

## 4700 Series



Hager 4700 Series exit device is ideal for standard duty commercial applications. It is UL listed for up to 3 hours (Rim) or 1-1/2 hours (SVR) fire doors, meets UL specifications for panic hardware, and is Severe Windstorm Resistant approved (Rim device only). It is constructed with die cast head covers and is packaged for convenience and versatility with thru-bolts included.

Die cast head cover

3/4" (18 mm) dead  
latching, stainless steel,  
Pullman type latchbolt



Fasteners include wood  
and machine screws,  
along with thru-bolts



## EXIT DEVICES

### GENERAL INFORMATION

Hager's 4700 Series exit devices meet Life Safety codes and Fire Safety requirements providing a perfect fit for use in light commercial and standard duty applications. The 4700 Series is UL305 Panic Listed and UL and cUL listed for up to 3 hour rated fire doors for the Rim device and 1-1/2 hours for the Surface Vertical Rod device. The 4700 Series Rim device also meets the requirements of ANSI A250.13 to be listed as a Severe Windstorm Resistant Component. The 4700 Series has a five-year warranty for devices and trims.

### Installation Made Easy

For the convenience of our customers, Hager Companies has introduced some new features to the exit device market.

- Thru-bolts are included with every model. Wood and machine screws are also provided standard in every package.
- Slotted strikes speed up installation, allowing the installer to make easy adjustments to align the latch to the strike.
- Escutcheon trim, with the locking mechanism built inside, reduces door preparation by requiring fewer holes in the door.

### Shim Kits

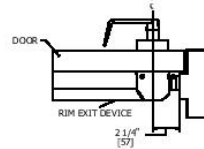
Shim kits are available for devices on doors with glass bead kits or other interfacing moldings. Each kit contains two 1/8" (3.2 mm) shims and the appropriate longer fasteners.

### Sizing

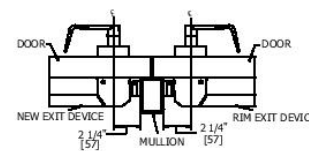
The exit device is cut for 36" (914 mm) and 48" (1219 mm) wide doors. For other door widths, cut exit device to appropriate length. Recommended overall length of exit device is equal to the door width minus four inches. The surface vertical rod devices are supplied for an 84" (2134 mm) opening standard, but can be ordered for a 96" (2438 mm) opening. Extension rods are available to accommodate openings taller than 96" (2438 mm) up to 120" (3048 mm).

### Applications

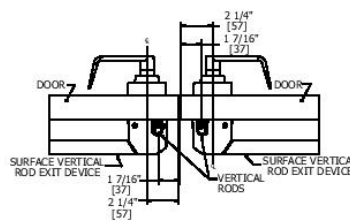
#### Single Door



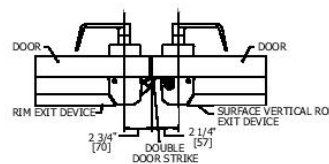
#### Double Door with Mullion



#### Double Door (2 SVR Devices)



#### Double Door (SVR x Rim)

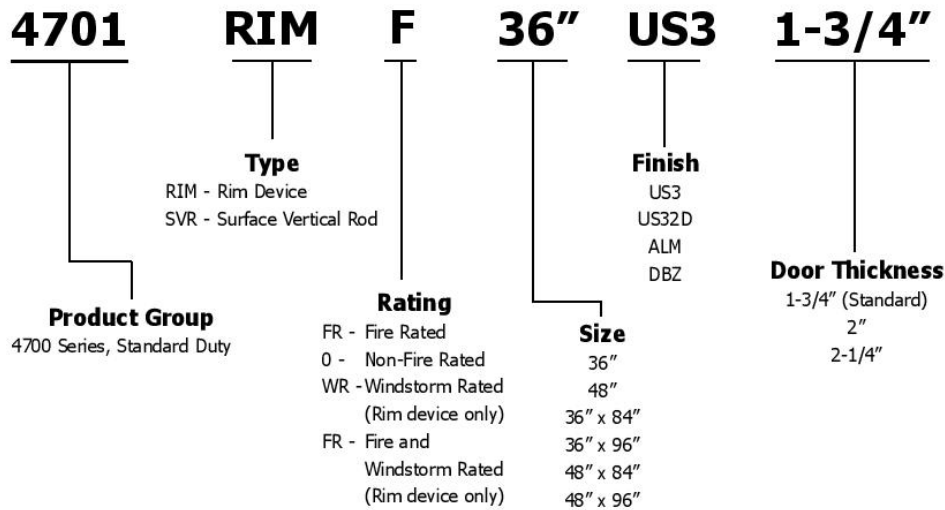


| Trim Functions      | Part Number                  | Function Description                                            | ANSI Number |
|---------------------|------------------------------|-----------------------------------------------------------------|-------------|
| Blank Escutcheon    | 47BE<br>47KP                 | Always operable (Passage)                                       | 14          |
| Cylinder Escutcheon | 47CE<br>47KE                 | Key locks or unlocks lever                                      | 08          |
| Dummy               | 47DT<br>47KD<br>47RD         | Pull when device is dogged down (specify handing when ordering) | 02          |
| Night Latch         | 47NL<br>47KN<br>47PN<br>47RN | Key retracts latchbolt (specify handing when ordering)          | 03          |

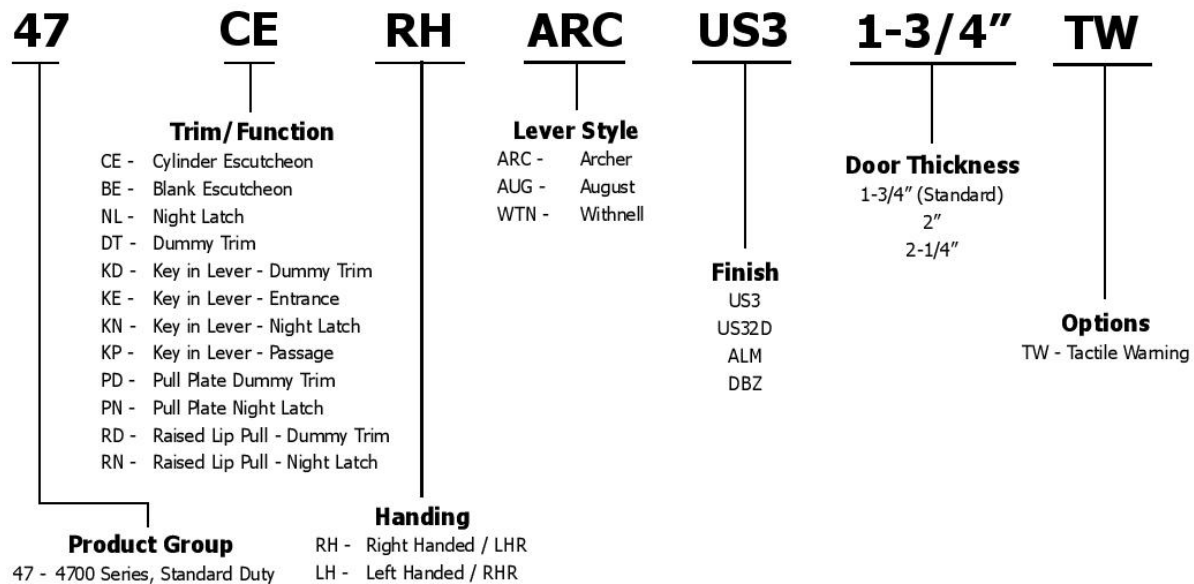




## HOW TO ORDER



## HOW TO ORDER - TRIM (MUST BE ORDERED SEPARATELY)



## Notes:

1. Handing is required for the 4700 Series trim.
2. Mortise cylinder 3902 is required for use with cylinder escutcheon and is sold separately.
3. For more cylinder information, please refer to General Information in the lock section of the catalog.
4. If using shim kit, specify total door thickness including shims.



## EXIT DEVICES



### 4700 Series

#### Standard Duty Rim Device

**Ideal for light commercial and standard duty applications**

- **Five-year warranty**
- **Thru-bolts supplied standard**

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications:   | <ul style="list-style-type: none"> <li>• Light commercial</li> <li>• Standard duty commercial</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                 |
| Certifications: | <ul style="list-style-type: none"> <li>• UL305 Listed for panic hardware</li> <li>• UL/cUL Listed for up to 3 hours for "A" label fire doors</li> <li>• UL10C/UBC 7-2 (1997) Positive Pressure Rated</li> <li>• UL10B Neutral Pressure Rated</li> <li>• ANSI A250.13 Severe Windstorm Resistant Component (Rim device only)</li> <li>• Complies with ANSI 117.1 for accessible buildings and facilities</li> <li>• Hex dogging feature standard on non-fire rated panic doors</li> </ul> |
| Trim:           | <ul style="list-style-type: none"> <li>• Archer, August, or Withnell lever with escutcheon</li> <li>• Archer, August, Withnell lever with key-in-lever trim</li> <li>• Raised lip pull</li> <li>• Pull plate trim</li> <li>• Rim cylinder x optional pull</li> </ul>                                                                                                                                                                                                                     |
| Covers:         | Casted brass, bronze, stainless steel, zinc                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Chassis:        | Painted steel, plated steel, stainless steel                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| End Caps:       | Painted steel, plated steel, stainless steel                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Door Width:     | <ul style="list-style-type: none"> <li>• 36" (914 mm) field sizeable to 30" (762 mm) door</li> <li>• 48" (1219 mm) field sizeable to 36" (914 mm) door</li> </ul>                                                                                                                                                                                                                                                                                                                        |
| Door Thickness: | 1-3/4" (44 mm) - Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Projection:     | <ul style="list-style-type: none"> <li>• 2-7/16" (62 mm) in undogged position</li> <li>• 1-3/16" (30 mm) in dogged position</li> </ul>                                                                                                                                                                                                                                                                                                                                                   |
| Stile Width:    | <ul style="list-style-type: none"> <li>• 4-1/2" (114 mm) - Minimum stile width required for single door and 5/8" (16 mm) stop</li> <li>• 4-1/2" (114 mm) - Minimum stile width required for double door x surface vertical rod device with double door strike</li> <li>• 5" (127 mm) - Minimum stile width required for double doors with 2" (51 mm) mullion</li> <li>• All stile widths are measured from door edge</li> </ul>                                                          |
| Fasteners:      | <ul style="list-style-type: none"> <li>• Wood and machine screws</li> <li>• Thru-bolts</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                        |
| Latchbolt:      | 3/4" (19 mm) throw, pullman type with automatic dead-latching, stainless steel                                                                                                                                                                                                                                                                                                                                                                                                           |
| Strikes:        | <ul style="list-style-type: none"> <li>• Stainless steel with roller - Included standard with panic and fire rated devices</li> <li>• Surface applied to frame with slotted holes for easy adjustment</li> <li>• Optional double door strike for use with surface vertical rod and rim devices</li> </ul>                                                                                                                                                                                |
| Finishes:       | US3, ALM, DBZ, US32D                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Notes:          | <ul style="list-style-type: none"> <li>• Cylinders sold separately</li> <li>• Recommended to be used on appropriately reinforced doors</li> </ul>                                                                                                                                                                                                                                                                                                                                        |



**4700 Series****Standard Duty****Surface Vertical Rod Device****Ideal for light commercial and standard duty applications**

- Five-year warranty
- Thru-bolts supplied standard

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Applications:   | <ul style="list-style-type: none"> <li>• Light commercial</li> <li>• Standard duty commercial</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                    |
| Certifications: | <ul style="list-style-type: none"> <li>• UL305 Listed for panic hardware</li> <li>• UL/cUL Listed for up to 1-1/2 hours for "A" label fire doors</li> <li>• UL10C/UBC 7-2 (1997) Positive Pressure Rated</li> <li>• UL10B Neutral Pressure Rated</li> <li>• Complies with ANSI 117.1 for accessible buildings and facilities</li> <li>• Hex dogging feature standard on non-fire rated panic doors</li> </ul>                                                                               |
| Trim:           | <ul style="list-style-type: none"> <li>• Archer, August, or Withnell lever with escutcheon</li> <li>• Archer, August, Withnell lever in key-in-lever trim</li> <li>• Raised lip pull</li> <li>• Pull plate trim</li> <li>• Rim cylinder x optional pull</li> </ul>                                                                                                                                                                                                                          |
| Covers:         | Casted brass, bronze, stainless steel, zinc                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Chassis:        | Painted steel, plated steel, stainless steel                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| End Caps:       | Painted steel, plated steel, stainless steel                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Door Width:     | <ul style="list-style-type: none"> <li>• 36" (914 mm) field sizeable to 30" (762 mm) door</li> <li>• 48" (1219 mm) field sizeable to 36" (914 mm) door</li> </ul>                                                                                                                                                                                                                                                                                                                           |
| Door Height:    | <ul style="list-style-type: none"> <li>• 7' (2134 mm) - Standard</li> <li>• 8' (2438 mm) - Optional</li> <li>• 10' (3048 mm) - Optional (with use of extension rods) - Panic only</li> </ul>                                                                                                                                                                                                                                                                                                |
| Door Thickness: | 1-3/4" (44 mm) - Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Projection:     | <ul style="list-style-type: none"> <li>• 2-7/16" (62 mm) in undogged position</li> <li>• 1-3/16" (30 mm) in dogged position</li> </ul>                                                                                                                                                                                                                                                                                                                                                      |
| Stile Width:    | <ul style="list-style-type: none"> <li>• 4-1/2" (114 mm) - Minimum stile width required for single door and 5/8" (16 mm) stop</li> <li>• 4" (102 mm) - Minimum stile width required for double doors</li> <li>• 4-1/2" (114 mm) - Minimum stile width required for double door x Rim device with double door strike</li> <li>• All stile widths are measured from door edge</li> </ul>                                                                                                      |
| Fasteners:      | <ul style="list-style-type: none"> <li>• Wood and machine screws</li> <li>• Thru-bolts</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                           |
| Latchbolt:      | <ul style="list-style-type: none"> <li>• Top - 3/8" (9 mm) throw, with automatic dead-latching, stainless steel</li> <li>• Bottom - 3/8" (9 mm) throw, held retracted during door swing, stainless steel</li> </ul>                                                                                                                                                                                                                                                                         |
| Rod Length:     | <ul style="list-style-type: none"> <li>• Rods for 7' (2134 mm) door - Standard</li> <li>• Rods for 8' (2438 mm) door - Optional</li> <li>• Door height of 6' 8" (2032 mm) requires 31-1/4" (794 mm) top rod length</li> <li>• Door height of 7' (2134 mm) requires 35-1/4" (895 mm) top rod length</li> <li>• Door height of 8' (2438 mm) requires 47-1/4" (1200 mm) top rod length</li> <li>• Extension rods available, 2' (610 mm) or 3' (914 mm) for doors over 7' (2134 mm).</li> </ul> |
| Strikes:        | <ul style="list-style-type: none"> <li>• Stainless steel with plated roller - Included Standard</li> <li>• Surface applied to frame with slotted holes for easy adjustment</li> <li>• Optional double door strike for use with surface vertical rod and rim devices</li> <li>• Optional threshold strike for use with saddle threshold</li> </ul>                                                                                                                                           |
| Finishes:       | US3, ALM, DBZ, US32D                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Notes:          | <ul style="list-style-type: none"> <li>• Recommended to be used on appropriately reinforced doors</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                |



## EXIT DEVICES

### 4700 SERIES ESCUTCHEON TRIM



#### 47BE

##### Blank Escutcheon

Function: 14 - Always operable (Passage)  
Levers: Archer, August, Withnell  
Projection: 2-7/8" (73 mm) for Archer; 2-7/8" (73 mm) for August; 2-3/4" (70 mm) for Withnell  
Escutcheon: 2-5/8" x 8" (67 mm x 203 mm)  
Finishes: ALM, DBZ, US3, US32D  
Handing: Specify when ordering



#### 47CE

##### Cylinder Escutcheon

Function: 08 - Key locks or unlocks lever  
Levers: Archer, August, Withnell  
Projection: 2-7/8" (73 mm) for Archer; 2-7/8" (73 mm) for August; 2-3/4" (70 mm) for Withnell  
Escutcheon: 2-5/8" x 8" (67 mm x 203 mm)  
Finishes: ALM, DBZ, US3, US32D  
Cylinder: Requires the use of a mortise cylinder, 3902, sold separately  
Handing: Specify when ordering



#### 47DT

##### Dummy Trim

Function: 02 - Pull when device is dogged down  
Levers: Archer, August, Withnell  
Projection: 2-7/8" (73 mm) for Archer; 2-7/8" (73 mm) for August; 2-3/4" (70 mm) for Withnell  
Escutcheon: 2-5/8" x 8" (67 mm x 203 mm)  
Finishes: ALM, DBZ, US3, US32D  
Handing: Specify when ordering



#### 47NL

##### Night Latch

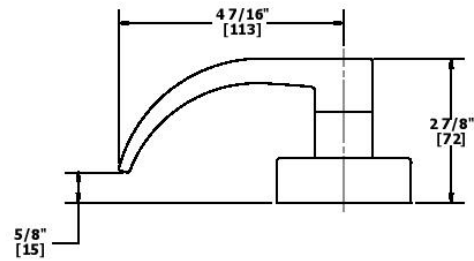
Function: 03 - Key retracts latchbolt  
Levers: Archer, August, Withnell  
Projection: 2-7/8" (73 mm) for Archer; 2-7/8" (73 mm) for August; 2-3/4" (70 mm) for Withnell  
Escutcheon: 2-5/8" x 8" (67 mm x 203 mm)  
Finishes: ALM, DBZ, US3, US32D  
Cylinder: Requires the use of a mortise cylinder, 3902, sold separately  
Handing: Specify when ordering



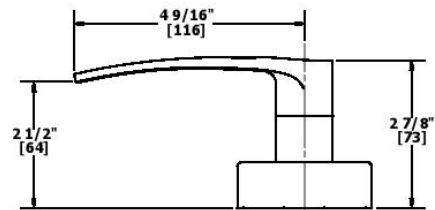


**4700 SERIES ESCUTCHEON TRIM - LEVER OPTIONS**

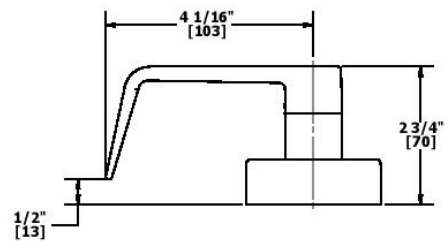
**ARCHER LEVER**



**AUGUST LEVER**



**WITHNELL LEVER**





## EXIT DEVICES

### 4700 SERIES KEY-IN-LEVER TRIM



#### 47KD

##### Key in Lever Dummy Trim

Function: 02 - Entrance by trim when actuating bar is locked down  
Levers: Archer, August, Withnell  
Projection: 3-1/16" (78 mm) for Archer; 3-1/8" (79 mm) for August; 3-1/16" (78 mm) for Withnell  
Rose Diameter: 3-3/8" (86 mm)  
Finishes: ALM, DBZ, US3, US32D



#### 47KE

##### Key in Lever Entrance

Function: 08 - Entrance by trim; key locks or unlocks trim  
Levers: Archer, August, Withnell  
Knob: Apollo  
Projection: 3-1/16" (78 mm) for Archer; 3-1/8" (79 mm) for August; 3-1/16" (78 mm) for Withnell; 3-1/8" (79 mm) for Apollo  
Rose Diameter: 3-3/8" (86 mm)  
Finishes: ALM, DBZ, US3, US32D for levers; US32D for knob  
Cylinder:

- Standard core, C keyway - Standard
- Small Format Interchangeable Core housing available for levers only, cylinder sold separately, 3981

Keys: Two (2) brass keys per lock



#### 47KN

##### Key in Lever Night Latch

Function: 03 - Entrance by trim when latch bolt is released by key; key is removable when locked  
Levers: Archer, August, Withnell  
Knob: Apollo  
Projection: 3-1/16" (78 mm) for Archer; 3-1/8" (79 mm) for August; 3-1/16" (78 mm) for Withnell; 3-1/8" (79 mm) for Apollo  
Rose Diameter: 3-3/8" (86 mm)  
Finishes: ALM, DBZ, US3, US32D for levers; US32D for knob  
Cylinder:

- Standard core, C keyway - Standard
- Small Format Interchangeable Core housing available for levers only, cylinder sold separately, 3981

Keys: Two (2) brass keys per lock



#### 47KP

##### Key in Lever Passage

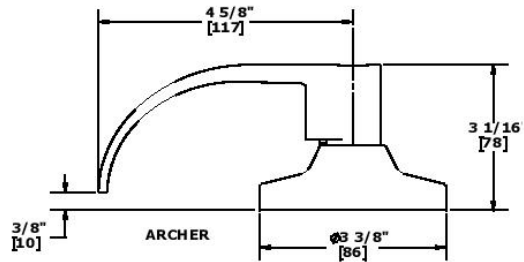
Function: 14 - Entrance by trim when latch bolt is released by lever; always active, no cylinder  
Levers: Archer, August, Withnell  
Projection: 3-1/16" (78 mm) for Archer; 3-1/8" (79 mm) for August; 3-1/16" (78 mm) for Withnell  
Rose Diameter: 3-3/8" (86 mm)  
Finishes: ALM, DBZ, US3, US32D



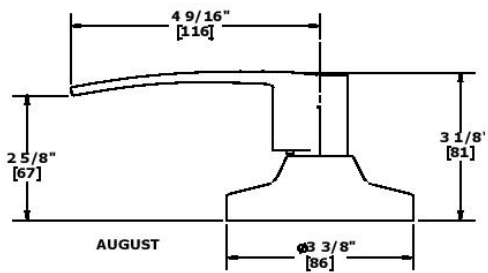


## 4700 SERIES KEY-IN-LEVER TRIM - LEVER OPTIONS

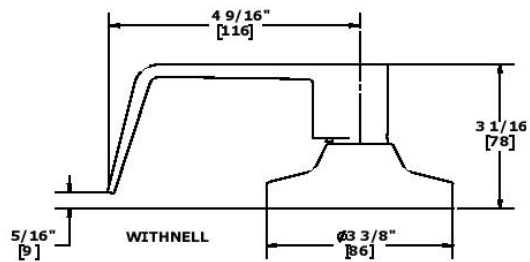
### ARCHER LEVER



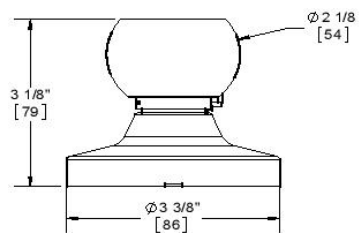
### AUGUST LEVER



### WITHNELL LEVER



### APOLLO KNOB





## EXIT DEVICES

### 4700 SERIES PULL PLATE TRIM



#### 47PD

##### Dummy Trim

Function: 02 - Pull when device is dogged down  
Projection: 1-3/4" (44.5 mm)  
Escutcheon: 3" x 11" (76 mm x 279 mm)  
Pull CTC: 5-1/2" (140 mm)  
Finishes: ALM, DBZ, US3, US32D



#### 47PN

##### Night Latch

Function: 03 - Key retracts latchbolt  
Projection: 1-3/4" (44.5 mm)  
Escutcheon: 3" x 11" (76 mm x 279 mm)  
Pull CTC: 5-1/2" (140 mm)  
Finishes: ALM, DBZ, US3, US32D  
Cylinder: Requires the use of a rim cylinder, 3901, sold separately  
Notes: Supplied with retaining cup for use with 161 door prep

### 4700 SERIES RAISED LIP TRIM



#### 47RD

##### Raised Lip Pull Dummy

Function: 02 - Pull when device is dogged down  
Size: 3" x 7-3/4" (76 mm x 197 mm)  
Projection: 1" (25 mm)  
Finishes: ALM, DBZ, US3, US32D



#### 47RN

##### Raised Lip Pull Night Latch

Function: 03 - Key retracts latchbolt  
Size: 3" x 7-3/4" (76 mm x 197 mm)  
Projection: 1" (25 mm)  
Finishes: ALM, DBZ, US3, US32D  
Cylinder: Requires the use of a Rim cylinder, 3901, sold separately  
Notes: Must purchase retaining cup, 2-649-0137, separate for 161 door prep



## EXIT DEVICES



### 4700 SERIES STRIKES



#### **4910 Strike**

Included standard with 4700 Series Rim exit device

Finishes: US32D



#### **4911**

##### **Double Door Strike**

Optional strike for use with 4700 Series Surface Vertical Rod and Rim exit device

Finishes: US32D



#### **4913**

##### **Top Strike**

Included standard with 4700 Series Surface Vertical Rod exit device

Finishes: US32D

Note: Can be used for both panic and fire rated surface vertical rod devices



#### **4914**

##### **Bottom Strike**

Included standard with 4700 Series Surface Vertical Rod exit device

Finishes: US32D



#### **4915**

##### **Threshold Strike**

Optional strike for use with surface vertical rod exit device and saddle threshold

Finishes: US32D

### 4700 SERIES ACCESSORIES



#### **4917**

##### **Bottom Latch Assembly**

For use with 4700 Surface Vertical Rod exit device

Finishes: US3, ALM, DBZ, US32D

Packaging: One (1) bottom latch with cover and appropriate fasteners



#### **4918**

##### **Top Latch Assembly**

For use with 4700 Surface Vertical Rod exit device

Finishes: US3, ALM, DBZ, US32D

Packaging: One (1) top latch with cover and appropriate fasteners



#### **4919**

##### **Top Rod Replacement Kit**

For use with 4700 Surface Vertical Rod exit device

Finishes: US3, ALM, DBZ, US32D

Packaging: One (1) each 47-1/4" (1200 mm) rod, rod guide, rod connector assembly, and appropriate fasteners



#### **4931R**

##### **Shim Kit**

To be used with 4700 Rim exit devices where a glass bead kit or molding would interfere with exit device

Finishes: US3, ALM, DBZ, US32D

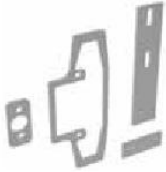
Packaging: Two (2) each 1/8" (3 mm) shims and appropriate fasteners





## EXIT DEVICES

### 4700 SERIES ACCESSORIES (CONTINUED)



#### 4931S

##### Shim Kits

To be used with 4700 Series Surface Vertical Rod exit devices where a glass bead kit or molding would interfere with exit device

Finishes: US3, ALM, DBZ, US32D  
Packaging: Two (2) each 1/8" (3 mm) shims and appropriate fasteners



#### 4933R

##### Head Cover

For use with 4700 Series Rim exit device

Finishes: US3, ALM, DBZ, US32D  
Packaging: One (1) head cover with four (4) each M4 x 6 mm MS



#### 4933S

##### Head Cover

For use with 4700 Series Surface Vertical Rod exit device

Finishes: US3, ALM, DBZ, US32D  
Packaging: One (1) head cover with four (4) each M4 x 6 mm MS



#### 4934

##### Non-Fire Rated Dogging Plate

For use with 4700 Series exit devices

Finishes: US3, ALM, DBZ, US32D  
Packaging: One (1) each dogging plate and hex key



#### 4934F

##### Fire Rated Dogging Plate

For use with 4700 Series exit devices

Finishes: US3, ALM, DBZ, US32D



#### 4936

##### 24" Extension Rod Kit

For use with 4700 Series Surface Vertical Rod exit device

Finishes: US3, ALM, DBZ, US32D  
Packaging: One (1) each 24" (610 mm) extension rod, rod connector, rod guide, plus wood and machine screws

Notes: Threaded on both ends; if cuts are required, cut the standard top rod on non-threaded end.



#### 4937

##### 36" Extension Rod Kit

For use with 4700 Series Surface Vertical Rod exit device

Finishes: US3, ALM, DBZ, US32D  
Packaging: One (1) each 36" (914 mm) extension rod, rod connector, rod guide, plus wood and machine screws

Notes: Threaded on both ends; if cuts are required, cut the standard top rod on non-threaded end.

