



**1. Product Name**  
Locking Hardware

- Deadbolts - 3100 & 3200 Series
- Cylindrical Locks - 3400 & 3500 Series
- Tubular Locks - 3600 Series
- Interconnected Locks - 3700 Series
- Mortise Locks - 3800 Series

**2. Manufacturer**

Hager Companies  
139 Victor St.  
St. Louis, MO 63104  
(800) 255-3590  
(314) 772-4400  
Fax: (800) 782-0149  
E-mail: webmaster@hagerco.com  
www.hagerco.com

**3. Product Description**

**BASIC USE**

Hager Companies manufactures high quality ANSI/BHMA certified cylindrical, deadbolt, mortise and tubular locking hardware for new construction and retrofit door systems. With a variety of finishes and accessories, Hager offers Grade 1 products for heavy duty institutional, commercial and industrial applications and Grade 2 products for more standard duty commercial applications.

Functions vary by lock series:

- 3100 Series deadbolt with interchangeable core - Double cylinder, single cylinder, classroom
- 3200 Series deadbolt with standard core - Double cylinder, single cylinder, thumbturn
- 3400 Series cylindrical lock with Apollo knob, Archer or Withnell lever - Entry, office (levers only), classroom, storeroom, privacy, passage, dummy
- 3500 Series cylindrical lock with Apollo knob, Archer or Withnell lever - Office (levers only), keyed communicating (levers only), exit (levers only), entry, classroom, storeroom, privacy, passage, dummy
- 3600 Series tubular lock with Archer or Withnell lever - Entry, storeroom privacy, passage, dummy, classroom
- 3700 Series interconnected lock with Archer, August or Withnell lever - Single or double entry locking, passage, storeroom, keyed communi-



3400 Series cylindrical locks

- cation, corridor, classroom, entry, office, exit
- 3800 Series mortise lock with Archer, William or Withnell lever - Entry, office, classroom, storeroom, privacy, passage, classroom security, storeroom with deadbolt, dummy, double dummy, cylinder lock, cylinder X thumbturn, double cylinder, classroom lock

**COMPOSITION & MATERIALS**

**Deadbolts - 3100 & 3200 Series**

- Lock mechanism is zinc plated and dichromated heavy gauge steel
- Cylinders are brass 6 pin, keyed different (C keyway)
- Interchangeable cores, sold separately, are brass 6 or 7 pin
- Latchbolts have a 1" (25.4 mm) brass throw with a concealed hardened steel roller to prevent sawing or cutting

**Cylindrical Locks - 3400 & 3500 Series**

- Lock chassis is heavy gauge steel, zinc dichromated for corrosion resistance
- Cylinders are brass 6 pin, keyed different (C keyway)
- Interchangeable cores, sold separately, are brass 6 or 7 pin
- Latchbolts have a 1/2" (12.7 mm) stainless steel throw



3500 Series cylindrical locks

**Tubular Locks - 3600 Series**

- Lock chassis is zinc plated and dichromated heavy gauge steel
- Cylinders are brass 6 pin, keyed different (C keyway)
- Latchbolts have a 1/2" (12.7 mm) stainless steel throw

**Interconnected Locks - 3700 Series**

- Lock chassis is zinc dichromated heavy gauge steel with thru-bolt mounting
- Cylinders are brass 6 pin, keyed different (C keyway); keyed 5-pin, standard
- Interchangeable cores, sold separately, are brass 6 or 7 pin

**Mortise Locks - 3800 Series**

- Cylinders are brass 6 pin, keyed different (C keyway)
- Interchangeable cores, sold separately, are brass 6 or 7 pin
- Deadbolts have a 1" (25.4 mm) stainless steel throw with a concealed hardened steel roller
- Latchbolts have a 3/4" (19.1 mm) stainless steel throw with a concealed hardened steel roller



**Interchangeable Core**

**3100 Series**

**Grade 1**  
Auxiliary and primary locking

3100 Series deadbolt locks

**TYPES, FINISH**

Deadbolts - 3100 & 3200 Series

3100 Series deadbolts are Grade 1 heavy duty and 3200 Series are Grade 2 standard duty deadbolts. Exposed trim for Grade 1 products is of brass or bronze; exposed trim for Grade 2 products is of wrought brass, stainless steel or bronze. Deadbolt Series 3100 are available with a US3, US4, US10, US10B, US26 or US26D finish. Deadbolt Series 3200 are available with a US3, US4, US10, US10B, US26, US26D, US32 or US32D finish.

Cylindrical - 3400 & 3500 Series

Cylindrical 3400 Series are Grade 1 heavy duty commercial, industrial and institutional locks; 3500 Series are Grade 2 standard duty commercial locks. Exposed trim for knobs is of wrought brass or stainless steel; exposed trim for levers is wrought brass, bronze or stainless steel, zinc based. Both Cylindrical 3400 and 3500



**Standard Core**

**3200 Series**

**Grade 2**  
Auxiliary and primary locking

3200 Series deadbolt locks

Series lock levers are available with a US3, US4, US10, US10B, US26 or US26D finish. Knobs are available with a US3 or US32D finish.

Tubular Locks - 3600 Series

Tubular locks are Grade 2 standard duty residential or commercial locks. Exposed trim is of wrought brass or bronze, zinc based. Tubular 3600 Series locks are available with a US3, US4, US10, US10B, US26 or US26D finish.

Interconnected Locks - 3700 Series

Interconnected Locks are Grade 2 heavy duty residential or medium duty commercial. Exposed trim is of wrought brass or bronze with cast zinc levers. Interconnected 3700 Series locks are available with a US3, US4, US10, US10B, US26 or US26D finish.

Mortise Locks - 3800 Series

Mortise locks are available in Grade 1 Sectional or Grade 1 Escutcheon for heavy duty com-

mercial, industrial and institutional applications. Exposed trim is of forged brass, cast stainless steel or cast zinc. Both Sectional and Escutcheon Series locks are available with a US3, US4, US10, US10B, US26, US26D or US32D finish.

**SIZES**

For all locks and deadbolts, the standard door preparation is 2 1/8" (54 mm) diameter. The latch hole is 1" (25.4 mm) diameter.

**ACCESSORIES, OPTIONS**

Two brass keys are included with each lockset. For keying and keyway options, see Table 1.

Deadbolts - 3100 & 3200 Series

Latchbolts (both series)

- 2 3/8" (60 mm) or 2 3/4" (70 mm) square corner bolt
- 2 3/8" (60 mm) or 2 3/4" (70 mm) adjustable square corner bolt for 3219 deadbolt only
- 1" (25.4 mm) faceplate
- Round corner faceplate

Strikes

- ASA deadbolt strike
- Strike plate

Cylindrical Locks - 3400 & 3500 Series

Latchbolts (both series)

- 2 3/8" (60 mm) or 2 3/4" (70 mm) square corner spring latch, passage
- 2 3/8" (60 mm) or 2 3/4" (70 mm) square corner spring latch, privacy
- 2 3/8" (60 mm) or 2 3/4" (70 mm) square corner dead latch
- 2 3/8" (60 mm) or 2 3/4" (70 mm) square corner spring latch, passage

TABLE 1 ACCESSORIES & OPTIONS

Keying	Stock Keyway	Non-stock Keyway
Keyed alike (KA)	Arrow AR1	Schlage F
Keyed differently (KD)	Corbin 60	Yale GA
Master keyed (MK, GMK) - Includes two keys	Corbin 67	Weiser E
Construction master keyed (CMK)	Corbin 77	
Keyed to specific or existing number	Corbin L4	
Extra cut keys	Kwikset KW1	
Key markings: AA1, AA2, etc., per key	Russwin D1	
Key markings other than key set, per key	Schlage E	
Locks are keyed differently (KD), unless otherwise specified	Sargent LA	
Locks with keyed functions are C keyway standard	Yale EIR (100 or less)	

**Archer**



**August**



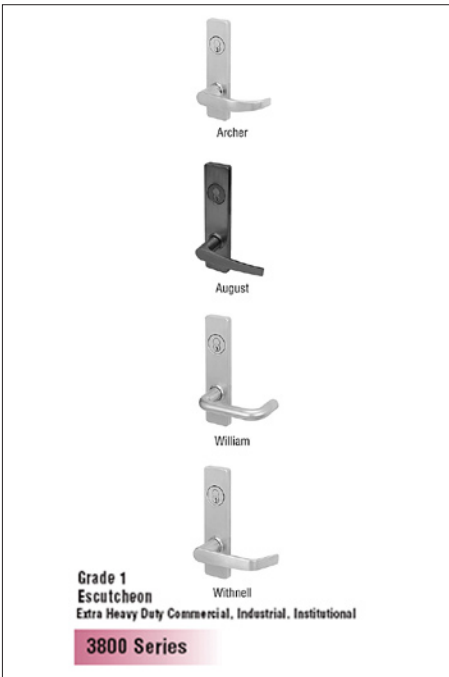
**Withnell**



**3600 Series**

**Grade 2**

**Heavy Duty Residential - Medium Duty Commercial**



3800 Series escutcheon mortise locks

- 2 3/8" (60 mm) or 2 3/4" (70 mm) square corner spring latch, privacy
- 2 3/8" (60 mm) or 2 3/4" (70 mm) square corner dead latch
- 5" (127 mm) backset extension link

Latchbolts for 3500 Series only

- 2 3/8" (60 mm) or 2 3/4" (70 mm) spring latch, passage
- 2 3/8" (60 mm) or 2 3/4" (70 mm) spring latch, privacy

Strikes (both series)

- T-strike with plastic dust box
- Full lip strike
- Full lip strike, round corner
- ASA strike plate

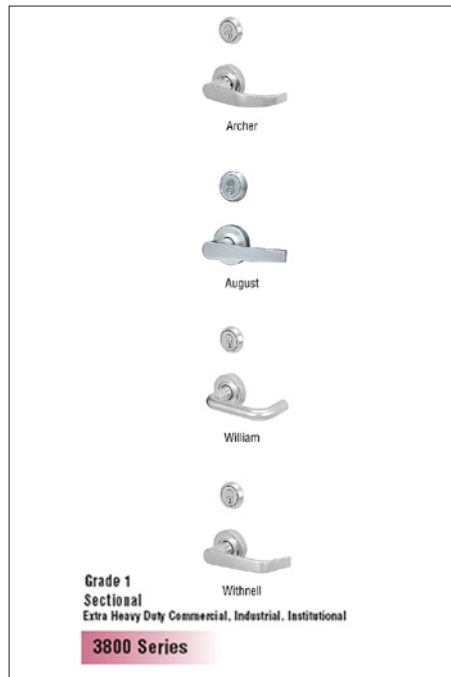
Tubular Locks - 3600 Series

Latchbolts

- 2 3/8" (60 mm) or 2 3/4" (70 mm) adjustable square corner spring latch
- 2 3/8" (60 mm) or 2 3/4" (70 mm) adjustable square corner dead latch
- 2 3/8" (60 mm) or 2 3/4" (70 mm) adjustable round corner spring latch
- 2 3/8" (60 mm) or 2 3/4" (70 mm) adjustable round corner dead latch
- 5" (127 mm) backset extension link

Strikes

- T-strike with plastic dust box
- Full lip strike
- Full lip strike, round corner



3800 Series sectional mortise locks

- ASA strike plate
- Faceplate adapter

Interconnected Locks - 3700 Series Latchbolts

- 2 3/8" (60 mm) or 2 3/4" (70 mm) square or round corner, spring latch, passage
- 2 3/8" (60 mm) or 2 3/4" (70 mm) square or round corner, dead latch, standard

Strikes

- Full lip strike
- Full lip strike, round corner
- Faceplate adapter

Other

- Tactile knurling
- Split lever design

Mortise Locks - 3800 Series

Strikes

- Square corner extended lip
- Round corner extended lip
- Round corner standard lip
- Square corner flat lip
- Square corner extended flat lip
- Square corner no lip
- Full face mortise cylinder
- Concealed mortise cylinder (for escutcheon trim only)
- Standard and interchangeable cores are sold separately

**4. Technical Data**

APPLICABLE STANDARDS

American National Standards Institute (ANSI) - ANSI A117.1 Accessible and Usable Buildings and Facilities

American National Standards Institute/ Builders Hardware Manufacturers Association (ANSI/ BHMA)

- ANSI/BHMA A156.2 Bored and Preassembled Locks and Latches
- ANSI/BHMA A156.12 Interconnected Locks & Latches
- ANSI/BHMA A156.5 Auxiliary Locks and Associated Products
- ANSI/BHMA A250.13 Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies

International Code Council/American National Standards Institute (ICC/ANSI) - ICC/ANSI A117.1 Accessible and Usable Buildings and Facilities

Underwriters Laboratories, Inc. (UL)

- UL 10B Fire Tests of Door Assemblies
- UL10C/UBC 7-2 Positive Pressure Fire Tests of Door Assemblies

APPROVALS

Underwriters Laboratories' of Canada (ULC) - ULC Listed for all functions up to 3 hours for "A" label single doors

Underwriters Laboratories, Inc. (UL) - UL Listed for all functions up to 3 hours for "A" label single doors

PHYSICAL, TECHNICAL PROPERTIES

Hager Companies lock systems are neutral pressure rated as tested to UL 10B and positive pressure rated as tested to UL 10C.

**5. Installation**

Installation instructions are included with products and are also available online at [www.hagerco.com](http://www.hagerco.com).

**6. Availability & Cost**

Hager provides a unique service for its worldwide distributors. The Materials Resource Planning and the Distribution Resource Planning systems are computerized programs used to maintain distributor stock. Ordering is handled by computer linked, strategically located, worldwide distribution centers. Through [www.hagerco.com](http://www.hagerco.com), a search option locates distributors by region. Hager sales teams may also be located for national or international locations worldwide through a separate search option.

**7. Warranty**

Warranty statements and associated exceptions and limitations are available online at [www.hagerco.com](http://www.hagerco.com). Hager locks are warranted for the life of the building.

**8. Maintenance**

Product maintenance and operation are specific to product types and are available online at [www.hagerco.com](http://www.hagerco.com).

**9. Technical Services**

In addition to contacting distributors or sales team members, contact Hager representatives online at [www.hagerco.com](http://www.hagerco.com) or e-mail: [webmaster@hagerco.com](mailto:webmaster@hagerco.com).

**10. Filing Systems**

- Reed First Source®
- MANU-SPEC®
- Additional product information is available from the manufacturer upon request.