Exit Devices





Every model in Hager's line of exit devices is designed and engineered to assure you and your customers years and years of superior performance. Hager exit devices use fewer moving parts and are constructed with high-quality features--like die cast caps on our lifetime warranty 4500 Series, and die cast head covers on all our models. All Hager exit devices meet UL specifications for panic devices and are fire rated for up to three hours.

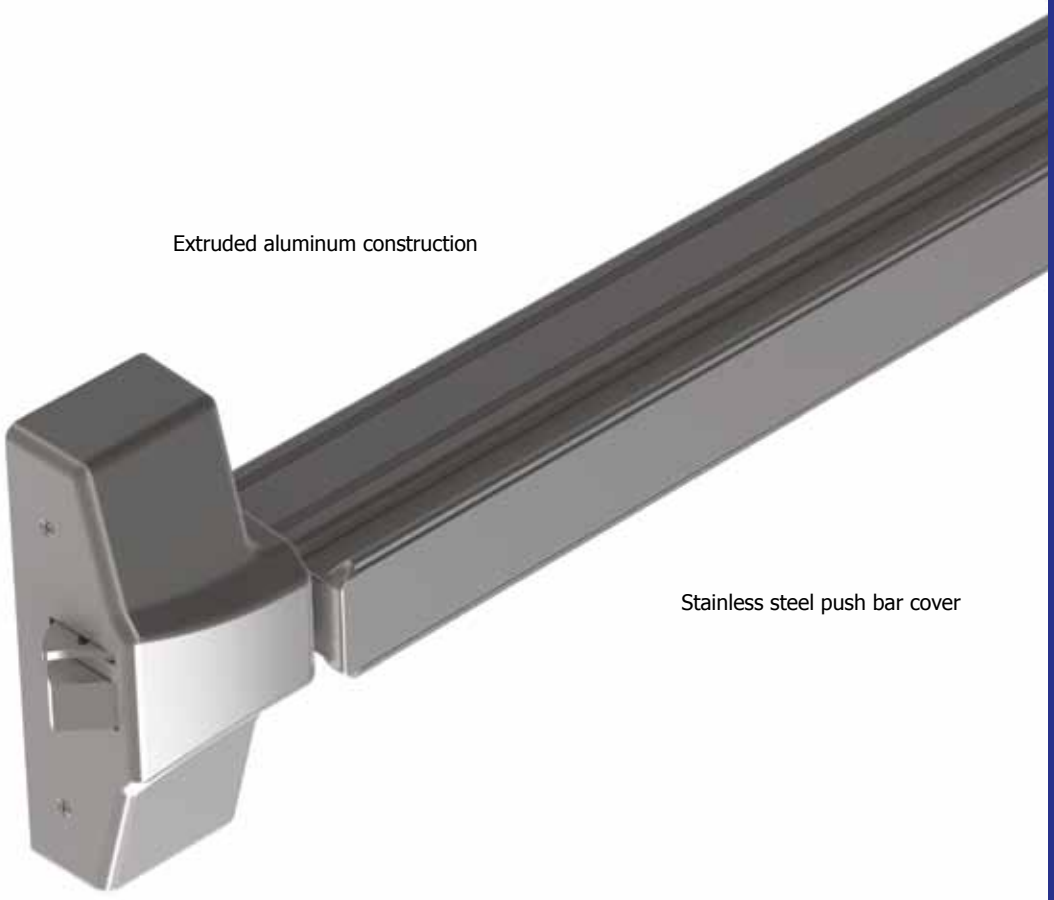
You'll also find that Hager exit devices were designed with ease of installation in mind. We package our exit devices for convenience and versatility, with thru-bolts included for every model, slotted strikes, non-handed designs, plus escutcheon trim available in four functions (dummy, blank, entry and night latch).

4500 Series





Hager 4500 Series Grade 1 exit device is designed and engineered for superior performance--using fewer moving parts and constructed with die cast caps and head covers. Our 4500 Series exit device is BHMA certified, UL listed for up to three hours, meets UL specifications for panic hardware, is severe windstorm resistant approved, and is backed by a lifetime warranty.



EXIT DEVICES

GENERAL INFORMATION

Hager 4500 Series Grade 1 exit device meets Life Safety codes and Fire Safety requirements providing a perfect fit for use in commercial office buildings, medical and educational facilities, as well as hospitality structures.

The 4500 Series is BHMA-Certified to the requirements of ANSI 156.3 for Grade 1 exit devices and is UL 305 Panic Listed and UL and cUL Listed for up to 3 hour rated fire doors for both rim and surface vertical rod.

These devices have also met the requirements of ANSI A250.13 to be listed as a Severe Windstorm Component. The 4500 Series exit device offers a lifetime warranty to provide peace of mind from the distributors to the building owner.

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.
- Non-handed device offers added versatility and means less inventory.
- 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.

Cylinder Dogging

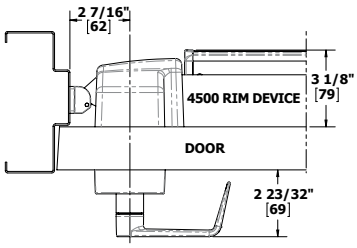
Cylinder dogging is available to replace the standard hex key dogging on panic exit devices. Specify CD on order or purchase 4926 for retrofit applications. Unit requires 1-1/8" mortise cylinder (part number 3902) with standard cam.

Sizing

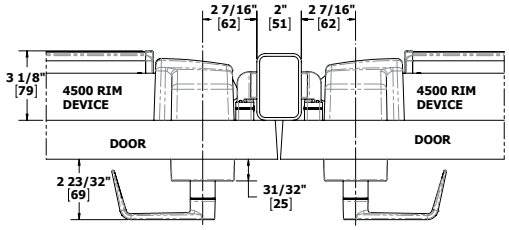
The exit device is cut for 36" (914 mm) and 48" (1219 mm) wide doors. For other door widths, cut exit device to appropriate length. Recommended overall length of exit device is equal to the door width minus four inches. The surface vertical rod devices are supplied for an 84" (2134 mm) opening standard,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

Applications

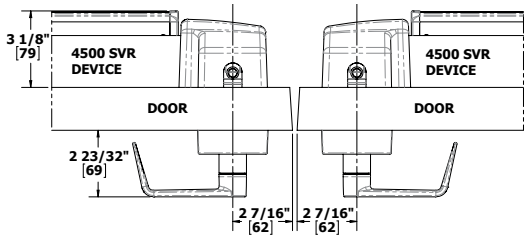
Single Door



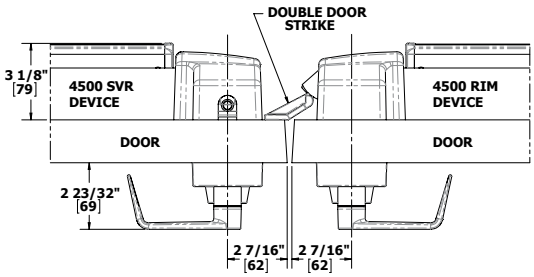
Double Door with Mullion



Double Door (2 SVR Devices)



Double Door (SVR x Rim)



Trim Functions	Part Number	Function Description	ANSI Number
Blank Escutcheon	45BE	Always operable (Passage)	14
Cylinder Escutcheon	45CE	Key locks or unlocks lever	08
Dummy	45DT 45PD	Pull when device is dogged down	02
Night Latch	45NL 45PN	Key retracts latchbolt	03

HOW TO ORDER

4501 RIM F 36″ US3 1-3/4″ ELR

Product Group
4500 Series, Grade 1

Type
RIM - Rim Device
SVR - Surface Vertical Rod
LBR -Surface Vertical Rod Less Bottom Rod (see note 1 below)

Rating
FR - Fire Rated
0 - Non-Fire Rated
CD - Cylinder Dogging
WR - Windstorm Rated
FW - Windstorm and Fire Rated

Size
36″
48″
36″ x 84″
36″ x 96″
48″ x 84″
48″ x 96″
48″ x 120″

Finish
US3
US4
US10
US10B
US26
US26D
US32D

Door Thickness
1-3/4″
2″
2-1/2″
3″

Electric Modifications
ALK - Alarm Kit
ALT - Alarm Kit w/ Tamper Switch
ALM - Alarm Kit w/ Latch Monitor
ALL - Alarm Kit w/ Tamper Switch and Latch Monitor
ELR - Electric Latch Retraction
ELRX - Electric Latch Retraction with Request to Exit
RX - Request to Exit
ED - Electric Dogging
EDRX - Electric Dogging with Request to Exit

Notes:
1. Fire Rated LBR devices must be ordered in pairs of vertical rod devices and with a spring loaded fire latch to ensure the device's fire rating.

4501 LBR Fire 36″ x 84″ EO PLUS 4501 LBR Fire 36″ x 84″ EO with bolt
OR
4501 LBR Fire 36″ x 84″ EO PLUS an approved automatic or constant latching flush bolt

HOW TO ORDER - TRIM (MUST BE ORDERED SEPARATELY)

45 CE ARC US3 1-3/4″ EL24

Product Group
45 - 4500 Series, Grade 1

Trim/Function
CE - Cylinder Escutcheon
Function 08, key locks/unlocks lever
BE - Blank Escutcheon
Function 14, always operable
NL - Night Latch
Function 03, key retracts latchbolt
DT - Dummy Trim
Function 02, pull when dogged down
PD - Pull Plate Dummy Trim
Function 02, pull when dogged down
PN - Pull Plate Night Latch
Function 03, key retracts latchbolt
ET - Electrified Trim

Lever Style
ARC - Archer
AUG - August
WTN - Withnell

Finish
US3
US4
US10
US10B
US26
US26D
US32D*

Door Thickness
1-3/4″
2″
2-1/2″
3″

Options
EL24 - Fail Safe, 24 Volt
EL12 - Fail Safe, 12 Volt
EU24 - Fail Secure, 24 Volt
EU12 - Fail Secure, 12 Volt
TW - Tactile Warning

Notes:
1. Mortise cylinder 3902 is required for use with cylinder escutcheon and is sold separately.
2. Rim cylinder with long tailpiece 3901 is required for use with night latch trim and is sold separately.
3. For more cylinder information, please refer to general information in the Locks section of the catalog.
4. If using shim kit, specify total door thickness including shims.

*US32D only available for pull plate trim (45PD, 45PN), not available in standard escutcheon trims (45BE, 45CE, 45DT, 45NL).



4500 Series

Grade 1
Rim Device
Ideal for heavy duty commercial applications

- **Lifetime warranty**
- **Thru-bolts supplied standard**

Applications:	Heavy duty commercial
Certifications:	• BHMA Certified ANSI A156.3 • UL/cUL Listed for up to 3 hours for "A" label 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 (requires use of windstorm reinforcing bracket, 2-649-0154, on Rim device) • Complies with ANSI 117.1 for accessible buildings and facilities • Hex dogging feature standard on non-fire labeled doors
Trim:	• Archer, August, or Withnell Lever with escutcheon • Pull plate trim • Rim cylinder x optional pull
Covers:	Stainless steel, zinc
Chassis:	Aluminum
End Caps:	Zinc
Door Width:	• 36" (914 mm) field sizeable to 30" (762 mm) door • 48" (1219 mm) field sizeable to 36" (914 mm) door
Door Thickness:	1-3/4" (44 mm) - Standard
Projection:	• 3" (76 mm) in undogged position • 2-5/8" (67 mm) in dogged position
Stile Width:	• 5-3/8" (137 mm) - Minimum stile width required for single door and 5/8" (16 mm) stop • 4-7/8" (124 mm) - Minimum stile width required for double door x surface vertical rod with double door strike • 5-3/4" (146 mm) - Minimum stile width required for double doors with 2" (51 mm) mullion • All stile widths are measured from door edge
Fasteners:	• Wood and machine screws • Thru-bolts
Latchbolt:	3/4" (19 mm) throw, pullman type with automatic dead-latching, stainless steel
Strikes:	• Stainless steel with plated rollers - Included standard with panic devices • Solid stainless steel - Included standard with fire rated devices • Surface applied to frame with slotted holes for easy adjustment • Double door strike for use with surface vertical rod and rim device available
Finishes:	• US3, US4, US10, US10B, US26, US26D, US32D
Notes:	• Cylinder dogging available on non-fire rated devices, specify CD • 3902 1-1/8" (29 mm) mortise cylinder sold separately • Recommended to be used on appropriately reinforced doors



4500 Series

Grade 1
Surface Vertical Rod Device
Ideal for heavy duty commercial applications

- **Lifetime warranty**
- **Thru-bolts supplied standard**

Applications:	Heavy duty commercial
Certifications:	• BHMA Certified ANSI A156.3 • UL/cUL Listed for up to 3 hours for "A" label doors up to 10' (3048 mm) in height • UL10C/UBC 7-2 (1997) Positive Pressure Rated • UL10B Neutral Pressure Rated • UL305 Listed for Panic Hardware • ANSI A250.13 Severe Windstorm Resistant Component • Complies with ANSI 117.1 for accessible buildings and facilities • Hex dogging feature standard on non-fire labeled doors
Trim:	• Archer, August, or Withnell Lever with escutcheon • Pull plate trim • Rim cylinder x optional pull
Covers:	Stainless steel, Zinc
Chassis:	Aluminum
End Caps:	Zinc
Door Width:	• 36" (914 mm) field sizeable to 30" (762 mm) door • 48" (1219 mm) field sizeable to 36" (914 mm) door
Door Height:	• 7' (2134 mm) - Standard • 8' (2438 mm) - Optional • 10' (3048 mm) - Optional
Door Thickness:	1-3/4" (44 mm) - Standard
Projection:	• 3" (76 mm) in undogged position • 2-5/8" (67 mm) in dogged position
Stile Width:	• 5-3/8" (137 mm) - Minimum stile width required for single door and 5/8" (16 mm) stop • 4-7/8" (124 mm) - Minimum stile width required for double doors • 4-7/8" (124 mm) - Minimum stile width required for double door x Rim Device with double door strike • All stile widths are measured from door edge
Fasteners:	• Wood and machine screws • Thru-bolts
Latchbolt:	• Top - 1/2" (13 mm) throw, pullman type with automatic dead-latching, stainless steel • Bottom - 1/2" (13 mm) throw, pullman type, held retracted during door swing, stainless steel
Rod Length:	• Rods for 7' (2134 mm) door - Standard • Rods for 8' (2438 mm) door - Optional • Rods for 10' (3048 mm) door - Optional • Door height of 6' 8" (2032 mm) requires 29-1/4" (743 mm) top rod length • Door height of 7' (2134 mm) requires 33-1/4" (845 mm) top rod length • Door height of 8' (2438 mm) requires 45-1/4" (1149 mm) top rod length • Extension rods available, 2' (610 mm) or 3' (914 mm) for doors over 7' (2134 mm)
Strikes:	• Stainless steel with plated rollers - Included standard with panic devices • Solid stainless steel - Included standard with fire rated devices • 10' (3048 mm) fire rated device requires strike and hook kit, 4912, for top strike • Surface applied to frame with slotted holes for easy adjustment • Double door strike for use with surface vertical rod and rim device available
Finishes:	US3, US4, US10, US10B, US26, US26D, US32D
Notes:	• Cylinder dogging available on non-fire rated devices, specify CD • 3902 1-1/8" (29 mm) mortise cylinder sold separately • Recommended to be used on appropriately reinforced doors

EXIT DEVICES



4500 Series

Grade 1
Surface Vertical Rod Device Less Bottom Rod
Ideal for heavy duty commercial applications

- **Lifetime warranty**
- **Thru-bolts supplied standard**

Applications:	Heavy duty commercial
Certifications:	• BHMA Certified ANSI A156.3 • UL/cUL Listed for up to 3 hours for "A" label doors • UL10C/UBC 7-2 (1997) Positive Pressure Rated • UL10B Neutral Pressure Rated • UL305 Listed for panic hardware • Complies with ANSI 117.1 for accessible buildings and facilities • Hex dogging feature standard on non-fire labeled doors
Trim:	• Archer, August, or Withnell Lever with escutcheon • Pull plate trim • Rim cylinder x optional pull
Covers:	Stainless steel, Zinc
Chassis:	Aluminum
End Caps:	Zinc
Door Width:	• 36" (914 mm) field sizeable to 30" (762 mm) door • 48" (1219 mm) field sizeable to 36" (914 mm) door
Door Height:	• 7' (2134 mm) - Standard • 8' (2438 mm) - Optional • 10' (3048 mm) - Optional (panic device only)
Door Thickness:	1-3/4" (44 mm) - Standard
Projection:	• 3" (76 mm) in undogged position • 2-5/8" (67 mm) in dogged position
Stile Width:	• 5-3/8" (137 mm) - Minimum stile width required for single door and 5/8" (16 mm) stop • 4-7/8" (124 mm) - Minimum stile width required for double doors • 4-7/8" (124 mm) - Minimum stile width required for double door x Rim device with double door strike • All stile widths are measured from door edge
Fasteners:	• Wood and machine screws • Thru-bolts
Latchbolt:	Top - 1/2" (13 mm) throw, pullman type with automatic dead-latching, stainless steel
Rod Length:	• Rods for 7' (2134 mm) door - Standard • Rods for 8' (2438 mm) door - Optional • Door height of 6' 8" (2032 mm) requires 29-1/4" (743 mm) top rod length • Door height of 7' (2134 mm) requires 33-1/4" (845 mm) top rod length • Door height of 8' (2438 m) requires 45-1/4" (1149 mm) top rod length • Extension rods available, 2' (610 mm) or 3' (914 mm) for doors over 7' (2134 mm)
Strikes:	• Stainless steel with plated rollers - Included standard for panic devices • Solid stainless steel - Included standard with fire rated devices • Surface applied to frame with slotted holes for easy adjustment • Double door strike for use with surface vertical rod and rim device available
Finishes:	US3, US4, US10, US10B, US26, US26D, US32D
Notes:	• Cylinder Dogging available on non-fire rated devices, specify CD • 3902 1-1/8" (29 mm) mortise cylinder sold separately • Recommended to be used on appropriately reinforced doors • Hole plug for head cover included standard • Fire rated LBR devices must be ordered in pairs of vertical rod devices and with a spring loaded fire latch, 2-649-0166, to ensure the device's fire rating



4500 Series - Electric Exit Devices

Rim and Surface Vertical Rod Devices and Trim
Heavy duty commercial

- **Lifetime warranty on exit body only**
- **One-year warranty on electric components**
- **Thru-bolts supplied standard**

Certifications:
- BHMA Certified ANSI A156.3 Grade 1
- UL/cUL Listed for up to three hours for "A" label 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 (requires the use of windstorm reinforcement bracket, 2-649-0154, on Rim device)

Minimum Door Width: 36" (914 mm) for electric latch retraction and electric dogging

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

Function	Function Number	Function Description
Electric Latch Retraction	ELR*	Provides a remote means of locking or unlocking exit devices.
Electric Latch Retraction with Request to Exit	ELRX*	Provides a remote means of locking or unlocking exit devices along with a switch for tying into an alarm system, magnetic locks, or a console.
Electric Dogging	ED*	Provides continuous latch retraction and dogging simultaneously.
Electric Dogging with Request to Exit	EDRX*	Provides continuous latch retraction and dogging simultaneously along with a switch for tying into an alarm system, magnetic locks, or a console.
Request to Exit	RX	Used to shunt an alarm, activate an alarm, provide release of magnetic locks, or signal a control console.
Alarm Kit	ALK*	Battery operated alarm to discourage unauthorized use of an opening while maintaining a means of egress.
Electric Trim - Fail Safe	EL	Lever continuously locked electrically. Unlocked by key outside, by switch, or by a power failure. Push bar side always free for immediate egress.
Electric Trim - Fail Secure	EU	Lever continuously locked until unlocked electrically or by key. Push bar side always free for immediate egress.

* Not available with mechanical dogging.

Notes: 1. Fail Safe (EL) and Fail Secure (EU) available in 12 and 24 volt, must specify.
2. Latch monitor and tamper switch available with ALK

Product	Description
2901	For use with 4500 Series electric latch retraction
2902	For use with 4500 Series electric latch retraction in a day/night mode of operation
2903	Provides power for Fail Safe or Fail Secure locking devices and interference with building alarm controls,, card reader, keypads, and other door controls
2904	Provides power and control for openings with an electrified locking device and automatic door operator

Note: Must use Hager 2901 or 2902 to power electric latch retraction.

4500 SERIES ESCUTCHEON TRIM



45BE
Blank Escutcheon

Function:	14 - Always operable (passage)
Levers:	Archer, August, Withnell
Projection:	2-13/16" (71 mm) for Archer; 2-7/8" (73 mm) for August; 2-11/16" (68 mm) for Withnell
Escutcheon:	2-7/8" x 10-3/4" (73 mm x 273 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D



45CE
Cylinder Escutcheon

Function:	08 - Key locks or unlocks lever
Levers:	Archer, August, Withnell (clutching lever)
Projection:	2-13/16" (71 mm) for Archer; 2-7/8" (73 mm) for August; 2-11/16" (68 mm) for Withnell
Escutcheon:	2-7/8" x 10-3/4" (73 mm x 273 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D
Cylinder:	Mortise cylinder, 3902, sold separately



45DT
Dummy Trim

Function:	02 - Pull when device is dogged down
Levers:	Archer, August, Withnell
Projection:	2-13/16" (71 mm) for Archer; 2-7/8" (73 mm) for August; 2-11/16" (68 mm) for Withnell
Escutcheon:	2-7/8" x 10-3/4" (73 mm x 273 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D



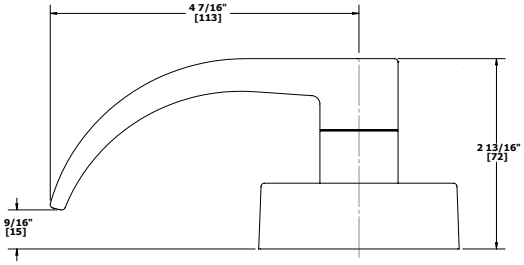
45NL
Night Latch

Function:	03 - Key retracts latchbolt
Levers:	Archer, August, Withnell (rigid lever)
Projection:	2-13/16" (71 mm) for Archer; 2-7/8" (73 mm) for August; 2-11/16" (68 mm) for Withnell
Escutcheon:	2-7/8" x 10-3/4" (73 mm x 273 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D
Cylinder:	Rim cylinder, 3901, with long tailpiece sold separately

4500 SERIES ESCUTCHEON TRIM - LEVER OPTIONS

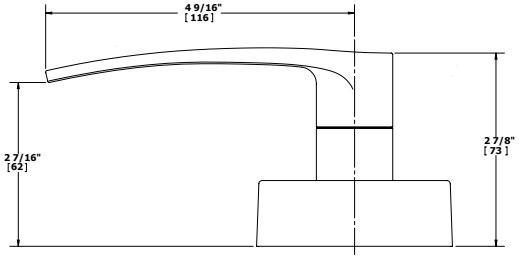
ARCHER LEVER





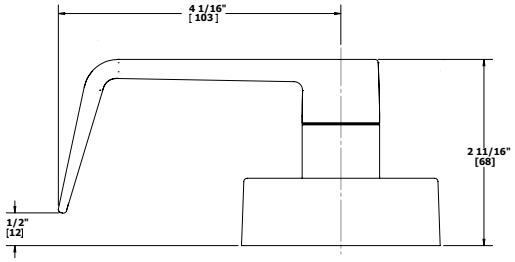
AUGUST LEVER





WITHNELL LEVER





4500 SERIES PULL PLATE TRIM



45PD
Dummy Trim

Function:	02 - Pull when device is dogged down
Projection:	1-3/4" (44 mm)
Escutcheon Plate:	3" x 14" (76 mm x 356 mm)
Pull CTC:	5-1/2" (140 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D, US32D



45PN
Night Latch

Function:	03 - Key retracts latchbolt
Projection:	1-3/4" (44 mm)
Escutcheon Plate:	3" x 14" (76 mm x 356 mm)
Pull CTC:	5-1/2" (140 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D, US32D

EXIT DEVICES

4500 SERIES STRIKES



4915
Threshold Strike
Optional strike for use with surface vertical rod exit device and saddle threshold
Finishes: US32D



4920
Strike
Included standard with 4500 Series Rim exit device
Finishes: US32D



4920F
Fire Rated Strike
Included standard with 4500 Series Rim exit device
Finishes: US32D



4921
Double Door Strike
Optional strike to be used with 4500 Series Surface Vertical Rod and Rim exit device
Finishes: US3, US4, US10, US10B, US26, US32D



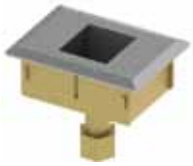
4923
Top Strike
Included standard with 4500 Series Surface Vertical Rod exit device
Finishes: US32D



4923F
Fire Rated Top Strike
Included standard with 4500 Series Surface Vertical Rod exit device
Finishes: US32D



4924
Bottom Strike
Included standard with 4500 Series Surface Vertical Rod exit device
Finishes: US32D



4924F
Fire Rated Bottom Strike
Included standard with 4500 Series Surface Vertical Rod exit device
Finishes: US32D

4500 SERIES ACCESSORIES



4926
Cylinder Dogging Conversion Kit

Finishes: US3, US4, US10, US10B, US26, US26D, US32D

Packaging: One (1) each dogging plate, cylinder collar, cash box nut

Notes:
- Mortise cylinder, 3902, sold separately
- Specify 36" (914 mm) or 48" (1219 mm)



4927
Bottom Latch Assembly

For use with 4500 Series Surface Vertical Rod exit device

Description: 1/2" (13 mm) throw, pullman type, held retracted during door swing, stainless steel

Finishes: US3, US4, US10, US10B, US26, US26D, US32D

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



4928
Top Latch Assembly

For use with 4500 Series Surface Vertical Rod exit device

Description: 1/2" (13 mm) throw, pullman type, held retracted during door swing, stainless steel

Finishes: US3, US4, US10, US10B, US26, US26D, US32D

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



4929
Top Rod Replacement Kit

For use with 4500 Series Surface Vertical Rod exit device

Finishes: US3, US4, US10, US10B, US26, US26D, US32D

Packaging: One (1) each 45-1/4" (1149 mm) rod, rod guide, rod connector, and appropriate fasteners



4930R
Shim Kits

To be used with 4500 Series Rim exit devices where a glass bead kit would interfere with exit device

Finishes: US3, US4, US10, US10B, US26, US26D, US32D

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



4930S
Shim Kits

To be used with 4500 Series Surface Vertical Rod exit devices where a glass bead kit would interfere with exit device

Finishes: US3, US4, US10, US10B, US26, US26D, US32D

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

4500 SERIES ACCESSORIES (CONTINUED)



4932R
Head Cover

For use with 4500 Series Rim exit device

Finishes:	US3, US4, US10, US10B, US26, US26D, US32D
Packaging:	One (1) head cover and four (4) each M4 x 6mm MS



4932S
Head Cover

For use with 4500 Series Surface Vertical Rod exit device

Finishes:	US3, US4, US10, US10B, US26, US26D, US32D
Packaging:	One (1) head cover and four (4) each M4 x 6mm MS



4936
24" Extension Rod Kit

For use with 4500 Series Surface Vertical Rod exit device

Finishes:	US3, US4, US10, US10B, US26, US26D, 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 rod on non-threaded end



4937
36" Extension Rod Kit

For use with 4500 Series Surface Vertical Rod exit device

Finishes:	US3, US4, US10, US10B, US26, US26D, 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 rod on non-threaded end



2-649-0166
Fire Bolt Kit

For use with fire rated 4500 Series Surface Vertical Rod less bottom rod device

Faceplate:	1-25/32" x 1" (45 mm x 25 mm)
Bolt Diameter:	7/16" (11 mm)
Bolt Length:	1-1/2" (38 mm)
Materials:	Stainless steel
Packaging:	One (1) each fire bolt, plastic plug, head cover plug, and appropriate fasteners
Notes:	Required with a fire rated pair of LBR devices to ensure rating



2-649-0154
Windstorm Reinforcement Kit

Finishes:	N/A
Notes:	Must use with 4500 Series Rim device to ensure ANSI A250.13 Severe Windstorm rating

4600 Series

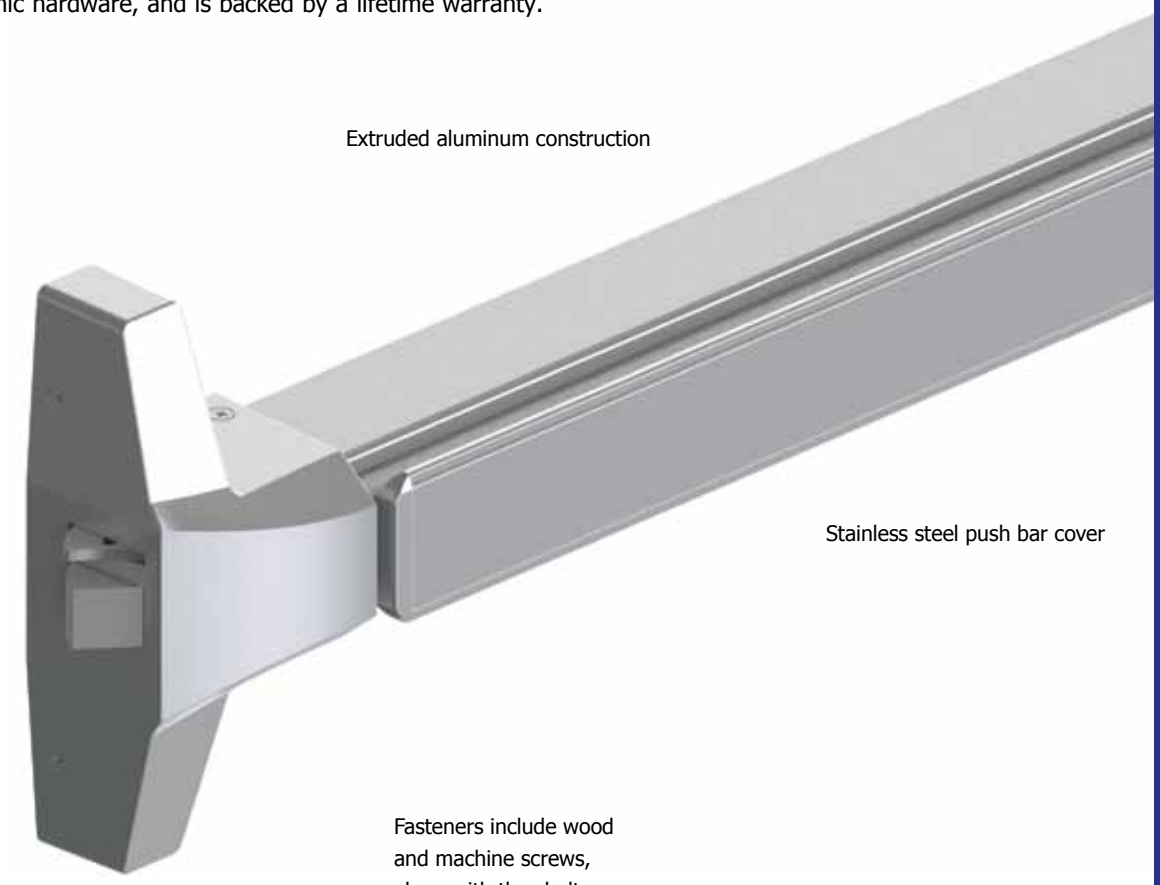




Hager 4600 Series Grade 1 Rim device is designed and engineered for superior performance on narrow stile doors in heavy duty commercial applications. The 4600 Series design compliments aluminum and glass construction and provides excellent durability for a range of applications. The 4600 Series is BHMA certified, UL Listed for up to three hour rated fire doors, meets UL specifications for panic hardware, and is backed by a lifetime warranty.

Extruded aluminum construction

Compatible with stiles as narrow as 2" (51 mm)



Stainless steel push bar 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 4600 Series Grade 1 exit device meets Life Safety codes and Fire Safety requirements providing a perfect fit for use in commercial office buildings, medical and educational facilities, as well as hospitality structures.

The 4600 Series Rim device is BHMA-Certified to the requirements of ANSI 156.3 for Grade 1 exit devices and is UL 305 Panic Listed and UL and cUL Listed for up to 3 hour rated fire doors.

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.
- Non-handed device offers added versatility and means less inventory.
- 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.

Cylinder Dogging

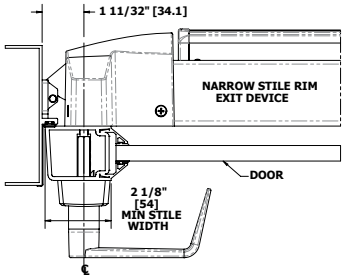
Cylinder dogging is available to replace the standard hex key dogging on panic exit devices. Specify CD on order or purchase 4926 for retrofit applications. Unit requires 1-1/8" (29 mm) mortise cylinder (part number 3902) with standard cam.

Sizing

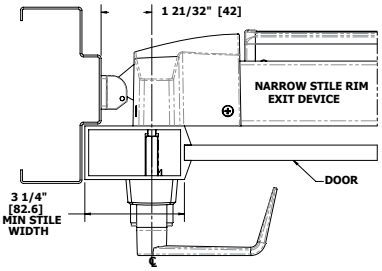
The exit device is cut for 36" (914 mm) and 48" (1219 mm) wide doors. For other door widths, cut exit device to appropriate length. Recommended overall length of exit device is equal to the door width minus four inches.

Applications

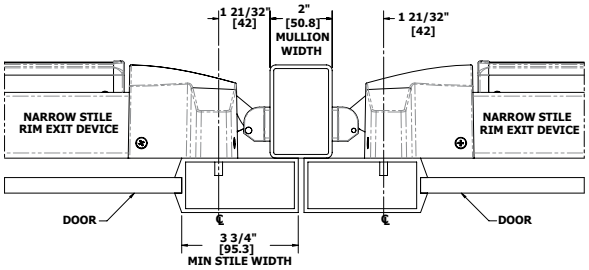
Single Door Panic Exit Hardware - Blade Stop Strike (4950) and Frame



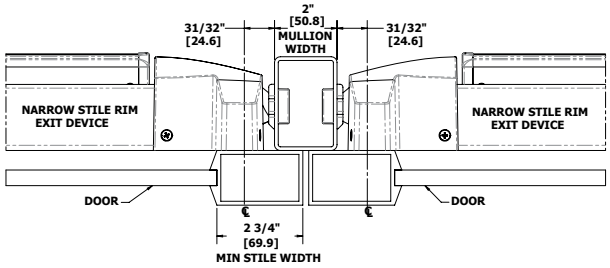
Single or Double Door with Panic Exit Hardware - Standard Strike (4920) and Frame



Single or Double Door with Panic Exit Hardware - Standard Strike (4920) and Mullion



Single or Double Door with Panic Exit Hardware - Semi-Flush Mount Strike (4952) and Mullion



Trim Functions	Part Number	Function Description	ANSI Number
Blank Escutcheon	46BE	Always operable (Passage)	14
Cylinder Escutcheon	46CE	Key locks or unlocks lever	08
Dummy	46DT	Pull when device is dogged down	02
Night Latch	46NL	Key retracts latchbolt	03



HOW TO ORDER

4601 **RIM** **F** **36″** **US3** **1-3/4″** **ELR**

Product Group
4600 Series, Grade 1

Type
RIM - Rim Device

Rating
FR - Fire Rated
0 - Non-Fire Rated

Size
36″
48″

Finish
US3
US4
US10
US10B
US26
US26D
US32D

Door Thickness
1-3/4″
2″
2-1/2″
3″

Electric Modifications
ALK - Alarm Kit
ALT - Alarm Kit w/ Tamper Switch
ALM - Alarm Kit w/ Latch Monitor
ALL - Alarm Kit w/ Tamper Switch and Latch Monitor
ELR - Electric Latch Retraction
ELRX - Electric Latch Retraction with Request to Exit
RX - Request to Exit
ED - Electric Dogging
EDRX - Electric Dogging with Request to Exit

HOW TO ORDER - TRIM (MUST BE ORDERED SEPARATELY)

46 **CE** **ARC** **US3** **1-3/4″** **TW**

Product Group
46 - 4600 Series, Grade 1

Trim/Function
CE - Cylinder Escutcheon
Function 08, key locks/unlocks lever
BE - Blank Escutcheon
Function 14, always operable
NL - Night Latch
Function 03, key retracts latchbolt
DT - Dummy Trim
Function 02, pull when dogged down

Lever Style
ARC - Archer
AUG - August
WTN - Withnell

Finish
US3
US4
US10
US10B
US26
US26D
US32D*

Door Thickness
1-3/4″
2″
2-1/2″
3″

Options
TW - Tactile Warning

Notes:
1. Mortise cylinder 3902 with 3976 L cam is required for use with cylinder escutcheon and is sold separately.
2. Rim cylinder with long tailpiece 3901 is required for use with night latch trim and is sold separately.
3. For more cylinder information, please refer to general information in the Locks section of the catalog.
4. If using shim kit, specify total door thickness including shims.

*US32D available for device only. Not available in standard escutcheon trims (46BE, 46CE, 46DT, 46NL).

EXIT DEVICES



4600 Series

Grade 1
Narrow Stile Rim Device
Ideal for heavy duty commercial applications

- **Lifetime warranty**
- **Thru-bolts supplied standard**

Applications:	Heavy duty commercial
Certifications:	• BHMA Certified ANSI A156.3 • UL/cUL Listed for up to 3 hours for "A" label doors • UL10C/UBC 7-2 (1997) Positive Pressure Rated • UL10B Neutral Pressure Rated • UL305 Listed for panic hardware • Hex dogging feature standard on non-fire labeled doors
Trim:	Archer, August, or Withnell Lever with escutcheon
Covers:	Stainless steel, zinc
Chassis:	Aluminum
End Caps:	Zinc
Door Width:	• 36" (914 mm) field sizeable to 30" (762 mm) door • 48" (1219 mm) field sizeable to 36" (914 mm) door
Door Thickness:	1-3/4" (44 mm) - Standard
Projection:	• 3" (76 mm) in undogged position • 2-5/8" (67 mm) in dogged position
Stile Width:	• 2-1/8" (54 mm) - Minimum stile width required for 1/2" (13 mm) blade stop frame and 4950 blade stop strike • 3-1/4" (83 mm) - Minimum stile width required for single door, 5/8" (16 mm) stop and 4920 standard strike • 3-3/4" (95 mm) - Minimum stile width required for double door x mullion x 4920 strike • 2-3/4" (70 mm) - Minimum stile width required for double doors with 2" (51 mm) mullion and 4952 semi-flush mount strike • All stile widths are measured from door edge
Fasteners:	• Wood and machine screws • Thru-bolts
Latchbolt:	3/4" (18 mm) throw, pullman type with automatic dead-latching, stainless steel
Strikes:	• Blade stop (4950) - Standard with panic device • Fire rated strike (4920F) - Standard with fire rated device • Standard strike (4920) - Optional • Single rabbit strike (4951) - Optional • Semi-flush mount strike (4952) - Optional
Finishes:	US3, US4, US10, US10B, US26, US26D, US32D
Notes:	• Cylinder dogging available on non-fire rated devices, specify CD • 3902 1-1/8" (29 mm) mortise cylinder with 3976 L cam sold separately • Recommended to be used on appropriately reinforced doors



4600 Series - Electric Exit Devices

Rim Devices and Trim
Heavy duty commercial

- **Lifetime warranty on exit body only**
- **One-year warranty on electric components**
- **Thru-bolts supplied standard**

Certifications:
- BHMA Certified ANSI A156.3 Grade 1
- UL/cUL Listed for up to three hours for "A" label doors
- UL10C/UBC 7-2 (1997) Positive Pressure Rated
- UL10B Neutral Pressure Rated
- UL305 Listed for panic hardware

Minimum Door Width: 36" (914 mm) for electric latch retraction and electric dogging
Door Thickness: 1-3/4" (45 mm) standard

Function	Function Number	Function Description
Electric Latch Retraction	ELR*	Provides a remote means of locking or unlocking exit devices.
Electric Latch Retraction with Request to Exit	ELRX*	Provides a remote means of locking or unlocking exit devices along with a switch for tying into an alarm system, magnetic locks, or a console.
Electric Dogging	ED*	Provides continuous latch retraction and dogging simultaneously.
Electric Dogging with Request to Exit	EDRX*	Provides continuous latch retraction and dogging simultaneously along with a switch for tying into an alarm system, magnetic locks, or a console.
Request to Exit	RX*	Used to shunt an alarm, activate an alarm, provide release of magnetic locks, or signal a control console.
Alarm Kit	ALK*	Battery operated alarm to discourage unauthorized use of an opening while maintaining a means of egress.

* Not available with mechanical dogging.

Note: Latch monitor and tamper switch available with ALK.

Product	Description
2901	For use with 4600 Series electric latch retraction
2902	For use with 4600 Series electric latch retraction in a day/night mode of operation
2903	Provides power for Fail Safe or Fail Secure locking devices and interference with building alarm controls, card reader, keypads, and other door controls
2904	Provides power and control for openings with an electrified locking device and automatic door operator

Note: Must use Hager 2901 or 2902 to power electric latch retraction.

4600 SERIES ESCUTCHEON TRIM



46BE
Blank Escutcheon

Function:	14 - Always operable (passage)
Levers:	Archer, August, Withnell
Projection:	2-5/8" (67 mm) for Archer; 2-21/32" (67 mm) for August; 2-15/32" (63 mm) for Withnell
Escutcheon:	1-11/16" x 7-7/8" (43 mm x 200 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D



46CE
Cylinder Escutcheon

Function:	08 - Key locks or unlocks lever
Levers:	Archer, August, Withnell (clutching lever)
Projection:	2-5/8" (67 mm) for Archer; 2-21/32" (67 mm) for August; 2-15/32" (63 mm) for Withnell
Escutcheon:	1-11/16" x 7-7/8" (43 mm x 200 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D
Cylinder:	Mortise cylinder, 3902 with 3976 L cam, sold separately



46DT
Dummy Trim

Function:	02 - Pull when device is dogged down
Levers:	Archer, August, Withnell
Projection:	2-5/8" (67 mm) for Archer; 2-21/32" (67 mm) for August; 2-15/32" (63 mm) for Withnell
Escutcheon:	1-11/16" x 7-7/8" (43 mm x 200 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D



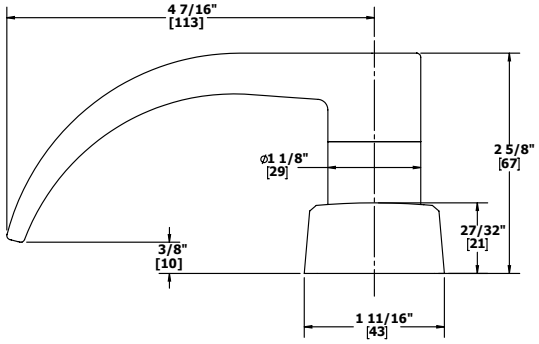
46NL
Night Latch

Function:	03 - Key retracts latchbolt
Levers:	Archer, August, Withnell (rigid lever)
Projection:	2-5/8" (67 mm) for Archer; 2-21/32" (67 mm) for August; 2-15/32" (63 mm) for Withnell
Escutcheon:	1-11/16" x 7-7/8" (43 mm x 200 mm)
Finishes:	US3, US4, US10, US10B, US26, US26D
Cylinder:	Rim cylinder, 3901, with long tailpiece sold separately

4600 SERIES ESCUTCHEON TRIM - LEVER OPTIONS

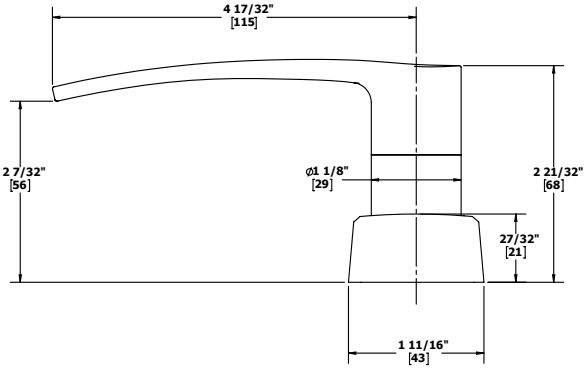
ARCHER LEVER





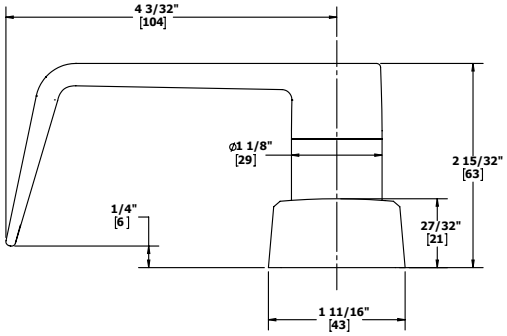
AUGUST LEVER





WITHNELL LEVER





EXIT DEVICES

4600 SERIES STRIKES



4920
Strike
Optional strike to be used with 4600 Series Rim exit device
Finishes: US32D
Notes: For standard surface mounted applications



4920F
Fire Rated Strike
Included standard with 4600 Series Fire Rated Rim exit device
Finishes: US32D
Notes: For standard surface mounted applications



4950
Blade Stop Strike
Included standard with 4600 Series Rim exit device
Finishes: US32D



4951
Single Rabbit Strike
Optional strike to be used with 4600 Series Rim exit device
Finishes: US32D



4952
Semi-Flush Mount Strike
Optional strike to be used with 4600 Series Rim exit device
Finishes: US32D

4600 SERIES ACCESSORIES



4925
Cylinder Dogging Conversion Kit
Finishes: US3, US4, US10, US10B, US26, US26D, US32D
Packaging: One (1) each dogging plate, cylinder collar, cash box nut
Notes:
- Mortise cylinder, 3902, sold separately
- Specify 36" (914 mm) or 48" (1219 mm)



4960R
Shim Kit
To be used with 4600 Series Rim exit device where a glass bead kit would interfere with exit device
Finishes: US3, US4, US10, US10B, US26, US26D, US32D
Packaging: Two (2) each 1/8" (3 mm) shims and appropriate fasteners



4965
Head Cover
For use with 4600 Series Rim exit device
Finishes: US3, US4, US10, US10B, US26, US26D, US32D
Packaging: One (1) head cover and four (4) each M4 x 6mm MS

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

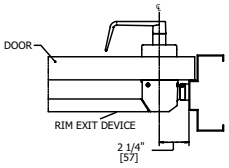
Shim kits are available for devices on doors with glass bead kits or other interfacing moldings. Each kit contains two 1/8" (3.2 mm) shims and the appropriate longer fasteners.

Sizing

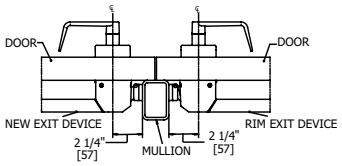
The exit device is cut for 36" (914 mm) and 48" (1219 mm) wide doors. For other door widths, cut exit device to appropriate length. Recommended overall length of exit device is equal to the door width minus four inches. The surface vertical rod devices are supplied for an 84" (2134 mm) opening standard, 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

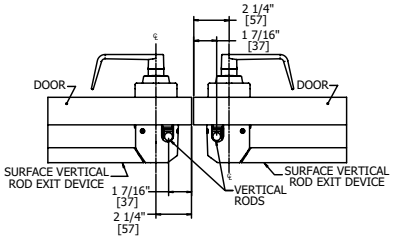
Single Door



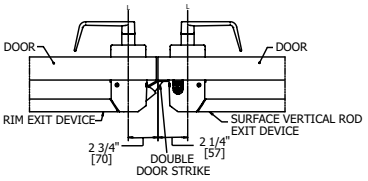
Double Door with Mullion



Double Door (2 SVR Devices)



Double Door (SVR x Rim)



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



HOW TO ORDER

4701 RIM F 36″ US3 1-3/4″

4701 – Product Group
4700 Series, Standard Duty

RIM – Type
RIM - Rim Device
SVR - Surface Vertical Rod

F – Rating
FR - Fire Rated
0 - Non-Fire Rated
WR - Windstorm Rated (Rim device only)
FR - Fire and Windstorm Rated (Rim device only)

36″ – Size
36″
48″
36″ x 84″
36″ x 96″
48″ x 84″
48″ x 96″

US3 – Finish
US3
US32D
ALM
DBZ

1-3/4″ – Door Thickness
1-3/4″ (Standard)
2″
2-1/4″

HOW TO ORDER - TRIM (MUST BE ORDERED SEPARATELY)

47 CE RH ARC US3 1-3/4″ TW

47 – Product Group
47 - 4700 Series, Standard Duty

CE – Trim/Function
CE - Cylinder Escutcheon
BE - Blank Escutcheon
NL - Night Latch
DT - Dummy Trim
KD - Key in Lever - Dummy Trim
KE - Key in Lever - Entrance
KN - Key in Lever - Night Latch
KP - Key in Lever - Passage
PD - Pull Plate Dummy Trim
PN - Pull Plate Night Latch
RD - Raised Lip Pull - Dummy Trim
RN - Raised Lip Pull - Night Latch

RH – Handing
RH - Right Handed / LHR
LH - Left Handed / RHR

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

US3 – Finish
US3
US32D
ALM
DBZ

1-3/4″ – Door Thickness
1-3/4″ (Standard)
2″
2-1/4″

TW – Options
TW - Tactile Warning

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.



4700 Series

Standard Duty
Rim Device
Ideal for light commercial and standard duty applications

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

Applications:	• Light commercial • Standard duty commercial
Certifications:	• UL305 Listed for panic hardware • UL/cUL Listed for up to 3 hours for "A" label fire doors • UL10C/UBC 7-2 (1997) Positive Pressure Rated • UL10B Neutral Pressure Rated • ANSI A250.13 Severe Windstorm Resistant Component (Rim device only) • Complies with ANSI 117.1 for accessible buildings and facilities • Hex dogging feature standard on non-fire rated panic doors
Trim:	• Archer, August, or Withnell lever with escutcheon • Archer, August, Withnell lever with key-in-lever trim • Raised lip pull • Pull plate trim • Rim cylinder x optional pull
Covers:	Casted brass, bronze, stainless steel, zinc
Chassis:	Painted steel, plated steel, stainless steel
End Caps:	Painted steel, plated steel, stainless steel
Door Width:	• 36" (914 mm) field sizeable to 30" (762 mm) door • 48" (1219 mm) field sizeable to 36" (914 mm) door
Door Thickness:	1-3/4" (44 mm) - Standard
Projection:	• 2-7/16" (62 mm) in undogged position • 1-3/16" (30 mm) in dogged position
Stile Width:	• 4-1/2" (114 mm) - Minimum stile width required for single door and 5/8" (16 mm) stop • 4-1/2" (114 mm) - Minimum stile width required for double door x surface vertical rod device with double door strike • 5" (127 mm) - Minimum stile width required for double doors with 2" (51 mm) mullion • All stile widths are measured from door edge
Fasteners:	• Wood and machine screws • Thru-bolts
Latchbolt:	3/4" (19 mm) throw, pullman type with automatic dead-latching, stainless steel
Strikes:	• Stainless steel with roller - Included standard with panic and fire rated devices • Surface applied to frame with slotted holes for easy adjustment • Optional double door strike for use with surface vertical rod and rim devices
Finishes:	US3, ALM, DBZ, US32D
Notes:	• Cylinders sold separately • Recommended to be used on appropriately reinforced doors



4700 Series

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

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

Applications:	• Light commercial • Standard duty commercial
Certifications:	• UL305 Listed for panic hardware • UL/cUL Listed for up to 1/2" hours for "A" label fire doors • UL10C/UBC 7-2 (1997) Positive Pressure Rated • UL10B Neutral Pressure Rated • Complies with ANSI 117.1 for accessible buildings and facilities • Hex dogging feature standard on non-fire rated panic doors
Trim:	• Archer, August, or Withnell lever with escutcheon • Archer, August, Withnell lever in key-in-lever trim • Raised lip pull • Pull plate trim • Rim cylinder x optional pull
Covers:	Casted brass, bronze, stainless steel, zinc
Chassis:	Painted steel, plated steel, stainless steel
End Caps:	Painted steel, plated steel, stainless steel
Door Width:	• 36" (914 mm) field sizeable to 30" (762 mm) door • 48" (1219 mm) field sizeable to 36" (914 mm) door
Door Height:	• 7' (2134 mm) - Standard • 8' (2438 mm) - Optional • 10' (3048 mm) - Optional (with use of extension rods) - Panic only
Door Thickness:	1-3/4" (44 mm) - Standard
Projection:	• 2-7/16" (62 mm) in undogged position • 1-3/16" (30 mm) in dogged position
Stile Width:	• 4-1/2" (114 mm) - Minimum stile width required for single door and 5/8" (16 mm) stop • 4" (102 mm) - Minimum stile width required for double doors • 4-1/2" (114 mm) - Minimum stile width required for double door x Rim device with double door strike • All stile widths are measured from door edge
Fasteners:	• Wood and machine screws • Thru-bolts
Latchbolt:	• Top - 3/8" (9 mm) throw, with automatic dead-latching, stainless steel • Bottom - 3/8" (9 mm) throw, held retracted during door swing, stainless steel
Rod Length:	• Rods for 7' (2134 mm) door - Standard • Rods for 8' (2438 mm) door - Optional • Door height of 6' 8" (2032 mm) requires 31-1/4" (794 mm) top rod length • Door height of 7' (2134 mm) requires 35-1/4" (895 mm) top rod length • Door height of 8' (2438 mm) requires 47-1/4" (1200 mm) top rod length • Extension rods available, 2' (610 mm) or 3' (914 mm) for doors over 7' (2134 mm).
Strikes:	• Stainless steel with plated roller - Included Standard • Surface applied to frame with slotted holes for easy adjustment • Optional double door strike for use with surface vertical rod and rim devices • Optional threshold strike for use with saddle threshold
Finishes:	US3, ALM, DBZ, US32D
Notes:	• Recommended to be used on appropriately reinforced doors

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



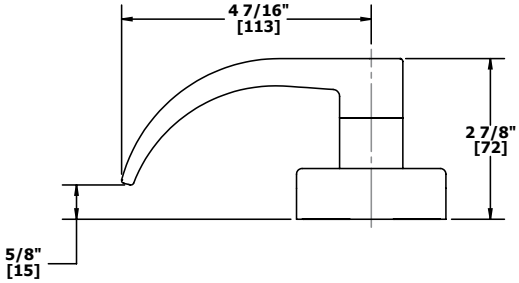
47NL
Night Latch

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

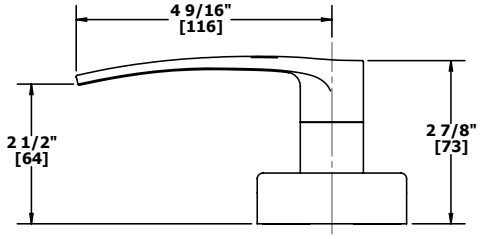
ARCHER LEVER





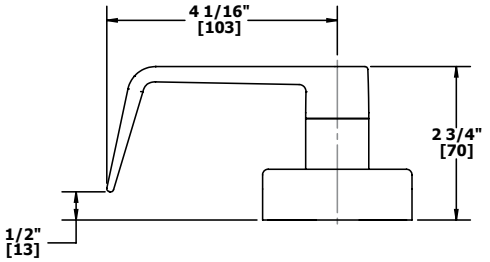
AUGUST LEVER





WITHNELL LEVER





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" (81 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 lever; key locks or unlocks lever
Projection:	3-1/16" (78 mm) for Archer; 3-1/8" (81 mm) for August; 3-1/16" (78 mm) for Withnell
Rose Diameter:	3-3/8" (86 mm)
Finishes:	ALM, DBZ, US3, US32D
Cylinder:	• Standard core, C keyway - Standard • Small Format Interchangeable Core housing available, 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
Projection:	3-1/16" (78 mm) for Archer; 3-1/8" (81 mm) for August; 3-1/16" (78 mm) for Withnell
Rose Diameter:	3-3/8" (86 mm)
Finishes:	ALM, DBZ, US3, US32D
Cylinder:	• Standard core, C keyway - Standard • Small Format Interchangeable Core housing available, cylinder sold separately, 3981
Keys:	Two (2) brass keys per lock



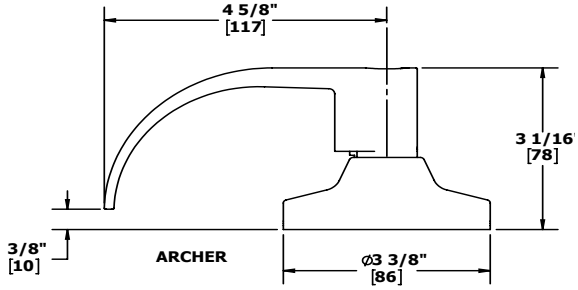
47KP
Key in Lever Passage

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" (81 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

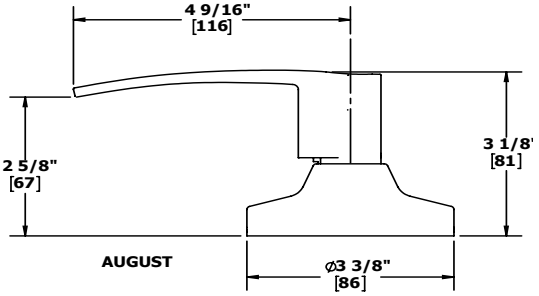
ARCHER LEVER





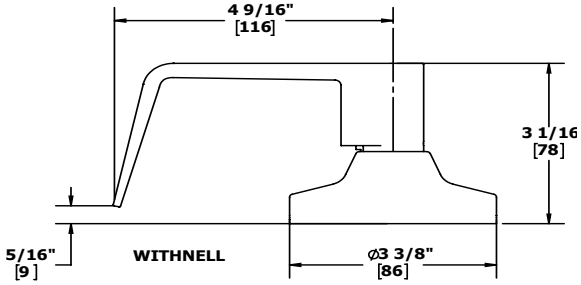
AUGUST LEVER





WITHNELL LEVER





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

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

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.

4900 Series





Hager 4900 Series offers both a keyed removable mullion and a non-keyed removable mullion. Both are designed for use on double door openings with rim devices--providing increased security and tighter closure, while providing easy adaptation for full width access. Our 4900 Series consists of a mullion, top and bottom brackets, and screw pack. It is UL listed for 3 hours on fire rated pairs of doors up to 8 feet by 8 feet.

1/2" (13 mm) and 5/8" (16 mm) shims supplied standard



Latching head allows mullion to be removed in seconds; mullion can be locked into place without use of key

Utilizes standard rim cylinder

2" x 3", 11 gauge steel tube with primecoat

Keyed Removable Mullion

HOW TO ORDER

4900 **U** **F** **84″** **USP**

Product Group
4900 Series, Mullions

Type
T - Keyed Removable Mullion
U - Non-Keyed Removable Mullion

Fire Rating
F - Fire Rated
0 - Non-Fire Rated

Size
84″
96″
10′ (120″)

Finish
USP

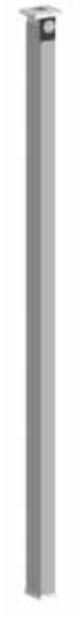
Notes:
1. Keyed removable mullion requires cylinder, 3901, sold separately.
2. Fire rated strike and hook kits sold separately (4912 for use with 4500 Series fire rated exit device and mullion or 4916 for use with 4700 Series fire rated exit device and mullion).
3. Stabilizer kit, 4953, sold separately.



4900KR
Keyed Removable Mullion

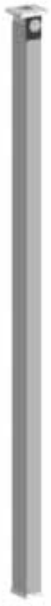
- **One-year warranty**
- **Key removable**
- **Shim kits supplied standard**

Applications:	For use with 4500 Series and 4700 Series Rim exit devices on non-fire and fire rated pairs of doors
Certifications:	UL/cUL/Warnock Hersey listed for fire rated pairs of doors up to 8′ (2438 mm) X 8′ (2438 mm)
Mullion:	2″ x 3″ (51 mm x 76 mm) – 11 gauge steel tube
Cylinders:	• Solid brass 6-pin rim cylinders, 3901, sold separately • Standard core, C keyway - Standard • Small Format Interchangeable Core sold separately
Top Fitting:	• Dead latch on fire rated device • Latching head allows the mullion to be removed in seconds • Mullion can be locked in place without the use of a key
Fasteners:	• Four (4) 8 - 32 x 3/4″ (19 mm) FPHMS • Four (4) 5/16″ - 18 x 5/8″ (16 mm) FPHMS • Two (2) 5/16″ - 18 x 1-1/2″ (38 mm) FPHMS • Two (2) 3/8″ Wedge anchors
Shims:	• 1/2″ (13 mm) and 5/8″ (16 mm) shims included (top) • 1/8″ (4 mm) shims included (bottom)
Strikes:	• Non-fire rated mullions use standard Rim strike supplied with exit device • Fire rated strike and hook kit, 4912 (4500 Series) or 4916 (4700 Series), must be purchased separately
Finishes:	USP – grey primer only



4900T
Non-Fire Rated Mullion Set

Certification:	Non-fire rated
Dimensions:	84″ (2134 mm), 96″ (2438 mm), 120″ (3048 mm)
Material:	11 gauge steel tube



4900TF
Fire-Rated Mullion Set

Certification:	UL fire rated
Dimensions:	84″ (2134 mm), 96″ (2438 mm)
Material:	11 gauge steel tube

EXIT DEVICES

4900KR CYLINDERS



3901
Rim Cylinder

Fixed cylinder standard and Small Format Interchangeable Core both sold separately. For more cylinder information, please refer to the lock section in this catalog.

4900KR ACCESSORIES





4902
Top/Bottom Bracket Set

Certification:	Non-fire rated
Function:	Keyed Removable
Materials:	Steel
Fasteners:	Two (2) each MS #5/16 -18 x 1-1/2" FHP stainless; four (4) each MS #8-32 x 3/4" 100 degree FHP; four (4) each MS #5/16-18 x 5/8" FHP stainless zinc plated
Cylinder:	Rim cylinder, 3901, sold separately





4902F
Fire-Rated Top/Bottom Bracket Set

Certification:	Fire rated
Function:	Keyed removable
Materials:	Steel
Fasteners:	Two (2) each MS #5/16 - 18 x 1-1/2" FHP stainless; four (4) each MS #10 x 1" Type A FHP undercut stainless; four (4) each MS 10 - 24 x 5/8" FHP undercut stainless; four (4) each MS #5/16 - 18 x 5/8" FHP stainless zinc plated
Cylinder:	Rim cylinder, 3901, sold separately



4907
Mullion Tube

Certification:	Fire-rated up to 96" (2438 mm)
Dimensions:	84" (2134 mm), 96" (2438 mm), 120" (3048 mm)
Finishes:	USP grey primer
Materials:	Steel



4912
Fire Rated Strike and Hook Kit for 4500 Series

Finishes:	US32D
Notes:	Must order for use with fire rated mullion and fire rated Rim devices to ensure fire rating



4916
Fire Rated Strike and Hook Kit for 4700 Series

Finishes:	US32D
Notes:	• Must order for use with fire rated mullion and fire rated Rim devices to ensure fire rating • For use with 4900NKR mullion only



4953
Mullion Stabilizer Kit

Finishes:	US32D
Notes:	For use with mullion and exit devices for added security



4900NKR

Non-Keyed Removable Mullion

- **One-year warranty**
- **Shim kits supplied standard**

Applications:	For use with 4500 Series and 4700 Series Rim exit devices on non-fire and fire rated pairs of doors
Certifications:	UL/cUL Listed for fire rated pairs of doors up to 8′ (2438 mm) X 8′ (2438 mm)
Mullion:	2″ (51 mm) x 3″ (76 mm) – 11 gauge steel tube
Fasteners:	• Four (4) each 5/16″ - 18 x 5/8″ FHPMS (top bracket) • Two (2) each 5/16″ - 18 x 1-1/2″ FHPMS (top bracket) • Four (4) each 5/16″ - 18 x 1-1/2″ FHMS (bottom bracket)* • Four (4) each 5/16″ - 18 masonry anchors (5/8″ diameter x 7/8″ long) (bottom bracket)** • Two (2) each 1/4″ - 20 x 1-1/4″ FHPMS (top fitting) • Two (2) each 1/4″ - 20 thru bolts (top fitting) • Two (2) #10 - 24 x 3/8″ FHPMS (top fitting) • One (1) 1/4 - 20 x 3/16″ set screw (top fitting) * Fire rated device - 5/16″ - 18 x 1-1/4″ FHMS ** Fire rated device - 5/16″ - 18 masonry anchors (1/2″ diameter x 1-1/2″ long)
Shims:	• Two (2) each 1/2″ (13 mm) and 5/8″ (16 mm) shims included (top) • Two (2) 1/16″ (1.6 mm) shims included (bottom)
Strikes:	• Non-fire rated mullions use standard Rim strike supplied with exit device • Fire rated strike and hook kit, 4912 (4500 Series), or 4916 (4700 Series), must be purchased separately
Finishes:	USP – grey primer only
Notes:	Mullion easily removed by loosening top and bottom screws



4900U

Non-Fire Rated Mullion Set

Certification:	Non-fire rated
Dimensions:	84″ (2134 mm), 96″ (2438 mm), 120″ (3048 mm)
Material:	11 gauge steel tube



4900UF

Fire-Rated Mullion Set

Certification:	UL fire rated*
Dimensions:	84″ (2134 mm), 96″ (2438 mm),
Material:	11 gauge stainless steel tube

4900NKR ACCESSORIES



4904
Top/Bottom Bracket Set

Certification: Non-fire rated
Function: Non-keyed removable
Materials: Steel



4904F
Fire-Rated Top/Bottom Bracket Set

Certification: Fire-rated
Function: Non-keyed removable
Materials: Steel



4905
Mullion Tube

Certification: Fire-rated
Dimensions:
- 84" (2134 mm)
- 96" (2438 mm)
- 120" (3048 mm)

Finishes: USP grey primer
Materials: Steel
Notes: 120" (3048 mm) not fire rated



4912
Fire Rated Strike and Hook Kit for 4500 Series

Finishes: US32D
Notes: Must order for use with fire rated mullion and fire rated Rim devices to ensure fire rating



4916
Fire Rated Strike and Hook Kit for 4700 Series

Finishes: US32D
Notes: Must order for use with fire rated mullion and fire rated Rim devices to ensure fire rating



4953
Mullion Stabilizer Kit

Finishes: US32D
Notes: For use with mullion and exit devices for added security