
Finishes include US4 or US26D

3981-U
Uncombined Core 6-Pin
Includes two key blanks
Finishes include US4 or US26D

3982-C
Combined Core 7-Pin
Includes two change keys
Finishes include US4 or US26D

3982-U
Uncombined Core 7-Pin
Includes two key blanks
Finishes include US4 or US26D

SFIC Construction Cores
Construction Small Format Interchangeable Cores are available in blue or red and are keyed alike. Will receive full credit, less shipping, of original cost upon return of construction cores with keys.

3981-Blue or 3981-Red
Construction Core
Combinated, 6-pin
Includes two operating keys

3982-Blue or 3982-Red
Construction Core
Combinated, 7-pin
Includes two operating keys

SFIC Construction Core Keys

2-639-7168
3984 Control Key (BA IC 6 Blue)

2-639-7169
3984 Control Key (BA IC 7 Blue)

2-639-7170
3984 Control Key (BA IC 7 Red)

2-639-7113
3984 Control Key (BA IC 6 Red)

Note: Two (2) control keys will be shipped with an order unless otherwise specified.
SFIC Tailpieces

**2-639-7060**
Pack of 10 tailpieces for use with 2500/3500 Series SFIC lever (6-pin/7-pin combo)

**2-639-7061**
Pack of 10 tailpieces for use with 3400/3500 Series SFIC knob (6-pin/7-pin combo)

**2-639-7090**
Pack of 10 tailpieces for use with 3753 Interconnected Lock SFIC lever (6-pin/7-pin combo)

**2-639-7091**
Pack of 10 tailpieces for use with 3114/3214 SFIC deadbolt (6-pin/7-pin combo)

**2-639-7095**
Pack of 10 tailpieces for use with 3115/3118/3215 and 3710/3753 SFIC deadbolt (6-pin/7-pin combo)

SFIC Rim Cylinder Housing

**3901**
Rim Cylinder
- Furnished with trim ring, mounting plate, and break off screws
- Long tail piece standard
- Small Format Interchangeable Core housing supplied less core
- Specify 6- or 7-pin

SFIC Mortise Cylinder Housing

**3902**
Mortise Cylinder
- 2-639-7082 standard cam; 2-639-7083 Adams Rite cam shipped loose in the box
- Thread size is 1.150” x 32 UNS. Cylinder face diameter is 1.360”
- Small Format Interchangeable Core housing supplied less core
- Must specify length and cam, 6-pin 1-1/4”, 7-pin 1-3/8”, 7-pin 1-5/8” (for mortise exit device)

SFIC Mortise Cylinder Cams

**2-639-7082**
Standard Yale Cam

**2-639-7083**
Adams Rite Cam

**2-639-7084**
Corbin/Best Cloverleaf Cam

**2-639-7085**
Schlage “L” Cam
For use with Hager mortise locks (all functions)

**2-639-7086**
Sargent/Yale Cam

SFIC Rim Cylinder Accessories

**2-639-7058**
Long Breakoff Tailpiece 2-3/8” (60 mm)

**2-300-0118**
Extra Long Breakoff Screws 2-3/8” (60 mm)

**2-649-0137**
Retaining Cup
Can be used with 45PN, 47PN, and 47RN
Keying Options

Cores are furnished zero bitted - unless otherwise specified. Other keying options include:

- Keyed alike
- Keyed different
- Master keyed (must specify quantity of master keys, control keys or additional change keys)
- Temporary construction cores available upon request
- Keyed to specific or existing number
- Key Markings: 1AA, 2AA etc. (per key) - VKC
- Key markings other than key set
- Core markings (visual or concealed)
- Bitting Lists are available, ordered separately from master keyed order, specify 3998

LFIC Cores (Available in Schlage C Only)

**3919**

Zero Bitted Core 6-Pin
- Includes two key blanks
- Finishes include US4 or US26D

**Combed Core 6-Pin**
- Includes two change keys
- Finishes include US4 or US26D

LFIC Keys

**3956**

Key Blank
- Schlage C Keyway, 6-pin only

**3962**

Cut Key
- Schlage C Keyway, 6-pin only

**3963**

3919 Control Cut Key

**3963**

3919 Control Key Blank

LFIC Tailpieces

**2-639-7645**
- 50, 53 and 80 functions only

**2-639-7646**
- 70 function only

**2-639-7647**
- 73 and 95 functions only

LFIC Rim Cylinder Housing

**3901**

Rim Cylinder
- Furnished with trim ring, mounting plate, and break off screws
- Tail piece supplied standard
- Large Format Interchangeable
- Core housing supplied less core.
- 6-pin only

LFIC Rim Cylinder Accessories

**2-639-7578**

Breakoff Tailpiece Assy
- 2-3/8” (60 mm)

**2-300-0175**

Breakoff Screws
- 2-1/8” (54 mm)
LFIC Mortise Cylinder Housing

3902 Mortise Cylinder
- 2-639-7570 standard cam;
  2-639-7571 Adams Rite Cam shipped loose in the box.
- Thread size is 1.150” x 32 UNS.
- Cylinder face diameter is 1.360”.
- Large Format Interchangeable Core housing supplied less core
- Must specify cam, 1-1/2” length

LFIC Mortise Cylinder Cams

2-639-7570 Standard Yale Cam

2-639-7571 Adams Rite Cam

2-639-7572 Schlage “L” Cam
  For use with Hager mortise locks (all functions)

2-639-7573 Corbin/Best Cloverleaf Cam

2-639-7574 Sargent/Yale Cam
Keying Options

Keyed function locks are supplied keyed different unless otherwise specified.
- Keyed alike, 0 bitted, 1 bitted
- Master keyed (must specify quantity of Master keys where applicable)
- Construction master keyed
- Keyed to specific or existing number
- Submit master keying form (page 86)
- Extra cut keys (3908 - Cut 7-pin)
- Key markings: 1AA, 2AA etc. (per key)
- Key markings other than key set (per key)
- Cylinder markings (visual or concealed)
- Do not duplicate standard
- Bitting lists are available, ordered separately from Master keyed order, specify 3998

Notes:
- Keys are cut bow to tip
- Must purchase capping block/press and key punch due to 140 pin spacing

Hager Keyway (Conventional Cylinders)

- Hager H1
- Hager H2
- Hager H3

Rim Cylinders

- 3901 Rim Cylinder
  - 140 Pin spacing
  - Conventional cylinder supplied
  - 7-pin only
  - Furnished with trim ring, mounting plate, and break off screws
  - Long tail piece standard
  - Supplied with two operating keys

Mortise Cylinders

- 3902 Mortise Cylinder
  - 140 Pin spacing
  - Conventional cylinder supplied 7-pin only
  - 3975 standard cam attached and 3972 Adams Rite cam shipped loose in the box
  - Thread size is 1.150” x 32 UNS
  - Cylinder face diameter is 1.360”
  - Supplied with two operating keys
  - 1-1/8” (29 mm) standard length, 1-1/4” (31 mm) available, 1-5/8” (41 mm) for mortise exit devices
  - Must specify length, cam, keyway, and keying requirements

Keys

- 3907 Key Blank
  - Hager keyways (H1, H2, H3, H12, H23, H123)

Cut Key

- 3908 Cut Key
  - Hager keyways (H1, H2, H3, H12, H23, H123)
  - Specify keying required (masterkey, construction masterkey, control key)
Keying Options
Cores are furnished keyed different unless otherwise specified. Other keying options include:
• Keyed alike
• Master keyed (must specify quantity of master keys, control keys or additional change keys)
• Keyed to specific or existing number
• Key markings: 1AA, 2AA etc. (per key) - VKC
• Key markings other than key set
• Core markings (visual or concealed)
• Do not duplicate standard
• Bitting lists are available, ordered separately from master keyed order, specify 3998
* Construction master keyed not available.
Notes:
• Keys are cut bow to tip
• Must purchase capping block/press and key punch due to 140 pin spacing

Keyways (Hager) - H1, H2 and H3 SFIC Cores

3969
Combined Core 7-Pin
• Includes two change keys
• Finishes include US4 or US26D
• 140 Pin spacing

3909
Uncombined Core 7-Pin
• Includes two key blanks
• Finishes include US4 or US26D
• 140 Pin spacing

SFIC Keys

3907
SFIC Key Blank
Hager keyways (H1, H2, H3, H12, H23, H123)

3908
SFIC Cut Key
• Hager keyways (H1, H2, H3, H12, H23, H123)
• Specify keying required (masterkey, construction masterkey, control key)

SFIC Rim Cylinder Housing

3901
Rim Cylinder
• Furnished with trim ring, mounting plate, and break off screws
• Long tail piece standard
• Small Format Interchangeable
  Core housing supplied less core
• Specify 7-pin

SFIC Mortise Cylinder Housing

3902
Mortise Cylinder
• 2-639-7082 standard cam; 2-639-7083 shipped loose in the box
• Thread size is 1.150” x 32 UNS.
• Cylinder face diameter is 1.360”.
• Small Format Interchangeable
  Core housing supplied less core
• Must specify length and cam, 7-pin 1-3/8”
<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-639-7511</td>
<td>Pin Kit</td>
<td>Includes top pins, SFIC bottom pins, full size bottom pins and springs. Does not include SFIC caps.</td>
</tr>
<tr>
<td>2-639-7517</td>
<td>Construction Balls</td>
<td>Used for lost ball construction key. Order in multiples of 1,000.</td>
</tr>
<tr>
<td>2-639-7519</td>
<td>Retaining Pin Spring</td>
<td>Sold in multiples of 100.</td>
</tr>
<tr>
<td>2-639-7520</td>
<td>Individual SFIC Caps</td>
<td>Sold in multiples of 500.</td>
</tr>
<tr>
<td>2-639-7526</td>
<td>Retaining Pin</td>
<td>Secures screw cap on KIK cylinder.</td>
</tr>
<tr>
<td>2-639-7527</td>
<td>Plug Follower (KIK)</td>
<td></td>
</tr>
<tr>
<td>2-639-7529</td>
<td>Decombinating Punch</td>
<td></td>
</tr>
<tr>
<td>2-639-7530</td>
<td>Capping Punch</td>
<td></td>
</tr>
<tr>
<td>2-639-7531</td>
<td>Decombinating Block (Punch Included)</td>
<td></td>
</tr>
<tr>
<td>2-639-7532</td>
<td>Manual Capping Block (Punch Included)</td>
<td>140 spacing.</td>
</tr>
<tr>
<td>2-639-7534</td>
<td>Cap Saver Press</td>
<td>Recommended for field pinning uncombinated SFIC cores. 140 spacing.</td>
</tr>
<tr>
<td>2-639-7535</td>
<td>Key Punch</td>
<td>140 spacing.</td>
</tr>
<tr>
<td>2-639-7536</td>
<td>HPC 1200 Series Code Card</td>
<td>140 spacing.</td>
</tr>
<tr>
<td>Part Number</td>
<td>Description</td>
<td>Size</td>
</tr>
<tr>
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<td>----------------</td>
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<td>Top Pin</td>
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<td>2-639-8189</td>
<td>Top Pin</td>
<td>#3</td>
</tr>
<tr>
<td>2-639-8190</td>
<td>Top Pin</td>
<td>#4</td>
</tr>
<tr>
<td>2-639-8191</td>
<td>Top Pin</td>
<td>#5</td>
</tr>
<tr>
<td>2-639-8192</td>
<td>Top Pin</td>
<td>#6</td>
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<td>2-639-8194</td>
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<td>Top Pin</td>
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<td>2-639-8196</td>
<td>Top Pin</td>
<td>#10</td>
</tr>
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<td>2-639-8197</td>
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<td>Top Pin</td>
<td>#18</td>
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<td>2-639-8205</td>
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<td>2-639-8212</td>
<td>Full Bottom</td>
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<td>Full Bottom</td>
<td>#3</td>
</tr>
<tr>
<td>2-639-8214</td>
<td>Full Bottom</td>
<td>#4</td>
</tr>
<tr>
<td>2-639-8215</td>
<td>Full Bottom</td>
<td>#5</td>
</tr>
<tr>
<td>2-639-8216</td>
<td>Full Bottom</td>
<td>#6</td>
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<tr>
<td>2-639-8217</td>
<td>Full Bottom</td>
<td>#7</td>
</tr>
<tr>
<td>2-639-8218</td>
<td>Full Bottom</td>
<td>#8</td>
</tr>
<tr>
<td>2-639-8219</td>
<td>Full Bottom</td>
<td>#9</td>
</tr>
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<td>2-639-8220</td>
<td>SFIC Bottom</td>
<td>#0</td>
</tr>
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<td>2-639-8221</td>
<td>SFIC Bottom</td>
<td>#1</td>
</tr>
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<td>2-639-8222</td>
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<td>2-639-8223</td>
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<td>#4</td>
</tr>
<tr>
<td>2-639-8225</td>
<td>SFIC Bottom</td>
<td>#5</td>
</tr>
<tr>
<td>2-639-8226</td>
<td>SFIC Bottom</td>
<td>#6</td>
</tr>
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<td>2-639-8227</td>
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<td>#8</td>
</tr>
<tr>
<td>2-639-8229</td>
<td>SFIC Bottom</td>
<td>#9</td>
</tr>
</tbody>
</table>
2 LEVEL SYSTEMS
Simple Master Key System

The master key symbol consists of two letters, **AA**. The change key numbers are added to the master key letters. The numbers come first for a simple master key system, example: **1AA, 2AA, 3AA, etc.**

3 LEVEL SYSTEMS
Grand Master Key System

The grand master keyset symbol is assigned one letter, starting with **A**. The master keyset symbols under this grand are assigned two letters, the first of which will be the same as the grand; **AA, AB, AC, etc.** are all masters under the grand **A**. (Caution: **Do not use the letters I, O, Q, or X** because of the possible confusion with the numbers 1 & 0. X is reserved for identifying cross keying.) Change key numbers come **after** the letters, example: **AA1, AA2, AA3, etc.**

For master keyset symbols beyond **AZ**, insert a number between the letters to designate which pass through the alphabet they represent. **A2A** through **A2Z** represent the second pass through the alphabet of masters under the Grand **A**. **A3A** through **A3Z** would be the third pass through the alphabet. Change keys under these masters have the numbers suffixed in the usual way **A2A1, A2A2, A2A3, etc.**

If a cylinder is to be operated by its change key and the GMK only (No master), the change number is added to the GMK symbol. This is illustrated by the keyset symbol **A1** in the schematic shown.

4 LEVEL SYSTEMS
Great Grand Master Key System

The great grand master is assigned the keyset symbol **GGM**. The rest of the symbols are the same as those in a 3 level system.

The grand master keys under the GGM are assigned the keyset symbol of single letters of the alphabet **A, B, C, D, etc.**, starting with **A**. The master keyset symbols under this grand are assigned two letters, the first of which will be the same as the grand; **AA, AB, ..., BA, BB, ..., CA, CB, ..., etc.** (Caution: **Do not use the letters I, O, Q, or X** because of the possible confusion with the numbers 1 & 0. X is reserved for identifying cross keying.) Change key numbers come **after** the letters, example: **AA1, AA2, AA3, etc.**

For masters beyond **AZ**, insert a number between the letters to designate which pass through the alphabet they represent. **A2A** through **A2Z** represent the second pass through the alphabet of masters under the Grand **A**. **A3A** through **A3Z** would be the third pass through the alphabet. Change keys under these masters have the numbers suffixed in the usual way **A2A1, A2A2, A2A3, etc.**

If a cylinder is to be operated by its change key and the GGM only (No grandmaster, no master), the change number is added to the GGM keyset symbol. This is illustrated by the keyset symbol **GGM1** in the schematic shown.
SINGLE KEYED DIFFERENT (SKD) (Example: Narcotics Room, Pharmacies)

When requirements are such that no other key operates the cylinder (master, other change keys, etc.) they are referred to as “single keyed different” and given the keyset symbol SKD. When more than one SKD is required in a facility, they are numbered SKD1, SKD2, SKD3, etc.

NO MASTER KEY (NMK)

When keying requirements are such that all higher levels of master keys do not operate the cylinder, the suffix (NMK) is added to the keyset symbol. For example, AA1 (NMK) is operated by the change key AA1 only. Neither the A grand, nor the AA master operate the cylinder. A keyset symbol, AA (NMK) indicates the cylinder to be operated by the AA master only, the A grand does not operate the cylinder.

SELECTIVE MASTER KEYS

It is often useful in large keying systems to issue a high level master key to maintenance personnel which allows access across all master and grand master key boundaries of a keying system.

To designate that a lock be operated by a selective master key, suffix the symbol in parentheses to the standard symbol. Example: AA1 (ENG). This must be added every time the selective key is to operate and left off whenever the selective key is NOT to operate. For instance, you may lay out a system in which key AA1 is to operate two different offices. Inside one of them is an electrical cabinet which must be accessible to maintenance personnel carrying the ENG key. That lock must be specified as AA1 (ENG), while the lock for the other office must be specified as AA1.

Selective master key is a convenience feature which decreases the security of the cylinders it operates and limits the expansion and flexibility of the overall keying system. Each selective master key typically eliminates 20-25% of the capacity of the system where it is used, so it should only be specified when absolutely required. It is recommended that no more than one system-wide selective master key be used within the same system.

CROSS KEYING

Like selective master keying, cross keying is a convenience feature and will limit the expansion and flexibility of the overall key system. Whenever two or more different change keys such as AA1 and AA2 are both required to operate the same cylinder, the cylinder’s security is reduced. This is called cross keying. When the cross keying occurs under all the same higher levels (MK, GMK, GGMK), such as AA1 and AA2, it is known as controlled cross keying. When you combine keys under different higher levels (MK, GMK, GGMK), such as AA1 and AB1, it is known as uncontrolled cross keying, which you NEVER want to do.

Convenience may reduce cylinder security and hinder the overall key system expansion. Cross keying usually imposes limits on the flexibility and expansion of the overall keying system. This is especially true of uncontrolled cross keying. For these reasons, it is strongly recommended to allow personnel to carry more than one key. Cross keying should be discouraged whenever possible. However, when cross keying is required, it is specified as follows, and should be summarized at the beginning of each order. It cannot normally be added later. Each cross keyed set should also be limited to keys which are all under the same higher level master keys. Prefix the keyset symbol with the letter X (example: XAA3). All keys which are to operate the cylinder are to be listed following the keyset symbol with the phase “to be operated by” (“TBOB”, “OB”, “operated by”) are also common phrases/abbreviations used. Example: XAA3, operated by AA1, AA2, AA, and A. Note that X is a cylinder designation only. The change keyset would be AA3.

NOTE: HAGER WILL NOT DO UNCONTROLLED CROSS KEYING DUE TO THE REDUCED SECURITY IT CAUSES.
CONSTRUCTION MASTER KEYING
Hager uses the lost ball method for construction keying for conventional cylinders. If you have ordered Small Format Interchangeable Core (SFIC), you will be able to order temporary cores (Blue & Red are stock). Permanent cores will be shipped with permanent keys.

Recommendation:
Use as many keyed alike groups to conserve bitting combinations. Study blueprints and/or master plans for campuses to identify areas where more than one door leads into the same space, and where several different areas are used by the same personnel. These areas should be keyed alike (use the same keyset symbol). This conserves key bitting combinations for future use as well as reduces the need to issue master keys. Remember, key system are much like a rubber band, it only stretches so far. You can stretch is horizontally to create more master keys, or vertically to create more changes under each master, but there is a finite number of combinations available.

Case #1 (Cross Keying)
Cylinder requires its own change key. The illustration depicts part of a small medical building where two doctors share a common receptionist. The receptionist gets the AA3 change key. Each doctor carries a key which operates only one office, but also operates the entrance from the corridor, by cross keying that cylinder to include the following keys to operate it. XAA3, TBOB (To Be Operated By) AA1, AA2, AA and A.

Case #2
The hall door cylinder does not require its own change key. This illustration depicts a section of a floor in a dormitory. Each student’s bedroom change key operates the hall door cylinder. There is no need to construct a change key which operates only the hall door.

In this case, place an X at both the beginning and the end of the keyset symbol and a number between them. Example: X1X, X2X, etc. Again, always include the “TBOB” (to be operated by) phrase with a complete listing of the keyset symbols to operate the cylinder.
Master Keying Form

Hager order number: ____________________________
Account number: _______________________________
Customer: ______________________________________
Customer PO number: __________________________
Job name: _____________________________________
Location: ______________________________________

1. System
   ○ New
   ○ Existing

If existing, please attach bitting sheet and complete following field:
Original Hager order number: ____________________________

2a. System type
   ○ Conventional keyed 5-pin
   ○ Conventional keyed 6-pin/ includes LFIC
   ○ Conventional keyed 7-pin (H1, H2, H3 Only)
   ○ SFIC keyed 6-pin  A2  A4
   ○ SFIC keyed 7-pin  A2  A4
   ○ LFIC keyed 6-pin (Schlage C only)

* Hager Keyway available in 7-pin only (Conventional & Interchangeable Core)

2b. Keyways
   ○ Arrow AR1
   ○ Corbin 60
   ○ Corbin 67
   ○ Corbin 77
   ○ Corbin/RW L4
   ○ Hager H1
   ○ H12
   ○ Kwikset KW1
   ○ Weiser E
   ○ Hager H2
   ○ H23
   ○ Sargent LA
   ○ Schlage C
   ○ Hager H3
   ○ H123
   ○ Yale E1R
   ○ Schlage E
   ○ Russwin D1
   ○ Yale GA
   ○ Schlage F
   ○ Best (Specify Keyway) ____________________________

3. System level AND key quantity

   Level
   ○ GGGMK
   ○ GMK
   ○ MK
   ○ Construction MK (Lost Ball) (Sch/Hag Conv. Only)
   ○ Other

   Quantity

Ship Lock to: ______________________________________

Requested ship date: ________________________________

Change keys
   ○ Per core/cylinder
   ○ Per key symbol

Special function
   ○ Control
   ○ Maintenance
   ○ Housekeeping
   ○ Mechanical
   ○ Engineering
   ○ Janitorial
   ○ SKD
   ○ Other

Quantity

4a. Key stamping (visual key control)
   ○ None
   ○ Key set symbol
   ○ Door number
   ○ Bitting number
   ○ Do not duplicate (standard with interchangeable core & Hager Keyways)
   ○ Other ________________________________________

Please note that visual key control is recommended, otherwise, keys will be tagged with temporary identification.

4b. Cylinder Control
   ○ None
   ○ KSS (Key Set Symbol)
   ○ Concealed
   ○ DN (Door Number)
   ○ Visual
   ○ Other

Please fill out this form completely and fax to 800-782-0149 or email to masterkey@hagerco.com with the document as an attachment.
5. Packing
   - Pack keys with lock/cores
   - Pack keys separate from lock/cores

6. 3998 bitting list
   - Yes
   - No

Ship To: (keys separate)

Marking instructions (labels, packaging, etc.):

7. Future expansion (list future MK symbols, approximate number of change key symbols)

8. Contact Information for questions:
   Name: 
   Title: 
   Phone: 
   Fax: 
   Email: 
   Signature:

   Is a signature required for future keying?  
   - Yes
   - No

   If yes:
   Please note that this document will become part of the permanent keying files for this project. If the requirements for this master keying form change, it is the responsibility of the end user/owner to notify their local factory representative or Hager Companies.

9. Additional information/ Special Instructions
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<th>Total quantity</th>
<th>Product</th>
<th>Stock number</th>
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More sheets added online.
May submit excel file in lieu of this sheet.

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