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 locks comply with ADA requirements outlined in ANSI A117.1 and are UL Listed up to 3 hours for “A” label doors.
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.

- ADA compliant machined brass thumbturn
- Anti-pry fire shield behind cylinder assembly adds security and eases installation
- Curved design prevents wrenching
- Fixed cylinder or SFIC housing available
- 1" (25 mm) throw bolt with hardened steel roller resists sawing
- Machined brass collar for extra durability
## 3100 SERIES - DEADLOCK

### LOCKS

#### HOW TO ORDER

<table>
<thead>
<tr>
<th>Function</th>
<th>Finish</th>
<th>Interior Finish</th>
<th>Keying</th>
<th>Options</th>
<th>Strike</th>
</tr>
</thead>
</table>

### Notes:

1. If master-keyed, include master key instruction sheet with order (available on page 69 or online).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog.

* Small format interchangeable core sold separately. Available in Best Keyways only, A Standard.

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 turn unit. 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 turn unit will retract bolt only. Bolt automatically deadlocks when fully thrown.</td>
<td>E2171</td>
</tr>
</tbody>
</table>
### 3100 Series

** Grade 1 Deadlock  
** Auxiliary and primary locking

- **Lifetime warranty**
- **Non-handed**
- **Conventional cylinder or Small Format Interchangeable Core housing available**

#### Standard Door Prep:
- Cylinder Hole: 2-1/8" (54 mm) Diameter (Cross Bore)
- Latch Hole: 1" (25 mm) Diameter (Edge Bore)

#### 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

#### Exposed Trim:
- Wrought brass or bronze

#### Mechanism:
- Steel, zinc dichromate plating

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

#### Cylinders/Cores:
- Brass - Keyed Different - C Keyway
- Drilled 6-pin, Keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from the factory
- Small Format Interchangeable Core housing available
- SFIC uncombined or combined, brass 6- or 7-pin sold separately

#### Door Thickness:
- 1-3/4" - 2" (45 mm - 51 mm) - Standard
- 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:

#### Options:
- Split finish
- Additional deadbolts and strikes available

---

**Dimensions:**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/16&quot;</td>
<td>[27]</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>[10]</td>
</tr>
<tr>
<td>5/8&quot;</td>
<td>[15]</td>
</tr>
<tr>
<td>Ø 2 1/2&quot;</td>
<td>[63]</td>
</tr>
<tr>
<td>1 3/4&quot;</td>
<td>[44]</td>
</tr>
</tbody>
</table>
LOCKS

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

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

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.

- ADA compliant thumbturn
- Anti-pry fire shield behind cylinder assembly adds security and eases installation
- Tapered design prevents wrenching
- 1" (25 mm) throw bolt with hardened steel roller resists sawing
- Cast brass collar with brass or stainless scalp
- Fixed cylinder or SFIC housing available
## HOW TO ORDER

### 3214 2\(\frac{3}{4}\)" US26D US26 SCC

#### Function
- 14 - Double Cylinder
- 15 - Single Cylinder
- 20 - Thumbturn with Back Plate
- 21 - Thumbturn
- 22 - Retrofit kit for 3220/3221

#### Interior Finish (if different)
- US3
- US4
- US10
- US10B
- US26D
- US32
- US32D

#### 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
- KW1 - Kwikset
- RD1 - Russwin D1
- SGT - Sargent LA
- YAP - Yale E1R (Para)
- YGA - Yale GA
- WE - Weiser E
- NC - No cylinder (SFIC only)

#### Strike
- ASA Deadbolt
- No Lip (standard)

#### Options
- AS5PKEY - 5-pin keyedy
- 6PKEY - 6-pin keyedy
- SFIC** - Small format interchangeable core housing (NC)

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

#### Notes:
1. If master-keyed, include master key instruction sheet with order (available on page 69 or online).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog.

* Adjustable backset deadbolts supplied with 3220, 3221, and 3222.

** Small format interchangeable core sold separately. Available in Best Keyways only, A Standard.

Ordering example: 3214 2-3/4" US26D NC SFIC

### 3200 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><img src="image" alt="Double Cylinder" /></td>
<td>14</td>
<td>Deadbolt thrown or retracted by key from either side. Bolt automatically deadlocks when fully thrown.</td>
<td>E2142</td>
</tr>
<tr>
<td><img src="image" alt="Cylinder x Thumbturn" /></td>
<td>15</td>
<td>Deadbolt thrown or retracted by key from outside or by inside turn unit. Bolt automatically deadlocks when fully thrown.</td>
<td>E2152</td>
</tr>
<tr>
<td><img src="image" alt="Thumbturn w/ Blank Plate" /></td>
<td>20</td>
<td>Deadbolt thrown or retracted by turn unit only. Outside blank plate. Bolt automatically deadlocks when fully thrown.</td>
<td>E21112</td>
</tr>
<tr>
<td><img src="image" alt="Thumnburn Only" /></td>
<td>21</td>
<td>Deadbolt thrown or retracted by turn unit only. No outside trim. Bolt automatically deadlocks when fully thrown.</td>
<td>E2192</td>
</tr>
</tbody>
</table>

Note: 3222 available for retrofit applications, converting a 3221 into a 3220.
3200 Series
Grade 2 Deadlock
Auxiliary and primary locking

- Lifetime warranty
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core housing available

Standard Door Prep:
- Cylinder Hole: 2-1/8" (54 mm) Diameter (Cross Bore)
- Latch Hole: 1" (25 mm) Diameter (Edge Bore)

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

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 - C Keyway
- Drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from the factory
- Small Format Interchangeable Core housing available
- SFIC uncombined or combined, brass 6- or 7-pin sold separately

Door Thickness:
- 1-3/4" (45 mm) only - 3214 SFIC
- 1-3/8" - 1-3/4" (35 mm - 45 mm) - Standard
- 2" - 2-1/4" (51 mm - 57 mm) available for conventional cylinder - 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, 20 Thumbturn w/ Blank Plate, 21 Thumbturn Only

Finishes:

Notes:
- 3222 retrofit kit available for use with 3220/3221

Options:
- Split finish
- Additional deadbolts and strikes available
LOCKS

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

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

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 - Standard

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 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.

Inside and outside rose liners contain independent high strength torsion springs that allow the levers to move bi-directionally without lever sag.

7/8” (22 mm) diameter stainless steel bolt with 1/2” (13 mm) throw

All keyed functions include our clutching feature that allows the lever to freely rotate up or down while remaining locked

ADA compliant lever designs-- all non handed and easily field reversible

Fixed cylinder or SFIC housing available
## HOW TO ORDER

### 3453 2\textfrac{3}{4}” US26D US26 WTN SCC KD ASA TW

<table>
<thead>
<tr>
<th>Function</th>
<th>Interior Finish (if different)</th>
<th>Conventional Keyway</th>
<th>Strike</th>
<th>TW Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 - Passage, Closet Latch/Single Locking</td>
<td></td>
<td>SCC - Schlage C</td>
<td>ASA (standard)</td>
<td>TW - Tactile Warning</td>
</tr>
<tr>
<td>17 - Single Dummy Trim</td>
<td>US3 - Knob/Lever</td>
<td>AR1 - Arrow</td>
<td>Full</td>
<td>LL - Leaded</td>
</tr>
<tr>
<td>40 - Privacy, Bedroom, Bath Lock</td>
<td>US4</td>
<td>C60 - Corbin 60</td>
<td>RC Full</td>
<td></td>
</tr>
<tr>
<td>50 - Office</td>
<td>US10</td>
<td>C67 - Corbin 67</td>
<td>TEE</td>
<td></td>
</tr>
<tr>
<td>53 - Entry/Double Locking</td>
<td>US10B</td>
<td>CL4 - Corbin L4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70 - Classroom Lock</td>
<td>US26</td>
<td>SCE - Schlage E</td>
<td></td>
<td></td>
</tr>
<tr>
<td>73 - Corridor</td>
<td>US26D</td>
<td>SCF - Schlage F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80 - Storeroom Lock</td>
<td>US32D - Knob Only</td>
<td>KW1 - Kwikset</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95 - Intruder Classroom</td>
<td></td>
<td>RD1 - Russwin D1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>YAP - Yale E1R (Para)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>YGA - Yale GA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>WE - Weiser E</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NC - No cylinder</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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

### Product Group
- 34 - Cylindrical, Grade 1

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

### Conventional Keyway
- KC - Keyed Alike
- KD - Keyed Different
- MK - Master Key
- CMK - Construction Master Key (C Keyway only)
- GMK - Grand Master Key
- SK - Customer Specified Keying
- 0BC - "0" Bitted Cylinder
- 1BC - "1" Bitted Cylinder

### Notes:
1. If master-keyed, include master key instruction sheet with order (available on page 69 or online).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog.

* Small format interchangeable core sold separately. Available in Best Keyways only, A Standard.

**Ordering example:** 3453 2-3/4” US26D WTN NC ASA SFIC
### 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</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 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>Office</td>
<td>50</td>
<td>Push-button locking. Push-button locks outside lever until unlocked with key or by rotating inside lever.</td>
<td>F82</td>
</tr>
<tr>
<td>Entry</td>
<td>53</td>
<td>Deadlocking latchbolt by lever either side, except when turn button 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 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>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 or other locking device on inside. Key in outside lever locks or unlocks outside lever. Operating inside lever releases push button or other locking device placed in a locked position. Closing door releases push button or other inside locking device. 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>

*Intruder Classroom is available with an indicator. Specify IND on order.
3400 SERIES LEVER OPTIONS

APOLLO KNOB

Optional tactile warning available on all lever styles (only outside lever will be dimpled unless otherwise specified).

ARCHER LEVER

AUGUST LEVER

WITHNELL LEVER
3400 Series
Grade 1 Cylindrical
Extra heavy duty commercial, industrial, institutional

- Lifetime warranty
- No exposed mounting screws
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core housing available

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

Certifications:
- BHMA Certified ANSI A156.2 Series 4000 Grade 1
- 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 doors
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated

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

Rose Diameter:
3-17/32” (90 mm) levers; 3” (76 mm) knobs

Lock Chassis:
- Heavy gauge steel, zinc dichromated for corrosion resistance
- Free wheeling (levers only)
- Thru-bolt mounting (levers only)

Keys:
- Two operating keys supplied per lock

Cylinders/Cores:
- Brass 6-pin, keyed different - C Keyway
- Drilled 6-pin, Keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from factory
- Small Format Interchangeable Core housing available
- SFIC uncombined or combined, brass 6- or 7-pin 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
- 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 Office, 53 Entry, 70 Classroom, 73 Corridor (levers only),
80 Storeroom, 95 Intruder Classroom (levers only)

Finishes:
- US3, US32D (knobs only)

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

Options:
- Lead lined (levers only)
- Tactile Warning (levers only)
- Split finish
- Additional latchbolts and strikes available
- Intruder Classroom indicator available, specify IND (inside rose will have three indicator points for a guide reference for locking the door)
## 3400 Series - Electrified

**Grade 1 Cylindrical**  
Extra heavy duty commercial, industrial, institutional

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

### Function:
80 - Storeroom

### 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

### 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
- Continuous-duty solenoids

### Voltage:
- 12V AC/DC; current - .250 AMP
- 24V AC/DC; current - .150 AMP
- Specify 12V or 24V when ordering

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storeroom - Fail Safe</td>
<td>3480EL</td>
<td>Outside lever continuously locked electrically. Unlocked by key outside, by breaking electric current, or by power failure. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress.</td>
</tr>
<tr>
<td>Storeroom - Fail Secure</td>
<td>3480EU</td>
<td>Outside lever continuously locked until unlocked by key or electric current. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress.</td>
</tr>
<tr>
<td>Storeroom - Request to Exit</td>
<td>3480RX</td>
<td>Monitors inside lever rotation. Incorporates into alarm systems or in conjunction with an electromagnet.</td>
</tr>
<tr>
<td>Storeroom - Fail Safe w/ Request to Exit</td>
<td>3480ELRX</td>
<td>Outside lever continuously locked electrically. Unlocked by key outside, by breaking electric current, or by power failure. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress. Ability to tie into an alarm system.</td>
</tr>
<tr>
<td>Storeroom - Fail Secure w/ Request to Exit</td>
<td>3480EURX</td>
<td>Outside lever continuously locked until unlocked by key or electric current. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress. Ability to tie into an alarm system.</td>
</tr>
</tbody>
</table>
3400 Series - Power Supplies

Hager 2903 and 2904 power supplies are designed to power locking devices. Their features include:

- UL Listed
- Filtered/regulated 24 VDC
- 2 AMP load capacity
- Overload protection
- Over voltage protection
- Short circuit protection
- Surge suppression on Fail Safe and Fail Secure outputs
- Automatically accepts 120 VAC or 240 VAC inputs

2903
This power supply includes:
- Interface relay to isolate the locking device current from the control switch
- Auxiliary 24 VDC constant voltage for powering stand alone devices such as keypads, motion detectors, status indicators, etc.

2904
This power supply includes:
- Separate inputs for activation switch on entry and exit sides of the opening
- Relay contact output to automatic door operator (N.O. or N.C. contacts)
- Built-in time delay between activation of electrified locking device and automatic door operator
- Input of optional emergency release switch when urgent unlocking of the door is required
- Auxiliary 24VDC constant voltage output
- Separate 24VDC outputs for Fail Safe and Fail Secure electrified locking devices

---

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2903</td>
<td>Provides power for Fail Safe or Fail Secure locking devices and interference with building alarm controls, card reader, keypads, and other door controls.</td>
</tr>
<tr>
<td>2904</td>
<td>Provides power and control for openings with an electrified locking device and automatic door operator.</td>
</tr>
</tbody>
</table>
LOCKS

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

**3936**
5” (127 mm) Backset Extension Link
Must use with 2-3/4” (70 mm) backset latch
3400 SERIES STRIKES

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

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

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

3400 SERIES ACCESSORIES

3911
Thru-Bolt Jig
For lever set only
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.

Inside and outside rose liners contain independent high strength torsion springs that allow the levers to move bi-directionally without lever sag.

3/4" (18 mm) diameter stainless steel bolt with 1/2" (13 mm) throw

All keyed functions include our clutching feature that allows the lever to freely rotate up or down while remaining locked

ADA compliant lever designs--all non handed and easily field reversible

Fixed cylinder or SFIC housing available
# HOW TO ORDER

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

<table>
<thead>
<tr>
<th>Function</th>
<th>Interior Finish (if different)</th>
<th>Conventional Keyway</th>
<th>Strike</th>
<th>Keying</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 - Passage, Closet</td>
<td>US3 - Knob/Lever US4 US10 US10B US26 US26D US32D - Knob Only</td>
<td>SCC - Schlage C AR1 - Arrow C60 - Corbin 60 C67 - Corbin 67 C77 - Corbin 77 CL4 - Corbin L4 SCE - Schlage E SCF - Schlage F KW1 - Kwikset RD1 - Russwin D1 SGT - Sargent LA YAP - Yale E1R (Para) YGA - Yale GA WE - Weiser E NC - No cylinder (SFIC only)</td>
<td>ASA (standard)</td>
<td>KA - Keyed Alike KD - Keyed Different MK - Master Key CMK - Construction Master Key (C Keyway only) GMK - Grand Master Key SK - Customer Specified Keying 0BC - &quot;0&quot; Bitted Cylinder 1BC - &quot;1&quot; Bitted Cylinder</td>
<td></td>
</tr>
<tr>
<td>17 - Single Dummy Trim</td>
<td></td>
<td></td>
<td>Full Lip</td>
<td>TW - LL 5PK - 6PK - SFIC*</td>
<td></td>
</tr>
<tr>
<td>25 - Communicating, Exit</td>
<td></td>
<td></td>
<td>RC Full Lip</td>
<td>TEE</td>
<td></td>
</tr>
<tr>
<td>27 - BTB Dummy Trim</td>
<td></td>
<td></td>
<td>TW - LL 5PK - 6PK - SFIC*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40 - Privacy Dummy Trim</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50 - Office</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>53 - Entry/Double Locking</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70 - Classroom Lock</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>73 - Corridor</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>79 - Keyed</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80 - Storeroom Lock</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Backset/Faceplate</th>
<th>Interior Finish (if different)</th>
<th>Conventional Keyway</th>
<th>Strike</th>
<th>Keying</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3/4” (70 mm), SC (standard)</td>
<td>US3 - Knob/Lever US4 US10 US10B US26 US26D US32D - Knob Only</td>
<td>SCC - Schlage C AR1 - Arrow C60 - Corbin 60 C67 - Corbin 67 C77 - Corbin 77 CL4 - Corbin L4 SCE - Schlage E SCF - Schlage F KW1 - Kwikset RD1 - Russwin D1 SGT - Sargent LA YAP - Yale E1R (Para) YGA - Yale GA WE - Weiser E NC - No cylinder (SFIC only)</td>
<td>ASA (standard)</td>
<td>KA - Keyed Alike KD - Keyed Different MK - Master Key CMK - Construction Master Key (C Keyway only) GMK - Grand Master Key SK - Customer Specified Keying 0BC - &quot;0&quot; Bitted Cylinder 1BC - &quot;1&quot; Bitted Cylinder</td>
<td></td>
</tr>
<tr>
<td>2-3/4” (70 mm), RC</td>
<td></td>
<td></td>
<td>Full Lip</td>
<td>TW - LL 5PK - 6PK - SFIC*</td>
<td></td>
</tr>
<tr>
<td>2-3/4” (70 mm) Drive-In</td>
<td></td>
<td></td>
<td>RC Full Lip</td>
<td>TEE</td>
<td></td>
</tr>
<tr>
<td>2-3/8” (60 mm), SC</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-3/8” (60 mm), RC</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-3/8” (60 mm) Drive-In</td>
<td></td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Group</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>35 - Cylindrical, Grade 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
1. If master-keyed, include master key instruction sheet with order (available on page 69 or online).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog.

* Small format interchangeable core sold separately. Available in Best Keyways only, A Standard.

**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</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 always unlocked.</td>
<td>F111</td>
</tr>
<tr>
<td>BTB Dummy</td>
<td>27</td>
<td>Pull both sides. 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 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>Office</td>
<td>50</td>
<td>Push-button locking. Push-button locks outside lever until unlocked with key or by rotating inside lever.</td>
<td>F82</td>
</tr>
<tr>
<td>Entry</td>
<td>53</td>
<td>Deadlocking latchbolt by lever either side, except when turn button 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 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>
</tbody>
</table>
## 3500 SERIES FUNCTION CHART (CONTINUED)

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
<th>ANSI No.</th>
</tr>
</thead>
<tbody>
<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 or other locking device on inside. Key in outside lever locks or unlocks outside lever. Operating inside lever releases push button or other locking device placed in a locked position. Closing door releases push button or other inside locking device. 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” [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

Optional tactile warning available on all lever styles (only outside lever will be dimpled unless otherwise specified).
# LOCKS

## 3500 Series

**Grade 2 Cylindrical**

- Standard duty commercial
- Lifetime warranty
- No exposed mounting screws
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core housing available

### Standard Door Prep:
- 2-1/8” (54 mm) Diameter (Cross Bore)
- Latch Hole: 1” (25 mm) Diameter (Edge Bore)

### 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 “A” label single doors
- UL10C Positive Pressure Rated
- UL10B Neutral Pressure Rated

### 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

### Notes:
- 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 - C Keyway
- Drilled 6-pin, Keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from the factory
- Small Format Interchangeable Core housing available
- SFIC uncombined or combined, brass 6- or 7-pin 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” (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

### 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 BTB Dummy (Levers only), 40 Privacy, 50 Office, 53 Entry, 70 Classroom, 73 Corridor (Levers Only), 79 Keyed Communicating, 80 Storeroom

### Finishes:
- US3, US32D (Knobs Only)

### Lever Options:
- Apollo knob; Archer, August, Withnell levers
- Lead Lined (Levers Only)
- Tactile Warning (Levers Only)
- Split Finish
- Additional latchbolts and strikes available

### Notes:
- Blank plate projection is 13/16” (21 mm) for Functions 25 and 79
LOCKS

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

3994
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

3995
2-3/4" (70 mm) Backset
Dead Latch - Corridor Function Only
- 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
- 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 LATCHBOLTS (CONTINUED)

Backset Extension Links

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

3937
5” (127 mm) Backset Extension Link
For use with 2-3/4” (70 mm) backset latch

3500 SERIES STRIKES

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

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

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

3500 SERIES ACCESSORIES

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

3912
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. It is a great fit for narrow stile doors because of the smaller profile.

ADA compliant lever designs--all non handed and easily field reversible

3/4" (18 mm) diameter stainless steel bolt with 1/2" (13 mm) throw

Latchbolt adjustable from 2-3/8" to 2-3/4" (60 mm to 70 mm) backset
### HOW TO ORDER

#### 3653 ADJ US3 US26 ARC SCC KD ASA TW

<table>
<thead>
<tr>
<th>Function</th>
<th>Interior Finish (if different)</th>
<th>Conventional Keyway</th>
<th>Strike</th>
<th>Options</th>
<th>TW</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 - Passage, Closet Latch/Single Locking</td>
<td>US3</td>
<td>SCC - Schlage C, AR1 - Arrow, C60 - Corbin 60, C67 - Corbin 67, C77 - Corbin 77, CL4 - Corbin L4, SCE - Schlage E, SCF - Schlage F, KWI - Kwikset, RD1 - Russwin D1, SGT - Sargent LA, YAP - Yale E1R (Para), YGA - Yale GA, WE - Weiser E, NC - No cylinder (SFIC only)</td>
<td>ASA (standard)</td>
<td>ASA (standard)</td>
<td>TW - Tactile Warning</td>
</tr>
<tr>
<td>17 - Single Dummy Trim</td>
<td>US4</td>
<td></td>
<td>Full Lip</td>
<td>SPKEY - 5-pin keyed, 6PKEY - 6-pin keyed</td>
<td></td>
</tr>
<tr>
<td>40 - Privacy, Bedroom, Bath Lock</td>
<td>US10</td>
<td></td>
<td>RC Full Lip</td>
<td>SFIC* - Small format interchangeable core housing lever</td>
<td></td>
</tr>
<tr>
<td>53 - Entry/Double Locking</td>
<td>US10B US26 US26D</td>
<td></td>
<td>TEE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70 - Classroom Lock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80 - Storeroom Lock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### 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

#### Product Group

- 36 - Tubular, Grade 2

#### Lever Style

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

#### Notes:

1. If master-keyed, include master key instruction sheet with order (available on page 69 or online).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog.

* Small format interchangeable core sold separately. Available in Best Keyways only, A Standard.

**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</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</td>
<td>F76B</td>
</tr>
<tr>
<td></td>
<td></td>
<td>and unlocked by emergency release outside or operating inside lever.</td>
<td></td>
</tr>
<tr>
<td>Keyed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Entry</td>
<td>53</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever</td>
<td>F82B</td>
</tr>
<tr>
<td></td>
<td></td>
<td>is locked by locking device on inside. When outside lever is locked, operating key</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>in outside lever unlocks locking device. Locking device shall automatically release</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>when inside lever is operated or be in the unlocked position before inside lever is</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>operated.</td>
<td></td>
</tr>
<tr>
<td>Classroom</td>
<td>70</td>
<td>Deadlocking latchbolt operated by lever from either side except when outside lever is</td>
<td>F84</td>
</tr>
<tr>
<td></td>
<td></td>
<td>locked from outside by key. When outside lever is locked, latchbolt is operated by</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inside lever.</td>
<td></td>
</tr>
<tr>
<td>Storeroom</td>
<td>80</td>
<td>Deadlocking latchbolt operated by key in outside lever, or by operating inside lever.</td>
<td>F86</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Outside lever is always locked. Inside lever always unlocked.</td>
<td></td>
</tr>
</tbody>
</table>
3600 SERIES LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

WITHNELL LEVER

Optional tactile warning available on all lever styles (only outside lever will be dimpled unless otherwise specified).
3600 Series
Grade 2 Tubular
Heavy Duty Residential - Medium Duty Commercial

- Five-year warranty
- No exposed mounting screws
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core housing available

Standard Door Prep:
- 2-1/8" (54 mm) Diameter (Cross Bore)
- Latch Hole: 1" (25 mm) Diameter (Edge Bore)

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

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 - C Keyway
- Drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from the factory
- Small Format Interchangeable Core housing available
- SFIC uncombinated or combinated, brass 6- or 7-pin 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
- Deadlocking latchbolt prevents manipulation when door is closed; keyed functions 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, 40 Privacy, 53 Entry, 70 Classroom, 80 Storeroom


Lever Options: Archer, August, Withnell levers
Options:
- Tactile Warning
- Split finish


3600 SERIES LATCHBOLTS

Adjustable Backset Spring Latches

**3951**
2-3/8” (60 mm) - 2-3/4” (70 mm)
Adjustable Backset
Spring Latch - Standard
• Square corner
• 1” x 2-1/4” (25 mm x 57 mm) faceplate
• For use with Passage/Privacy functions

Optional Drive-In Latchbolts

**3914**
2-3/8” (60 mm) - 2-3/4” (70 mm)
Adjustable Backset
Spring Latch
For use with Passage/Privacy functions

**3915**
2-3/8” (60 mm) - 2-3/4” (70 mm)
Adjustable Backset
Dead Latch
For use with all keyed functions

Adjustable Backset Dead Latches

**3952**
2-3/8” (60 mm) - 2-3/4” (70 mm)
Adjustable Backset
Dead Latch - Standard
• Square corner
• 1” x 2-1/4” (25 mm x 57 mm) faceplate
• For use with all keyed functions

**3953**
2-3/8” (60 mm) - 2-3/4” (70 mm)
Adjustable Backset
Spring Latch
• Round corner
• 1” x 2-1/4” (25 mm x 57 mm) faceplate
• For use with Passage/Privacy functions

5” Backset Spring Latches

**3939**
5” (127 mm) Backset
Spring Latch
• Square and round corner available
• 1” x 2-1/4” (25 mm x 57 mm) faceplate
• For use with Passage/Privacy functions

Adjustable Backset Dead Latches

**3954**
2-3/8” (60 mm) - 2-3/4” (70 mm)
Adjustable Backset
Dead Latch
• Round corner
• 1” x 2-1/4” (25 mm x 57 mm) faceplate
• For use with all keyed functions

5” Backset Dead Latches

**3938**
5” (127 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

3600 SERIES STRIKES

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

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

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

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

**3959**
Faceplate Adapter
• Converts 1” (25 mm) to 1-1/8” (28 mm) width
• Supplied standard with 3600 Series
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.

- ADA compliant thumbturn
- 1” throw deadbolt with hardened steel roller resists sawing
- Tapered bolt design allows for smooth operation throughout life of lockset
- 3/4” (18 mm) diameter stainless steel bolt with 1/2” (13 mm) throw
- Tapered to prevent wrenching
- Fixed cylinder or SFIC housing available
- ADA compliant lever designs—all non-handed and easily field reversible
LOCKS

3700 SERIES - INTERCONNECTED

3710 2³/₄” US3 US26 ARC SCC KD ASA TW

Function
10 - Passage, Closet Latch/Single Locking
53 - Entry/Double Locking

Product Group
37 - Interconnected, Grade 2

Conventional Keyway
SCC - Schlage C
AR1 - Arrow
C60 - Corbin 60
C67 - Corbin 67
C77 - Corbin 77
CL4 - Corbin L4
SC - Schlage F
SCF - Schlage E
SL - Sargent LA
YAP - Yale E1R (Para)
YGA - Yale GA
PW - Weiser E
NC - No cylinder (SFIC only)

Strike
T-Strike (Standard)
No Lip, DB Strike (standard)
Full Lip
RC Full Lip

Options
LL - Leadlined
5PKEY - 5-pin keyed
6PKEY - 6-pin keyed
SFIC* - Small format interchangeable core housing lever

Keying
KA - Keyed Alike
KD - Keyed Different
MK - Master Key
CMK - Construction Master Key
(C Keyway only)
GMK - Grand Master Key
SK - Customer Specified Keying
0BC - "0" Bitted Cylinder
1BC - "1" Bitted Cylinder

Notes:
1. If master-keyed, include master key instruction sheet with order (available on page 69 or online).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog.

* Small format interchangeable core sold separately. Available in Best Keyways only, A Standard.

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></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interconnected Single Locking Entry</td>
<td>10</td>
<td>Latchbolt operated by lever from either side. Rotating turn from inside or key from outside extends deadbolt to locked position. Both deadbolt and latchbolt are retracted to unlocked position by operating inside lever.</td>
<td>F95</td>
</tr>
<tr>
<td>Interconnected Double Locking Entry</td>
<td>53</td>
<td>Deadlocking latchbolt is operated by lever from either side except when outside lever is made inoperable by locking device inside. When outside lever is locked, deadlocking latchbolt is operated by key outside. Inside locking device is manually operated to unlock outside lever. Rotating turn from inside or key from outside extends deadbolt to locked position. Operating inside lever retracts both deadbolt and latchbolt. Closing door shall not release locking device inside.</td>
<td>F97</td>
</tr>
</tbody>
</table>
3700 SERIES LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

WITHNELL LEVER

INSIDE ESCUTCHEON

OPTIONAL OUTSIDE ESCUTCHEON
LOCKS

3700 Series
Grade 2 Interconnected
Heavy duty residential - medium duty commercial

• Lifetime warranty
• Cylindrical chassis
• No exposed mounting screws
• Non-handed
• Conventional cylinder or Small Format Interchangeable Core housings available

Standard Door Prep:
- 4" (102 mm) center of deadbolt to center of lock chassis
- 2-1/8" (54 mm) Diameter (Cross Bore)
- Latch Hole: 1" (25 mm) Diameter (Edge Bore)

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

Exposed Trim: Wrought Brass or Bronze, cast zinc lever
Lock Chassis: Heavy gauge steel, zinc dichromated
- Thru-bolt mounting

Rose Diameter: 2-1/2" (63 mm)
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 - C Keyway
- Drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from the factory
- Small Format Interchangeable Core housing available
- SFIC uncombinated or combinaded, brass 6- or 7-pin 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

Lever Options: Archer, August, Withnell levers
Options:
- Split finish
- Split lever design
3700 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

Dead Latches

3948 2-3/4" (70 mm) Backset
Dead Latch - Standard
• 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

3700 SERIES STRIKES

3930 Strike Plate
1-1/8" x 2-3/4" (29 mm x 70 mm)

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)

3958 Round Corner Full Lip Strike
• 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

3700 SERIES DEADBOLTS

3920 2-3/4" (70 mm) Backset
Tapered Deadbolt - Standard
• Square and round corner available
• 1-1/8" x 2-1/4" (29 mm x 57 mm) faceplate

3921 2-3/8" (60 mm) Backset
Tapered Deadbolt
• Square and round corner available
• 1" x 2-1/4" (25 mm x 57 mm) faceplate
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.
# Locks

## 3800 Series - Mortise Locks

**How to Order**

<table>
<thead>
<tr>
<th>Product Group</th>
<th>38 - Mortise Lock, Grade 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trim</td>
<td><strong>ESCC</strong> ESC US3 US26 ARC Full6 SCC KD 0 0 0 TW</td>
</tr>
<tr>
<td>Interior Finish</td>
<td><strong>ESCC</strong> - Escutcheon Sectional</td>
</tr>
<tr>
<td>Conventional Keyway</td>
<td><strong>ESCC</strong> - Schlage C AR1 - Arrow C60 - Corbin 60 C67 - Corbin 67 C77 - Corbin 77 CL4 - Corbin L4 SCE - Schlage E SCF - Schlage F KW1 - Kwikset RD1 - Russwin D1 SGT - Sargent LA YAP - Yale E1R (Para) YGA - Yale GA WE - Weiser E NC - No Core</td>
</tr>
<tr>
<td>Cylinder</td>
<td><strong>ESCC</strong> - Full face cylinder 6-pin <strong>ICFull6</strong> - SFIC full face cylinder 6-pin housing <strong>ICFull7</strong> - SFIC full face cylinder 7-pin housing <strong>000</strong> - Less mortise cylinder</td>
</tr>
<tr>
<td>Keying</td>
<td><strong>ESCC</strong> - Keyed Alike KD - Keyed Different MK - Master Key CMK - Construction Master Key (C Keyway only) GMK - Grand Master Key SK - Customer Specified Keying 0BC - &quot;0&quot; Bitted Cylinder 1BC - &quot;1&quot; Bitted Cylinder</td>
</tr>
<tr>
<td>Armor Front</td>
<td><strong>ESCC</strong> - Square Corner 1-1/4&quot; <strong>RCAF</strong> - Round Corner 1-1/4&quot; <strong>NAF</strong> - Narrow 1-1/16&quot;  <strong>RCNAF</strong> - Round Corner Narrow 1-1/16&quot;</td>
</tr>
<tr>
<td>Door Thickness</td>
<td>0 - 1-3/4&quot; door DR1G - 1-3/8&quot; door DR20 - 2&quot; door DR2D - 2-1/4&quot; door DR2S - 2-1/2&quot; door</td>
</tr>
<tr>
<td>Options</td>
<td>TW - Tactile Warning LL - Leadlined EL24 - Fail Safe 24 EL12 - Fail Safe 12 EU24 - Fail Secure 24 EU12 - Fail Secure 12 RX - Request to Exit LM - Latchbolt Monitor DPM - Door Position Monitor WSR - Windstorm Rated</td>
</tr>
<tr>
<td>Strike</td>
<td>0 - Standard (ASA) (1-3/16&quot; lip) EL15 - Extended (1-1/2&quot; lip) FL - Flat (7/8&quot; lip) FLIC - Flat (1-3/16&quot; lip) RCS - Round Corner (1-3/16&quot; lip) RC15 - Round Corner (1-1/2&quot; lip)</td>
</tr>
<tr>
<td>Notes</td>
<td>Finishes other than US26D and US32D may require extended lead times. If master-keyed, include master key instruction sheet with order (available on page 69 or online). For additional keying information, refer to cylinder, core, and keying section of catalog. Small format interchangeable core sold separately. Available in Best Keyways only, A Standard. Ordering example 3850 SECT 26D WTN ICFULL6 NC</td>
</tr>
</tbody>
</table>
MORTISE DEADLOCKS HOW TO ORDER

3860 SECT US3 US26 Full6 SCC KD 0 0 0 LL

Trim
SECT - Sectional

Interior Finish
(if different)

Function
60 - Deadbolt/Cylinder x Thumbturn*
62 - Deadbolt/Double Cylinder*
63 - Deadbolt/Classroom*
64 - Deadbolt/Cylinder*

Finish
US3
US4
US10
US10B
US26
US26D

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
KW1 - Kwikset
RD1 - Russwin D1
SGT - Sargent LA
YAP - Yale E1R (Para)
YGA - Yale GA
WE - Weiser E
NC - No Core
(SIFIC mortise housing only)

Cylinder
Full6 - Full face cylinder 6-pin
ICFull6* - SFIC full face cylinder 6-pin housing
ICFull7* - SFIC full face cylinder 7-pin housing
000 - Less mortise cylinder

Keying
KA - Keyed Alike
KD - Keyed Different
MK - Master Key
CMK - Construction Master Key
(C Keyway only)
GMK - Grand Master Key
SK - Customer Specified Keying
0BC - “0” Bitted Cylinder
1BC - “1” Bitted Cylinder

Options
LL - Leadlined

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

Strike
NL - No lip (standard with deadbolts)

Armor Front
0 - Square Corner
1-1/4”
RCAF - Round Corner
1-1/4”
NAF - Narrow 1-1/16”
RCNAF - Round Corner
Narrow 1-1/16”

Notes:
- Finishes other than US26D and US32D may require extended lead times.
- If master-keyed, include master key instruction sheet with order (available on page 69 or online).
- For additional keying information, refer to cylinder, core, and keying section of catalog.

* Small format interchangeable core sold separately. Available in Best Keyways only, A Standard.

Ordering example 3680 SECT 26D ICFULL6 NC
## 3800 SERIES ESCUTCHEON AND SECTIONAL LOCKS 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><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>Classroom Security</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 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>
</tbody>
</table>
## 3800 SERIES ESCUTCHEON AND SECTIONAL LOCKS FUNCTION CHART (CONTINUED)

<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 Without Deadbolt</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>
<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 &quot;Occupied.&quot; 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>
<tr>
<td>Non-Keyed Dummy</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Single Dummy</td>
<td>17</td>
<td>Lever on one side fixed by mounting bar.</td>
<td>-</td>
</tr>
<tr>
<td>Double Dummy</td>
<td>27</td>
<td>Lever on both sides fixed by mounting bar.</td>
<td>-</td>
</tr>
</tbody>
</table>

## 3800 SERIES DEADLOCKS 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</td>
<td>60</td>
<td>Deadbolt thrown or retracted by key outside or thumbturn inside.</td>
<td>F17</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>Classroom</td>
<td>63</td>
<td>Deadbolt thrown or retracted by key from outside. Inside thumbturn cylinder retracts deadbolt but cannot project it.</td>
<td>F29</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>
</tbody>
</table>
LOCKS

3800 SERIES ESCUTCHEON LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

WILLIAM LEVER

WITHNELL LEVER

Optional tactile warning available on all lever styles (only outside lever will be dimpled unless otherwise specified).
3800 SERIES SECTIONAL LEVER OPTIONS

ARCHER LEVER

AUGUST LEVER

WILLIAM LEVER

WITHNELL LEVER

Optional tactile warning available on all lever styles
(only outside lever will be dimpled unless otherwise specified).

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www.hagerco.com
LOCKS

3800 Series
Grade 1 Mortise (Escutcheon)
Heavy duty commercial, industrial, institutional

- Lifetime warranty
- Concealed thru-bolts
- Field reversible
- Standard mortise cylinder or Small Format Interchangeable Core housing available
- BHMA Certified Grade 1 Security with standard mortise cylinder

Standard Door Prep:
- 3-5/8" (92 mm) Center of cylinder to spindle
- 2-7/16" (62 mm) Center of thumbturn to spindle

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 (must specify)

Exposed Trim:
- Cast Zinc - Standard
- Forged Brass, Cast Stainless Steel - Optional

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
- 1-1/16" x 8" x 7/32" (27 mm x 203 mm x 5 mm) - Optional

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

Keys:
- Two operating keys supplied per lock

Cylinders/Cores:
- Brass - Keyed Different - C Keyway
- Drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from factory
- Small Format Interchangeable Core housing available
- SFIC uncombinated or combinated, brass 6- or 7-pin sold separately
- Schlage “L” Cam - Standard

Door Thickness:
- 1-3/8" - 2-1/2" (35 mm - 64 mm) - Steel Door
- 1-3/4" - 2-1/2" (45 mm - 64 mm) - Wood Door
- Must specify door thickness if greater than 1-3/4" (45 mm)
- Privacy functions have a maximum door thickness of 2" (51 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), 1-3/16" (30 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 Classroom Security, 61 Apartment, 70 Classroom, 80 Storeroom, 81 Storeroom with Deadbolt, 82 Institution, 96 Privacy with Indicator

Finishes:
- US3, US4, US10B and US26 subject to extended lead time

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

Options:
- Tactile Warning
- Lead lining
- Split finish

Notes:
- Self-adjusting case for beveled doors
- Stopworks are incorporated in thumbturn
- Breakable spindles prevent the lock from unlocking or being damaged
- Non-handed, stainless steel, deadlocking bar
3800 Series
Grade 1 Mortise (Sectional)
Heavy duty commercial, industrial, institutional

- Lifetime warranty
- Concealed thru-bolts
- Field reversible
- Standard mortise cylinder or Small Format Interchangeable Core housing available
- BHMA Certified Grade 1 Security with standard mortise cylinder

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

Certifications:
- BHMA Certified ANSI A156.13 Series 1000 Grade 1 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 (must specify)

Exposed Trim:
- Cast Zinc - Standard
- Forged Brass, Cast Stainless Steel - Optional

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
- 1-1/16” x 8” x 7/32” (27 mm x 203 mm x 5 mm) - Optional

Rose Diameter:
- 2-7/16” (62 mm)

Keys:
- Two operating keys supplied per lock

Cylinders/Cores:
- Brass - Keyed Different - C Keyway
- Drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from factory
- Small Format Interchangeable Core housing available
- SFIC uncombined or combined, brass 6- or 7-pin sold separately
- Schlage “L” Cam - Standard

Door Thickness:
- 1-3/8” - 2-1/2” (35 mm - 64 mm) - Steel Door
- 1-3/4” - 2-1/2” (45 mm - 64 mm) - Wood Door
- Must specify door thickness if greater than 1-3/4” (45 mm)
- Privacy functions have a maximum door thickness of 2” (51 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), 1-3/16” (30 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 Classroom Security, 70 Classroom, 80 Storeroom, 81 Storeroom with Deadbolt, 82 Institution, 96 Privacy with Indicator

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

Options:
- Tactile Warning
- Lead lining
- Split finish

Finishes:

Notes:
- Self-adjusting case for beveled doors
- Stopworks are incorporated in thumbturn
- Breakable spindles prevent the lock from unlocking or being damaged
- Non-handed, Stainless Steel, deadlocking bar
## 3800 Series - Electrified

**Grade 1 Mortise**  
Extra heavy duty commercial, industrial, institutional

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

### 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

### 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.  
- Interface with life-safety systems  
- Continuous-duty solenoids

### Voltage
- 12V AC/DC; current - .612 AMP  
- 24V AC/DC; current - .330 AMP  
- Specify 12V or 24V when ordering

<table>
<thead>
<tr>
<th>Function</th>
<th>Function No.</th>
<th>Function Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storeroom - Fail Safe</td>
<td>3880EL</td>
<td>Outside lever continuously locked electrically. Unlocked by key outside, by breaking electric current, or by power failure. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress.</td>
</tr>
<tr>
<td>Storeroom - Fail Secure</td>
<td>3880EU</td>
<td>Outside lever continuously locked until unlocked by key or electric current. Auxiliary latch deadlocks latchbolt when door is closed. Inside always free for immediate egress.</td>
</tr>
<tr>
<td>Institution - Fail Safe</td>
<td>3882EL</td>
<td>Both levers continuously locked electrically. Unlocked by key from either side, by breaking electrical current, or by power failure. Auxiliary latch deadlocks latchbolt when door is closed.</td>
</tr>
<tr>
<td>Institution - Fail Secure</td>
<td>3882EU</td>
<td>Both levers continuously locked until unlocked by key from either side or by supplying electrical current. 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 alarm systems or in conjunction with an electromagnet. Available on 3880, 3882, or in combination with 3880EL/3880EU or 3882EL/3882EU.</td>
</tr>
<tr>
<td>Latchbolt Monitor</td>
<td>LM</td>
<td>A single switch (SPDT) mounted inside lockset monitors the full extension of the latchbolt. Available on 3880, 3882, or in combination with 3880EL/3880EU or 3882EL/3882EU.</td>
</tr>
<tr>
<td>Door Position Monitor</td>
<td>DPM</td>
<td>A single switch (SPDT Reed Magnetic Switch) mounted inside lockset monitors whether the door is fully closed. Available on 3880, 3882, or in combination with 3880EL/3880EU or 3882EL/3882EU.</td>
</tr>
</tbody>
</table>
3800 Series - Power Supplies

Hager 2903 and 2904 power supplies are designed to power locking devices. Their features include:

- UL Listed
- Filtered/regulated 24 VDC
- 2 AMP load capacity
- Overload protection
- Over voltage protection
- Short circuit protection
- Surge suppression on Fail Safe and Fail Secure outputs
- Automatically accepts 120 VAC or 240 VAC inputs

2903
This power supply includes:
- Interface relay to isolate the locking device current from the control switch
- Auxiliary 24 VDC constant voltage for powering stand alone devices such as keypads, motion detectors, status indicators, etc.

2904
This power supply includes:
- Separate inputs for activation switch on entry and exit sides of the opening
- Relay contact output to automatic door operator (N.O. or N.C. contacts)
- Built-in time delay between activation of electrified locking device and automatic door operator
- Input of optional emergency release switch when urgent unlocking of the door is required
- Auxiliary 24 VDC constant voltage output
- Separate 24 VDC outputs for Fail Safe and Fail Secure electrified locking devices

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2903</td>
<td>Provides power for Fail Safe or Fail Secure locking devices and interference with building alarm controls, card reader, keypads, and other door controls.</td>
</tr>
<tr>
<td>2904</td>
<td>Provides power and control for openings with an electrified locking device and automatic door operator.</td>
</tr>
</tbody>
</table>
3800 SERIES STRIKES

3985 Standard Lip Strike
- Square corner
- 1-1/4” x 4-7/8” x 1-3/16” (32 mm x 124 mm x 38 mm)

3986 Extended Lip Strike
- Square corner
- 1-1/4” x 4-7/8” x 1-1/2” (32 mm x 124 mm x 38 mm)

3987 Standard Lip Strike
- Round corner
- 1-1/4” x 4-7/8” x 1-3/16” (32 mm x 124 mm x 30 mm)

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

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

3990 Extended Flat Lip Strike
- Square corner
- 1-1/4” x 4-7/8” x 1-3/16” (32 mm x 124 mm x 30 mm)

3800 SERIES MORTISE CYLINDERS

3902 Mortise Cylinder
- If cylinder is ordered separately from the mortise lock, please specify Schlage “L” Cam
- Conventional cylinder or Small Format Interchangeable Core housing available
- SFIC core sold separately
- For more cylinder information, please refer to cylinder, core, and keying section.

3800 SERIES CYLINDER COLLARS

3918 Tapered Cylinder Collar
For use with sectional mortise lock, standard 1-1/8” cylinder, 1-3/4” door

3928 Flat Cylinder Collar
For use with special cylinders and door thicknesses
3800 Series
Grade 1 Mortise Deadlock
Heavy duty commercial, industrial, institutional

- Lifetime warranty
- Concealed thru-bolts
- Non-handed
- Standard mortise cylinder or Small Format Interchangeable Core housing 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

Exposed Trim:
Forced Brass, Cast Stainless Steel - Optional

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
- 1-1/16" x 8" x 7/32" (27 mm x 203 mm x 5 mm) - Optional

Keys:
Two operating keys supplied per lock

Cylinders/Cores:
- Brass - Keyed Different - C Keyway
- Drilled 6-pin, keyed 5-pin - Standard
- Other keying options, including keyed 6-pin, available from factory
- Small Format Interchangeable Core housing available
- Schlage "L" Cam - Standard

Door Thickness:
- 1-3/8" - 2-1/2" (35 mm - 64 mm) - Steel Door
- 1-3/4" - 2-1/2" (45 mm - 64 mm) - Wood Door
- 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,

Options:
Lead lining

Finishes:

Notes:
Self-adjusting case for beveled doors

3800 SERIES DEADLOCKS STRIKES

3991
No Lip Strike
- Square corner
- 1-1/4" x 4-7/8" (32 mm x 124 mm)

3800 SERIES MORTISE CYLINDERS

3902
Mortise Cylinder
- If cylinder is ordered separately from the mortise lock, please specify Schlage "L" Cam
- Conventional cylinder or Small Format Interchangeable Core housing available
- SFIC core sold separately
- For more cylinder information, please refer to cylinder, core and keying section.
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.

ADA compliant lever designs—all non handed and easily field reversible

3/4” (18 mm) diameter stainless steel bolt with 1/2” (13 mm) throw

Inside and outside rose liners contain independent high strength torsion springs that allow levers to move bi-directionally without lever sag

Solid cast zinc levers

Fixed cylinder or SFIC housing available
LOCKS

HOW TO ORDER

2553 23/4" US3 US26D ARC SCC KD ASA TW

Function
10 - Passage, Closet Latch/Single Locking
17 - Single Dummy Trim
25 - Communicating, Exit
27 - BTB Dummy Trim
40 - Privacy, Bedroom, Bath Lock
50 - Office
53 - Entry/Double Locking
70 - Classroom Lock
80 - Storeroom Lock

Interior Finish
US3 US10B 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
KW1 - Kwikset
RD1 - Russwin D1
SGT - Sargent LA
YAP - Yale E1R (Para)
YGA - Yale GA
WE - Weiser E
NC - No cylinder

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

Product Group
25 - Cylindrical, Grade 2

Interior Finish (if different)

Conventional Keyway

Strike
ASA (standard)
Full Lip
RC Full Lip
TEE

Options
TW - Tactile Warning
LL - Leadlined
5KEY - 5-pin keyed
6KEY - 6-pin keyed
SFIC* - Small format interchangeable core housing

Keying
KA - Keyed Alike
KD - Keyed Different
MK - Master Key
CMK - Construction Master Key
(C Keyway only)
GMK - Grand Master Key
SK - Customer Specified Keying
0BC - "0" Bitted Cylinder
1BC - "1" Bitted Cylinder

Lever Style
ARC - Archer Lever
WTN - Withnell Lever

Notes:
1. If master-keyed, include master key instruction sheet with order (available on page 69 or online).
2. For additional keying information, please refer to cylinder, core, and keying section of catalog.

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

<table>
<thead>
<tr>
<th>Non-Keyed</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Function</td>
<td>Function No.</td>
<td>Function Description</td>
<td>ANSI No.</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</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” [31 mm] projection). Inside lever always unlocked.</td>
<td>F111</td>
</tr>
<tr>
<td>BTB Dummy</td>
<td>27</td>
<td>Pull both sides. 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 and unlocked by emergency release outside, operating inside lever or closing door.</td>
<td>F76A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Keyed</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Office</td>
<td>50</td>
<td>Push-button locking. Push-button locks outside lever until unlocked with key or by rotating inside lever.</td>
<td>F82</td>
</tr>
<tr>
<td>Entry</td>
<td>53</td>
<td>Deadlocking latchbolt is operated by lever from either side except when outside lever is made inoperable by locking device inside. When outside lever is locked, deadlocking latchbolt is operated by key outside. Inside locking device is manually operated to unlock outside lever. Rotating turn from inside or key from outside extends deadbolt to locked position. Operating inside lever retracts both deadbolt and latchbolt. Closing door shall not release locking device inside.</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>
2500 SERIES LEVER OPTIONS

ARCHER LEVER

WITHNELL LEVER

Optional tactile warning available on all lever styles
(only outside lever will be dimpled unless otherwise specified).
2500 Series
Grade 2 Cylindrical
Standard duty commercial

- One-year warranty
- No exposed mounting screws
- Non-handed
- Standard cylinder or Small Format Interchangeable Core housing available

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

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 “A” label single doors
- UL 10C Positive Pressure Related
- UL 10B Neutral Pressure Rated

Warranty:
- One-year

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
- 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
- Brass, keyed different, C keyway
- Drilled 6-pin, keyed 5-pin
- Other keying options, including keyed 6-pin, available from the factory
- Small Format Interchangeable Core housing available
- SFIC uncombined or combined, brass 6- or 7-pin 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” backset
- 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
- Optional strikes available

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

Finishes:

Lever Options:
- Archer, Withnell levers

Options:
- Lead lined
- Tactile Warning

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

**2500 SERIES LATCHBOLTS**

### Spring Latches

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Backset</th>
<th>Description</th>
<th>Faceplate Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3947</td>
<td>2-3/4”</td>
<td>2-3/4” (70 mm) Backset</td>
<td>1-1/8” x 2-1/4” (29 mm x 57 mm)</td>
</tr>
<tr>
<td>3949</td>
<td>2-3/8”</td>
<td>2-3/8” (60 mm) Backset</td>
<td>1” x 2-1/4” (25 mm x 57 mm)</td>
</tr>
</tbody>
</table>

### Optional Drive-In Spring Latches

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Backset</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3922</td>
<td>2-3/4”</td>
<td>2-3/4” (70 mm) Backset</td>
</tr>
<tr>
<td>3925</td>
<td>2-3/8”</td>
<td>2-3/8” (60 mm) Backset</td>
</tr>
</tbody>
</table>

### Privacy Spring Latches

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Backset</th>
<th>Description</th>
<th>Faceplate Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3965</td>
<td>2-3/4”</td>
<td>2-3/4” (70 mm) Backset</td>
<td>1-1/8” x 2-1/4” (29 mm x 57 mm)</td>
</tr>
<tr>
<td>3967</td>
<td>2-3/8”</td>
<td>2-3/8” (60 mm) Backset</td>
<td>1” x 2-1/4” (25 mm x 57 mm)</td>
</tr>
</tbody>
</table>

### Optional Drive-In Dead Latches

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Backset</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3923</td>
<td>2-3/4”</td>
<td>2-3/4” (70 mm) Backset</td>
</tr>
<tr>
<td>3926</td>
<td>2-3/8”</td>
<td>2-3/8” (60 mm) Backset</td>
</tr>
</tbody>
</table>

### Dead Latches

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Backset</th>
<th>Description</th>
<th>Faceplate Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3948</td>
<td>2-3/4”</td>
<td>2-3/4” (70 mm) Backset</td>
<td>1-1/8” x 2-1/4” (29 mm x 57 mm)</td>
</tr>
<tr>
<td>3950</td>
<td>2-3/8”</td>
<td>2-3/8” (60 mm) Backset</td>
<td>1” x 2-1/4” (25 mm x 57 mm)</td>
</tr>
</tbody>
</table>

### Backset Extension Links

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Backset</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3917</td>
<td>3-3/4”</td>
<td>3-3/4” (95 mm) Backset</td>
</tr>
<tr>
<td>3937</td>
<td>5”</td>
<td>5” (127 mm) Backset</td>
</tr>
</tbody>
</table>
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)

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
Throbolt Jig
LOCKS

CONVENTIONAL/FIXED CYLINDERS

Keying Options

Keyed function locks are supplied standard with Schlage 'C' keyway cylinder, drilled 6-pin, keyed 5-pin and will be keyed different with two operating keys unless otherwise specified.
- Keyed Alike, 0 Bitted, 1 Bitted
- Master Keyed, Grand Master Keyed [must specify quantity of Master keys where applicable, 3961 (5-pin) or 3962 (6-pin)]
- Construction Master Keyed (C keyway only)
- Keyed to Specific or Existing Number
- Submit master keying form; pages 72-73 or online
- 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
- Extra Cut Keys (3961 - Cut 5-pin, 3962 - Cut 6-pin)

Optional Keyways (Conventional Cylinders)

Arrow AR1
Corbin 60
Corbin 67
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, C keyway

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

3956
Key Blank
6-pin, C keyway

3962
Cut Key
6-pin, keyed to specific or existing number
CONVENTIONAL/FIXED CYLINDERS (CONTINUED)

Cylinders

3960
Fixed Cylinder Kit
Includes two operating keys
Specify keyway, tailpiece, and how keyed
Note: Cylinder instructions and ordering guide available online

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, 3495L (Exterior Lever)

2-639-7002
Tailpiece 3
Pack of 10 tailpieces for use with 3453K, 3480K, 3550L, 3553K, 3579L, 3580L, 3580K, 3753L, 2550L, 2553L

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, 3680L

2-639-7087
Tailpiece Z
Pack of 10 tailpieces for use with 3473L, 3570L, 3573L

2-639-7094
Tailpiece X
Pack of 10 tailpieces for use with 3495L (Interior Lever)

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 Cylinders

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 included (shipped loose in box)
• Supplied with two operating keys

3903
Rim Dummy Cylinder

Rim Cylinder Accessories

2-639-7045
Standard Breakoff Tailpiece
1-3/4” (45 mm)

2-639-7058
Long Breakoff Tailpiece
2-3/8” (60 mm)
CONVENTIONAL/FIXED CYLINDERS (CONTINUED)

Rim Cylinder Accessories (Continued)

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 Cylinders

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) available
• **Must specify length, cam, keyway,**
and keying instructions

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

3905
Mortise ADA Turn Knob
1-1/8” (29 mm) length

Mortise Cylinder Cams

3971
Yale Cam
Radius .722” (18 mm)

3972
Adams Right 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)
SMALL FORMAT INTERCHANGEABLE CORE

Keying Options
Cores are furnished keyed different unless otherwise specified. Other keying options include:
• Keyed Alike
• Construction Cores
• Master keyed, Grand 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
• Bitting Lists are available, ordered separately from Master Keyed order, specify 3998
* Construction master keyed not available.

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 Keys

**3983**
SFIC Key Blank
Best Keyways, used with 6-pin and 7-pin cores

**3984**
SFIC Cut Key
Best Keyways, used with 6-pin and 7-pin cores

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)

**2-639-7171**
3984 Control Key (BA IC 6 Red)

Note: Two (2) each will be shipped unless otherwise specified.
# SMALL FORMAT INTERCHANGEABLE CORE (CONTINUED)

## SFIC Tailpieces

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-639-7060</td>
<td>Pack of 10 tailpieces for use with 2500/3500 Series SFIC lever (6-pin/7-pin combo)</td>
<td></td>
</tr>
<tr>
<td>2-639-7061</td>
<td>Pack of 10 tailpieces for use with 3400/3500 Series SFIC knob (6-pin/7-pin combo)</td>
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<tr>
<td>2-639-7090</td>
<td>Pack of 10 tailpieces for use with 3753 Interconnected Lock SFIC lever (6-pin/7-pin combo)</td>
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<tr>
<td>2-639-7091</td>
<td>Pack of 10 tailpieces for use with 3114/3214 SFIC deadbolt (6-pin/7-pin combo)</td>
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<tr>
<td>2-639-7095</td>
<td>Pack of 10 tailpieces for use with 3115/3118/3215 and 3710/3753 SFIC deadbolt (6-pin/7-pin combo)</td>
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</tbody>
</table>

## SFIC Rim Cylinder Housing

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>3901 Rim Cylinder</td>
<td>Furnished with trim ring, mounting plate, and break off screws</td>
<td>Long tail piece standard Small Format Interchangeable Core housing supplied less core Specify 6- or 7-pin.</td>
</tr>
<tr>
<td>3902 Mortise Cylinder</td>
<td></td>
<td>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, 6-pin 1-1/4”, 7-pin 1-3/8”</td>
</tr>
</tbody>
</table>

## SFIC Rim Cylinder Accessories

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-639-7045</td>
<td>Standard Breakoff Tailpiece 1-3/4” (45 mm)</td>
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<tr>
<td>2-639-7058</td>
<td>Long Breakoff Tailpiece 2-3/8” (60 mm)</td>
<td></td>
</tr>
<tr>
<td>2-300-0118</td>
<td>Extra Long Breakoff Screws 2-3/8” (60 mm)</td>
<td></td>
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</tbody>
</table>
HOW TO ORDER KEY SYSTEMS

2 LEVEL SYSTEMS
Simple Master Key System

The master key symbol consists of TWO letters, such as AA. The change key numbers are added to the master key letters. The numbers come FIRST: 1AA, 2AA, 3AA, etc.

When locks are required which are not operated by the master key or other change keys in the system, they are referred to as "single keyed" and given symbols SKD1, SKD2, etc.

When all higher levels of master keys are to be disallowed, suffix (NMK) to the symbol of the key which is to operate. This means "not master keyed." Cylinder 1AA(NMK) is operated by 1AA only. The AA master is blocked from operation.

3 LEVEL SYSTEMS
Grand Master Key System

The grand master is assigned any ONE letter, such as A. The master keys under this grand are assigned two letters, the first of which must be the same as the grand: AA, AB, AC, etc. are all masters under grand A. Masters BA, BB, BC, etc. are all under grand B. Caution: Do not use the letters I or O because of possible confusion with the numerals 1 and 0, respectively. Change key numbers come after the letters.

For master keys beyond AZ, insert a numeral between the letters to designate which pass through the alphabet they represent. A2A through A2Z represents the second pass of masters under grand A. A3A through A3Z would be the third. Change keys under these masters have the numbers suffixed in the usual way: A2A1, A2A50, etc.

If the cylinder is to be operated by its change key and nothing lower than the single lettered GMK, the change number is added to the GMK symbol. This is illustrated by the example A1 in the schematic shown.

When locks are required which are not operated by ANY master keys or other change keys in the system, they are referred to as "single keyed" and given symbols SKD1, SKD2, etc.

When all higher levels of master keys are to be disallowed, suffix (NMK) to the symbol of the key which is to operate. This means "not master keyed" and can be applied to any level in the system. Cylinder AA1(NMK) is operated by AA1 only. The AA master and A grand are blocked from operation. Cylinder AA(NMK) would be operated by the AA master only. Grand A does not operate.
HOW TO ORDER KEY SYSTEMS (CONTINUED)

4 LEVEL SYSTEMS

Great Grand Master Key System

The great grand master key is assigned the symbol **GGM**. The rest of the symbols are the same as those in 3-level systems: The GMKs are assigned single letters, e.g., **A, B, C, D**, etc. Caution: Never use **X** for a grand master key due to the confusion which will result with cross keying symbols presented on the next page.

Masters under each GMK are assigned two letters, the first of which is the same as its respective grand master key. Change key numbers come after the letters. Changes under the grand (**A1, B1**, etc.) and masters beyond **AZ** are handled exactly as in the 3-level system already described.

Changes directly under a grand are also handled as illustrated in the 3-level system. For changes directly under the **GGM** with no intermediate level masters, the change number is added directly to **GGM** as shown by the example **GGM1** in the schematic.

When locks are required which are not operated by ANY master keys or other change keys in the system, they are referred to as "single keyed" and given symbols **SKD1, SKD2**, etc.

When all higher levels of master keys are to be disallowed, suffix (**NMK**) to the symbol of the key which is to operate. This means "not master keyed" and can be applied to any level in the system. Cylinder **AA1(NMK)** is operated by **AA1** only. The **AA** master, **A** grand and **GGM** are all blocked from operation. Cylinder **AA(NMK)** is operated by the **AA** master only. Grand **A** and the **GGM** do not operate. Cylinder **A(NMK)** would be operated by the **A** grand only, without the **GGM**.

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. A selective master key is usually very close to the system’s top master key, both physically and through its realm of access. Nevertheless, it must be blocked from operating in many areas.

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**. Change keys directly under the selective key, such as **ENG1**, are operated by all higher level keys, such as **GGM**.

Like cross keying, a 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

Convenience May Reduce Cylinder Security and Hinder System Expansion
Whenever two or more different 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 level keys, such as AA1 and AA2, it is known as controlled cross keying. When it combines keys under different higher level keys, such as AA1 and AB1, it is known as uncontrolled cross keying.

In addition to reducing the security of the cylinder, 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.

Case #1
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 key. Each doctor carries a key which operates only one office, but is also cross keyed into the entrance from the corridor.

Determine the symbol of the change key (example: AA3). Then prefix the letter X (example: XAA3). Then list all keys which are to operate in an “operated by...” phrase. Example: XAA3 operated by AA1, AA2, AA, and A. Note that X is a cylinder specification only. The keys for cylinder XAA3 are designated AA3.

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

In this case, place an X at both the beginning and end of the symbol and a number between them. Example: X1X, X2X, etc. Again, always include the “operated by . . . “ phrase with a complete listing of key symbols to operate.

Note: Hager will not do uncontrolled cross-keying due to reduced security and expansion capabilities.

KEYED ALIKE
Use keyed alike groups to conserve key combinations. Study blueprints or building structures 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 key symbol). This conserves combinations for future use as well as reduces the need to issue master keys.
**Master Keying Form**

**Hager order number:**

**Account number:**

**Customer:**

**Customer PO number:**

**Job name:**

**Location:**

**Ship to:**

**Requested ship date:**

**Requested ship date:**

---

1. **System**
   - **New**
   - **Existing**

   If existing, please attach bitting sheet and complete following field:

   **Original Hager order number:**

2. **System type**
   - **Conventional keyed 5-pin (standard)**
   - **Conventional keyed 6-pin**
   - **Small Format Interchangeable core keyed 6-pin**
   - **Small Format Interchangeable core keyed 7-pin**

3. **System level and key quantity**

   **Level**
   - **GGGMK**
   - **GGMK**
   - **GMK**
   - **MK**
   - **Construction MK (Lost Ball) (for conventional only)**
   - **Other**

   **Quantity**

   **Change keys**
   - **Per core/cylinder**
   - **Per key symbol**
   - **Per cylinder/core per KA/KD**

   **Special function**
   - **Control**
   - **Maintenance**
   - **Housekeeping**
   - **Mechanical**
   - **Engineering**
   - **Janitorial**
   - **SKD**
   - **Other**

4. **Key stamping (visual key control)**
   - **Key set symbol**
   - **Door number**
   - **Bitting number**
   - **Do not duplicate (standard with interchangeable core)**
   - **Other**

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

5. **Packing**
   - **Pack keys with lock**
   - **Pack keys separate from lock**

   **Marking instructions (labels, packaging, etc.):**

6. **3998 bitting list - no charge if specified with original order**
   - **Yes**
   - **No**

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

8. Contact

Name: ____________________________
Title: ____________________________
Phone: __________________________
Fax: _____________________________
Email: __________________________
Signature: ________________________

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

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

Note: If forms are not completely filled out, it will delay shipment of order.
<table>
<thead>
<tr>
<th>Quantity</th>
<th>Door #</th>
<th>Keyset</th>
<th>Hardware set</th>
<th>Operated by</th>
<th>Remarks</th>
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