It’s been more than 160 years since Charles Hager first started working in a blacksmith shop. And in that timespan, we’ve grown from forging wheel rims for Conestoga wagons to offering more than 6,000 door hardware products. Today, the products created by Hager Companies are found all over the world. And for good reason: they’re built to last.

At Hager, we are committed to being your one source for full line door hardware. We stand alone as one family and one brand. We create products that make a difference in one community at a time, while being mindful of the one planet we all share.

Every product that Hager offers is backed by a 160-year legacy of quality, reputation, and excellence. This condensed catalog is a representation of the many products available. For a complete collection of our products, visit us online at www.hagerco.com or request a complete catalog.
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 (SFIC sold separately)
- 2-3/4” (70 mm) backset standard
- 1-1/8” x 2-1/4” (29 mm x 57 mm) square corner faceplate standard
- ASA strike supplied standard
- Other backsets, faceplates, and strikes available
- Optional keying/keyways available

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” labeled doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated

Non-Keyed Functions
10 - Passage
17 - Dummy
40 - Privacy

Keyed Functions
50 - Office
53 - Entry
70 - Classroom
73 - Corridor (levers only)
80 - Storeroom
95 - Intruder Classroom (levers only)

Electrified Options
3480EL - Storeroom, Fail Safe
3480EU - Storeroom, Fail Secure
3480RX - Storeroom, Request to Exit
3480ELRX - Storeroom, Fail Safe with Request to Exit
3480EURX - Storeroom, Fail Secure with Request to Exit
3500 Series Grade 2 Cylindrical

Grade 2 Cylindrical
Standard duty commercial

- Lifetime warranty
- No exposed mounting screws
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core housing available (SFIC sold separately)
- 2-3/4” (70 mm) backset standard
- 1-1/8” x 2-1/4” (29 mm x 57 mm) square corner faceplate standard
- ASA strike supplied standard
- Other backsets, faceplates, and strikes available
- Optional keying/keyways available

Certifications
- BHMA Certified ANSI A156.2 Series 4000 Grade 2
- ADA Compliant ANSI A117.1 Accessibility Code (levers only)
- ANSI A250.13 Severe Windstorm Resistant Component
- UL/cUL Listed for all functions up to 3 hours for “A” labeled single doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated

Non-Keyed Functions
10 - Passage
17 - Dummy
25 - Exit
27 - Back-to-Back Dummy (levers only)
40 - Privacy

Keyed Functions
50 - Office
53 - Entry
70 - Classroom
73 - Corridor (levers only)
79 - Keyed Communicating
80 - Storeroom
Grade 2 Cylindrical

Standard duty commercial

- One-year warranty
- No exposed mounting screws
- Non-handed
- Conventional cylinder or Small Format Interchangeable
  Core housing available (SFIC sold separately)
- 2-3/4” (70 mm) backset standard
- 1-1/8” x 2-1/4” (29 mm x 57 mm) square corner faceplate standard
- ASA strike supplied standard
- Other backsets, faceplates, and strikes available
- Optional keying/keyways available

Certifications
- BHMA Certified ANSI A156.2 Series 4000 Grade 2
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for all functions up to 3 hours for “A” labeled single doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated

Non-Keyed Functions
10 - Passage
17 - Dummy
25 - Exit
27 - Back-to-Back Dummy
40 - Privacy

Keyed Functions
50 - Office
53 - Entry
70 - Classroom
80 - Storeroom
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 (SFIC sold separately)
- 2-3/8” - 2-3/4” (60 mm - 70 mm) adjustable backset standard
- 1” x 2-1/4” (25 mm x 57 mm) square corner faceplate standard
- ASA strike supplied standard
- Other backsets, faceplates, and strikes available
- Optional keying/keyways available

Certifications
- BHMA Certified ANSI A156.2 Series 4000 Grade 2
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for all functions up to 3 hours for “A” labeled single doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated

Archer
August
Withnell

US3
US4
US10
US10B
US26
US26D

Non-Keyed Functions
10 - Passage
17 - Dummy
40 - Privacy

Keyed Functions
53 - Entry
70 - Classroom
80 - Storeroom
3700 Series Grade 2 Interconnected

Grade 2 Interconnected
Heavy duty residential - medium duty commercial

- Lifetime warranty
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core housings available (SFIC sold separately)
- Optional escutcheon included
- 2-3/4” (70 mm) backset standard
- 1-1/8” x 2-1/4” (29 mm x 57 mm) square corner faceplate standard
- T-strike and square corner strike supplied standard
- Other backsets, faceplates, and strikes available
- Optional keying/keyways available

Certifications
- BHMA Certified ANSI A156.12 Grade 2
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for all functions up to 3 hours for “A” labeled single doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated

Interconnected Functions
10 - Interconnected Single Locking Entry
53 - Interconnected Double Locking Entry
**3100 Series Grade 1 Deadlock**

**Grade 1 Deadlock**

Extra heavy duty commercial

- Lifetime warranty
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core housing available (SFIC sold separately)
- 2-3/4” (70 mm) backset standard
- 1-1/8” x 2-1/4” (29 mm x 57 mm) square corner faceplate standard
- Square corner strike with dustbox supplied standard
- Other backsets, faceplates, and strikes available
- Optional keying/keyways available

**Certifications**

- BHMA Certified ANSI A156.36 Grade 1
- ANSI A250.13 Severe Windstorm Resistant Component
- UL/cUL Listed for all functions up to 3 hours for “A” labeled single doors

**Functions**

- 14 - Double Cylinder
- 15 - Cylinder x Thumbturn
- 18 - Classroom

**3200 Series Grade 2 Deadlock**

**Grade 2 Deadlock**

Standard duty commercial

- Lifetime warranty
- Non-handed
- Conventional cylinder or Small Format Interchangeable Core housing available (SFIC sold separately)
- 2-3/4” (70 mm) backset standard
- 1-1/8” x 2-1/4” (29 mm x 57 mm) square corner faceplate standard
- Square corner strike with dustbox supplied standard
- Other backsets, faceplates, and strikes available
- Optional keying/keyways available

**Certifications**

- BHMA Certified ANSI A156.36 Grade 2
- ANSI A250.13 Severe Windstorm Resistant Component
- UL/cUL Listed for all functions up to 3 hours for “A” labeled single doors

**Functions**

- 14 - Double Cylinder
- 15 - Cylinder x Thumbturn
- 16 - Thumbturn w/ Indicator
- 20 - Thumbturn w/ Blank Plate (no cylinder)
- 21 - Thumbturn Only (no cylinder)
**3800 Series Grade 1 Mortise - Escutcheon and Sectional**

**Grade 1 Mortise**
*Heavy duty commercial, industrial, institutional*

- Lifetime warranty
- Field reversible
- Concealed thru-bolts
- Standard mortise cylinder or Small Format Interchangeable Core housing available (SFIC sold separately)
- Requires mortise cylinder with Schlage L cam
- 2-3/4" (70 mm) backset only
- ASA strike supplied standard
- Additional faceplates and strikes available
- Optional keying/keyways available

**Certifications**
- BHMA Certified ANSI A156.13 Series 1000 Grade 1 Operational and Security
- ANSI A250.13 Severe Windstorm Resistant (must specify)
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for all functions up to 3 hours for “A” labeled doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated

**Non-Keyed Without Deadbolt Functions**
- 10 - Passage
- 40 - Privacy
- 44 - Privacy with Cointurn
- 96 - Privacy with Indicator

**Non-Keyed Dummy Functions**
- 17 - Single Dummy
- 27 - Double Dummy

**Keyed Without Deadbolt Functions**
- 50 - Office
- 61 - Apartment Entrance
- 70 - Classroom
- 80 - Storeroom
- 82 - Institution

**Keyed with Deadbolt Functions**
- 53 - Entry
- 56 - Corridor
- 57 - Classroom Security
- 81 - Storeroom with Deadbolt

**Keyed With Deadbolt Functions**
- 3880EL - Storeroom, Fail Safe
- 3880EU - Storeroom, Fail Secure
- 3882EL - Institution, Fail Safe
- 3882EU - Institution, Fail Secure
- RX - Request to Exit*
- LM - Latchbolt Monitor*
- DPM - Door Position Monitor*

*Available on 3880, 3882, or in combination with 3880EL/3880EU or 3882EL/3882EU.
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 (SFIC sold separately)
- Requires mortise cylinder with Schlage L cam
- 2-3/4” (70 mm) backset only
- ASA no lip strike supplied standard
- Optional keying/keyways available

Certifications
- BHMA Certified ANSI A156.13 Series 1000 Grade 1 Operational and Security
- UL/cUL Listed for all functions up to 3 hours for “A” labeled single doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- ADA - Thumbturn

Functions
60 - Cylinder x Thumbturn
62 - Double Cylinder
63 - Classroom
64 - Cylinder
3800 Series Grade 1 Small Case Deadlock

Grade 1 Mortise Small Case Deadlock
Heavy duty commercial, industrial, institutional

- Lifetime warranty
- Non-handed
- Standard mortise cylinder or Small Format Interchangeable Core housing available (SFIC sold separately)
- Requires mortise cylinder with Schlage L cam
- 2-3/4” (70 mm) backset only
- ASA no lip strike supplied standard
- Optional keying/keyways available

Certifications
- BHMA Certified ANSI A156.5 Grade 1
- UL/cUL Listed for all functions up to 3 hours for “A” labeled doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- ADA - Thumbturn

Functions
30 - Cylinder x Thumbturn
31 - Door Bolt
32 - Double Cylinder
33 - Classroom
34 - Cylinder
Cylinders and Keying

**Conventional Cylinders and Keys**

- **3901** Rim Cylinder
- **3902** Mortise Cylinder
- **3904** Mortise Dummy
- **3905** Mortise ADA Turn Knob

**3960** Fixed Cylinder Kit
Includes two operating keys
Finishes include US4 and US26D

- **3955** Key Blank 5-Pin
- **3956** Key Blank 6-Pin
- **3961** Cut Key 5-Pin
- **3962** Cut Key 6-Pin

**Small Format Interchangeable Cores, Housings, and Keys**

- **3901 - NCIC** Rim Cylinder
- **3902 - NCIC** Mortise Cylinder

**3981-C** Combinated 6-Pin
**3981-U** Uncombinated 6-Pin
Includes two key blanks
Finishes include US4 and US26D

**3982-C** Combinated 7-Pin
**3982-U** Uncombinated 7-Pin
Includes two key blanks
Finishes include US4 and US26D

**3981-Blue** Construction Core Combinated 6-Pin
Includes two operating keys

**3981-Red** Construction Core Combinated 7-Pin
Includes two operating keys

**3982-Blue** Construction Core Combinated 7-Pin
Includes two operating keys

**3982-Red** Construction Core Combinated 7-Pin
Includes two operating keys
Grade 1 Heavy Duty Surface Door Closer
Ideal for schools, hospitals, and other high-use environments
Size 1-6 adjustable

- Lifetime warranty
- Non-handed
- Heavy duty cast iron
- Tri-pack (regular, top jamb, and parallel arm mount) standard

Certifications
- BHMA Certified ANSI A156.4
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for up to 3 hours
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated

5106 Extra Heavy Duty Arm
5107 Hold Open Arm
5108 Extra Heavy Duty Hold Open Arm
5125 Extra Heavy Duty Stop Arm
5954 Extra Heavy Duty Hold Open Cushion Stop Arm
5955 Extra Heavy Duty Cushion Stop Arm
5961 Extra Heavy Duty Hold Open Stop Arm
5200 Series Grade 1 Surface Door Closer

Grade 1 Heavy Duty Surface Door Closer
Ideal for schools, hospitals, and other high-use environments
Size 1-6 adjustable

- Lifetime warranty
- Non-handed
- Heavy duty aluminum alloy
- Tri-pack (regular, top jamb, and parallel arm mount) standard

Certifications
- BHMA Certified ANSI A156.4
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for up to 3 hours
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated

5300 Series Grade 1 Surface Door Closer

Grade 1 Heavy Duty Surface Door Closer
Ideal for schools, hospitals, and other high-use environments
Size 1-6 adjustable

- Lifetime warranty
- Non-handed
- Heavy duty aluminum alloy
- Tri-pack (regular, top jamb, and parallel arm mount) standard

Certifications
- BHMA Certified ANSI A156.4
- ADA Compliant ANSI A117.1 Accessibility Code
- UL/cUL Listed for up to 3 hours
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
5400 Series Grade 2 Surface Door Closer

Grade 2 Standard Duty Surface Door Closer
Ideal for light duty commercial applications

- Five-year warranty
- Non-handed
- Aluminum alloy
- Tri-pack (regular, top jamb, and parallel arm mount) standard

Certifications
- BHMA Certified ANSI A156.4, sizes 2, 3, 4, 5 - must specify
- UL/cUL Listed for up to 3 hours
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated

380 Series Electromagnetic Door Holder

Grade 1 Heavy Duty Electromagnetic Door Holder
Ideal for hospitals, hotels, schools, and other commercial buildings

Hager electromagnetic door holders are designed for virtually any remote door release application and are ideal for holding doors open until released by a remote or switching device.

- One-year warranty
- Designed for use with self-closing fire and smoke barrier doors
- Low current draw
- Fail Safe (when electrical current is interrupted, doors release to close automatically)
Overhead door holders and stops are utilized to control and protect door assemblies. Hager overhead door holders and stops feature an adjustable arm that narrows down the sizes—making installation seamless and reducing inventory.

**7000 Series**
**Grade 1 Heavy Duty Overhead Door Holder and Stop**
Ideal for hospitals, schools, and other high traffic environments

- Five-year warranty
- For use on exterior and interior doors
- Concealed and surface mount available
- Three functions (Stop, Hold Open, and Friction)

<table>
<thead>
<tr>
<th>Size</th>
<th>Frame Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>7000 Series - Grade 1 - Heavy Duty</td>
<td></td>
</tr>
<tr>
<td>7000 SZ 1</td>
<td>23” - 39”</td>
</tr>
<tr>
<td>7000 SZ 2</td>
<td>39” - 54”</td>
</tr>
</tbody>
</table>

**6000 Series**
**Grade 2 Medium Duty Overhead Door Holder and Stop**
Ideal for office buildings and other medium duty commercial applications

- Five-year warranty
- For use on exterior and interior doors
- Concealed and surface mount available
- Three functions (Stop, Hold Open, and Friction)

<table>
<thead>
<tr>
<th>Size</th>
<th>Frame Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>6000 Series - Grade 2 - Medium Duty</td>
<td></td>
</tr>
<tr>
<td>6000 SZ 1</td>
<td>18” - 33”</td>
</tr>
<tr>
<td>6000 SZ 2</td>
<td>33” - 51”</td>
</tr>
</tbody>
</table>

**Functions**

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 - Stop Only</td>
<td>Shock absorbing spring stops the door</td>
</tr>
<tr>
<td>17 - Hold Open</td>
<td>Selective hold open with easy to adjust tension - may be turned on or off and includes the stop only function</td>
</tr>
<tr>
<td>15 - Friction</td>
<td>Multi-point friction hold open adjustable for resistance to door movement</td>
</tr>
</tbody>
</table>
Grade 1 Exit Device
Heavy duty commercial applications

- Lifetime warranty
- Non-handed

Certifications
- BHMA Certified ANSI A156.3
- UL/cUL Listed for all functions up to 3 hours for “A” labeled doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- UL305 Listed for panic hardware
- ANSI A250.13 Severe Windstorm Resistant Component (Rim and SVR)
- Complies with ANSI 117.1 for accessible buildings and facilities

Electrified Functions (available on Rim and SVR)
AI - Authorized Ingress/Key Monitoring
ALK - Alarm Kit
DE - Delayed Egress
ED - Electric Dogging
EDRX - Electric Dogging with Request to Exit
EL - Electric Trim - Fail Safe
ELR - Electric Latch Retraction
ELRX - Electric Latch Retraction with Request to Exit
EU - Electric Trim - Fail Secure
LM - Latchbolt Monitoring
RX - Request to Exit
RX2 - Dual Request to Exit
RXAI - Request to Exit/Authorized Ingress
RXLM - Request to Exit/Latchbolt Monitoring
4600 Series Grade 1 Narrow Stile Exit Device

Grade 1 Narrow Stile Exit Device
Heavy duty commercial applications

- Lifetime warranty
- Non-handed

Certifications
- BHMA Certified ANSI A156.3
- UL/cUL Listed for all functions up to 3 hours for “A” labeled doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- UL305 Listed for panic hardware

Electrified Functions (available on Rim)
AI - Authorized Ingress/Key Monitoring
ALK - Alarm Kit
DE - Delayed Egress
ED - Electric Dogging
EDRX - Electric Dogging with Request to Exit
ELR - Electric Latch Retraction
ELRX - Electric Latch Retraction with Request to Exit
LM - Latchbolt Monitoring
RX - Request to Exit
RX2 - Dual Request to Exit
RXAI - Request to Exit/Authorized Ingress
RXLM - Request to Exit/Latchbolt Monitoring

ALM and DBZ available for CVR only

46BE
Blank Escutcheon

46CE
Cylinder Escutcheon

46DT
Dummy Trim

46NL
Night Latch

Archer

August

Withnell
Standard Duty Exit Device
Light commercial and standard duty applications

- Five-year warranty
- Handed

Certifications
- UL/cUL Listed for all functions up to 3 hours for “A” labeled doors (Rim) and 1-1/2 hours (SVR)
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- UL305 Listed for panic hardware
- ANSI A250.13 Severe Windstorm Resistant Component (Rim only)
- Complies with ANSI 117.1 for accessible buildings and facilities

ALM DBZ US3 US26D

4700 Series Standard Duty Exit Device
Apollo
Archer
August
Withnell

Rim Exit Device
Surface Vertical Rod Exit Device
**Keyed Removable Mullion**

- One-year warranty
- Key removable
- For use with 4500, 4600, and 4700 Series Rim exit devices
- UL/cUL/Warnock Hersey listed for fire rated pairs of doors up to 8' (2438 mm) x 8' (2438 mm)

<table>
<thead>
<tr>
<th>4900T</th>
<th>4900TF</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Fire Rated Mullion Set</strong></td>
<td><strong>Fire Rated Mullion Set</strong></td>
</tr>
<tr>
<td>Certification:</td>
<td>Certification:</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>Dimensions:</td>
</tr>
<tr>
<td>84&quot; (2134 mm),</td>
<td>96&quot; (2438 mm),</td>
</tr>
<tr>
<td>96&quot; (2438 mm),</td>
<td>120&quot; (3048 mm)</td>
</tr>
<tr>
<td>Material:</td>
<td>Material:</td>
</tr>
<tr>
<td>11 gauge steel tube</td>
<td>Finish:</td>
</tr>
</tbody>
</table>

**Non-Keyed Removable Mullion**

- One-year warranty
- Non-Key removable
- For use with 4500, 4600, and 4700 Series Rim exit devices
- UL/cUL/Warnock Hersey listed for fire rated pairs of doors up to 8' (2438 mm) x 8' (2438 mm)

<table>
<thead>
<tr>
<th>4900U</th>
<th>4900UF</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Non-Fire Rated Mullion Set</strong></td>
<td><strong>Fire Rated Mullion Set</strong></td>
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<tr>
<td>Material:</td>
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</tr>
<tr>
<td>11 gauge steel tube</td>
<td>Finish:</td>
</tr>
<tr>
<td>Finish:</td>
<td>USP</td>
</tr>
</tbody>
</table>
**2925**

**Low Profile Electric Strike**

- Designed for use with cylindrical lockset with up to 5/8” (15 mm) throw latch bolt
- Ideal for high traffic installations
- Quick and easy installation where jamb space is limited
- ANSI A156.31 compliant
- Low profile - 1.25” (32 mm) backset
- Internally mounted solenoid and factory-supplied mounting tabs
- Reversible Fail Safe - Fail Secure
- Field selectable voltage, 12/24 VDC
- Latch status output standard
- Non-handed, reversible
- All stainless steel parts with durable diecast body for corrosion resistance

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**2928**

**Multi-Application Electric Strike**

- Centerline electric strike
- For 5/8” (16 mm) latch or 3/4” (19 mm) latch with 1/8” (3 mm) door gap
- Ideal for high traffic applications
- ANSI A156.31, Grade 2
- Four (4) interchangeable application faceplates
- 1/4” (6 mm) horizontal alignment adjustment
- Plated architectural finishes available
- Field selectable Fail Secure or Fail Safe
- Field selectable voltage, 12/24V AC/DC
- Full monitoring is standard, including latched and unlatched status and keeper closed and deadlocked or unlocked
- Non-handed
- All stainless steel parts with durable diecast body for corrosion resistance
2930
Universal Application Electric Strike

- Heavy duty electric strike
- Up to 3/4" (19 mm) latch bolt and 1" deadbolt
- Retrofits existing ANSI 4-7/8" (124 mm) strike prep - no centerline relocation
- ANSI/BHMA A156.31 Grade 1
- Factory tested 2500 lbs static strength
- Exceeded 1,000,000 cycles
- UL tested 1500 lbs static strength
- 70 ft-lb dynamic strength
- Internally mounted solenoid, no heat in keeper
- Field reversible, Fail Safe or Fail Secure
- Monitoring includes Latchbolt Monitor (LBM), Door Secure Monitor (DSM), and Deadbolt Monitoring (DBM)
- Dual voltage 12/24 VDC
- 1/8" (3 mm) horizontal alignment adjustment
- Tamper resistant
- Non-handed (deadbolt status handed)
- All stainless steel corrosion resistant parts and heavy cast body and keeper
- Faceplate options available for cylindrical and mortise locks applications

2940 Series
Magnetic Lock

- Designed for system integrators, distributors, installers, and building owners presently using low cost import or private label brand access control hardware
- ANSI/BHMA A156.23 Grade 1 Compliant
- Full monitoring standard
- Quick mount assembly reduces installation time
- Easy to install
- Full line of mounting brackets and filler plates available
- Field selectable voltage, 12/24 VDC

2941  600 lb holding force  9-7/8" x 2-7/8" x 1" (250 x 51 x 26 mm)

2942  1200 lb holding force  10-1/2" x 2-7/8" x 1-5/8" (266 x 73 x 41 mm)
2950 Series
Magnetic Lock

- Adaptable to virtually any application utilizing top jamb or glass door mounting kits
- Epoxy-free design provides superior appearance with a plated or anodized finish on all sides
- Compatible with any access control system
- ANSI/BHMA A156.23 Grade 1 compliant
- Modular design
- Field upgradeable without removing from frame
- Quick mount assembly
- Interlocking mounting plate makes it easier to secure wiring and mounting screws
- Uniform design and installation
- Identical housing, template, and accessories
- Full line of mounting brackets and filler plates available
- Voltage sensing, 12/24 VDC

2951 Single (1650 lb holding force)
11” x 2-3/4” x 1-9/16” (279 x 70 x 40 mm)

2952 Double (1650 lb holding force)
22” x 2-3/4” x 1-9/16” (558 x 70 x 40 mm)

2953 Single (1200 lb holding force)
11” x 2-3/4” x 1-9/16” (279 x 70 x 40 mm)

2954 Double (1200 lb holding force)
22” x 2-3/4” x 1-9/16” (558 x 70 x 40 mm)

2960 Series
Magnetic Shear Lock

- Concealed, high security, Fail Safe locking mechanism
- Ideal for commercial grade hollow metal and wood doors and frames and herculite doors with top rails
- Incorporates floating armature assembly and special alloy steel locking tabs on both lock and armature assemblies
- May be adjusted both vertically and laterally to compensate for wide door gaps and warped or misaligned doors
- Voltage sensing, 12/24 VDC
- Options include magnetic bond sensor, door position sensor, and herculite top rail armature adjustment bracket

2961 2000 lb holding force
8” x 1-1/2” x 1-5/8” (203 x 38 x 41 mm)

2962 2700 lb holding force
10-7/16” x 1-1/2” x 1-5/8” (265 x 38 x 41 mm)
Power Transfers

Power Transfer
Heavy duty electric power transfer units provide a concealed and secure means of transferring electric lock and exit device power and signal wires from the frame to the door. When the door is closed, the power transfer unit is completely concealed. They are ideal for heavy traffic and applications requiring higher security to inhibit tampering and abuse.

2-679-0621
2 conductor (18 ga.)
Aluminum powder coat

2-679-0622
2 conductor (18 ga.)
Dark brown powder coat

2-679-0623
10 conductor (24 ga.)
Aluminum powder coat

2-679-0624
10 conductor (24 ga.)
Dark brown powder coat

2-679-0620
Concealed Mortise Mount Power Transfer Loop
• Frame mortised steel dust box with flexible steel loop

Concealed Electrified Hinges

The following options are available on architectural-grade ball bearing and anti-friction bearing hinges. They are available in steel, brass, or stainless materials. Other options are available.

EMN
Monitor Only
3-Knuckle or 5-Knuckle

ETW
Through-Wire Only
2-Knuckle, 3-Knuckle or 5-Knuckle

ETM
Through-Wire with Monitoring
3-Knuckle or 5-Knuckle

ETW Options:
2, 4, 6, 8, 10, 12 wire available
18, 22, 28 gauge wires available

Quick Connect available (specify when ordering).
Quick Connect wire harness available up to 15 feet.
2958
Integrated Delayed Egress Lock

- Used on exit doors when unauthorized egress is initiated when in the locked mode and delays egress for 15 or 30 seconds
- Suits applications such as airport and public facility security and safety, loss prevention, wandering patient, and infant protection
- Fixed 15-second delay or selectable 15- or 30-second exit delay
- Voice and digital display provides informative annunciation for people without prior knowledge, including the blind and hearing impaired
- Field selectable voice and tone or tone only
- Voice provides warning or safety message, countdown, and time of door release
- Single and tandem models available
- Additional options include inputs, outputs, and monitoring

Code Compliance:
- IBC, International Building Code - 1008.1.8.6 Delayed Egress Locks
- IFC, International Fire Code - 1008.1.8.6 Delayed Egress Locks

4501 / 4601 DE
Delayed Egress with Wall Mount Controller

- Used on exit doors when unauthorized egress is initiated, delays egress through the door for 15 or 30 seconds
- Device can be used to stop employee theft, stop retail shoplifting, restrict airport patrons, restrict wandering patients, etc.
- Device features egress delay, a built-in function keypad, and control inputs
- Verbal exit instructions or alarm tone only and digital countdown display
- Wall mount controller sold separately (2-679-0630)

Code Compliance:
- FC International Fire Code
- IBC International Building Code
- NFPA 1 Uniform Fire Code
- California Building Code
- CBC, California Building Code - 1008.1.8.6 Special Egress Control Devices
- BOCA, National Building Code - 1017.4.1.2 Special Locking Arrangements
- Chicago Building Code - 10 (13-160-269) Electro-Magnetic Locking Devices (certificate of approval available)
2972 Exit Switch
- 2” (50 mm) illuminated switch button for easy activation
- High impact resistant material stands up to abuse
- “Push to Exit” sign complies with NFPA requirements
- Blue illuminated button is designed for access and egress applications for the disabled

2973 Code Compliant Exit Switch
- Code compliant manual releasing devices and sensors
- Switch and sensor used together comply with manual releasing device and sensor device requirements for access controlled egress doors
- IBC 1008.1.3.4
- NFPA 7.2.1.6.2
- IFC 1008.1.3.4
- California Fire Code

2978 Touchless Exit Switch
- Request to exit switch
- No-touch wave-to-exit switch with no moving parts
- For sanitary entry and exit applications
- Can be used to control an automatic door, electric lock, strike, or magnetic lock
- DPDT dry contact output
- Bi-color status illumination
- No moving parts

2977 Piezoelectric Exit Switch
- Request to exit switch
- Designed for indoor, outdoor, commercial, and industrial egress applications
- Can be used to control an automatic door, electric lock, strike, or magnetic lock
- Heavy duty vandal resistant and weatherized with no moving parts
- Bi-color status illumination

2-679-0611 Black PIR Egress Sensor
- Access control system unit that unlocks doors automatically when it detects a person approaching the door
- UL Listed 294
- Complies with national fire and building code requirements for access controlled egress doors
- Code compliant Fail Safe mode release locks when power to PIR sensor is interrupted

29KS Key Switch
- Provides an economical method of providing authorized control for a variety of applications
- Several contact configurations to ensure compatibility with virtually any system
- Heavy duty, all steel assembly
- Tamper resistant
2-679-0650
Emergency Door Release
• Ideal for immediate unlocking of doors that are equipped with Fail Safe electric locks and may influence approval of an electric lock system
• Built-in alarm may be used as a local door annunciator

2915/2916
Heavy Duty Keypad
• Stand alone digital keypad that is designed to control access of a single entry point for facilities with up to 500 users
• Each user is assigned a personal identification number (PIN)
• Keypad entry of a valid one- to six-digit code activates one or both of the output relays, which releases an electric door lock
• 2915 is for indoor use and 2916 is for indoor/outdoor use
• Options include door sense input functions and status output functions

4801
Non-Latching Push Bar
• Magnetic lock release
• Access control Request-to-Exit
• Delayed egress trigger
• Alarm shunt
• CCTV or alarm activation
• Features Tri-Failsafe switch, no moving parts, quick and quiet operation, temperature tolerance
• No human touch required and sensor calibration not required

2901
Power Supply
• Designed to operate exit devices equipped with electric latch retraction
• 24 V output

2902
Power Supply
• Designed to operate exit devices equipped with electric latch retraction with day/night mode feature
• 24 V output

2903
Power Supply
• Provides power for Fail Safe or Fail Secure locking devices
• 24 V output; 2 AMP capacity
• Filtered/regulated

2904
Power Supply
• Provides power and control for openings with an electrified locking device and automatic door operator
• 24 V output; 2 AMP capacity
• Filtered/regulated

2908
Power Supply
• Filtered and regulated for longevity of all system components
• 12/24 V output; 1 AMP capacity
• Filtered/regulated
Full Mortise Hinges - Standard Weight
The following full mortise hinges are for use on medium weight doors or doors requiring low or medium frequency service. They can be used with both hollow metal and wood doors.
*Available in wide throw

AB700*
Steel
Concealed Anti-Friction Bearing
3-Knuckle

AB800*
Brass or Stainless
Concealed Anti-Friction Bearing
3-Knuckle

920
Steel
Plain Bearing
2-Knuckle

AB920
Steel
Concealed Anti-Friction Bearing
2-Knuckle

1191*
Brass or Stainless
Plain Bearing
5-Knuckle

BB1191*
Brass or Stainless
Ball Bearing
5-Knuckle

1279*
Steel
Plain Bearing
5-Knuckle

BB1279*
Steel
Ball Bearing
5-Knuckle

Full Mortise Hinges - Heavy Weight
The following full mortise hinges are for use on heavy weight doors or doors requiring high frequency service. They can be used with both hollow metal and wood doors.
*Available in wide throw

AB750*
Steel
AB850*
Brass or Stainless
Concealed Anti-Friction Bearing
3-Knuckle

AB930
Steel
AB933
Brass or Stainless
Concealed Anti-Friction Bearing
2-Knuckle

BB1168*
Steel
BB1199*
Brass or Stainless
Four Ball Bearing
5-Knuckle
Architectural Hinges

Half Mortise Hinges - Standard Weight
The following half mortise hinges are for use on medium weight, hollow metal doors with channel iron frames that require low or medium frequency service.

- **AB701** Steel
- **AB801** Brass or Stainless
- Concealed Anti-Friction Bearing
  3-Knuckle

- **1129** Steel
- Plain Bearing
  5-Knuckle

- **BB1129** Steel
- **BB1109** Brass or Stainless
- Ball Bearing
  5-Knuckle

Half Mortise Hinges - Heavy Weight
The following half mortise hinges are for use on heavy weight, hollow metal doors with channel iron frames that require high frequency service.

- **AB751** Steel
- **AB851** Brass or Stainless
- Concealed Anti-Friction Bearing
  3-Knuckle

- **BB1138** Steel
- **BB2098** Brass or Stainless
- Four Ball Bearing
  5-Knuckle

Full Surface Hinges
The following full surface hinges are for use on hollow metal, wood composite, or tubular steel doors with channel iron frames.

- **AB702** Steel
- **AB802** Brass or Stainless
- Concealed Anti-Friction Bearing
  3-Knuckle
  *Standard Weight*

- **AB752** Steel
- **AB852** Brass or Stainless
- Concealed Anti-Friction Bearing
  3-Knuckle
  *Heavy Weight*

- **BB2171** Steel
- **BB2110** Brass or Stainless
- Four Ball Bearing
  5-Knuckle
  *Standard Weight*

- **BB2168** Steel
- **BB2108** Brass or Stainless
- Four Ball Bearing
  5-Knuckle
  *For Tubular Steel Doors*
  *Heavy Weight*

- **BB2169** Steel
- **BB2109** Brass or Stainless
- Four Ball Bearing
  5-Knuckle
  *For Heavy Hollow Metal or Wood Composite Doors*
  *Heavy Weight*
Half Surface Hinges
The following half surface hinges are for use on hollow metal or wood composite doors with channel iron frames.

<table>
<thead>
<tr>
<th>Model</th>
<th>Material</th>
<th>Bearing Type</th>
<th>Knuckle Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB703</td>
<td>Steel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AB803</td>
<td>Brass or Stainless</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Concealed Anti-Friction Bearing
3-Knuckle
Standard Weight

Spring Hinges
Spring hinges are for automatic closing of the door. They meet codes for hotels, motels, institutions, and commercial buildings.

<table>
<thead>
<tr>
<th>Model</th>
<th>Material</th>
<th>Bearing Type</th>
<th>Knuckle Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1250</td>
<td>Steel with steel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>components</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Square Corner</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Available with</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>raised barrel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>for straight or</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>beveled door</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Material</th>
<th>Bearing Type</th>
<th>Knuckle Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1267</td>
<td>Swing Clear</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Steel with steel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>components</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Square Corner</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Swing Clear Hinges
The following swing clear hinges are for use on hollow metal or wood composite doors with channel iron frames.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Material</th>
<th>Bearing Type</th>
<th>Knuckle Type</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BB1260</td>
<td>For square edge</td>
<td>Steel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>doors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BB1261</td>
<td>For beveled edge</td>
<td>Full Mortise</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>doors</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Steel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Full Mortise</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ball Bearing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5-Knuckle</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Standard Weight</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Architectural Hinge Finishes

<table>
<thead>
<tr>
<th>Finish</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>US3</td>
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</tr>
<tr>
<td>US4</td>
<td></td>
</tr>
<tr>
<td>US5</td>
<td></td>
</tr>
<tr>
<td>US10</td>
<td></td>
</tr>
<tr>
<td>US10A</td>
<td></td>
</tr>
<tr>
<td>US10B</td>
<td></td>
</tr>
<tr>
<td>US15</td>
<td></td>
</tr>
<tr>
<td>US15A</td>
<td></td>
</tr>
<tr>
<td>US26</td>
<td></td>
</tr>
<tr>
<td>US26D</td>
<td></td>
</tr>
<tr>
<td>US32D</td>
<td></td>
</tr>
<tr>
<td>USP</td>
<td></td>
</tr>
</tbody>
</table>

Decorative Tips

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat Button Tip</td>
<td></td>
</tr>
<tr>
<td>Tri-Con</td>
<td>Flush Pin</td>
</tr>
<tr>
<td>Hospital Tip</td>
<td></td>
</tr>
<tr>
<td>Fast Riveted Pin</td>
<td></td>
</tr>
<tr>
<td>Acorn Tip</td>
<td></td>
</tr>
<tr>
<td>Ball Tip</td>
<td></td>
</tr>
<tr>
<td>Steeple Tip</td>
<td></td>
</tr>
<tr>
<td>Urn Tip</td>
<td></td>
</tr>
</tbody>
</table>
Residential Weight Full Mortise Hinges

RC1641 | 8641  
Steel  
Plain Bearing  
6-Knuckle  
5/8” Radius  

RC1741 | 7741  
Steel  
Plain Bearing  
5-Knuckle  
1/4” Radius  

RC1841 | RC1842 | 8741  
Steel  
Plain Bearing  
5-Knuckle  
5/8” Radius  

RC1641 is Bulk Assembled  
8641 is Bulk Unassembled  

RC1741 is Bulk Assembled or Boxed Pair  
7741 is Bulk Unassembled  

RC1841 is Bulk Assembled  
RC1842 is Boxed Pair  
8741 is Bulk Unassembled  

Decorative Residential Hinge Pin Tip Kits

1710  
Residential Ball Tip Kit  
Includes two ball tips and one pin  

1720  
Residential Steeple Tip Kit  
Includes two steeple tips and one pin  

Residential Hinge Finishes

US3  
US4  
US5  
US10A  
US15  

US15A  
US26  
US26D  
USP  

US26  
US26D  
USP  

39
Roton Aluminum Continuous Geared Hinges

Concealed Leaf Hinges
Heavy duty Roton hinges are for high frequency doors or heavy, medium frequency doors.

Full Surface Hinges
Heavy duty Roton hinges are for high frequency doors or heavy, medium frequency doors.

Half Surface Hinges
Heavy duty Roton hinges are for high frequency doors or heavy, medium frequency doors.

Roton Hinge Finishes

Notes
- Aluminum 6063-T6
- You MUST specify UL when ordering hinges for the UL stamp
- Dutch door, hospital tips, custom hole patterns, and special finishes are available on Roton hinges

Electrical Hinge Modifications
- Exposed Electric Contact (E)
- Exposed Electric Switch (E1S)
- Electric Power Transfer Preparation (EPT)
- Removable Electric Through-Wire (RETW)
- Concealed Electric Through-Wire (ETW)
- Concealed Electric Monitoring (EMN)
- Concealed Electric Through-Wire and Monitoring (ETM)
Hager heavy duty stainless steel continuous hinges offer proven reliability that can stand up to the daily rigors of high traffic, high impact areas. The hinges are designed and engineered to evenly distribute door weight along the full length of the door, which eliminates localized stress of the door frame. The following hinges are for doors 1-3/4” (44 mm) thick and up to 600 pounds.

**Concealed Leaf**
For door edge protection lips

**Half Mortise**
For retrofit applications and for square edge doors only

**Half Surface**
For security moldings

**Full Surface**
For ADA upgrade work

**Stainless Steel Continuous Hinge Finish**

**Notes**
- 14 gauge Type 304 stainless steel
- 1/4” (6.4 mm) diameter stainless steel pin
- Dual 6/6 Nylon bearings between each knuckle
- Dutch door, hospital tips, custom hole patterns, and special finishes are available on stainless steel continuous hinges

**Electrical Hinge Modifications - check website for model availability**
- Exposed Electric Switch (E1S)
- Electric Power Transfer Preparation (EPT)
- Concealed Electric Through-Wire (ETW)
Push/Pull

**P4E, T4E**  
Security Pull

**3, 4, 5**  
Round Pull

**11, 12, 23**  
Round Offset Pull

**20N**  
Cast Pull

**22N**  
Edge Pull for Sliding Doors

**26N**  
Security Finger Pull

**926P**  
Curve Shaped Pull

**961P**  
Steeple Tip Pull

**125S, 126S, 127S**  
Bent Push Bar

**153B-D-V (10” CTC)**  
Push/Pull Set

**154B-D-V (12” CTC)**  
Push/Pull Set

**155B-D-V (18” CTC)**  
Push/Pull Set

**159B-D-V (10” CTC)**  
Offset Push/Pull Set

**160B-D-V (12” CTC)**  
Offset Push/Pull Set

**161B-D-V (18” CTC)**  
Offset Push/Pull Set

**170D**  
Push/Pull Set

**30, 40, 50 Series**  
0.050” (1.3 mm) gauge  
A30S, A40R, A50 Series  
0.062” (1.6 mm) gauge  
Pull Plate

**30S, 40R, 50T**  
0.050” (1.3 mm) gauge  
A30S, A40R, A50T  
0.062” (1.6 mm) gauge  
Push Plate

**25P**  
Security Finger  
Push/Pull Plate Set

**121L**  
Cylinder Pull  
Beveled Lip Projection  
Cylinder cutout 1/4” (6.4 mm) diameter

**122L**  
Security Push/Pull  
Plate Set  
Beveled Lip Projection
Protection Plates
Door protection plates are available with beveling and counter sunk holes. 190S, 198S, and 225S protection plates are available with UL rating for US32 and US32D only.

190S | 193S | 194S
0.050” (1.3 mm) gauge
Aluminum, brass, bronze, stainless steel

198S
0.038” (0.8 mm) gauge
Stainless steel

199B
0.038” (0.8 mm) gauge
Bright gold anodized

204S
0.125” (3.2 mm) gauge
Clear plastic

214S
0.125” (3.2 mm) gauge
Plastic laminate

220S | 223S | 224S
0.062” (1.6 mm) gauge
Aluminum, brass, bronze, stainless steel

225S
0.060” (1.9 mm) gauge
Kydex®

Stops and Holders

230W, 232W
Convex Wall Stop

234W, 236W
Concave Wall Stop

254W
Manual Wall Stop and Holder

326W
Automatic Wall Stop and Holder

242F
Universal Dome Stop

244F
Cast Floor Stop

252F
Cast Floor Stop

269T
Heavy Duty Floor Stop
**Trim & Auxiliary**

**Accessories**

- **957P** Coat Hook
- **951P** Double Coat Hook - Straight
- **1755 | 1756** 160° and 200° One Way Door Viewer
- **1758 | 1759** 160° and 200° Door Viewer with Privacy Flap
- **300D** Chain Door Check
- **301D** Heavy Duty Hinge Pin Stop For use with NRP hinges only
- **303W** Handrail Bracket
- **307D** Door Silencer for Metal Frames

**Surface Bolts and Coordinators**

- **275D** 8” (203 mm) Surface Bolt
- **278D** 6” (152 mm) Surface Bolt
- **279D** 4” (102 mm) Dutch Door Bolt
- **297D** Coordinator with Filler Bar
- **298D** Gravity Coordinator

**Signage**

Hager signage meets ANSI A156.16 for L03201.

**Engraved Plastic Signage**

0.125” (3.2 mm) thick plastic with 3/4” Helvetica lettering.

**ADA Tactile Signage**

Includes Grade 2 Braille translation conforming to Section 4.30 requirements.
Flush Bolts

280X Dust Proof Strike
281D Slide Flushbolt
282D Manual Flushbolt for Metal Doors
291D Automatic Flushbolt Set for Wood Covered Composite Doors
293D Self Latching Flushbolt Set for Metal Doors

294D Self Latching Flushbolt Set for Wood Doors
295M Automatic Flushbolt with Fire Bolt Set for Metal Doors
296W Automatic Flushbolt Set for Wood Doors

Filler Plates and Shims
Size configurations are available to meet most applications.

336A Door Edge Filler Plate - 161 Prep
336B Door Edge Filler Plate - 86 Prep
336D Door Face Filler Plate - 161 Prep
336L Hinge Filler Plate - Frame
337A Template Hinge Shim
Latches and Latch Protection Plates

- **274D**
  - Door Guard

- **311H**
  - Push/Pull Latch

- **318D**
  - Roller Latch with Tee Strike

- **321R**
  - Adjustable Ball Catch with Strike

- **330L**
  - Privacy Pocket Door Latch

- **341D**
  - Latch Protector Plate with Lock Cut Out

- **345D**
  - Latch Protector Plate

- **1442**
  - Roller Latch with Full Lip Strike

Door Edgings and Corner Guards

- **180H-K-M-P-Q**
  - Mortise Type

- **181H-K-M-P-Q**
  - Overlap Type

- **182H-K-M-P-Q**
  - Surface Type

- **185G**
  - Corner Guard
    - Size: 3” x 3” x 40”
    - Thickness: .050”
    - Meets ANSI A156.6 for J210

Hager door edgings meet ANSI A156.6 Door Edging Type J201 through J212. Hinge and latch cutouts are available. Standard edge guards are 0.045” - 0.050” thick and are made for 1-3/4” +0, -1/32” door thickness.
Thresholds & Weatherstripping

Saddle Thresholds
To effectively seal out the elements, use saddle thresholds in conjunction with a door bottom, sweep, shoe, or bumper strip.

Half Saddle Thresholds
Ramp thresholds provide a 1:12 slope in order to meet Americans with Disabilities Act (ADA) requirements.

Thermal Barrier Saddle Thresholds
High strength thermal barrier is permanently bonded in place to block the transfer of heat or cold. To provide a seal, use in conjunction with a door bottom, sweep, shoe, or bumper strip. Other widths available.

Bumper Thresholds
Bumper thresholds are for use with outswinging doors in order to seal out the elements.
Thermal Barrier Panic Thresholds
These thresholds are for latching panic devices that have a thermal barrier permanently bonded in place to effectively block the transfer of heat or cold. They are used in conjunction with surface applied vertical rod exit devices.

Residential Thresholds
Residential thresholds are available with Sure Step® Non-Slip Abrasive Coating.

Interlocking Thresholds
Interlocking thresholds interlock with a hook on the bottom of the door for a superior seal against wind and rain.

Panic Thresholds
Panic thresholds are for use in conjunction with surface applied vertical rod exit devices.

Cover Plate Assembly Thresholds
Cover plate assembly thresholds are used with floor closers (center or offset hung) and in a single or double door application.
**Abrasive Cast Aluminum Thresholds**

Abrasive cast, heavy duty aluminum thresholds have silicon carbide granules integrally cast into the surface. They are ideal for high traffic areas where maximum durability is required. The abrasive, skid resistant surface works well under wet, dry, or oily conditions.

**Interlocking/Overhead Drip Guards**

**Cover Plates**

Cover plates are used primarily to cover expansion joints and for situations requiring extra width or strength. Manufactured from solid, cold rolled aluminum for extra durability.

**Astragals/Meeting Stiles**

Astragals and meeting stiles are fire rated and should only be mounted on pairs of doors with a gap that meets NFPA 80 2-3.1.7.
Door Bottoms
Door bottoms provide a seal against weather. For best results, use in conjunction with a threshold.

Automatic Door Bottoms
Automatic door bottoms provide an outstanding seal against drafts, light, smoke, and sound. For best results, use in conjunction with a threshold. When door fully closes, the gasket extends downward to provide a seal. Gasket retracts when door is opened.

Door Bottom Sweeps
Door bottom sweeps are typically used on the exterior of an outswing door.

Jamb Weatherstripping
With Hager sliding door hardware, you can choose from hundreds of fully tested products, including jump proof tracks, self-aligning wheel systems, and complete sets and accessories to meet any need.

**By-Pass**

Hager by-pass sliding door hardware series feature quick release hangers and a jump-proof style track.

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9110</td>
<td>Heavy Duty</td>
</tr>
<tr>
<td>9130</td>
<td>Aluminum I-Beam Track &amp; Hardware</td>
</tr>
<tr>
<td>9514</td>
<td>Aluminum Track</td>
</tr>
<tr>
<td>9583</td>
<td>Aluminum Box Track with 1-3/4&quot; (44 mm) Fascia &amp; Hardware</td>
</tr>
<tr>
<td>9611</td>
<td>Heavy Duty</td>
</tr>
<tr>
<td>9612</td>
<td>Aluminum Box Track &amp; Hardware</td>
</tr>
<tr>
<td>9614</td>
<td>Aluminum Track with 1-3/4&quot; (44 mm) Fascia &amp; Hardware</td>
</tr>
</tbody>
</table>

**Bi-Fold**

Hager bi-fold sliding door hardware series feature quick release hangers and a jump-proof style track. They can be used for both bi-fold and multi-fold applications.

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9570</td>
<td>Medium Duty</td>
</tr>
<tr>
<td>9571</td>
<td>Steel or Aluminum Box Track &amp; Hardware</td>
</tr>
<tr>
<td>9860</td>
<td>Heavy Duty</td>
</tr>
<tr>
<td>9861</td>
<td>Aluminum Box Track &amp; Hardware</td>
</tr>
<tr>
<td>9880</td>
<td>Heavy Duty</td>
</tr>
<tr>
<td>9881</td>
<td>Aluminum Box Track &amp; Hardware</td>
</tr>
</tbody>
</table>
Pocket
Hager pocket sliding door hardware series are sold as sets, with replacement parts available separately. They feature a jump-proof style track.

9110 Series
9130 Series
Extra Heavy Duty
Aluminum I-Beam
Track & Hardware

9678 Series
9878 Series
9901 Series
Heavy Duty
Extra Heavy Duty
Extra Heavy Duty
Aluminum Box
Aluminum Box
Aluminum Box
Track & Hardware
Track & Hardware
Track & Hardware

Pocket Door Kits
- Jump proof track and rollers
- 9601 aluminum box track
- Pre-assembled header assembly
- Real wood split studs

<table>
<thead>
<tr>
<th>Product</th>
<th>Max Door Weight</th>
<th>Door Thickness</th>
<th>Door Width</th>
<th>Door Height</th>
<th>Hanger Bearings</th>
</tr>
</thead>
<tbody>
<tr>
<td>9628</td>
<td>150 lbs</td>
<td>1-3/8&quot; - 1-3/4&quot;</td>
<td>3'0&quot;</td>
<td>9'0&quot;</td>
<td>Steel ball</td>
</tr>
<tr>
<td>9629</td>
<td>150 lbs</td>
<td>1-3/8&quot; - 1-3/4&quot;</td>
<td>3'0&quot;</td>
<td>8'0&quot;</td>
<td>Steel ball</td>
</tr>
<tr>
<td>9630</td>
<td>150 lbs</td>
<td>1-3/8&quot; - 1-3/4&quot;</td>
<td>3'0&quot;</td>
<td>7'0&quot;</td>
<td>Steel ball</td>
</tr>
<tr>
<td>9631</td>
<td>125 lbs</td>
<td>1-3/8&quot; - 1-3/4&quot;</td>
<td>3'0&quot;</td>
<td>6'8&quot;</td>
<td>Molded Celcon</td>
</tr>
</tbody>
</table>

Kit contains 1 header assembly, 2 pair of split studs, 2 heavy duty hangers, 2 door hanger plates, 1 bumper, 1 pair of door guides, 1 adjusting wrench, 2 floor plates, 2 end brackets

<table>
<thead>
<tr>
<th>Product</th>
<th>Max Door Weight</th>
<th>Door Thickness</th>
<th>Door Width</th>
<th>Door Height</th>
<th>Hanger Bearings</th>
</tr>
</thead>
<tbody>
<tr>
<td>9850</td>
<td>250 lbs</td>
<td>1-3/8&quot; - 1-3/4&quot;</td>
<td>4'0&quot;</td>
<td>8'0&quot;</td>
<td>Steel ball</td>
</tr>
</tbody>
</table>

Kit contains 1 header assembly, 3 pair of split studs, 2 heavy duty hangers, 2 door hanger plates, 1 bumper, 1 pair of door guides, 1 adjusting wrench, 3 floor plates, 2 end brackets
Pocket Door Kits

- Jump proof track and rollers
- 9601 aluminum box track
- Pre-assembled header assembly
- Real wood split studs
Hager Companies is a proud partner of The Green Schoolhouse Series -- a unique collaboration that gifts high-performance, environmentally sustainable, LEED® Platinum designed schoolhouses to Title I, low income public schools, making them less reliant on outdated and uninspired portable classrooms. Hager is the exclusive provider of door hardware for the schoolhouses.
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60 | the green schoolhouse series