Most commonly, hinge failure begins when doors are opened past stop device limits. The resulting kickback shock to the hinges can surpass 1000 lbs. of force. Subsequent racking eventually loosens screws, distorts hinge leaves, pulls open knuckles, damages bearings or creates other serious damage to your standard butt hinge as well as the door frame your assembly hangs within.

While Continuous Hinges provide the answer by distributing shock forces evenly so wear and tear to the frame and door is reduced significantly, you would have to agree that the continuous hinge contributes benefits far beyond durability. Security is enhanced, preventing insertion of devices between the door and frame making it the perfect product in reducing vandalism. The continuous design also allows for easy alignment of electrical transfers and monitoring switches giving the installer a no-hassle guarantee when installing these products. While the continuous hinge plays the main roll in distributing shock, creating a secure opening, and giving the installer the ease of prepping hardware, it also aids in stopping air infiltration by creating a complete seal from top to bottom of the door at the hinge stile.
THE UNIQUE ADJUSTA-SCREW FASTENER
A proprietary fastener available on the Hinge Guard Models permits up to 3/8” width adjustment. Full door length adjustment means doors can be squared accurately and easily in new installations and existing frames can be used in retrofits. Maintenance staff can make future adjustments of the door, by repositioning the Adjusta-Screw Fasteners.

FIRE RATED CONTINUOUS HINGES
The stainless steel (300 Series) and cold rolled steel hinges (200 Series) are available with two labeling options: Underwriters Laboratories Inc. and Warnock Hersey Int’l.

In accordance with Uniform Building Code Standard 7-2 “Fire Test Door Assemblies” & Standard UL 10C for positive pressure.

MODIFICATIONS AND OPTIONS:
- Adjustable Monitoring Switch
- Hospital Tip Hinges
- Custom Hole Patterns Available
- Special Sheared Leaf
- Wide Throw Hinges
- Raised Barrel (Swage)
- Edge Guard Hardware Cut-Outs
- Special Length Hinges
- CTP- Current Transfer Preparation
- Electrolynx®
- ES- Exposed Monitoring Switch
- Lead Lined Cover (1/16” LEAD)
- Security Fasteners
D200 SERIES PIN & BARREL TYPE CONTINUOUS STEEL HINGES

Short Form Architectural Specification:
Continuous hinges shall be full height piano-type hinge providing full height door support.
- Supports weights up to 600 lbs. 4’0” maximum door width
- Material to be 14 gauge 1012 carbon steel
- .187” diameter stainless steel pin (rod)
- Each knuckle 2”, including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- Finish: Gray Powder Coat Primer Optional Finish: Scratch-Resistant Powder Coated Paint
- All hinges shall be furnished with manufacturer’s recommended hardware pack per specific model application
- Must use undercut head screws
- Must be able to carry Warnock Hersey Int. or UL fire rated doors and frames up to 3 hours
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 1
- Symmetrically templated hole pattern

This edge – mounted pin & barrel hinge is used on many traffic, high abuse interior doors. The hinge works well in locations that used anchor hinges, pivot reinforced hinges, or thrust pivot unit and hinge sets. This hinge saves on special door and frame preparation charges. It can be used on both fire labeled and non-labeled openings.

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
D201 FULL SURFACE 1/8" INSET HINGE

This surface – mounted pin & barrel continuous hinge can be used to repair and replace existing hinges on both fire-labeled and non-labeled doors that have very tight clearances. The hinge has a built-in 1/8" offset to assist in weather seal and sound barrier areas.

**Standard Features**

**Barrel Type Hinge**
- .187” diameter stainless steel pin (rod) Flanged nylon bearing Stainless steel end pins

**Material**
- Heavy-duty 14 gauge 1012 carbon steel

**Finishes**
- Gray Powder Coat Primer

**Standards**
- ANSI/BHMA Standard A156.26 Grade 1

**Mounting Hardware**
- No exposed mounting fasteners Universal screw pack provided

**Capacity**
- Supports weights up to 600lbs. 4'0” maximum door width

**Standard Sizes**
- 6'8", 7'0", 7'2", 8'0", 10'0"

**Handing**
- Not required for standard 7'0", 8'0" or 10'0”. Specify handing for 6'8” and 7'2" and for most optional features

**Fire Rating**
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite core wood fire doors
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label

**Optional Features**

**Finish**
- Scratch-Resistant Powder Coated Paint

**Other Features**
- Custom lengths - specify in inches
- Custom hole pattern
- Hospital tips
- Raised barrel
- Lead-lined cover with 1/16” lead lining

**Fasteners**
- 1-5/8” steel sleeve bolts Tamper-proof security screws – TORX

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
D202 FULL SURFACE FLUSH MOUNT HINGE

For flush doors. This surface-mounted pin & barrel continuous hinge can be used to repair and replace existing hinges on both fire-labeled and non-labeled doors that have very tight clearances.

**Standard Features**

**Barrel Type Hinge**
- .187” diameter stainless steel pin (rod)
- Flanged nylon bearing
- Stainless steel end pins

**Material**
- Heavy-duty 14 gauge 1012 carbon steel

**Finishes**
- Gray Powder Coat Primer

**Standards**
- ANSI/BHMA Standard A156.26 Grade 2

**Mounting Hardware**
- No exposed mounting fasteners
- Universal screw pack provided

**Capacity**
- Supports weights up to 600lbs. 4’0” maximum door width

**Standard Sizes**
- 6’8”, 7’0”, 7’2”, 8’0”, 10’0”

**Decorative Fastener Covers**
- Aluminum

**Handing**
- Not required for standard 7’0”, 8’0” or 10’0”. Specify handing for 6’8” and 7’2” and for most optional features

**Fire Rating**
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite core wood fire doors
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label

**Optional Features**

**Finish**
- Scratch-Resistant Powder Coated Paint

**Other Features**
- Custom lengths - specify in inches
- Custom hole pattern
- Hospital tips
- Raised barrel
- Lead-lined cover with 1/16” lead lining

**Fasteners**
- 1-5/8” steel sleeve bolts Tamper-proof security screws – TORX
**D203 HALF SURFACE**

This half-surface pin & barrel continuous hinge can be used to repair and replace existing hinges on both fire-labeled and non-labeled openings. The hinge fits into the gap left after standard butt hinges are removed. It can assist in reversing the handing of a door, or to reverse the swing of a door hung in an evenly-rabbetted frame.

*Please contact the factory for instructions for unevenly-rabbetted frames.*

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**Standard Features**

**Barrel Type Hinge**
- .187" diameter stainless steel pin (rod) Flanged nylon bearing
- Stainless steel end pins

**Material**
- Heavy-duty 14 gauge 1012 carbon steel
- Cover - extruded aluminum

**Finishes**
- Gray Powder Coat Primer
- Cover - Mill Finish

**Standards**
- ANSI/BHMA Standard A156.26 Grade 2

**Mounting Hardware**
- No exposed mounting fasteners
- Universal screw pack provided

**Capacity**
- Supports weights up to 600lbs. 4'0" maximum door width

**Standard Sizes**
- 6’8”, 7’0”, 7’2”, 8’0”, 10’0”

**Hole Pattern**
- Symmetrically templated

**Handing**
- Not required for standard 7’0”, 8’0” or 10’0”. Specify handing for 6’8” and 7’2” and for most optional features

**Fire Rating**
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite core wood fire doors
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label

**Optional Features**

**Finish**
- Scratch-Resistant Powder Coated Paint

**Other Features**
- Custom lengths - specify in inches
- Custom hole pattern
- Hospital tips - suffix “HT”
- Raised barrel - suffix “RB”
- Lead-lined cover with 1/16” lead lining - suffix “LL”

**Fasteners**
- 1-5/8” steel sleeve bolts Tamper-proof security screws

**Electrical Modifications**
- Current Transfer Prep (frame leaf only). Prepped for D4612 EPT Series.
D300 SERIES PIN & BARREL TYPE CONTINUOUS STAINLESS STEEL HINGES

Continuous hinges shall be full height piano-type hinge providing full height door support.

- Supports weights up to 600 lbs. 4’ 0” maximum door width
- Material to be 14 gauge stainless steel
- .187” diameter stainless steel pin (rod)
- Exterior barrel diameter .438” (7/16”)
- Each knuckle 2”, including nylon bearing at each separation for a quiet, smooth, self-lubricating operation
- All hinges shall be furnished with manufacturer’s recommended hardware pack per specific model application.
- Must be able to carry Warnock Hersey Int. or UL for fire rated doors and frames up to 3 hours
- Hinges shall meet ANSI/BHMA Standard A 156.26 Grade 1
- Symmetrically templated hole pattern

NOTE: 10-Year Warranty on all Continuous Pin & Barrel Hinges
25-Year with Medical Bearings

NOTE: Fire label for doors and frames should be placed on the header and top rail of fire rated doors and frames door hung in an evenly-rabbetted frame.
D300 EDGE MOUNT SECURITY HINGE

Standard Features

Barrel Type Hinge
- .187" diameter stainless steel pin (rod)
- Flanged nylon bearings

Material
- Heavy-duty 14 gauge stainless steel

Finishes
- US32D Satin Stainless Steel (630)

Standards
- ANSI/BHMA Standard A156.26 Grade 2

Mounting Hardware
- Fasteners concealed when door is closed
- Universal screw pack provided

Capacity
- Supports weights up to 600lbs. 4'0" maximum door width

Standard Sizes
- 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern
- Symmetrically templated

Handing
- Not required for standard 7'0", 8'0" or 10'0". Handing required for 6'8" and 7'2" and for most optional features listed

Fire Rating
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite core wood fire doors
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label

Optional Features

Finish
- Scratch-Resistant Powder Coated Paint

Fasteners
- Tamper-proof security screws

Other Features
- Custom lengths- specify in inches
- Custom hole pattern
- Hospital tips
- Raised barrel
- Special sheared leaf

Electrical Modifications
- Current Transfer Prep
- Adjustable monitoring switch
- Electrical Transfer Access Prep

ElectroLynx™ - Standard
- EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)
D300WT WIDE THROW EDGE MOUNT HINGES

This edge-mounted pin & barrel hinge is used on many of today's high traffic, high abuse doors. The hinge works well in locations that would normally call out for anchor hinges, pivot reinforcement hinges or thrust pivot unit and hinge sets. This hinge saves on special door and frame preparation charges and makes the installer’s job easier. It can be used on both fire labeled and non-labeled openings.

Standard Features
Barrel Type Hinge
- .187” diameter stainless steel pin (rod)
- Flanged nylon bearings

Material
- Heavy-duty 14 gauge stainless steel

Finishes
- US32D Satin Stainless Steel (630)

Standards
- ANSI/BHMA Standard A156.26 Grade 2

Mounting Hardware
- Fasteners concealed when door is closed
- Universal screw pack provided

Capacity
- Supports weights up to 600lbs. 4’0” maximum door width

Standard Sizes
- 6’8”, 7’0”, 7’2”, 8’0”, 10’0”

Hole Pattern
- Symmetrically templated

Handing
- Not required for standard 7’0”, 8’0” or 10’0”.
- Handing required for 6’8” and 7’2” and for most optional features listed

Fire Rating
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite core wood fire doors
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label

Optional Features
Finish
- Scratch-Resistant Powder Coated Paint

Fasteners
- Tamper-proof security screws

Other Features
- Custom lengths- specify in inches
- Custom hole pattern
- Hospital tips - suffix "HT"
- Special sheared leaf

Electrical Modifications
- Current Transfer Prep - suffix “CTP”
- Adjustable monitoring switch - suffix “AMS”
- Electrical Transfer Access Prep - suffix “ETAP”
D301 FULL SURFACE 1/8" INSET

This surface-mounted pin & barrel continuous hinge can be used to repair or replace existing hinges on both fire labeled and non-labeled doors that have very tight clearances. The hinge has a built-in 1/8” offset to assist in weather seal and sound barrier areas.

## Standard Features

### Barrel Type Hinge
- .187” diameter stainless steel pin (rod)
- Flanged nylon bearings
- Stainless steel end pins

### Material
- Heavy-duty 14 gauge stainless steel
- Cover - extruded aluminum

### Finishes
- US32D Satin Stainless Steel (630)
- Cover - Brushed Aluminum

### Standards
- ANSI/BHMA Standard A156.26 Grade 1

### Mounting Hardware
- Fasteners concealed underneath aluminum cover
- Universal screw pack provided

### Capacity
- Supports weights up to 600lbs.
- 4’0” maximum door width

### Standard Sizes
- 6’8”, 7’0”, 7’2”, 8’0”, 10’0”

### Handing
- Not required for standard 7’0”, 8’0” or 10’0”. Handing required for 6’8” and 7’2” and for most optional features listed

### Fire Rating
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite core wood fire doors
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label

## Optional Features

### Finish
- Scratch-Resistant Powder Coated Paint
- US32 Bright Stainless Steel (629)

### Other Features
- Custom lengths- specify in inches
- Custom hole pattern
- Dutch door hinges
- Hospital tips
- Lead lined covers with 1⁄16” lead lining - suffix “LL”

### Fasteners
- 1-5/8” steel sleeve bolts
- Tamper-proof security screws
D302 FULL SURFACE FLUSH MOUNT

This surface-mounted pin & barrel continuous hinge can be used to replace and repair existing hinges on both fire labeled and non-labeled doors. Designed for retrofit market.

**Standard Features**

**Barrel Type Hinge**
- .187” diameter stainless steel pin (rod)
- Flanged nylon bearings
- Stainless steel end pins

**Material**
- Heavy-duty 14 gauge stainless steel
- Cover - extruded aluminum

**Finishes**
- US32D Satin Stainless Steel (630)
- Cover - Brushed Aluminum

**Standards**
- ANSI/BHMA Standard A156.26 Grade 1

**Mounting Hardware**
- Fasteners concealed underneath aluminum cover
- Universal screw pack provided

**Capacity**
- Supports weights up to 600lbs.
- 4’0” maximum door width

**Standard Sizes**
- 6’8”, 7’0”, 7’2”, 8’0”, 10’0”

**Hole Pattern**
- Symmetrically templated

**Handing**
- Not required for standard 7’0”, 8’0” or 10’0”
- Handing required for 6’8” and 7’2” and for most optional features listed

**Fire Rating**
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite core wood fire doors
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label

**Optional Features**

**Finish**
- Scratch-Resistant Powder Coated Paint
- US32 Bright Stainless Steel (629)

**Other Features**
- Custom lengths - specify in inches
- Custom hole pattern
- Hospital tips
- Lead lined covers with 1/16” lead lining

**Fasteners**
- 1-5/8” steel sleeve bolts
- Tamper-proof security screws
D303 HALF SURFACE HINGE

This half-surface pin & barrel continuous hinge can be used to repair or replace existing hinges on both fire labeled openings. The hinge fits into the gap left after standard butt hinges are removed. It can assist in reversing the handing of a door, or to reverse the swing of a door hung in an evenly-rabbetted frame. (Please consult factory for instructions for unevenly-rabbetted frames.)

Standard Features

Barrel Type Hinge
- .187" diameter stainless steel pin (rod)
- Flanged nylon bearings
- Stainless steel end pins

Material
- Heavy-duty 14 gauge stainless steel

Finishes
- US32D Satin Stainless Steel (630)
- Cover - Brushed Aluminum

Standards
- ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware
- Fasteners concealed when door is closed
- Universal screw pack provided

Capacity
- Supports weights up to 600lbs.
- 4’0” maximum door width

Standard Sizes
- 6’8”, 7’0”, 7’2”, 8’0”, 10’0”

Hole Pattern
- Symmetrically templated
- Non-handed

Handing
- Not required for standard 7’0”, 8’0” or 10’0”.
- Handing required for 6’8” and 7’0” and for most optional features listed

Fire Rating
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite core wood fire doors
- 20 minutes - wood doors
RITE Door
HINGES

- UL Classified in accordance with UL10C for positive pressure
- Fire-rated label

Optional Features

Finish
- Scratch-Resistant Powder Coated Paint
- US32 Bright Stainless Steel (629)

Other Features
- Custom lengths - specify in inches
- Custom hole pattern
- Hospital tips
- Raised barrel
- Special sheared leaf
- Lead lined cover with 1/16" lead lining
  - suffix "LL"

Fasteners
- 1-5/8" steel sleeve bolts
- Tamper-proof security screws

Electrical Modifications
- Current Transfer Prep (frame leaf only)
D304 HALF MORTISE HINGE

This pin & barrel type hinge is used on wooden doors to hide splits, chips and dents from traffic abuse. The surface mounted frame leaf allows for easy retrofit installation.

**Standard Features**

- **Barrel Type Hinge**
  - .187” diameter stainless steel pin (rod)
  - Flanged nylon bearings
  - Stainless steel end pins

- **Material**
  - Heavy-duty 14 gauge stainless steel
  - Cover - extruded aluminum

- **Finishes**
  - US32D Satin Stainless Steel (630)
  - Cover - Brushed Aluminum

- **Standards**
  - ANSI/BHMA Standard A156.26 Grade 1

- **Mounting Hardware**
  - Fasteners concealed when door is closed
  - Universal screw pack provided

- **Capacity**
  - Supports weights up to 600lbs.
  - 4'0” maximum door width

- **Standard Sizes**
  - 6'8", 7'0", 7'2", 8'0", 10'0”

- **Hole Pattern**
  - Symmetrically templated

- **Handing**
  - Not required for standard 7’0”, 8’0” or 10’0”. Handing required for 6’8” and 7’0” and for most optional features listed

- **Fire Rating**
  - 3 hours - hollow metal doors
  - 90 minutes - hollow metal and composite
  - 20 minutes - wood doors
  - Classified in accordance with UL10C for positive pressure

- **Fire-rated label**

**Optional Features**

- **Finish**
  - Scratch-Resistant Powder Coated Paint

- **Other Features**
  - Custom lengths - specify in inches
  - Custom hole pattern
  - Hospital tips
  - Raised barrel
  - Special sheared leaf

- **Fasteners**
  - Tamper-proof security screws

- **Electrical Modifications**
  - Current Transfer Prep (door leaf only)

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FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
D305 HINGE GUARD

The integral hinge guard protects the door from dings and gouges from carts and gurneys while providing clean lines and aesthetic appearance. Our HG products also have fire ratings up to and including 3 hours. Not only that, but the wrap-around edge guard protects the door from unsightly dents and gouges and will deflect objects, preventing further damage.

Standard Features

Barrel Type Hinge
- .187" diameter stainless steel pin (rod)
- Flanged nylon bearings
- Stainless steel end pins

Material
- Heavy-duty 14 gauge stainless steel

Finishes
- US32D Satin Stainless Steel (630)

Standards
- ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware
- Fasteners concealed when door is closed
- Universal screw pack provided

Capacity
- Supports weights up to 600lbs.
- 4'0" maximum door width

Standard Sizes
- 6'8", 7'0", 7'2", 8'0", 10'0"

Hole Pattern
- Symmetrically templated

Handing
- Not required for standard 7'0", 8'0" or 10'0". Handing required for 6'8" and 7'2" and for most optional features listed

Fire Rating
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label

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For information call 800.872.3267 or visit ritedoor.com
**Optional Features**

**Finish**
- US32 Bright Stainless Steel (629)
- Scratch-Resistant Powder Coated Paint

**Other Features**
- Custom lengths - specify in inches
- Custom hole pattern
- Hospital tips
- Raised barrel
- Special sheared leaf

**Electrical Modifications**
- Adjustable monitoring switch
- Current Transfer Prep
- Electrical Transfer Access Prep

**Fasteners**
- Adjust-A-Screw™ for correcting frame fit problems up to 3/8”

**ElectroLynx™ - Standard**
- EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)
D309 FULL SURFACE SWING CLEAR HINGE

This hinge is used to ensure that a door opened to a 90-degree angle is removed from the opening. This hinge will mount on a 1-3/4" face, and is especially useful for ADA upgrade work.

**Standard Features**

**Barrel Type Hinge**
- .187" diameter stainless steel pin (rod)
- Flanged nylon bearings
- Stainless steel end pins

**Material**
- Heavy-duty 14 gauge stainless steel
- Cover - extruded aluminum

**Finishes**
- US32D Satin Stainless Steel (630)

**Standards**
- ANSI/BHMA Standard A156.26 Grade 1

**Mounting Hardware**
- Fasteners concealed when door is closed
- Universal screw pack provided

**Capacity**
- Supports weights up to 600lbs.
- 4'0" maximum door width

**Standard Sizes**
- 6'8", 7'0", 7'2", 8'0", 10'0'

**Hole Pattern**
- Symmetrically templated

**Handing**
- Not required for standard 7'0", 8'0" or 10'0".
- Handing required for 6'8" and 7'2" and for most optional features listed

**Fire Rating**
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label

**Optional Features**

**Finish**
- US32 Bright Stainless Steel (629)
- Scratch-Resistant Powder Coated Paint

**Other Features**
- Custom lengths - specify in inches
- Custom hole pattern
- 1-3/4" aluminum sleeve bolts
- Hospital tips
- Lead lined cover with 1/16" lead lining
D310 SWING CLEAR HINGE GUARD

The ADA-compliant hinge is used on operating room doors to swing the door out of the opening when moving equipment in and out. The hinge guard also protects the door in the open position.

Standard Features

- **Barrel Type Hinge**
  - .187” diameter stainless steel pin (rod)
  - Flanged nylon bearings
  - Stainless steel end pins
- **Material**
  - Heavy-duty 14 gauge stainless steel
- **Finishes**
  - US32D Satin Stainless Steel (630)
- **Standards**
  - ANSI/BHMA Standard A156.26 Grade 1
- **Mounting Hardware**
  - Fasteners concealed when door is closed
  - Universal screw pack provided
- **Capacity**
  - Supports weights up to 600lbs.
  - 4’0” maximum door width
- **Standard Sizes**
  - 6’8”, 7’0”, 7’2”, 8’0”, 10’0”
- **Hole Pattern**
  - Symmetrically templated
- **Handing**
  - Not required for standard 7’0”, 8’0” or 10’0”.
  - Specify handing required for 6’8” and 7’2” and for most optional features
- **Fire Rating**
  - 3 hours - hollow metal doors mounted singly
  - 90 minutes - hollow metal and composite core wood fire doors
  - 20 minutes - wood doors
  - Classified in accordance with UL10C for positive pressure
  - Fire-rated label

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
Optional Features

Finish
• US32 Bright Stainless Steel (629)
• Scratch-Resistant Powder Coated Paint

Other Features
• Custom lengths - specify in inches
• Custom hole pattern
• Hospital tips
• Raised barre
• Special sheared leaf

Fasteners
• Tamper-proof security screws
• Adjust-A-Screws™ for correcting frame fit problems up to 3/8”

Tools
• MTSP-100 Right angle skewdriver for ease of installation

Electrical Modifications
• Current Transfer Prep (door leaf only)

Electrolynx™ - Standard
• EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)
D315 EDGE MOUNT HINGE GUARD

Featuring our unique edge guard, this economical hinge prevents objects from being placed between the door and frame as well as protects the door’s edge while supporting the door’s weight along the entire length of the jamb.

Standard Features
- Barrel Type Hinge
  - .187” diameter stainless steel pin (rod)
  - Flanged nylon bearings
  - Stainless steel end pins
- Material
  - Heavy-duty 14 gauge stainless steel
- Finishes
  - US32D Satin Stainless Steel (630)
- Standards
  - ANSI/BHMA Standard A156.26 Grade 1
- Mounting Hardware
  - Fasteners concealed when door is closed
  - Universal screw pack provided
- Capacity
  - Supports weights up to 600lbs.
  - 4’0” maximum door width
- Standard Sizes
  - 6’8”, 7’0”, 7’2”, 8’0”, 10’0”
- Hole Pattern
  - Symmetrically templated
- Handing
  - Not required for standard 7’0”, 8’0” or 10’0”. Specify handing for 6’8” and 7’2” and for most optional features
- Fire Rating
  - 3 hours - hollow metal doors
  - 90 minutes - hollow metal and composite core wood fire doors
  - 20 minutes - wood doors
  - Classified in accordance with UL10C for positive pressure
  - Fire-rated label

Door Closed
Door Open 180°
Optional Features

Finish
- US32 Bright Stainless Steel (629)
- Scratch-Resistant Powder Coated Paint

Other Features
- Custom lengths - specify in inches
- Custom hole pattern
- Hospital tips
- Raised barrel
- Special sheared leaf

Fasteners
- Tamper-proof security screws

Electrical Modifications
- Current Transfer Prep (door leaf only)
- Adjustable Monitoring Switch
- Electrical Transfer Access Prep

Electrollynx™ - Standard
- EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)
D322 EDGE MOUNT HINGE GUARD

Occasionally the need arises for an extended door wrap. Markar meets this need with the HG322. All the features of the HG305 Hinge/Guard plus 2” extensions.

Standard Features
- Barrel Type Hinge
  - .187” diameter stainless steel pin (rod)
  - Flanged nylon bearings
  - Stainless steel end pins
- Material
  - Heavy-duty 14 gauge stainless steel
- Finishes
  - US32D Satin Stainless Steel (630)
- Standards
  - ANSI/BHMA Standard A156.26 Grade 1
- Mounting Hardware
  - Fasteners concealed when door is closed
  - Universal screw pack provided
- Capacity
  - Supports weights up to 600lbs.
  - 4’0” maximum door width
- Standard Sizes
  - 6’8”, 7’0”, 7’2”, 8’0”, 10’0”
- Hole Pattern
  - Symmetrically templated
- Handing
  - Not required for standard 7’0”, 8’0” or 10’0”.
  - Specify handing for 6’8” and 7’2” and for most optional features
- Fire Rating
  - 3 hours - hollow metal doors
  - 90 minutes - hollow metal and composite core wood fire doors
  - 20 minutes - wood doors
  - Classified in accordance with UL10C for positive pressure
  - Fire-rated label
Optional Features

Finish
• US32 Bright Stainless Steel (629)
• Scratch-Resistant Powder Coated Paint

Other Features
• Custom lengths - specify in inches
• Custom hole pattern
• Hospital tips
• Raised barrel
• Special sheared leaf

Fasteners
• Tamper-proof security screws
• Adjust-A-Screws™ for correcting frame fit problems up to 3/8”

Electrical Modifications
• Adjustable Monitoring Switch
• Current Transfer Prep
• Electrical Transfer Access Prep

ElectroLynx™ - Standard
• EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)
D326 SWING CLEAR HINGE GUARD

The incorporated edge guard protects the door from unsightly dents and gouges while also protecting the hinge from vandalism.

Standard Features

- **Barrel Type Hinge**
  - .187" diameter stainless steel pin (rod)
  - Flanged nylon bearings
  - Stainless steel end pins

- **Material**
  - Heavy-duty 14 gauge stainless steel

- **Finishes**
  - US32D Satin Stainless Steel (630)

- **Standards**
  - ANSI/BHMA Standard A156.26 Grade 1

- **Mounting Hardware**
  - Fasteners concealed when door is closed
  - Universal screw pack provided

- **Capacity**
  - Supports weights up to 600lbs.
  - 4'0" maximum door width

- **Standard Sizes**
  - 6'8", 7'0", 7'2", 8'0", 10'0"

- **Hole Pattern**
  - Symmetrically templated

- **Handing**
  - Not required for standard 7'0", 8'0" or 10'0".
  - Specify handing for 6'8" and 7'2" and for most optional features

- **Fire Rating**
  - 3 hours - hollow metal doors
  - 90 minutes - hollow metal and composite core wood fire doors
  - 20 minutes - wood doors
  - Classified in accordance with UL10C for positive pressure
  - Fire-rated label
Optional Features

Finish
- US32 Bright Stainless Steel (629)
- Scratch-Resistant Powder Coated Paint

Other Features
- Custom lengths - specify in inches
- Custom hole pattern
- Hospital tips
- Raised barrel
- Special sheared leaf

Fasteners
- Tamper-proof security screws
- Adjust-A-Screws™ for correcting frame fit problems up to 3/8”

Tools
- MTSP-100 Right angle skewdriver for ease of installation

Electrical Modifications
- Current Transfer Prep
D329 SWING CLEAR HINGE GUARD
FOR SQUARE EDGE DOOR

The incorporated edge guard protects the door from unsightly dents and gouges while also protecting the hinge from vandalism.

Standard Features

Barrel Type Hinge
- .187" diameter stainless steel pin (rod)
- Flanged nylon bearings
- Stainless steel end pins

Material
- Heavy-duty 14 gauge stainless steel

Finishes
- US32D Satin Stainless Steel (630)

Standards
- ANSI/BHMA Standard A156.26 Grade 1

Mounting Hardware
- No exposed mounting fasteners when closed
- Universal screw pack provided

Capacity
- Supports weights up to 600lbs.
- 4'0" maximum door width

Standard Sizes
- 6'8", 7'0", 7'2", 8'0", 10'0'

Hole Pattern
- Symmetrically templated
- Specify handing

Fire Rating
- 3 hours - hollow metal doors
- 90 minutes - hollow metal and composite core wood fire doors
- 20 minutes - wood doors
- Classified in accordance with UL10C for positive pressure
- Fire-rated label
Optional Features

Finish
- US32 Bright Stainless Steel (629)
- Scratch-Resistant Powder Coated Paint

Other Features
- Custom lengths - specify in inches
- Custom hole pattern
- Hospital tips
- Raised barrel
- Special sheared leaf

Fasteners
- Tamper-proof security screws
- Dutch door hinges

Electrical Modifications
- Current Transfer Prep
- Adjustable monitoring switch
<table>
<thead>
<tr>
<th>HARDWARE MODEL</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY (DOOR TYPE &amp; MAXIMUM RATING)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>WOOD</td>
</tr>
<tr>
<td>D200</td>
<td>Pin and Barrel Type Continuous Steel Hinge</td>
<td>90</td>
</tr>
<tr>
<td>D201</td>
<td>Full Surface 1/8' Inset Hinge</td>
<td>90</td>
</tr>
<tr>
<td>D202</td>
<td>Full Surface Flush Mount Hinge</td>
<td>90</td>
</tr>
<tr>
<td>D203</td>
<td>Half Surface Hinge</td>
<td>90</td>
</tr>
<tr>
<td>D300</td>
<td>Pin and Barrel Type Continuous Stainless Steel Hinge</td>
<td>90</td>
</tr>
<tr>
<td>D300W</td>
<td>Wide Throw Edge Mount Hinge - Stainless Steel Hinge Series</td>
<td>90</td>
</tr>
<tr>
<td>D300W1, D300W2, D300W3, D300W4, D300W5</td>
<td>D301</td>
<td>Full Surface 1/8' Inset</td>
</tr>
<tr>
<td>D302</td>
<td>Full Surface Flush Mount Hinge</td>
<td>90</td>
</tr>
<tr>
<td>D303</td>
<td>Half Surface Hinge</td>
<td>90</td>
</tr>
<tr>
<td>D304</td>
<td>Half Mortise Hinge</td>
<td>90</td>
</tr>
<tr>
<td>D305</td>
<td>Heavy Duty Stainless Steel Continuous Hinge with Hinge Guard</td>
<td>90</td>
</tr>
<tr>
<td>D305A</td>
<td>Heavy Duty Stainless Steel Continuous Hinge with Hinge Guard &amp; Adjust Screws</td>
<td>90</td>
</tr>
<tr>
<td>D309</td>
<td>Full Surface Swing Clear Hinge</td>
<td>90</td>
</tr>
<tr>
<td>D310</td>
<td>Heavy Duty Stainless Steel Swing Clear Continuous Hinge with Hinge Guard</td>
<td>90</td>
</tr>
<tr>
<td>D310A</td>
<td>Heavy Duty Stainless Steel Swing Clear Continuous Hinge with Hinge Guard &amp; Adjust Screws</td>
<td>90</td>
</tr>
<tr>
<td>D311</td>
<td>Heavy Duty Stainless Steel Swing Clear Continuous Hinge with Hinge Guard</td>
<td>90</td>
</tr>
<tr>
<td>D315</td>
<td>Edge Mounted Continuous Hinge with Hinge Guard</td>
<td>90</td>
</tr>
<tr>
<td>D322</td>
<td>Edge Mounted Continuous Hinge with Hinge Guard</td>
<td>90</td>
</tr>
<tr>
<td>D326A</td>
<td>Swing Clear Continuous Hinge with Hinge Guard and Adjusta Screws (Stnd)</td>
<td>90</td>
</tr>
<tr>
<td>D329</td>
<td>Swing Clear Continuous Hinge with Hinge Guard for Square Edge Door</td>
<td>90</td>
</tr>
<tr>
<td>MISC</td>
<td>For Miscellaneous Continuous Hinges - Not listed above.</td>
<td></td>
</tr>
<tr>
<td>453</td>
<td>4 1/2' x 4 1/2' x Standard Weight Hinge (QTY 3 Hinges) (PREP ONLY)</td>
<td>90</td>
</tr>
<tr>
<td>H453</td>
<td>4 1/2' x 4 1/2' x Heavy Weight Hinge (QTY 3 Hinges) (PREP ONLY)</td>
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</tr>
<tr>
<td>454</td>
<td>4 1/2' x 4 1/2' x Standard Weight Hinge (QTY 4 Hinges) (PREP ONLY)</td>
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<tr>
<td>H454</td>
<td>4 1/2' x 4 1/2' x Heavy Weight Hinge (QTY 4 Hinges) (PREP ONLY)</td>
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<tr>
<td>503</td>
<td>5' x 4 1/2' x Standard Weight Hinge (QTY 3 Hinges) (PREP ONLY)</td>
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</tr>
<tr>
<td>H503</td>
<td>5' x 4 1/2' x Heavy Weight Hinge (QTY 3 Hinges) (PREP ONLY)</td>
<td>90</td>
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</table>
# How to Order

## Hinges

<table>
<thead>
<tr>
<th>Length</th>
<th>Description</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>79.1875” Standard Hinge Length</td>
<td>Continuous Hinges Only</td>
</tr>
<tr>
<td>2</td>
<td>83.1250” Standard Hinge Length</td>
<td>Continuous Hinges Only</td>
</tr>
<tr>
<td>3</td>
<td>85.0000” Standard Hinge Length</td>
<td>Continuous Hinges Only</td>
</tr>
<tr>
<td>4</td>
<td>95.0000” Standard Hinge Length</td>
<td>Continuous Hinges Only</td>
</tr>
<tr>
<td>5</td>
<td>118.7500” Standard Hinge Length</td>
<td>Continuous Hinges Only</td>
</tr>
<tr>
<td>6</td>
<td>Custom Hinge Length</td>
<td>For Custom Hinge Length</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Finish</th>
<th>Description</th>
<th>Availability</th>
<th>Lead Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Standard Hinge Color</td>
<td>Continuous Hinges Only</td>
<td>8 Business Days</td>
</tr>
<tr>
<td>1</td>
<td>PC-1 Dark Bronze</td>
<td>Continuous Hinges Only</td>
<td>14 Business Days</td>
</tr>
<tr>
<td>2</td>
<td>PC-2 Eggshell White</td>
<td>Continuous Hinges Only</td>
<td>14 Business Days</td>
</tr>
<tr>
<td>3</td>
<td>PC-3 Semi-Gloss Black</td>
<td>Continuous Hinges Only</td>
<td>14 Business Days</td>
</tr>
<tr>
<td>4</td>
<td>PC-4 Aluminum</td>
<td>Continuous Hinges Only</td>
<td>14 Business Days</td>
</tr>
<tr>
<td>5</td>
<td>PC-5 Sun Gold</td>
<td>Continuous Hinges Only</td>
<td>14 Business Days</td>
</tr>
<tr>
<td>6</td>
<td>PC-6 Light Copper</td>
<td>100 &amp; 300</td>
<td>14 Business Days</td>
</tr>
<tr>
<td>7</td>
<td>PC-7 Polished Brass</td>
<td>US32 - Continuous Hinge</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Polished Stainless</td>
<td>Continuous Hinges Only</td>
<td>8 Weeks After Approval</td>
</tr>
<tr>
<td>9</td>
<td>Custom Powder Coat - Color Sample Needed</td>
<td>Continuous Hinges Only</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Handing</th>
<th>Description</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No Hand</td>
<td>Standard Continuous Hinge Length Only</td>
</tr>
<tr>
<td>1</td>
<td>RH - LHR (Right Hand or Left Hand Reverse Swing)</td>
<td>Continuous Hinges Only</td>
</tr>
<tr>
<td>2</td>
<td>LH - RHR (Left Hand or Right Hand Reverse Swing)</td>
<td>Continuous Hinges Only</td>
</tr>
</tbody>
</table>
## OTHER OPERATION HARDWARE

### RITE Door

### HOW TO ORDER

#### NON ELECTRICAL MODIFICATIONS

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 • None</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>1 • Raised Barrel</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>2 • WT10 Measures 2.91&quot; from Frame Stop to Hinge Edge when door is open at 90°</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
<tr>
<td>3 • WT20 Measures 3.19&quot; from Frame Stop to Hinge Edge when door is open at 90°</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
<tr>
<td>4 • WT30 Measures 3.49&quot; from Frame Stop to Hinge Edge when door is open at 90°</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
<tr>
<td>5 • WT40 Measures 3.84&quot; from Frame Stop to Hinge Edge when door is open at 90°</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
<tr>
<td>6 • WT50 Measures 4.20&quot; from Frame Stop to Hinge Edge when door is open at 90°</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
<tr>
<td>A • Raised Barrel with TORX Screws</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>B • WT10 Measures 2.91&quot; from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
<tr>
<td>C • WT20 Measures 3.19&quot; from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
<tr>
<td>D • WT30 Measures 3.49&quot; from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
<tr>
<td>E • WT40 Measures 3.84&quot; from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
<tr>
<td>F • WT50 Measures 4.20&quot; from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws</td>
<td>• Continuous Hinges Only D300 SERIES</td>
</tr>
</tbody>
</table>

#### HOSPITAL TIP

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 • No</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>1 • Yes</td>
<td>• Continuous Hinges Only</td>
</tr>
</tbody>
</table>

#### CURRENT TRANSFER PREP

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 • None – No current transfer prep</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>1 • D4612-1 – 105° Degree of Opening</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>2 • D4612-2 – 180° Degree of Opening</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>3 • D4612-1SC – Swing clear hinges</td>
<td>• Continuous Hinges Only</td>
</tr>
</tbody>
</table>
### Non Electrical Modifications

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
<td>• All Hinges (Continuous Hinge and Butt Hinges) - Butt Hinges are Prep Only, need to specify Manufacture, Model, Function and Placement of the Hinge on the door.</td>
</tr>
<tr>
<td>1</td>
<td>EL-4</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>EL-8</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>EL-12</td>
<td></td>
</tr>
</tbody>
</table>

### Electric Transfer Access Panel

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>1</td>
<td>Yes</td>
<td>• Continuous Hinges Only</td>
</tr>
</tbody>
</table>

### Auto Door Bottom

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No Prep</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>1</td>
<td>Yes - Prep Only</td>
<td>• Continuous Hinges Only</td>
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### Auto Door Bottom Model

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Availability</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>1</td>
<td>Standard ASSA ABLOY Auto Door Bottom - Specify (PREP ONLY)</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>2</td>
<td>Customer Defined Auto Door Bottom (PREP ONLY)</td>
<td>• Continuous Hinges Only</td>
</tr>
</tbody>
</table>

### Welded End Pin

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No</td>
<td>• Continuous Hinges Only</td>
</tr>
<tr>
<td>1</td>
<td>Yes</td>
<td>• Continuous Hinges Only</td>
</tr>
</tbody>
</table>
# How to Order

## Hinges

<table>
<thead>
<tr>
<th>SHIMS</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
<td>Continuous Hinges Only</td>
</tr>
<tr>
<td>1</td>
<td>CHS1</td>
<td>Continuous Hinges Only</td>
</tr>
<tr>
<td>2</td>
<td>CHS2</td>
<td>Continuous Hinges Only</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CUSTOM HINGE LENGTH (WHOLE #)</th>
<th>DESCRIPTION (IN INCHES)</th>
<th>CUSTOM HINGE LENGTH (FRACTIONAL #)</th>
<th>DESCRIPTION (IN INCHES)</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0.0000</td>
<td></td>
<td>Available for All Custom Length Continuous Hinges.</td>
</tr>
<tr>
<td>A</td>
<td>0.0625 (1/16)</td>
<td></td>
<td></td>
<td>Please specify the exact hinge length needed by selecting a whole # in inches and if there is a fractional size needed to complete the prefit size of the doors.</td>
</tr>
<tr>
<td>AJ</td>
<td>0.125 (1/8)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AK</td>
<td>0.1875 (3/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AL</td>
<td>0.25 (1/4)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td>0.3125 (5/16)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>AN</td>
<td>0.375 (3/8)</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>A</td>
<td>0.4375 (7/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>0.5 (1/2)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AO</td>
<td>0.5625 (9/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>0.625 (5/8)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP</td>
<td>0.6875 (11/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>0.75 (3/4)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>0.8125 (13/16)</td>
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<tr>
<td>F</td>
<td>0.875 (7/8)</td>
<td></td>
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<tr>
<td>G</td>
<td>0.9375 (15/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H</td>
<td>0.90 (15/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>0.91 (15/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J</td>
<td>0.92 (15/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K</td>
<td>0.93 (15/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>0.94 (15/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AQ</td>
<td>0.95 (15/16)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### CUSTOM HINGE LENGTH (WHOLE #) | DESCRIPTION (IN INCHES) | CUSTOM HINGE LENGTH (FRACTIONAL #) | DESCRIPTION (IN INCHES) | AVAILABILITY
--- | --- | --- | --- | ---
M | 96 | | | 
N | 97 | | | 
O | 98 | | | 
P | 99 | | | 
Q | 100 | | | 
R | 101 | | | 
S | 102 | | | 
T | 103 | | | 
U | 104 | | | 
V | 105 | | | 
W | 106 | | | 
X | 107 | | | 
Y | 108 | | | 
Z | 109 | | | 
AA | 110 | | | 
AB | 111 | | | 
AC | 112 | | | 
AD | 113 | | | 
AE | 114 | | | 
AF | 115 | | | 
AG | 116 | | | 
AH | 117 | | | 

**Example:** If your NET Door Height is 83 - 7/16” Then you will select “AO” from the whole # list and “G” from the Fractional # list.
### HOW TO ORDER

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LENGTH</th>
<th>FINISH</th>
<th>HAND</th>
<th>NON-ELECTRICAL MOD</th>
<th>HOSPITAL TIP</th>
<th>CURRENT TRANSFER</th>
<th>ELECTRICAL MODS</th>
<th>ELECTRIC TRANSFER ACCESS PANEL</th>
<th>AUTO DOOR BOTTOM ACCESS</th>
<th>AUTO DOOR BOTTOM</th>
<th>PANEL</th>
<th>WELDED END PIN</th>
<th>SHIMS</th>
<th>HINGE LENGTH - WHOLE</th>
<th>HINGE LENGTH - FRACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D300</td>
<td>-</td>
<td>6</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>G</td>
</tr>
</tbody>
</table>
The edges of doors are highly susceptible to damage in high traffic areas. Over time, these doors can start to accumulate damage that can cause the door to be less effective or less attractive in appearance.

The friction that is created on the door while it is opening and closing, could create damage to the door edge that is unrepairable. Once the door is damaged, security and safety become a factor. Ignoring this damage can cause material loss due to theft or vandalism. Let’s not forget to mention the possibility of lawsuits due to violation of people’s safety or privacy.

Our Edge Guards come in a variety of color so that you may match the existing hardware or match the color of your surrounding color scheme. If one of our standard colors does not meet your needs, we have the ability to color match a sample provided by the customer.

All of our Edge Guards are heavy duty 16 gauge stainless steel. Whether it is a Hospital, Hotel, School or Commercial Building, these edge guards can protect your doors while saving you time and money.
D308 EDGE GUARD

**Square Edge Doors**

Door Clearance

**Bevel Edge Door**

Door Clearance

This fire-labeled edge guard is used in conjunction with the HG305 Hinge/Guard for a balanced aesthetic look. It also provides protection for the leading edge of the door.

---

**Standard Features**

- **Material**
  - Heavy-duty 16 gauge stainless steel

- **Finishes**
  - US32D Satin Stainless Steel (630)

- **Mounting Hardware**
  - Fasteners concealed when door is closed
  - Included fasteners are:
    - 10 x 7/8" Philips F.H.U.C. self drilling #410SS screws
    - 10 x 11/4" F.H.U.C Sheet Metal Screws

- **Standard Sizes**
  - 6'8", 7'0", 7'2", 8'0", 10'0'

- **Door Edge**
  - Specify square or beveled edge when ordering (beveled edge standard)

- **Classified in accordance with UL10C for positive pressure**

- **Fire-rated label**

---

**Optional Features**

- **Finish**
  - US32 Bright Stainless Steel (629)
  - Scratch-Resistant Powder Coated Paint

- **Hardware Cutouts (requires handing information)**
  - Flush bolts
  - ASA strike
  - Deadlock strike and latch
  - 86 edge and ASA lock
  - Hospital latch
  - 161 cutout
  - Measurements should be given from Top of door to centerline of cutout.

---

**Other Features**

- Custom lengths — specify in inches
- Custom hole pattern for lead-lined doors
- Custom cutouts

---

**Fasteners**

- Tamper-proof security screw
- Adjust-A-Screw™ for correcting frame fit problems up to 3/8" – “TORX”
DC308 EDGE GUARD

This fire-labeled edge guard works with the HG315 Hinge/Guard. It provides protection to the leading edge of the door, while maintaining the door's aesthetic appearance in the closed position.

Standard Features

Material
- Heavy-duty 16 gauge stainless steel

Finishes
- US32D Satin Stainless Steel (630)

Mounting Hardware
- Fasteners concealed when door is closed
- Included fasteners are:
  - 10" x 7/8" Philips F.H.U.C. self drilling #410SS screws
  - 10” x 1-1/4” F.H.U.C Sheet Metal Screws

Standard Sizes
- 6’8”, 7’0”, 7’2”, 8’0”, 10’0”

Door Edge
- Specify square or beveled edge when ordering (beveled edge standard)

Classified in accordance with UL10C for positive pressure

Optional Features

Finish
- US32 Bright Stainless Steel (629)
- Scratch-Resistant Powder Coated Paint

Hardware Cutouts
- (requires handing information)
  - Flush bolts
  - ASA strike
  - Deadlock strike and latch
  - 86 edge and ASA lock
  - Hospital latch
  - 161 cutout
    - Measurements should be given from Top of door to centerline of cutout.

Other Features
- Custom lengths — specify in inches
- Custom hole pattern for lead-lined doors
- Custom cutouts

Fasteners
- Tamper-proof security screw
DT308 EDGE GUARD

Square Edge Doors

Bevel Edge Door

The integral overlapping astragal of the EGT308 provides additional security by protecting the latch protector. It is ideal for exterior pairs of doors or doors that require added protection from vandalism.

Adjust-A-Screw™

Standard Features

Material
- Heavy-duty 16 gauge stainless steel

Finish
- US32D Satin Stainless Steel (630)

Mounting Hardware
- Fasteners concealed when door is closed
- Included fasteners are:
  - 10 x 7/8" Philips F.H.U.C. self drilling #410SS screws
  - 10 x 1-1/4" F.H.U.C Sheet Metal Screws

Standard Sizes
- 6'8", 7'0", 7'2", 8'0", 10'0"

Door Edge
- Specify square or beveled edge when ordering (beveled edge standard)

UL Classified in accordance with UL10C for positive pressure

Optional Features

Finish
- US32 Bright Stainless Steel (629)
- Scratch-Resistant Powder Coated Paint

Hardware Cutouts (requires handing information)
- Flush bolts
- ASA strike
- Deadlock strike and latch
- 86 edge and ASA lock
- Hospital latch
- 161 cutout
  - Measurements should be given from Top of door to centerline of cutout.

Other Features
- Custom lengths — specify in inches
- Custom hole pattern for lead-lined doors
- Custom cutouts
- Lead lined astragal with 1/16" lead lining

Fasteners
- Tamper-proof security screw
- Adjust-A-Screw™ for correcting frame fit problems up to 3/8"
## OTHER OPERATION HARDWARE

### RITE Door

### HOW TO ORDER

#### EDGE GUARDS

<table>
<thead>
<tr>
<th>HARDWARE MODEL</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY (DOOR TYPE &amp; MAXIMUM RATING)</th>
<th>WOOD**</th>
<th>METAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>D308*</td>
<td>Standard Edge Guard with a 3/4&quot; return on both sides</td>
<td>• 90</td>
<td>• 180</td>
<td></td>
</tr>
<tr>
<td>DC308*</td>
<td>Standard Edge Guard with a 3/4&quot; return on wide side of the door</td>
<td>• 90</td>
<td>• 180</td>
<td></td>
</tr>
<tr>
<td>DT308</td>
<td>Standard Edge Guard with a 3/4&quot; return on both sides and a overlapping astragal</td>
<td>• 90</td>
<td>• 180</td>
<td></td>
</tr>
<tr>
<td></td>
<td>* If used in with conjuction with continuous hinges on the hinge edge of the door – refer to product pages for Continuous Hinge Availability</td>
<td>**</td>
<td></td>
<td>**Surface Applied Intumescent Seal Required on Edge Guards Placed on the Lock Edge of Wood Doors</td>
</tr>
<tr>
<td></td>
<td>* Place a “L” after edge mode code for lead lined cover</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>79.1875&quot; Standard Hinge Length</td>
<td>Standard Edge Guard Sizes</td>
</tr>
<tr>
<td>2</td>
<td>83.1250&quot; Standard Hinge Length</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>85.0000&quot; Standard Hinge Length</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>95.0000&quot; Standard Hinge Length</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>118.7500&quot; Standard Hinge Length</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Custom Hinge Length</td>
<td>For Custom Edge Guard Length</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DOOR THICKNESS</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1.75 (1 3/4&quot; Thick Door)</td>
<td>Primed or Stained</td>
</tr>
<tr>
<td>2</td>
<td>1.8125 (1 13/16&quot; Thick Door)</td>
<td>Painted Doors</td>
</tr>
<tr>
<td>3</td>
<td>1.8750 (1 7/8&quot; Thick Door)</td>
<td>HPL Doors</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HOLE PATTERN</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Standard</td>
<td>Always Standard Hole Pattern</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ADJUSTA SCREWS</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>No</td>
<td>All Edge Guards</td>
</tr>
<tr>
<td>1</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
### RITE Door

**HOW TO ORDER**

---

#### Edge Guards

<table>
<thead>
<tr>
<th>1ST PREP</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>• No Prep</td>
<td>• All Edge Guards</td>
</tr>
<tr>
<td>1</td>
<td>• 4.5 (4 1/2&quot;) Butt Hinge</td>
<td>• Edge Guard for Hinge Edge Only</td>
</tr>
<tr>
<td>2</td>
<td>• 5.0 (5&quot;) Butt Hinge</td>
<td>• Edge Guard for Hinge Edge Only</td>
</tr>
<tr>
<td>3</td>
<td>• Standard #86 Mortise Lock Edge Prep</td>
<td>• Edge Guard for Lock Edge Only</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2ND PREP</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>• No Prep</td>
<td>• All Edge Guards</td>
</tr>
<tr>
<td>4</td>
<td>• 9/16' Hole for Fire Pin</td>
<td>• Miscellaneous Lock Edge Prep Only</td>
</tr>
<tr>
<td>5</td>
<td>• 13/32&quot; Hole for Fire Pin</td>
<td>• Miscellaneous Lock Edge Prep Only</td>
</tr>
<tr>
<td>6</td>
<td>• Electric Power Transfer Prep - Location will need to be specified</td>
<td>• Miscellaneous Hinge Edge Prep Only</td>
</tr>
<tr>
<td>7</td>
<td>• Auto Door Bottom Prep - Mfg and Model # to be specified</td>
<td>• Miscellaneous Prep for Lock or Hinge Edge</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FLUSH BOLT</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>• None</td>
<td>• All Edge Guards</td>
</tr>
<tr>
<td>1</td>
<td>• Quantity of 1 - Automatic Flush Bolt Prep</td>
<td>• Lock Edge Prep Only</td>
</tr>
<tr>
<td>2</td>
<td>• Quantity of 2 - Automatic Flush Bolt Prep</td>
<td>• Lock Edge Prep Only</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RETURN</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>• 3/4&quot; Return - Standard</td>
<td>• All Edge Guards</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HANDING</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>• RH - LHR (Right Hand or Left Hand Reverse Swing)</td>
<td>• All Edge Guards Require a Handing Specified</td>
</tr>
<tr>
<td>2</td>
<td>• LH - RHR (Left Hand or Right Hand Reverse Swing)</td>
<td></td>
</tr>
</tbody>
</table>
### EDGE GUARDS

<table>
<thead>
<tr>
<th>FINISH</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
<th>LEAD TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>• Standard Hinge Color</td>
<td></td>
<td>8 Business Days</td>
</tr>
<tr>
<td>1</td>
<td>• PC-1 Dark Bronze</td>
<td></td>
<td>14 Business Days</td>
</tr>
<tr>
<td>2</td>
<td>• PC-2 Eggshell White</td>
<td></td>
<td>14 Business Days</td>
</tr>
<tr>
<td>3</td>
<td>• PC-3 Semi-Gloss Black</td>
<td></td>
<td>14 Business Days</td>
</tr>
<tr>
<td>4</td>
<td>• PC-4 Aluminum</td>
<td></td>
<td>14 Business Days</td>
</tr>
<tr>
<td>5</td>
<td>• PC-5 Sun Gold</td>
<td></td>
<td>14 Business Days</td>
</tr>
<tr>
<td>6</td>
<td>• PC-6 Light Copper</td>
<td></td>
<td>14 Business Days</td>
</tr>
<tr>
<td>7</td>
<td>• PC-7 Polished Brass</td>
<td></td>
<td>14 Business Days</td>
</tr>
<tr>
<td>8</td>
<td>• Polished Stainless</td>
<td></td>
<td>14 Business Days</td>
</tr>
<tr>
<td>9</td>
<td>• Custom Powder Coat - Color Sample Needed</td>
<td></td>
<td>8 Weeks After Approval</td>
</tr>
</tbody>
</table>
### Edge Guards

<table>
<thead>
<tr>
<th>Custom Hinge Length (Whole#)</th>
<th>Description (in Inches)</th>
<th>Custom Hinge Length (Fractional#)</th>
<th>Description (in Inches)</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0.0000</td>
<td>Available for All Custom Length Continuous Hinges.</td>
<td></td>
</tr>
<tr>
<td>AI</td>
<td>75</td>
<td>A 0.0625 (1/16)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AJ</td>
<td>76</td>
<td>B 0.125 (1/8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AK</td>
<td>77</td>
<td>C 0.1875 (3/16)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AL</td>
<td>78</td>
<td>D 0.25 (1/4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AM</td>
<td>79</td>
<td>E 0.3125 (5/16)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AN</td>
<td>80</td>
<td>F 0.375 (3/8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A</td>
<td>81</td>
<td>G 0.4375 (7/16)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>82</td>
<td>H 0.5 (1/2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AO</td>
<td>83</td>
<td>I 0.5625 (9/16)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>84</td>
<td>J 0.625 (5/8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AP</td>
<td>85</td>
<td>K 0.6875 (11/16)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>86</td>
<td>L 0.75 (3/4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>87</td>
<td>M 0.8125 (13/16)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F</td>
<td>88</td>
<td>N 0.875 (7/8)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G</td>
<td>89</td>
<td>O 0.9375 (15/16)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H</td>
<td>90</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>91</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J</td>
<td>92</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K</td>
<td>93</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L</td>
<td>94</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AQ</td>
<td>95</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Please specify the exact hinge length needed by selecting a whole # in inches and if there is a fractional size needed to complete the prefit size of the doors.
### Custom Hinge Length (Whole #) | Description (In Inches) | Custom Hinge Length (Fractional #) | Description (In Inches) | Availability
--- | --- | --- | --- | ---
M | 96 | | | 
N | 97 | | | 
O | 98 | | | 
P | 99 | | | 
Q | 100 | | | 
R | 101 | | | 
S | 102 | | | 
T | 103 | | | 
U | 104 | | | 
V | 105 | | | 
W | 106 | | | 
X | 107 | | | 
Y | 108 | | | 
Z | 109 | | | 
AA | 110 | | | 
AB | 111 | | | 
AC | 112 | | | 
AD | 113 | | | 
AE | 114 | | | 
AF | 115 | | | 
AG | 116 | | | 
AH | 117 | | | 

Example: If your NET Door Height is 83 - 7/16" Then you will select "AO" from the whole # list and "G" from the Fractional # list.
### HOW TO ORDER

<table>
<thead>
<tr>
<th>HOW TO ORDER</th>
<th>MODEL</th>
<th>LENGTH</th>
<th>DOOR THICKNESS</th>
<th>HOLE PATTERN</th>
<th>ADJUSTA SCREWS</th>
<th>1ST PREP</th>
<th>2ND PREP</th>
<th>FLUSHBOLT</th>
<th>RETURN</th>
<th>HANDING</th>
<th>FINISH</th>
<th>HINGE LENGTH - WHOLE</th>
<th>HINGE LENGTH - FRACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>D908</td>
<td>-</td>
<td>6</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>AO</td>
<td>G</td>
<td></td>
</tr>
</tbody>
</table>
Standard Features

- Seal begins compressing at 1/4". Compresses to seal up to a 1/16" gap.
- Available in black, clear, dark brown, gray, tan and white.
- SiliconSeal™ is extruded from high-temperature silicone; effective between -58°F and 450°F.
- Self-extinguishing and non-toxic. Unaffected by sunlight, ozone and ultraviolet rays.
- Impervious to fungus and mildew; will not deteriorate under normal exposure.
- Meets FAR 25.853 Airworthiness Standards for Compartment Interiors.
- Smoke tested in accordance with UBC 7-2 and UL 1784-01; meets the requirements of NFPA 105 “Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives”.

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
RITE Door

SEAL KITS

D-SS44-STK FRAME

Standard Features

- Designed for tighter frames.
- Demonstrates extremely low closing force.
- Seal begins compressing at 5/16". Compresses to seal up to a 1/16" gap.
- SiliconSeal™ is extruded from high-temperature silicone; effective between -58°F and 450°F.
- Self-extinguishing and non-toxic. Unaffected by sunlight, ozone and ultraviolet rays.
- Impervious to fungus and mildew; will not deteriorate under normal exposure.
- Meets FAR 25.853 Airworthiness Standards for Compartment Interiors.
- Smoke tested in accordance with UBC 7-2 and UL 1784-01; meets the requirements of NFPA 105 "Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives".
D-SS-STK & D-SS44-STK LOCK EDGE

The astragal/meeting stile seals can be installed on virtually any pair of doors where sound attenuation is required. These products seal the opening to prevent heat loss, slow the passage of smoke and act as a weatherization product.

- Excellent resistance to compression set, particularly at elevated temperatures and for extended periods of time.
- Stays flexible between -58°F and 450°F with very high resistance to flex fatigue. maintains a low closing force.
- Easy installation requires no mechanical fasteners, can be cut to size in the field.
- Storage and shelf life: All adhesive gaskets have a limited shelf life. This product must be used within 6 months of purchase and must be stored between 50°F and 100°F.
RITE Door

SEAL KITS

EDGE SEALING SYSTEM

BEVELED EDGE DOOR

3/16" Surface applied to frame rabbet

1/32" MIN. 1/8" MAX.

SQUARE EDGE DOOR

3/16" Surface applied to frame rabbet

1/32" MIN. 1/8" MAX.
ABOUT ADHESIVE GASKETING (AG)

- All adhesive gaskets have a limited shelf life. These products must be used within 6 months of purchase and must be stored between 50°F and 100°F.
- Thoroughly clean the frame with the enclosed cleansing towelette to remove grease, dust or cleanser build-up. Before installation, wait for frame surface to completely dry (evaporate). Some hospital environments have wax or anti-bacterial cleanser build-up. As an alternative or substitute cleanser, use isopropyl (rubbing) alcohol. **NOTE: Mineral spirits or other petroleum based cleaning products should NOT be used.**
- If frames are too cold (below 50ºF) or too hot (above 100ºF) adhesion may be impaired.
- Installation should take place after construction is completed, flooring is installed and final cleaning is completed.
- Paint on frame must be cured for at least 5-7 days. Paint cannot be wet under dry surface when gaskets are pressed on. Avoid quick-dry primers, which leave a powdery surface preventing sufficient adhesion. When applying to a wood frame, the surface must be non-porous and sealed. Follow standard industry guidelines on sealed wood frames and/or rough surface before applying. **NOTE: Anti-bacterial, anti-fungal or silicone additives in paint may inhibit adhesion.**
- **DO NOT** stretch material. Product can retract or shrink if stretched.
- Use very firm, perpendicular pressure when applying. Use wallpaper seam roller to reinforce adhesion after applying.
- **DO NOT** stretch material when using seam roller. Run roller with up and down motions.
- **Double check** adhesion after 2-3 hours before leaving job overnight.
- If gaskets separate from the frame, press again with firm pressure in place. If adhesive strip is exposed, airborne dust may impede adhesion. Replacement may be necessary.
- Application at header can be awkward due to overhead condition. Be sure to apply enough pressure.
- Adhesion takes delayed set. Immediate removal and resetting can be done if error occurs in initial placement. **DO NOT** reset after one hour. Full set is reached in 24 hours.

ABOUT ASTRAGALS AND MEETING STILES (AM)

Astragal and meeting stile seals are used to seal the gap between a pair of doors.

ABOUT SELF-ADHESIVE ASTRAGAL SEALS

- All adhesive gaskets have a limited shelf life. These products must be used within 6 months of purchase and must be stored between 50°F and 100°F.
- **Double check** adhesion after 2-3 hours before leaving job overnight.
- Adhesion takes delayed set. Immediate removal and resetting can be done if error occurs in initial placement. **DO NOT** reset after one hour. Full set is reached in 24 hours.

ABOUT ADHESIVE-BACKED FIRE/SMOKE GASKETING

Adhesive backed material installs easily to door frame.
- Care must be taken to maintain clearance requirements of NFPA 80.
### Seal Kits

#### How to Order

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-SS-STK</td>
<td>Bulb Seal, 1/4&quot;, 30ft x Double Fin, 10ft - SEAL KIT</td>
</tr>
<tr>
<td>D-SS44-STK</td>
<td>Single Fin &quot;V: Seal 30ft x Double Fin, 10ft - SEAL KIT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBZ</td>
<td>Dark Bronze * Standard Color</td>
<td>• D-SS-STK &amp; D-SS44-STK</td>
</tr>
<tr>
<td>CLR</td>
<td>Clear</td>
<td>• D-SS-STK &amp; D-SS44-STK</td>
</tr>
<tr>
<td>WHT</td>
<td>White</td>
<td>• D-SS-STK Only</td>
</tr>
</tbody>
</table>

_D-SS-STK - Dark Bronze Seal Kit Comes Standard With All Integrated Door Systems Unless Otherwise Specified_
SURFACE CLOSERS

Adams Rite provides Surface Applied and Pocket Closers for controlling the closing of The RITE Door.

This heavy duty, non-handed surface closer has adjustable spring power and backcheck positions adjustment. Two independent, non-critical adjustment valves control sweep and latch closing speeds. The backcheck positioning valve maintains an effective backcheck range on parallel arm applications.

MODELS
- D-DC-351 Closer - Surface or Pocket Style Type
- D-DCT-351 Track Arm - Pocket Style Type Only
- P9 Surface Closer
- PKT90* Pocket Closer
- PKT180 Pocket Closer

FINISHES
- 689 Sprayed Aluminum Enamel - Standard color supplied unless otherwise specified
- 605 Bright Brass - Clear Coat
- 606 Satin Brass - Clear Coat
- 611 Bright Bronze - Clear Coat
- 612 Satin Bronze - Clear Coat
- 613 Dark Oxidized Satin Bronze - Oil Rubbed
- 625 Bright Chrome Plated
- 626 Satin Chrome Plated
- EAB Sprayed Brass Enamel (BHMA 696)
- EB Sprayed Bronze Enamel (To Match 613)
REGULAR DUTY PARALLEL ARM

Parallel Arm Applications - The closer is mounted on the push side of the door. As the door opens, the closer swings with the door and gives full headroom in the door opening. Other advantages: the closer arm does not project into the room; the frame can be quite narrow and the door can be swung open much farther than in Top Jamb Applications.

HEAVY DUTY PARALLEL ARMS

For use in high traffic and abusive environments:
- Forged steel arm and cast iron foot bracket for strength and durability
- Oiled bronze bearings for superior wear resistance
- 2 piece rigid arms for ease of installation
- Friction and positive hold open arms available
- Use friction hold open arms for doors subject to moderate hold open use
- Dead stop and compression stop arms available
- Security non-hold open arms available

Non hold-open arms
- Two mounting positions for 120° and 180° maximum door openings

Stop arms
- 6 mounting positions with PS or CPS arms to allow stop from 85°–110°

REGULAR DUTY PARALLEL ARMS

Available Arms for institutional installations:
- Regular duty parallel arms
- Offset bracket arms for use with Auxiliary Holders & Stops
- Parallel flush frame arms
- Flush frame arms for use with Auxiliary Holders & Stops
- Flush frame, friction Hold Open Arms

Non Hold Open Arms
- Two mounting positions for 120° and 180° maximum door opening

Hold Open Arms
- Friction hold open arms available for doors subject to moderate hold open use
- 6 mounting positions to hold open from 85° – 110° with PSH or CPSH arms
- UL Listed fusible hold open arms available
**SURFACE CLOSERS**

**DOUBLE LEVER ARM APPLICATION**

**Pocket Door Applications** - The Door Closer body is mounted on the wall and installed so that it pushes the door closed. This application is typically used with fire doors that are held open. In this application when the door is open, the closer and arms are completely hidden from view.

**POCKET ARM APPLICATION**

- 180° Maximum Opening
- Non handed

*NOTE: 90° Maximum Opening, use OTP Track Type*

**ARM**

- Forged steel

**NON HANDED**

- Universal Body

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
**D-DCT-351PKT90**

**SURFACE CLOSERS**

**TRACK TYPE APPLICATION**

**Pocket Door Applications** - The Door Closers body is mounted on the wall and installed so that it pushes the door closed. This application is typically used with fire doors that are held open. In this application when the door is open, the closer and arms are completely hidden from view.

**Wall Depth**

- 2-5/8" MIN
- 4-1/8" MAX

**Door Height**

- 26-3/8"

**Top View**

**ARM**

- Forged steel
- Bearing roller

**NON HANDED**

- Universal Body
## RITE Door

### HOW TO ORDER

#### SURFACE CLOSERS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-DC-351</td>
<td>• Closer - Surface or Pocket Style Type</td>
<td>90, 180</td>
</tr>
<tr>
<td>D-DCT-351</td>
<td>• Track Arm - Pocket Style Type Only</td>
<td>90, 180</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MODEL</th>
<th>FUNCTION</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY (DEGREE OF OPENING MAX)</th>
</tr>
</thead>
<tbody>
<tr>
<td>P9</td>
<td></td>
<td>• Surface Closer</td>
<td>180°</td>
</tr>
<tr>
<td>PKT90*</td>
<td></td>
<td>• Pocket Closer</td>
<td>90°</td>
</tr>
<tr>
<td>PKT180</td>
<td></td>
<td>• Pocket Closer</td>
<td>180°</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>COLOR</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>689</td>
<td>• Sprayed Aluminum Enamel - Standard color supplied unless otherwise specified.</td>
</tr>
<tr>
<td>605</td>
<td>• Bright Brass - Clear Coat</td>
</tr>
<tr>
<td>606</td>
<td>• Satin Brass - Clear Coat</td>
</tr>
<tr>
<td>611</td>
<td>• Bright Bronze - Clear Coat</td>
</tr>
<tr>
<td>612</td>
<td>• Satin Bronze - Clear Coat</td>
</tr>
<tr>
<td>613</td>
<td>• Dark Oxidized Satin Bronze - Oil Rubbed</td>
</tr>
<tr>
<td>625</td>
<td>• Bright Chrome Plated</td>
</tr>
<tr>
<td>626</td>
<td>• Satin Chrome Plated</td>
</tr>
<tr>
<td>EAB</td>
<td>• Sprayed Brass Enamel (BHMA 696)</td>
</tr>
<tr>
<td>EB</td>
<td>• Sprayed Bronze Enamel (To Match 613)</td>
</tr>
</tbody>
</table>

### HOW TO ORDER

1. CLOSER
2. CLOSER DETAIL
3. MODEL
4. FUNCTION
5. COLOR
6. SHIP LOOSE

* Item will always ship as a loose part
## Fasteners

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Door</th>
<th>Low Profile</th>
<th>Pr</th>
<th>Clp/Cps</th>
<th>Uni</th>
<th>Slide Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDST</td>
<td>Self Drilling Self Tapping</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>N/A</td>
</tr>
<tr>
<td>MS</td>
<td>Machine Screw</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td></td>
</tr>
<tr>
<td>SN</td>
<td>Sleeve Nut/Sex Nut</td>
<td>N/A</td>
<td>N/A</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
</tr>
<tr>
<td>TORX®</td>
<td>Torx Drive Security Screw</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Frame</th>
<th>Low Profile</th>
<th>Pr</th>
<th>Clp/Cps</th>
<th>Uni</th>
<th>Slide Track</th>
</tr>
</thead>
<tbody>
<tr>
<td>SDST</td>
<td>Self Drilling Self Tapping</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td></td>
</tr>
<tr>
<td>MS</td>
<td>Machine Screw</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td></td>
</tr>
<tr>
<td>SMS</td>
<td>Sheet Metal Screws</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td></td>
</tr>
<tr>
<td>TORX</td>
<td>Torx Drive Security Screw</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td></td>
</tr>
</tbody>
</table>

S = standard; O = optional

**SN** are for use on unreinforced hollow metal doors or to prevent any hollow metal door from collapse/dimpling. They can also be used for thru bolting on wood doors. SN are supplied for 1-3/4” (44mm) thick doors unless specified for 2-1/4” (57mm) thick doors.

**SMS** — when specified, closer will be packed with sheet metal screws for the door AND sheet metal screws plus machine screws for the frame.

**TORX** screws with security pin are standard with 7570 Security Door Closers. Torx may be specified for all other series applications. Torx are only available with machine screw threads. Sheet metal screw threads are not available.
RITE Door offers waterborne acrylic, polyester powder coat and plated finishes. Custom finishes are available on special order. A sample and approval is required.

Waterborne acrylic and polyester powder coat will withstand 100 hours of salt spray (ANSI requires 25 hours).

- RITE Door closer bodies and plastic covers are available in waterborne acrylic finishes. Arms and metal covers are available in powder coat or plated finishes.
- When a plated finish is ordered, arm and cover will be plated unless "cover only" is specified.

* 600 is a special rust-inhibiting prime coat. Closers can be ordered prime coat only (specify closer x 600). An additional charge applies if finish coat is required over prime coat.

<table>
<thead>
<tr>
<th>ANSI/BHMA</th>
<th>US</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>600*</td>
<td>SRI</td>
<td>Prime Coat</td>
</tr>
<tr>
<td>605</td>
<td>US3</td>
<td>Bright Brass</td>
</tr>
<tr>
<td>606</td>
<td>US4</td>
<td>Satin Brass</td>
</tr>
<tr>
<td>611</td>
<td>US9</td>
<td>Bright Bronze</td>
</tr>
<tr>
<td>612</td>
<td>US10</td>
<td>Satin Bronze</td>
</tr>
<tr>
<td>613E</td>
<td>US10BE</td>
<td>Dark Oxidized Satin Bronze-Equivalent</td>
</tr>
<tr>
<td>625</td>
<td>US26</td>
<td>Bright Chrome</td>
</tr>
<tr>
<td>626</td>
<td>US26D</td>
<td>Satin Chrome</td>
</tr>
<tr>
<td>689</td>
<td>AL</td>
<td>Aluminum</td>
</tr>
<tr>
<td>690</td>
<td>STAT</td>
<td>Statuary Bronze</td>
</tr>
<tr>
<td>691</td>
<td>DB</td>
<td>Dull Bronze</td>
</tr>
<tr>
<td>693</td>
<td>315</td>
<td>Black</td>
</tr>
<tr>
<td>696</td>
<td>GB</td>
<td>Gold</td>
</tr>
</tbody>
</table>
Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

* This dimension will vary. Standard non-hold open arm illustrated.

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH INCHES (CM)</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SIZED CLOSERS</td>
</tr>
<tr>
<td><strong>INTERIOR</strong></td>
<td><strong>EXTERIOR</strong></td>
</tr>
<tr>
<td>32&quot; (81)</td>
<td>30&quot; (76)</td>
</tr>
<tr>
<td>38&quot; (97)</td>
<td>34&quot; (86)</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>42&quot; (107)</td>
</tr>
<tr>
<td>54&quot; (137)</td>
<td>48&quot; (122)</td>
</tr>
<tr>
<td>Unusual Conditions</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Limitations exist for doors over 250 lbs. - contact factory for details.
Mounting holes for closer body are spaced 2-3/8" (86mm) vertically x 6-3/4" (171mm) horizontally.

*This dimension will vary. Standard non-hold open arm illustrated.

### Maximum Door Width Inches (CM)

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH INCHES (CM)</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SIZED CLOSERS</td>
</tr>
<tr>
<td>INTERIOR</td>
<td>EXTERIOR</td>
</tr>
<tr>
<td>30&quot; (76)</td>
<td>–</td>
</tr>
<tr>
<td>36&quot; (91)</td>
<td>30&quot; (76)</td>
</tr>
<tr>
<td>42&quot; (107)</td>
<td>36&quot; (91)</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>42&quot; (107)</td>
</tr>
<tr>
<td>54&quot; (137)</td>
<td>48&quot; (122)</td>
</tr>
</tbody>
</table>

### R (Inches/MM) Minimum Top Rail of Door with 5/8" (16MM) Frame Stop

<table>
<thead>
<tr>
<th>WITHOUT DROP PLATE</th>
<th>WITH 7788 DROP PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>P7500</td>
<td>P7500H</td>
</tr>
<tr>
<td>5-7/8&quot; (149)</td>
<td>6-1/4&quot; (159)</td>
</tr>
<tr>
<td>5-3/8&quot; (137)</td>
<td>2-3/4&quot; (70)</td>
</tr>
<tr>
<td>1-7/8&quot; (48)</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Limitations exist for doors over 250 lbs. - contact factory for details.
### PARALLEL RIGID ARM

Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH INCHES (CM)</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERIOR</td>
<td>SIZED CLOSERS</td>
</tr>
<tr>
<td>30&quot; (76mm)</td>
<td>NON-HOLD OPEN</td>
</tr>
<tr>
<td>36&quot; (91mm)</td>
<td>PR7702</td>
</tr>
<tr>
<td>42&quot; (107mm)</td>
<td>PR7703</td>
</tr>
<tr>
<td>48&quot; (122mm)</td>
<td>PR7704</td>
</tr>
<tr>
<td></td>
<td>PR7705</td>
</tr>
<tr>
<td></td>
<td>PR7706</td>
</tr>
<tr>
<td>EXTERIOR</td>
<td>NON-HOLD OPEN</td>
</tr>
<tr>
<td>32&quot; (81mm)</td>
<td>PR7702</td>
</tr>
<tr>
<td>36&quot; (91mm)</td>
<td>PR7703</td>
</tr>
<tr>
<td>42&quot; (107mm)</td>
<td>PR7704</td>
</tr>
<tr>
<td>48&quot; (122mm)</td>
<td>PR7705</td>
</tr>
<tr>
<td>48&quot; (122mm)</td>
<td>PR7706</td>
</tr>
</tbody>
</table>

*Specify hand when ordering

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.

FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

RITE Door

INSTITUTIONAL DOOR CLOSER

D-DCN-75/77
**CLOSERPLUS® ARM**

Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH (INCHES (CM))</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SIZED CLOSERS</td>
</tr>
<tr>
<td>INTERIOR</td>
<td>EXTERIOR</td>
</tr>
<tr>
<td>30&quot; (76mm)</td>
<td>–</td>
</tr>
<tr>
<td>36&quot; (91mm)</td>
<td>32&quot; (81mm)</td>
</tr>
<tr>
<td>42&quot; (107mm)</td>
<td>36&quot; (91mm)</td>
</tr>
<tr>
<td>48&quot; (122mm)</td>
<td>42&quot; (107mm)</td>
</tr>
<tr>
<td>–</td>
<td>48&quot; (122mm)</td>
</tr>
</tbody>
</table>

*Specify hand when ordering

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.
Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH INCHES (CM)</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SIZED CLOSERS</td>
</tr>
<tr>
<td>INTERIOR</td>
<td>EXTERIOR</td>
</tr>
<tr>
<td>30&quot; (76)</td>
<td>–</td>
</tr>
<tr>
<td>36&quot; (91)</td>
<td>32&quot; (81)</td>
</tr>
<tr>
<td>42&quot; (107)</td>
<td>36&quot; (91)</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>42&quot; (107)</td>
</tr>
<tr>
<td>–</td>
<td>48&quot; (122)</td>
</tr>
</tbody>
</table>

NOTE: Limitations exist for doors over 250 lbs. - contact factory for details.
RITE Door

INSTITUTIONAL DOOR CLOSER

PULL SIDE SLIDE TRACK

D-DCN-75/77

Mounting holes for closer body are spaced 2-3/8” (60mm) vertically x 6-3/4” (171mm) horizontally.

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH</th>
<th>MODEL NUMBER</th>
<th>1,2</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCHES (CM)</td>
<td>SIZED CLOSERS</td>
<td>MULTISIZED CLOSERS</td>
</tr>
<tr>
<td>INTERIOR</td>
<td>NON-HOLD OPEN</td>
<td>HOLD OPEN</td>
</tr>
<tr>
<td>32” (81)</td>
<td>7704ST</td>
<td>7704ST-180</td>
</tr>
<tr>
<td>38” (91)</td>
<td>7705ST</td>
<td>7705ST-180</td>
</tr>
<tr>
<td>48” (122)</td>
<td>7706ST</td>
<td>7706ST-180</td>
</tr>
<tr>
<td>EXTERIOR</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32” (81)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38” (91)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1–Units can also be mounted with the closer body on the jamb. Prefix the model number with a “J”. Where the frame face is less than 3-3/8” (86mm) a number 7786JP backplate will be required.

2–Units can also be installed on double egress doors using a handed arm that will accommodate the frame profile. Suffix the model number with “DE”. For reveal ranges 1/4” to 3” (6 to 76mm).

R (INCHES/MM)
MINIMUM TOP RAIL OF DOOR WITH FRAME STOP

<table>
<thead>
<tr>
<th>WITHOUT DROP PLATE</th>
<th>WITH 7786 DROP PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1/2” (149)</td>
<td>2-5/8” (70)</td>
</tr>
</tbody>
</table>

NOTE: Limitations exist for doors over 250 lbs. - contact factory for details.
Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

- Door width must be specified when ordering.
- Use 6190 bracket for reveals 1-7/8" - 4-5/8" (48 to 117mm). Reveals in excess of 4-5/8" (117mm) require use of a 6191 reinforcing kit. Reveals to 1/8" (3mm) require use of a 2019L angle bracket.

### PARALLEL UNITROL® ARM

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH INCHES (CM)</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SIZED CLOSERS</td>
</tr>
<tr>
<td></td>
<td>NON-HOLD OPEN</td>
</tr>
<tr>
<td>INTERIOR</td>
<td>EXTERIOR</td>
</tr>
<tr>
<td>30&quot; (76)</td>
<td>–</td>
</tr>
<tr>
<td>36&quot; (91)</td>
<td>30&quot; (76)</td>
</tr>
<tr>
<td>42&quot; (107)</td>
<td>34&quot; (86)</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>42&quot; (107)</td>
</tr>
<tr>
<td>–</td>
<td>48&quot; (122)</td>
</tr>
</tbody>
</table>

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.
Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

### MAXIMUM DOOR WIDTH INCHES (CM)

<table>
<thead>
<tr>
<th>INTELLER</th>
<th>EXTERIOR</th>
<th>NON-HOLD OPEN 85°–110°</th>
<th>HOLD OPEN 85°–110°</th>
<th>NON-HOLD OPEN 85°–100°</th>
<th>HOLD OPEN 85°–100°</th>
</tr>
</thead>
<tbody>
<tr>
<td>32&quot; (81)</td>
<td>–</td>
<td>PS7704ST</td>
<td>PS7704STH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38&quot; (91)</td>
<td>32&quot; (81)</td>
<td>PS7705ST</td>
<td>PS7705STH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>38&quot; (97)</td>
<td>PS7706ST</td>
<td>PS7706STH</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### R (INCHES/MM)

<table>
<thead>
<tr>
<th>WITHOUT DROPPLATE</th>
<th>WITH 7786 DROPPLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; (152)</td>
<td>2-5/8&quot; (67)</td>
</tr>
</tbody>
</table>

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.
Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH INCHES (CM)</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SIZED CLOSERS</td>
</tr>
<tr>
<td>INTERIOR</td>
<td>NON-HOLD OPEN</td>
</tr>
<tr>
<td>32&quot; (81)</td>
<td>7744ST</td>
</tr>
<tr>
<td>38&quot; (91)</td>
<td>7745ST</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>7746ST</td>
</tr>
</tbody>
</table>

R (INCHES/ MM) MINIMUM TOP RAIL OF DOOR WITH FRAME STOP

<table>
<thead>
<tr>
<th>WITHOUT DROP PLATE</th>
<th>WITH 7786 DROP PLATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1/2&quot; (89)</td>
<td>2&quot; (51)</td>
</tr>
</tbody>
</table>

NOTE: Limitations exist for doors over 250 lbs. - contact factory for details.
D-DCN-75/77

Mounting holes for closer body are spaced 2-3/8" (60mm) vertically x 6-3/4" (171mm) horizontally.

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCHES (CM)</td>
<td>SIZE CLOSED</td>
</tr>
<tr>
<td>INTERIOR</td>
<td>NON-HOLDOPEN</td>
</tr>
<tr>
<td>32&quot; (81)</td>
<td>PS7744ST</td>
</tr>
<tr>
<td>38&quot; (91)</td>
<td>PS7745ST</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>PS7746ST</td>
</tr>
</tbody>
</table>

NOTE: Limitations exist for doors over 250 lbs. - contact factory for details.
**Pocket Door 7706STP**

**IMPORTANT**
Wall Reinforcement (by others) Must Be Sufficient to Withstand Door Action

---

**7706STP or 7706ED-STP Closers**

Slide Track for 90° Wall Pocket Installation
For Pocket Depths 2-1/4” to 4-1/4” (57mm to 108mm)
(See Chart for Closer Sizing)

<table>
<thead>
<tr>
<th>Maximum Door Width</th>
<th>CLOSER</th>
</tr>
</thead>
<tbody>
<tr>
<td>42” (107)</td>
<td>7706STP</td>
</tr>
<tr>
<td>48” (122)</td>
<td>7706EP-STP</td>
</tr>
</tbody>
</table>

---

**Important**
Wall Reinforcement (by others) Must Be Sufficient to Withstand Door Action

---

**NOTE:** Contact factory if door weight exceeds 250 lbs.
### FASTENERS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DESCRIPTION</th>
<th>ARM</th>
<th>PA</th>
<th>LOW PROFILE</th>
<th>PR</th>
<th>CLP / CPS</th>
<th>UNI</th>
<th>SLIDE TRACK</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DOOR</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SDST</td>
<td>Self Drilling Self Tapping</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>O</td>
</tr>
<tr>
<td>MS</td>
<td>Machine Screw</td>
<td>N/A</td>
<td>N/A</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
</tr>
<tr>
<td>SN</td>
<td>Sleeve Nut/Sex Nut</td>
<td>O</td>
<td>O</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
</tr>
<tr>
<td>Torx®</td>
<td>Torx Drive Security Screw</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
<tr>
<td></td>
<td>FRAME</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>SDST</td>
<td>Self Drilling Self Tapping</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
</tr>
<tr>
<td>MS</td>
<td>Machine Screw</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
<td>S</td>
</tr>
<tr>
<td>Torx</td>
<td>Torx Drive Security Screw</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
<td>O</td>
</tr>
</tbody>
</table>

*S = standard; O = optional*

**SN** are for use on unreinforced hollow metal doors or to prevent any hollow metal door from collapse/dimpling. They can also be used for thru bolting on wood doors. SN are supplied for 1-3/4” (44mm) thick doors unless specified for 2-1/4” (57mm) thick doors.

**TORX** screws with security pin are standard with Security Door Closers. Torx may be specified for all other series applications. Torx are only available with machine screw threads. Sheet metal screw threads or wood screw threads are not available.

**NOTE:** To order special fasteners with closers, specify model number x fastener (Ex: 8501 x 689 x TBGN)
**SPRAYED FINISHES**

<table>
<thead>
<tr>
<th>BHMA</th>
<th>DESCRIPTION</th>
<th>COMPLEMENTS THE FOLLOWING ARCHITECTURAL FINISHES</th>
</tr>
</thead>
<tbody>
<tr>
<td>600*</td>
<td>Prime Coat</td>
<td>-</td>
</tr>
<tr>
<td>689</td>
<td>Aluminum</td>
<td>628, 625, 629, 630, 651, 652</td>
</tr>
<tr>
<td>690</td>
<td>Statuary Bronze</td>
<td>640, 613</td>
</tr>
<tr>
<td>691</td>
<td>Dull Bronze</td>
<td>612, 637, 639</td>
</tr>
<tr>
<td>693</td>
<td>Black</td>
<td>315</td>
</tr>
<tr>
<td>696</td>
<td>Gold</td>
<td>605, 606, 632, 633</td>
</tr>
</tbody>
</table>

*600 is a special rust-inhibiting prime coat. Closers can be ordered prime coat only (specify closer x 600). An additional charge applies if finish coat is required over prime coat.

Finishes other than those listed above may be available on special order. A sample will be required.

**PLATED FINISHES**

<table>
<thead>
<tr>
<th>BHMA</th>
<th>DESCRIPTION</th>
<th>METAL COVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>605E</td>
<td>Bright Brass</td>
<td>Yes</td>
</tr>
<tr>
<td>606E</td>
<td>Satin Brass</td>
<td>Yes</td>
</tr>
<tr>
<td>611E</td>
<td>Bright Bronze</td>
<td>Yes</td>
</tr>
<tr>
<td>612E</td>
<td>Satin Bronze</td>
<td>Yes</td>
</tr>
<tr>
<td>613E</td>
<td>Dark Oxidized Satin Bronze-Equivalent</td>
<td>Yes</td>
</tr>
<tr>
<td>625E</td>
<td>Bright Chrome</td>
<td>Yes</td>
</tr>
<tr>
<td>626E</td>
<td>Satin Chrome</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*When a plated finish is ordered, arm and cover will be plated unless “cover only” is specified.

8300/8301 - available with plated arm only.
**RITE Door**

**ARCHITECTURAL DOOR CLOSER**

D-DCN-83/85

---

**REGULAR ARM**

Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

*NOTE: All measurements are inches/mm. Maximum 180° door swing, conditions permitting.*

---

<table>
<thead>
<tr>
<th>COVER SERIES</th>
<th>COVER TYPE</th>
<th>MINIMUM CEILING CLEARANCE</th>
<th>MINIMUM TOP RAIL W/ DROP PLATE</th>
<th>MINIMUM TOP RAIL W/ 8146 DROP PLATE*</th>
<th>MINIMUM TOP RAIL CLEARANCE</th>
<th>CLOSER LENGTH</th>
<th>CLOSER HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8301</td>
<td>Slim Line Plastic</td>
<td>1-1/2&quot; (38)</td>
<td>1&quot; (25)</td>
<td>1-5/8&quot; (41)</td>
<td>21/2&quot; (64)</td>
<td>2-3/8&quot; (60)</td>
<td>15/8&quot; (41)</td>
</tr>
<tr>
<td>8501</td>
<td>Full Plastic</td>
<td>—</td>
<td>—</td>
<td>2&quot; (51)</td>
<td>2-3/8&quot; (60)</td>
<td>—</td>
<td>13/8&quot; (35)</td>
</tr>
<tr>
<td>8501M</td>
<td>Metal</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>2-3/8&quot; (60)</td>
<td>—</td>
</tr>
</tbody>
</table>

* Drop plate Supplied by others. **NOT** available through RITE DOOR.

---

**NOTE:** 8301/8501 door closers are set at midpower range from the factory and can be adjusted for door sizes noted above. *Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).*

---

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.
## ARCHITECTURAL DOOR CLOSER

**D-DCN-83/85**

### PARALLEL ARM

Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

*NOTE: All measurements are inches/mm. Maximum 180° door swing, conditions permitting.*

<table>
<thead>
<tr>
<th>CLOSER SERIES</th>
<th>COVERS</th>
<th>R MINIMUM TOP RAIL MINIMUM TOP RAIL 5/8&quot; (16MM) FRAME STOP</th>
<th>S MINIMUM TOP RAIL CLEARANCE</th>
<th>U CLOSER LENGTH</th>
<th>V CLOSER HEIGHT</th>
<th>W ARM EXTENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>8300</td>
<td>Slim Line Plastic</td>
<td>5-1/4&quot; (133) 4-5/8&quot; (117) 5-1/4&quot; (133) 3&quot; (76) 2-3/8&quot; (60) 3&quot; (76)</td>
<td>6-1/4&quot; (159) 5-5/8&quot; (143) 6-1/4&quot; (159)</td>
<td>13&quot; (330)</td>
<td>2-7/8&quot; (73)</td>
<td>8&quot; (203)</td>
</tr>
<tr>
<td>8500</td>
<td>Full Plastic</td>
<td>6-7/8&quot; (175) 6-1/4&quot; (159) 6-7/8&quot; (175) 13-5/8&quot; (346) 3-3/4&quot; (95) 7-5/8&quot; (194)</td>
<td>6-7/8&quot; (175) 6-1/4&quot; (159) 6-7/8&quot; (175)</td>
<td>13-5/8&quot; (346)</td>
<td>3-3/4&quot; (95)</td>
<td>7-5/8&quot; (194)</td>
</tr>
<tr>
<td>8500M Metal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Drop plate Supplied by others. NOT available through RITE DOOR.*

**NOTE:** 8301/8501 door closers are set at midpower range from the factory and can be adjusted for door sizes noted above.

*Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).*

### DOOR WIDTH

#### INCHES (CM)

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>SIZED CLOSERS</th>
<th>MULTI-SIZED CLOSER</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERIOR</td>
<td>EXTERIOR</td>
<td>NON-HOLD OPEN</td>
</tr>
<tr>
<td>30&quot; (76)</td>
<td>—</td>
<td>P8302</td>
</tr>
<tr>
<td>36&quot; (91)</td>
<td>30&quot; (76)</td>
<td>P8303</td>
</tr>
<tr>
<td>42&quot; (107)</td>
<td>36&quot; (91)</td>
<td>P8304</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>42&quot; (107)</td>
<td>P8305</td>
</tr>
<tr>
<td>—</td>
<td>48&quot; (122)</td>
<td>P8306</td>
</tr>
</tbody>
</table>

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.

FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM
**RITE Door**

**ARCHITECTURAL DOOR CLOSER**

**D-DCN-83/85**

**PARALLEL RIGID ARM**

Mounting holes for closer body are spaced 3/4” (19mm) vertically x 12" (305mm) horizontally.  
**NOTE:** All measurements are inches/mm. Maximum 180° door swing, conditions permitting.

<table>
<thead>
<tr>
<th>CLOSER SERIES</th>
<th>COVERS</th>
<th>R MINIMUM TOP RAIL W/O DROP PLATE</th>
<th>WITH DROP PLATE*</th>
</tr>
</thead>
<tbody>
<tr>
<td>8300</td>
<td>Slim Line Plastic</td>
<td>4-5/8” (117)</td>
<td>2-3/8” (60)</td>
</tr>
<tr>
<td>8500</td>
<td>Full Plastic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8500M</td>
<td>Metal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MINIMUM TOP RAIL CLEARANCE</th>
<th>U CLOSER LENGTH</th>
<th>V CLOSER HEIGHT</th>
<th>W ARM EXTENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-7/8” (149)</td>
<td>13” (330)</td>
<td>2-7/8” (73)</td>
<td>8” (203)</td>
</tr>
<tr>
<td>6-1/2” (165)</td>
<td>13-5/8” (346)</td>
<td>3-7/8” (98)</td>
<td>7-5/8” (194)</td>
</tr>
</tbody>
</table>

*Drop plate supplied by others. NOT available through RITE DOOR.*

<table>
<thead>
<tr>
<th>DOOR WIDTH INCHES (CM)</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERIOR</td>
<td>SIZED CLOSERS</td>
</tr>
<tr>
<td>28” (71) – 32” (81)</td>
<td>PR8302 PR8502 PR8302H PR8502H</td>
</tr>
<tr>
<td>33” (84) – 36” (91)</td>
<td>PR8303 PR8503 PR8303H PR8503H</td>
</tr>
<tr>
<td>37” (94) – 41” (104)</td>
<td>PR8304 PR8504 PR8304H PR8504H</td>
</tr>
<tr>
<td>42” (107) – 48” (122)</td>
<td>PR8305 PR8505 PR8305H PR8505H</td>
</tr>
<tr>
<td>—</td>
<td>PR8306 PR8506 PR8306H PR8506H</td>
</tr>
</tbody>
</table>

**NOTE:** 8301/8501 door closers are set at midpower range from the factory and can be adjusted for door sizes noted above.  

*Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16” (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4” (57mm).*

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM
## CLOSERPLUS® ARM

Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

**NOTE:** All measurements are inches/mm.

### D-DCN-83/85

<table>
<thead>
<tr>
<th>CLOSER SERIES</th>
<th>COVERS</th>
<th>R MINIMUM TOP RAIL W/O DROP PLATE</th>
<th>WITH DROP PLATE*</th>
<th>S MINIMUM TOP RAIL CLEARANCE</th>
<th>U CLOSER LENGTH</th>
<th>V CLOSER HEIGHT</th>
<th>W ARM EXTENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>8300</td>
<td>Slim Line Plastic</td>
<td>4-5/8&quot; (117)</td>
<td>2-3/8&quot; (60)</td>
<td>5-7/8&quot; (149)</td>
<td>13&quot; (330)</td>
<td>2-7/8&quot; (73)</td>
<td>8&quot; (203)</td>
</tr>
<tr>
<td>8500</td>
<td>Full Plastic</td>
<td></td>
<td></td>
<td>6-1/2&quot; (165)</td>
<td>13-5/8&quot; (346)</td>
<td>3-7/8&quot; (98)</td>
<td></td>
</tr>
<tr>
<td>8500M</td>
<td>Metal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>7-5/8&quot; (194)</td>
</tr>
</tbody>
</table>

* Drop plate supplied by others. **NOT** available through RITE DOOR.

### DOOR WIDTH INCHES (CM)

<table>
<thead>
<tr>
<th></th>
<th>INTENIER</th>
<th>EXTERIOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>28&quot; (71) – 32&quot; (81)</td>
<td>28&quot; (71) – 32&quot; (81)</td>
<td>CLP8302</td>
</tr>
<tr>
<td>33&quot; (84) – 36&quot; (91)</td>
<td>33&quot; (84) – 36&quot; (91)</td>
<td>CLP8303</td>
</tr>
<tr>
<td>37&quot; (94) – 41&quot; (104)</td>
<td>37&quot; (94) – 41&quot; (104)</td>
<td>CLP8304</td>
</tr>
<tr>
<td>42&quot; (107) – 48&quot; (122)</td>
<td>42&quot; (107) – 48&quot; (122)</td>
<td>CLP8305</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CLP8306</td>
</tr>
</tbody>
</table>

### MODEL NUMBER

<table>
<thead>
<tr>
<th>SIZE CLOSERS</th>
<th>MULTI-SIZED CLOSER</th>
</tr>
</thead>
<tbody>
<tr>
<td>NON-HOLD OPEN</td>
<td>NON-HOLD OPEN</td>
</tr>
<tr>
<td>CLP8301</td>
<td>CLP8501</td>
</tr>
<tr>
<td>CLP8502</td>
<td></td>
</tr>
<tr>
<td>CLP8503</td>
<td></td>
</tr>
<tr>
<td>CLP8504</td>
<td></td>
</tr>
<tr>
<td>CLP8505</td>
<td></td>
</tr>
<tr>
<td>CLP8506</td>
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</tbody>
</table>

**NOTE:** 8301/8501 door closers are set at midpower range from the factory and can be adjusted for door sizes noted above.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.
**RITE DOOR**

**ARCHITECTURAL DOOR CLOSER**

**CLOSERPLUS® SPRING ARM**

D-DCN-83/85

---

Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

**NOTE:** All measurements are inches/mm.

<table>
<thead>
<tr>
<th>CLOSER SERIES</th>
<th>COVERS</th>
<th>R MINIMUM TOP RAIL W/O DROP PLATE</th>
<th>R MINIMUM TOP RAIL WITH DROP PLATE</th>
<th>S MINIMUM TOP RAIL CLEARANCE</th>
<th>U CLOSER LENGTH</th>
<th>V CLOSER HEIGHT</th>
<th>W ARM EXTENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>8300</td>
<td>Slim Line Plastic</td>
<td>4-5/8&quot; (117)</td>
<td>2-3/8&quot; (60)</td>
<td>5-7/8&quot; (149)</td>
<td>13&quot; (330)</td>
<td>2-7/8&quot; (73)</td>
<td>8&quot; (203)</td>
</tr>
<tr>
<td>8500</td>
<td>Full Plastic</td>
<td></td>
<td></td>
<td>6-1/2&quot; (165)</td>
<td>13-5/8&quot; (346)</td>
<td>3-7/8&quot; (98)</td>
<td>7-5/8&quot; (194)</td>
</tr>
<tr>
<td>8500M</td>
<td>Metal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Drop plate supplied by others. **NOT** available through RITE DOOR.

<table>
<thead>
<tr>
<th>DOOR WIDTH INCHES (CM)</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>INTERIOR</strong></td>
<td><strong>EXTERIOR</strong></td>
</tr>
<tr>
<td>28&quot; (71) – 32&quot; (81)</td>
<td>—</td>
</tr>
<tr>
<td>33&quot; (84) – 36&quot; (91)</td>
<td>28&quot; (71) – 32&quot; (81)</td>
</tr>
<tr>
<td>37&quot; (94) – 41&quot; (104)</td>
<td>33&quot; (84) – 36&quot; (91)</td>
</tr>
<tr>
<td>42&quot; (107) – 48&quot; (122)</td>
<td>37&quot; (94) – 41&quot; (104)</td>
</tr>
<tr>
<td>—</td>
<td>42&quot; (107) – 48&quot; (122)</td>
</tr>
</tbody>
</table>

**NOTE:** 8301/8501 door closers are set at midpower range from the factory and can be adjusted for door sizes noted above.

*Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.

---

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
RITE Door

ARCHITECTURAL DOOR CLOSER

PARALLEL UNITROL® ARM

D-DCN-83/85

Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

NOTE: All measurements are inches/mm.

### PARALLEL UNITROL® ARM

<table>
<thead>
<tr>
<th>CLOSER SERIES</th>
<th>DOOR WIDTH</th>
<th>COVERS</th>
<th>R MINIMUM TOP RAIL W/O DROP PLATE</th>
<th>WITH DROPPLATE*</th>
<th>S MINIMUM</th>
<th>U CLOSER LENGTH</th>
<th>V CLOSER HEIGHT</th>
<th>W ARM EXTENSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>8300</td>
<td>28-32</td>
<td>Slim Line</td>
<td>4-3/4&quot; (121)</td>
<td>2-1/2&quot; (64)</td>
<td>5-3/4&quot; (146)</td>
<td>13&quot; (330)</td>
<td>2-7/8&quot; (73)</td>
<td>8-3/8&quot; (213)</td>
</tr>
<tr>
<td>8300</td>
<td>33-41</td>
<td>Slim Line</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8300</td>
<td>33-41</td>
<td>Full Plastic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8500</td>
<td>33-41</td>
<td>Full Plastic</td>
<td>6-3/8&quot; (162)</td>
<td>13-5/8&quot; (346)</td>
<td>3-7/8&quot; (98)</td>
<td></td>
<td></td>
<td>9-1/2&quot; (241)</td>
</tr>
<tr>
<td>8500M</td>
<td>33-41</td>
<td>Metal</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Drop plate Supplied by others. ** Not available through RITE DOOR. * Consult installation instructions for additional door width dimensions.

### DOOR WIDTH INCHES (CM)

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIZED CLOSERS</td>
</tr>
<tr>
<td>INT/EXTR</td>
</tr>
<tr>
<td>28’(71)–32’(81)</td>
</tr>
<tr>
<td>33’(84)–36’(91)</td>
</tr>
<tr>
<td>37’(94)–41’(104)</td>
</tr>
<tr>
<td>42’(107)–48’(122)</td>
</tr>
<tr>
<td>—</td>
</tr>
</tbody>
</table>

*Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

NOTE: Limitations exist for doors over 250 lbs. - contact factory for details.
### PULL SIDE SLIDE TRACK

Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

**NOTE:** All measurements are inches/mm.

<table>
<thead>
<tr>
<th>CLOSER SERIES</th>
<th>R MINIMUM TOP RAIL</th>
<th>S MINIMUM TOP RAIL CLEARANCE</th>
<th>U CLOSER LENGTH</th>
<th>V CLOSER HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>W/O DROP PLATE</td>
<td>WITH 8146 DROP PLATE</td>
<td>SLIM OR FULL COVER</td>
<td>METAL COVER</td>
<td>ARCH METAL</td>
</tr>
<tr>
<td>8300ST</td>
<td>2-1/2&quot; (64)</td>
<td>1-5/8&quot; (41)</td>
<td>3-1/2&quot; (89)</td>
<td>13&quot; (330)</td>
</tr>
<tr>
<td>8500ST</td>
<td>8301ST-H</td>
<td>8304ST</td>
<td>8304ST-H</td>
<td>8301ST-H</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH (WOOD OR METAL) INCHES (CM)</th>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERIOR</td>
<td>SLIM LINE COVER</td>
</tr>
<tr>
<td>Size (inches)</td>
<td>Sized Closer</td>
</tr>
<tr>
<td>Non-Hold Open</td>
<td>Hold Open</td>
</tr>
<tr>
<td>32&quot; (81)</td>
<td>8304ST</td>
</tr>
<tr>
<td>38&quot; (97)</td>
<td>8305ST</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>8306ST</td>
</tr>
</tbody>
</table>

**NOTE:** 8301/8501 door closers are set at midpower range from the factory and can be adjusted for door sizes noted above.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

◊ Track is furnished with a spring buffered stop. Additional stop, by others, is recommended where abusive conditions are anticipated.

◊ Track is supplied without the spring buffered assembly. An auxiliary door stop, by others, is required.

**NOTE:** Limitations exist for doors over 250 lbs. - contact factory for details.
RITE Door

ARCHITECTURAL DOOR CLOSER

PUSH SIDE SLIDE TRACK

D-DCN-83/85

Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

NOTE: All measurements are inches/mm.

<table>
<thead>
<tr>
<th>CLOSER SERIES</th>
<th>R MINIMUM TOP RAIL</th>
<th>S MINIMUM TOP RAIL CLEARANCE</th>
<th>U CLOSER LENGTH</th>
<th>V CLOSER HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS8300ST</td>
<td>5&quot; (127)</td>
<td>6-5/8&quot; (168)</td>
<td>13&quot; (330)</td>
<td>14&quot; (356)</td>
</tr>
<tr>
<td>PS8500ST</td>
<td>2-3/4&quot; (70)</td>
<td>6-1/8&quot; (156)</td>
<td>13-5/8&quot; (346)</td>
<td>2-7/8&quot; (73)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAXIMUM DOOR WIDTH (WOOD OR METAL)</th>
<th>SLIM LINE COVER</th>
<th>FULL COVER</th>
<th>SLIM LINE COVER</th>
<th>FULL COVER</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERIOR</td>
<td>NON-HOLD OPEN</td>
<td>HOLD OPEN</td>
<td>NON-HOLD OPEN</td>
<td>HOLD OPEN</td>
</tr>
<tr>
<td>32&quot; (81)</td>
<td>PS8304ST</td>
<td>PS8304STH</td>
<td>PS8304ST</td>
<td>PS8304STH</td>
</tr>
<tr>
<td>38&quot; (97)</td>
<td>PS8305ST</td>
<td>PS8305STH</td>
<td>PS8305ST</td>
<td>PS8305STH</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>PS8306ST</td>
<td>PS8306STH</td>
<td>PS8306ST</td>
<td>PS8306STH</td>
</tr>
</tbody>
</table>

NOTE: 8301/8501 door closers are set at midpower range from the factory and can be adjusted for door sizes noted above.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

** A separate door stop, by others, is recommended where abusive conditions are anticipated.

NOTE: Contact factory if door weight exceeds 250 lbs.
**RITE Door**

**8000 SERIES**

**LOW PROFILE PULL SLIDE TRACK**

![Diagram of Low Profile Pull Slide Track]

Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

**ARCHITECTURAL DOOR CLOSER**

**CLOSER SERIES**

<table>
<thead>
<tr>
<th>CLOSER SERIES</th>
<th>R: MINIMUM TOP RAIL</th>
<th>S: MINIMUM TOP RAIL CLEARANCE</th>
<th>U: CLOSER LENGTH</th>
<th>V: CLOSER HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8300ST</td>
<td>W/O DROP PLATE</td>
<td>METAL COVER</td>
<td>13&quot; (330)</td>
<td>3&quot; (76)</td>
</tr>
<tr>
<td>8500ST</td>
<td>WITH 8146 DROP PLATE</td>
<td>METAL COVER</td>
<td>13-5/8&quot; (346)</td>
<td>3-7/8&quot; (98)</td>
</tr>
</tbody>
</table>

**MAXIMUM DOOR WIDTH (WOOD OR METAL) INCHES (CM)**

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTERIOR</td>
</tr>
<tr>
<td>32&quot; (81)</td>
</tr>
<tr>
<td>38&quot; (97)</td>
</tr>
<tr>
<td>48&quot; (122)</td>
</tr>
</tbody>
</table>

**NOTE:** 8301/8501 door closers can be adjusted for door sizes noted. Multi-size closers are set at mid power range from the factory.

*Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).*

**FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM**

**NOTE:** Contact factory if door weight exceeds 250 lbs.
RITE Door

8000 SERIES

LOW PROFILE PUSH SIDE SLIDE TRACK

Mounting holes for closer body are spaced 3/4" (19mm) vertically x 12" (305mm) horizontally.

NOTE: All measurements are inches/mm.

<table>
<thead>
<tr>
<th>CLOSER SERIES</th>
<th>R MINIMUM TOP RAIL</th>
<th>S MINIMUM TOP RAIL CLEARANCE</th>
<th>U CLOSER LENGTH</th>
<th>V CLOSER HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>WITH 8146, 8158, 8548, 8548A DROP PLATE</td>
<td>SLIM OR FULL COVER</td>
<td>SLIM OR FULL COVER</td>
<td>SLIM OR FULL COVER</td>
</tr>
<tr>
<td>PS8300ST</td>
<td>4&quot; (102)</td>
<td>5-5/8&quot; (143)</td>
<td>13&quot; (330)</td>
<td>14&quot; (356)</td>
</tr>
<tr>
<td>PS8500ST</td>
<td>5&quot; (127)</td>
<td>5-1/8&quot; (130)</td>
<td>5&quot; (127)</td>
<td>3&quot; (76)</td>
</tr>
</tbody>
</table>

MAXIMUM DOOR WIDTH INCHES (CM)

<table>
<thead>
<tr>
<th>INTERIOR</th>
<th>SIZED CLOSER</th>
<th>MULTI-SIZED CLOSER</th>
</tr>
</thead>
<tbody>
<tr>
<td>32&quot; (81)</td>
<td>PS8344ST, PS8544ST</td>
<td>PS8344STH, PS8544STH</td>
</tr>
<tr>
<td>38&quot; (97)</td>
<td>PS8345ST, PS8545ST</td>
<td>PS8345STH, PS8545STH</td>
</tr>
<tr>
<td>48&quot; (122)</td>
<td>PS8346ST, PS8546ST</td>
<td>PS8346STH, PS8546STH</td>
</tr>
</tbody>
</table>

NOTE: 8301/8501 door closers can be adjusted for door sizes noted. Multi-size closers are set at mid power range from the factory.

* Projection is for Slim Line or Full Covers. Projection for Metal Covers = 2-3/16" (56mm). Projection for Architectural Plastic & Architectural Metal Covers = 2-1/4" (57mm).

FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

NOTE: Contact factory if door weight exceeds 250 lbs.
MAGNETIC HOLDERS

Electromagnets are designed for virtually any remote door release application.

They are primarily used to hold fire and smoke barrier doors open until released by a remote smoke detector or other switching device. The complete assembly consists of an armature contact plate with adjustable pivot mounting for installation on the door, and a heavy-duty electromagnet mounted on the wall or floor behind the door. A separate closing device is required.

Triple-voltage coil makes installation and ordering simple chores. One magnet can receive 12 VDC, 24 VAC/DC and 120 VAC. There are no wires leading from the coil, only a terminal strip. This coil draws fewer amps than conventional magnets. Available on most models. See the ___ symbol next to the model number in the catalog.

FEATURES
• 25 to 40 pounds holding power
• Fail-safe operation; power failure releases door to close
• Positive release button initiates closing motion
• Two year warranty
• Multi-voltage on specific coil models
• Magnet protected against transients, tighten and surges up to 600 volts (AC models)

CODE LISTINGS
• Underwriters’ Laboratories, Inc.
• Underwriters’ Laboratories of Canada
• California State fire Marshal
• ANSI/BHMA 156.15

FINISHES
• 689 Sprayed Aluminum Enamel (SA)
• 690 Sprayed Dark Bronze (SB)
• 691 Sprayed Light Bronze (SLB)
• 696 Sprayed Gold (SG)
RITE Door

MAGNETIC HOLDERS

INSTALLATION

• Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.
• Be sure door hardware and trim projections are compatible with total projection of door release.
• Anchor the electromagnet firmly since the wall portion will function as a door stop.
• Locate magnet approximately 6 inches in from lock edge of door. Wall magnets should be mounted approximately 2 to 4 feet above the floor for optimum performance.
• Door-mounted contact plate includes hardware for through-bolting or concealed mounting.
• Spotting template included with unit ensures correct alignment.
• 14AWG. Max. Wire Size.
MAGNETIC HOLDERS

MODEL D-MDH-102

APPLICATION
- Wall Mount
- Low Profile
- Concealed Wiring

PRODUCT DESCRIPTION & FEATURES

Total Projection
- 7/16" (11mm)

Mounting Requirements
- 2" x 4" x 2-1/2" (51 x 102 x 64mm) outlet box
- Wall must be properly reinforced and outlet box adequately fastened

UL listed door holder

TECHNICAL INFORMATION

Voltage and Current
- 120 VAC, 60Hz., .020 amp
- 24 VAC/DC, 60Hz., .020 amp
- 12 VDC, .040 amp
- 250 VAC, 50/60Hz., .009 amp

Shipping Weight
- 2 lbs. (0.9 kg)
MAGNETIC HOLDERS

INSTALLATION

- Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.
- Be sure door hardware and trim projections are compatible with total projection of door release.
- Anchor the electromagnet firmly since the wall portion will function as a door stop.
- Locate magnet approximately 6 inches in from lock edge of door. Wall magnets should be mounted approximately 2 to 4 feet above the floor for optimum performance.

- Door-mounted contact plate includes hardware for through-bolting or concealed mounting.
- Spotting template included with unit ensures correct alignment.
- 14AWG. Max. Wire Size.
RITE Door
MAGNETIC HOLDERS

MODEL D-MDH-113

APPLICATION
• Wall Mount
• Low Profile
• Concealed Wiring

PRODUCT DESCRIPTION & FEATURES
Total Projection
• 1-13/16" (46mm)

Mounting Requirements
• 2" x 4" x 2-1/2" (51 x 102 x 64mm) outlet box
• Wall must be properly reinforced and outlet box adequately fastened
• UL listed door holder

TECHNICAL INFORMATION
Voltage and Current
• 120 VAC, 60Hz., .020 amp
• 24 VAC/DC, 60Hz., .020 amp
• 12VDC, .040 amp
• 250VAC, 50/60Hz., .009 amp

Shipping Weight
• 2 lbs. (0.9 kg)
REMOTE CONTROL

MAGNETIC HOLDERS

INSTALLATION

- Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.
- Be sure door hardware and trim projections are compatible with total projection of door release.
- Anchor the electromagnet firmly since the wall portion will function as a door stop.
- Locate magnet approximately 6 inches in from lock edge of door. Wall magnets should be mounted approximately 2 to 4 feet above the floor for optimum performance.
- Door-mounted contact plate includes hardware for through-bolting or concealed mounting.
- Spotting template included with unit ensures correct alignment.
- 14AWG. Max. Wire Size.
RITE Door

MAGNETIC HOLDERS

MODEL D-MDH-510

APPLICATION

- Wall Mount
- Surface Wiring

PRODUCT DESCRIPTION & FEATURES

Total Projection
- 4-1/8” (105mm)

Mounting Requirements
- 1-1/2” (38mm) deep adaptor housing
- UL listed door holder

TECHNICAL INFORMATION

Voltage and Current
- 120 VAC, 60Hz., .020 amp
- 24 VAC/DC, 60Hz., .020 amp
- 12VDC, .040 amp
- 250VAC, 50/60Hz., .009 amp

Shipping Weight
- 3 lbs. (1.4 kg)
MAGNETIC HOLDERS

INSTALLATION

• Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.

• Be sure door hardware and trim projections are compatible with total projection of door release.

• Anchor the electromagnet firmly since the wall portion will function as a door stop.

• Locate magnet approximately 6 inches in from lock edge of door. Wall magnets should be mounted approximately 2 to 4 feet above the floor for optimum performance.

• Door-mounted contact plate includes hardware for through-bolting or concealed mounting.

• Spotting template included with unit ensures correct alignment.

• 14AWG. Max. Wire Size.
RITE Door

MAGNETIC HOLDERS

MODEL D-MDH-210

APPLICATION
- Wall Mount
- Concealed Wiring

PRODUCT DESCRIPTION & FEATURES
Total Projection
- 2-5/8" (67mm)

Mounting Requirements
- 2" x 4" x 1-3/4" (51 x 102 x 45mm) outlet box

UL listed door holder

TECHNICAL INFORMATION
Voltage and Current
- 120 VAC, 60Hz., .020 amp
- 24 VAC/DC, 60Hz., .020 amp
- 12VDC, .040 amp
- 250VAC, 50/60Hz., .009 amp

Shipping Weight
- 2 lbs. (0.9 kg)
RITE Door

MAGNETIC HOLDERS

INSTALLATION

• Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.

• Be sure door hardware and trim projections are compatible with total projection of door release.

• Anchor the electromagnet firmly since the wall portion will function as a door stop.

• Locate magnet approximately 6 inches in from lock edge of door. Wall magnets should be mounted approximately 2 to 4 feet above the floor for optimum performance.

• Door-mounted contact plate includes hardware for through-bolting or concealed mounting.

• Spotting template included with unit ensures correct alignment.

• 14AWG. Max. Wire Size.
RITE Door

MAGNETIC HOLDERS

MODEL D-MDH-310

APPLICATION
- Wall Mount
- Standard Doors
- Concealed Wiring

PRODUCT DESCRIPTION & FEATURES
Total Projection
- 3-5/8’ (92mm)

Mounting Requirements
- 2” x 4” x 1-3/4” (51 x 102 x 45mm) outlet box
- Wall must be properly reinforced and outlet box adequately fastened

UL listed door holder

TECHNICAL INFORMATION
Voltage and Current
- 120 VAC, 60Hz., .020 amp
- 24 VAC/DC, 60Hz., .020 amp
- 12VDC, .040 amp
- 250VAC, 50/60Hz., .009 amp

Shipping Weight
- 2-1/2” lbs. (1.1 kg)
RITE Door

MAGNETIC HOLDERS

INSTALLATION

- Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.
- Be sure door hardware and trim projections are compatible with total projection of door release.
- Anchor the electromagnet firmly since the wall portion will function as a door stop.
- Locate magnet approximately 6 inches in from lock edge of door. Wall magnets should be mounted approximately 2 to 4 feet above the floor for optimum performance.
- Door-mounted contact plate includes hardware for through-bolting or concealed mounting.
- Spotting template included with unit ensures correct alignment.
- 14AWG Max. Wire Size.
MODEL D-MDH-410

APPLICATION

• Typical Usage
• Universal Mounting

PRODUCT DESCRIPTION & FEATURES

Base Plate
• Concealed Wiring

Total Projection
• 4-3/8" (111mm)

Mounting Requirements
• 2" x 4" x 1-3/4" (51 x 102mm) outlet box;
• 4" (102mm) square box; 4" (102mm) octagonal box
• Wall must be properly reinforced and outlet box adequately fastened

UL listed door holder

TECHNICAL INFORMATION

Voltage and Current
• 120 VAC, 60Hz., .020 amp
• 24 VAC/DC, 60Hz., .020 amp
• 12VDC, .040 amp
• 250VAC, 50/60Hz., .009 amp

Shipping Weight
• 2-3/4 lbs. (1.2 kg)
RITE Door

MAGNETIC HOLDERS

INSTALLATION

• Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.
• Be sure door hardware and trim projections are compatible with total projection of door release.
• Anchor the electromagnet firmly since the wall portion will function as a door stop.
• Locate magnet approximately 6 inches in from lock edge of door. Wall magnets should be mounted approximately 2 to 4 feet above the floor for optimum performance.
• Door-mounted contact plate includes hardware for through-bolting or concealed mounting.
• Spotting template included with unit ensures correct alignment.
• 14AWG. Max. Wire Size.
RITE Door

MAGNETIC HOLDERS

**PART# 900**
Base Unit Armature Extension Mounts between armature and contact plate.
Cannot be used with model 994

**PART# 900-3**
994 Swivel Armature (cannot be used with extension spacers)

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**DIMENSIONS**

<table>
<thead>
<tr>
<th>Extension Pieces Must Be Used in Conjunction with 900 Base Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part# 900-700 = 7”</td>
</tr>
<tr>
<td>Part# 900-600 = 6”</td>
</tr>
<tr>
<td>Part# 900-500 = 5”</td>
</tr>
<tr>
<td>Part# 900-400 = 4”</td>
</tr>
<tr>
<td>Part# 900-300 = 3”</td>
</tr>
<tr>
<td>Part# 900-200 = 2”</td>
</tr>
<tr>
<td>Part# 900-100 = 1”</td>
</tr>
<tr>
<td>Part# 900-75 = 3/4”</td>
</tr>
<tr>
<td>Part# 900-50 = 1/2”</td>
</tr>
</tbody>
</table>

Spacer lengths – must be used with 900 base
### PERFORMANCE DATA

<table>
<thead>
<tr>
<th>MODEL</th>
<th>VOLTS</th>
<th>mAmps</th>
<th>VA</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-MDH-310, D-MDH-410</td>
<td>12DC</td>
<td>60</td>
<td>0.72</td>
</tr>
<tr>
<td>D-MDK-113</td>
<td>24AC</td>
<td>30</td>
<td>0.72</td>
</tr>
<tr>
<td>D-MDH-102</td>
<td>24DC</td>
<td>30</td>
<td>0.72</td>
</tr>
<tr>
<td></td>
<td>120AC</td>
<td>30</td>
<td>3.6</td>
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</table>

### CROSS REFERENCE

<table>
<thead>
<tr>
<th>FUNCTION</th>
<th>ADAMS RITE</th>
<th>DORMA</th>
<th>RIXSON</th>
<th>NORTON</th>
<th>YALE</th>
<th>SARGENT</th>
<th>CORBIN RUSSWIN</th>
<th>LCN</th>
</tr>
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<tbody>
<tr>
<td>Recessed Wall Mounted 2-5/8&quot; Total Proj</td>
<td>D-MDH-210</td>
<td>EM-F24120</td>
<td>FM-997</td>
<td>6934</td>
<td>5934</td>
<td>1560</td>
<td>MA 203 ME 242</td>
<td>SEM 7840</td>
</tr>
<tr>
<td>Recessed Wall Mounted 3-5/8&quot; Total Proj w/ 1&quot; extension</td>
<td>D-MDH-310</td>
<td>EM-F24120</td>
<td>FM-998</td>
<td>6933</td>
<td>5933</td>
<td>1560</td>
<td>MA 204 MA 244</td>
<td>SEM 7850</td>
</tr>
<tr>
<td>Surface Wall Mounted 4-5/8&quot; Total Proj</td>
<td>D-MDH-410</td>
<td>EM-S24120</td>
<td>FM-996</td>
<td>6935</td>
<td>5935</td>
<td>---</td>
<td>---</td>
<td>SEM 7830</td>
</tr>
<tr>
<td>Flush Wall Mounted 1-7/8&quot; Total Proj</td>
<td>D-MDH-113</td>
<td>EM-R24120</td>
<td>FM-990</td>
<td>6936</td>
<td>5936</td>
<td>1561</td>
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<td>---</td>
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<tr>
<td>1-18&quot; Total Proj</td>
<td>D-MDH-102</td>
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<td>FM-989</td>
<td>---</td>
<td>---</td>
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</tr>
</tbody>
</table>

### SPRAYED FINISHES

- **S1** - Aluminum
- **S2** - Brass
- **S3** - Bronze
- **S5** - To match US10B

*All models are universal voltage (12V DC, 24V AC/DC, 120AC)*
**MAGNETIC HOLDERS**

**HOLD OPEN MAGNET LOCATION**

- **TOP OF DOOR**
  - 3/4" from the top of the door

- **HINGE SIDE**
  - 5" from the hinge side
  - 5" from the latch edge

- **LATCHING EDGE**
  - 2-3/4" backset

**Hold Open Magnet Location**

- 14 Ga. Reinforcement Full Width

**For Information Call 800.872.3267 or Visit RITEDOOR.COM**
### Magnetic Holders

<table>
<thead>
<tr>
<th>HARDWARE MODEL</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-MDH</td>
<td>• Surface Applied Magnetic Holder</td>
<td>• 90</td>
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<table>
<thead>
<tr>
<th>MODEL FUNCTION</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>102</td>
<td>• 7/16&quot; Projection</td>
</tr>
<tr>
<td>113</td>
<td>• 1 - 13/16&quot; Projection</td>
</tr>
<tr>
<td>210</td>
<td>• 2 - 5/8&quot; Projection</td>
</tr>
<tr>
<td>310</td>
<td>• 3 - 5/8&quot; Projection</td>
</tr>
<tr>
<td>410</td>
<td>• 4 - 3/8&quot; Projection</td>
</tr>
<tr>
<td>510</td>
<td>• 4 - 1/8&quot; Projection</td>
</tr>
<tr>
<td>610</td>
<td>• 4&quot; Projection</td>
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<table>
<thead>
<tr>
<th>MODEL FUNCTION</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>• 1/2&quot; Extension</td>
</tr>
<tr>
<td>2</td>
<td>• 3/4&quot; Extension</td>
</tr>
<tr>
<td>3</td>
<td>• 1&quot; Extension</td>
</tr>
<tr>
<td>4*</td>
<td>• Armature Extension</td>
</tr>
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</table>

*Will be automatically when #1, #2 or #3 Extension is specified

<table>
<thead>
<tr>
<th>COLOR</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>689</td>
<td>• Sprayed Aluminum Enamel - Standard color supplied unless otherwise specified.</td>
</tr>
<tr>
<td>690</td>
<td>• Sprayed Dark Bronze</td>
</tr>
<tr>
<td>691</td>
<td>• Sprayed Light Bronze</td>
</tr>
<tr>
<td>693</td>
<td>• Sprayed Black</td>
</tr>
<tr>
<td>696</td>
<td>• Sprayed Brass</td>
</tr>
</tbody>
</table>
### HOW TO ORDER

**MAGNETIC HOLDERS**

<table>
<thead>
<tr>
<th>HOW TO ORDER</th>
<th>MAG HOLDER DETAIL</th>
<th>MODEL</th>
<th>PROJECTION</th>
<th>EXTENSION</th>
<th>COLOR</th>
<th>SHIP LOOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAG HOLDER</td>
<td>DMDH</td>
<td>310</td>
<td>689</td>
<td>*</td>
<td></td>
<td>* Item will always ship as a loose part</td>
</tr>
</tbody>
</table>

* Item will always ship as a loose part
KICK PLATES

Mop Plate
Up to 6” h x 48” w

Kick Plate
6” to 12”h x 48” w

Armor Plate
Up to 48” h x 48” w and available in most finishes

GENERAL INFORMATION

KICK PLATES

WIDTH OF PLATES

Push Side
• 2” less than door width. Pull Side: 1-1/2” less than door width.

NFPA 80 STANDARDS

2-4.5 Protection Plates
• Factory-installed protection plates shall be installed in accordance with the listing of the door. Field-installed protection plates shall be labeled and installed in accordance with their listing.

Exception: Labeling is not required where the top of the protection plate is not more than 16 in. (406 mm) above the bottom of the door.

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
D-KP METAL KICK PLATE
STANDARD DUTY
Metal Door Plate – Standard Duty No. D-KP-xxxxxxx-32D

SPECIFICATIONS

Material
• .050” aluminum, brass, bronze, stainless steel

Fastener
• #6x5/8” OH SMS

Ordering
• Specify height x width x finish code. Add any options.

Weight
• 8” x 34” = 4.0 lbs.

ANSI
• J101 – metal armor plate
• J102 – metal kick plate
• J103 – metal stretcher & mop plate

WIDTH OF PLATES

Push Side
• 2” less than door width. Pull Side: 1-1/2” less than door width.

NFPA 80 STANDARDS
• 2-4.5 Protection Plates: Factory-installed protection plates shall be installed in accordance with the listing of the door. Field-installed protection plates shall be labeled and installed in accordance with their listing.
  • Exception: Labeling is not required where the top of the protection plate is not more than 16 in. (406 mm) above the bottom of the door.

Options
• SA – self-adhesive mounting

AVAILABLE FINISHES

• Powder Coat
• 605 US 3 – Bright Brass
• 606 US4 – Satin Brass
• 612 US 10 – Satin Bronze
• 613 US10B – Dark Satin Bronze – Oil Rubbed
• 625 US 26 – Bright Chromium Plated
• 626 US26D – Satin Chromium Plated
• 628 US28 – Satin Aluminum
• 629 US32 – Bright Stainless Steel
• 630 US32D – Satin Stainless Steel
## Kick Plates

<table>
<thead>
<tr>
<th>Hardware Model</th>
<th>Description</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-KP</td>
<td>Adhesive Applied Kick Plate</td>
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<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 0 0 4 X 0 0 3 6</td>
<td>4 High x 36&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 0 4 X 0 0 4 2</td>
<td>4 High x 42&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 0 4 X 0 0 4 8</td>
<td>4 High x 48&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 0 8 X 0 0 3 6</td>
<td>8 High x 36&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 0 8 X 0 0 4 2</td>
<td>8 High x 42&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 0 8 X 0 0 4 8</td>
<td>8 High x 48&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 1 0 X 0 0 3 6</td>
<td>10 High x 36&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 1 0 X 0 0 4 2</td>
<td>10 High x 42&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 1 2 X 0 0 3 6</td>
<td>12 High x 36&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 1 2 X 0 0 4 2</td>
<td>12 High x 42&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 1 6 X 0 0 3 6</td>
<td>16 High x 36&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 1 6 X 0 0 4 2</td>
<td>16 High x 42&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 1 6 X 0 0 4 8</td>
<td>16 High x 48&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 2 4 X 0 0 3 6</td>
<td>24 High x 36&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 2 4 X 0 0 4 2</td>
<td>24 High x 42&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 2 4 X 0 0 4 8</td>
<td>24 High x 48&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 3 5 X 0 0 3 6</td>
<td>35 High x 36&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 3 5 X 0 0 4 2</td>
<td>35 High x 42&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 3 5 X 0 0 4 8</td>
<td>35 High x 48&quot; Wide Kick Plate</td>
</tr>
<tr>
<td>0 0 # # X 0 # #</td>
<td>Special Kick Plate Size - Size needs to be specified by Customer</td>
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</table>
### How to Order

<table>
<thead>
<tr>
<th>COLOR</th>
<th>DESCRIPTION</th>
<th>US CODE REFERENCE**</th>
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</thead>
<tbody>
<tr>
<td>605</td>
<td>• Bright Brass</td>
<td>• US3</td>
</tr>
<tr>
<td>606</td>
<td>• Satin Brass</td>
<td>• US4</td>
</tr>
<tr>
<td>612</td>
<td>• Santin Bronze</td>
<td>• US10</td>
</tr>
<tr>
<td>613</td>
<td>• Dark Satin Bronze - Oil Rubbed</td>
<td>• US10B</td>
</tr>
<tr>
<td>625</td>
<td>• Bright Chromium Plated</td>
<td>• US26</td>
</tr>
<tr>
<td>626</td>
<td>• Satin Chromium Plated</td>
<td>• US26D</td>
</tr>
<tr>
<td>628</td>
<td>• Satin Aluminum</td>
<td>• US28</td>
</tr>
<tr>
<td>629</td>
<td>• Bright Stainless Steel</td>
<td>• US32</td>
</tr>
<tr>
<td>630*</td>
<td>• Satin Stainless Steel</td>
<td>• US32D</td>
</tr>
<tr>
<td>PWD</td>
<td>• Powder Coat - Sample needs to be Provided by Customer</td>
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</tr>
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</table>

**NOTE:** All Kick Plates are Installed on the door unless otherwise specified.

*630 Satin Stainless Steel will be provided unless otherwise specified.

**Please do not use these codes when ordering - they are for reference only.

<table>
<thead>
<tr>
<th>KICK PLATE MODEL</th>
<th>SIZE</th>
<th>COLOR</th>
<th>INSTALL</th>
<th>SHIP LOOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-KP</td>
<td>0024X0048</td>
<td>630</td>
<td>*</td>
<td>**</td>
</tr>
</tbody>
</table>

* Item will always ship as a loose part

** Item is to ship as a loose part.
D-PS-1 POWER SUPPLY

One amp linear power supply with integrated battery backup circuitry for electric strikes, maglocks, and other access control devices.

FUNCTION
Provides filtered and regulated voltage output to power electric strikes, magnetic locks, or other access control devices. Output is selectable in the field for 12 or 24 VDC. Charging circuit is built in for battery backup power (batteries not included) with 12 or 24 VDC operation. LED on circuit board indicates power input.

SPECIFICATIONS
UL 294
INPUT POWER
• 110 VAC, 60 Hz, 0.5A
OUTPUT VOLTAGE
• Field-selectable 12 or 24 VDC, 1 Amp. (Maximum 13.8 VDC/27.6 VDC)
PRIMARY FUSE
• 800 mA, 5 x 20MM
BATTERY FUSE
• 2 Amps, 5 x 20MM
FIRE ALARM
• UL listed low current fire alarm disconnect requires only a minimum size fire alarm relay and wire gauge.
ENCLOSURE
• Hinged, steel cabinet measures 12-1/8” x 4” x 12-1/8”. Beige, baked enamel finish with knockouts for conduit and key lock. Sized to accommodate two sealed, lead acid batteries (4AH, not included).
OPTIONS
• 4612 Power Transfer Device available separately. Enclosure sized to accommodate two sealed, lead acid batteries (4 AH, not included).
RITE Door

POWER SUPPLY

D-PS-1

DIMENSIONS

- 12-1/8" (308mm)
- 8-3/4" (222mm)
- 4-1/8" (102mm)
- 1-1/2" (38mm)

LAYOUT & WIRING

- GRN (GND)
- BLK (HOT)
- WHT (NEU)
- Primary Fuse (800 mA, 5 x 20mm)
- Output Voltage Selection
- Battery Fuse (2 Amp, 5 x 20mm)
- Output (+)
- Output (-)
- Connected Spares
- Standby Battery Terminals

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
**OTHER OPERATION HARDWARE**

**RITE Door**

**POWER SUPPLY**

**PS-SE POWER SUPPLY**

Power supply with optional battery backup for all D3000 and D8000 Series exit devices with Silent Electrification Motorized Latch Retraction (SE) option.

**FUNCTION**

This power supply is required for the Silent Electrification Motorized Latch Retraction (SE) option on exit devices. It operates at 24 VDC to power up to two SE exit devices in sequential or independent modes. The PS-SE is also equipped with a fire alarm disconnect interface circuitry.

**OPERATING MODES**

The PS-SE is designed to power up to two D3000 or D8000 Series exit devices in the following operating modes:

- Sequential Mode – A single input switch (Dry Contact) operates two devices in sequential operation. Ideal for a double-door setup.
- Independent Mode – Each SE exit device is controlled by its own input switch.

**SPECIFICATIONS**

**UL1012 + UL1310**

**INPUT POWER**

- 115 VAC, 0.7A

**OUTPUT VOLTAGE**

- Field-selectable 12 or 24 VDC, 1 Amp.
  (Maximum 13.8 VDC/27.6 VDC)

**PRIMARY FUSE**

- The PS-SE has two user-serviceable fuses:
  - **F1**: Transformer output: 2AMPS/250V 5x20MM
  - **F2**: Transformer input: 2AMPS/250V 5x20MM

**OPEN HOLD TIMES**

- The PS-SE has two open hold timers.
  Hold open time settings are adjustable from 2-60 seconds.

**ENCLOSURE**

- Hinged, steel cabinet measures 10” x 10-3/8” x 4-1/8”. Black, baked enamel finish, with knockouts for conduit connections. Sized to accommodate two sealed, lead acid batteries (7AH, not included).

**OPTIONS**

- Battery Backup Kit (BBK-SE) available separately to add battery backup capability to the PS-SE. The enclosure is sized to accommodate two 12 volt – 7AH sealed, lead acid batteries (not included).

**Important Note**

- RITE Door requires that for optimal performance all exit devices with the SE option be paired with PS-SE power supplies. Failure to do so may cause permanent damage to the exit device and will void the Manufacturer’s warranty.

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
RITE Door

POWER SUPPLY

D-PS-SE

DIMENSIONS

LAYOUT & WIRING

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
## POWER SUPPLY

<table>
<thead>
<tr>
<th>HARDWARE MODEL</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-PS-1</td>
<td>One amp linear power supply with integrated battery back up circuitry.</td>
<td>Electric Dogging, Electrified Trim &amp; Electrified Lever x Lever only</td>
</tr>
<tr>
<td>D-PS-SE</td>
<td>Power supply with optional battery back with Silent Electrification motorized latch retraction</td>
<td>D3600 &amp; D3900 Exit Devices</td>
</tr>
</tbody>
</table>

**NOTE:** Power Supply is shipped loose. This is not installed in the door.
D4612 POWER TRANSFER DEVICE

The 4612 Power Transfer Device channels electrical wiring from the door frame into the door itself. This powers electric strikes, locks, exit bars, and more on doors hung with butt-type hinges.

FUNCTION
Provides a secure and unobtrusive means of channeling electrical wiring from the door frame into the door itself, for powering electric strikes, locks, exit bars, etc. Suitable for any door hung with butt-type hinges, including continuous or pivots offset 3/4" or less. (Not compatible with center-pivot doors.)

SPECIFICATIONS
UL 634

CONDUIT
- Spring steel helix has internal diameter of approximate 5/16". This provides ample room for multiple wires of the low voltage type used with most electrical hardware.

HOUSING
- Stamped steel, approximately 1/16" thick. Short (105° swing) version shown is 11-1/12" long. 180° version is 20-5/21" long. Chrome finish.

CASE-KNIFE GUARD
- Particularly for out-swinging doors, a steel barrier fence offers extra protection against attack on the conduit by knives, shims, or other tools. Completely hidden when door is closed.

OPTIONS
- Available for application in aluminum, hollow steel, or wood door and frames. Standard (short) version suits doors that swing up to 105°. A longer version is available for doors that open 180°. Swing Clear option is also available.

STANDARD PACKAGE
- Individually boxed with fasteners as required for each application type: wood, steel, or aluminum. Shipping weight approximately 1 lb.
DOOR AND FRAME PREP 105° SWING

- For wood frame, the rectangular cutout is 2" deep minimum.
- 4612 Power Transfer Device is designed to protect the wire. Care should also be taken when inserting wires through this device.
- Only stranded wires to be employed.
- Size and number of wires must comply with the National Electric Code, NFPA, and local authorizes having jurisdiction. Wire size shall be at least 22 gauge.
- This device is intended for low voltage use only (30 VAC, 42.5 VDC, 10 W max.).
- Wire should be labeled, appliance wiring material with minimum 1/32" thick insulation.
# Electric Power Transfer

<table>
<thead>
<tr>
<th>HARDWARE MODEL</th>
<th>DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>D4612</td>
<td>• Electric Power Transfer for Hollow Metal Doors, Frames and Wood Doors</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>COLOR</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>• 105° Degree of Opening</td>
</tr>
<tr>
<td>2</td>
<td>• 180° Degree of Opening</td>
</tr>
<tr>
<td>1SC</td>
<td>• For Use with Swing Clear Hinge Models</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HOW TO ORDER</th>
<th>ELECTRIC POWER TRANSFER MODEL</th>
<th>DEGREE</th>
<th>PREP</th>
<th>INSTALL</th>
<th>SHIP LOOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>D4612</td>
<td>1SC</td>
<td>*</td>
<td>**</td>
<td>***</td>
<td></td>
</tr>
</tbody>
</table>

* Door is to be prepped for the device  
** Door is to have the device installed  
*** Device is to shipped as a loose item
RITE Door

FLUSH BOLTS

AUTOMATIC FLUSH BOLT WITH BOTTOM FOR FIRE RATED METAL DOORS FIRE BOLT

SPECIFICATIONS

Material
- Brass, Stainless Steel

Fastener
- 10 ea. #8 x ¾ FH Combo Screws, 4 ea. Plastic Anchors

Features
- Non-handed
- Low (5 lbs. maximum) closing force
- Fully automatic; opening active door retracts top bolt
- Override features prevents damage to doors or bolt if bolt head is blocked from entering strike
- Bolt head rod is adjustable up to 1-1/2"
- For fire rated metal doors up to 4’w x 9’h with max rating of 180 minutes (3 hr)
- Thermal lock automatically locks the inactive door under high heat conditions due to fire
- Bottom fire bolt eliminates need for floor prep
- Oversize fire bolt strike hold allows for slight door misalignment
- UL listed

Top Bolt Size
- 1” x 6-3/4”

Bottom Bolt Size
- 13/16” dia.

Weight
- 1.3 lbs.

Finishes
- 605 US3 – Bright Brass
- 606 US4 – Satin Brass
- 612 US10 – Satin Bronze
- 613 US10B – Dark Satin Bronze – Oil Rubbed
- 625 US26 – Bright Chromium Plated
- 626 US26D – Satin Chromium Plated
- 628 US28 – Satin Aluminum
- 629 US32 – Bright Stainless Steel
- 630 US32D – Satin Stainless Steel

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
RITE Door

FLUSH BOLTS

AUTOMATIC FLUSH BOLT WITH BOTTOM FOR
FIRE RATED WOOD DOORS FIRE BOLT

SPECIFICATIONS

Material
- Brass, Stainless Steel

Fastener
- 8 ea. #8 x ¾ FH Combo Screws, 2 ea. Plastic Anchors; 3 ea. #10 x 1 FH WS

Features
- Non-handed
- Low (5 lbs. maximum) closing force
- Fully automatic; opening active door retracts top bolt
- Override features prevents damage to doors or bolt if bolt head is blocked from entering strike
- Bolt head rod is adjustable up to 1/2"
- For fire rated UL listed 20-minute wood core and composite doors up to 4’w x 9’h
- Thermal lock automatically locks the inactive door under high heat conditions due to fire
- Bottom fire bolt eliminates need for floor prep
- Oversize fire bolt strike hold allows for slight door misalignment
- UL listed

Top Bolt Size
- 1” x 8-1/2”

Bottom Bolt Size
- 13/16” dia.

Weight
- 1.6 lbs.

Finishes
- 605 US3 – Bright Brass
- 606 US4 – Satin Brass
- 612 US10 – Satin Bronze
- 613 US10B – Dark Satin Bronze – Oil Rubbed
- 625 US26 – Bright Chromium Plated
- 626 US26D – Satin Chromium Plated
- 628 US28 – Satin Aluminum
- 629 US32 – Bright Stainless Steel
- 630 US32D – Satin Stainless Steel

FOR INFORMATION CALL 800.872.3267
OR VISIT RITEDOOR.COM
### RITE Door

#### HOW TO ORDER

<table>
<thead>
<tr>
<th>HARDWARE MODEL</th>
<th>DESCRIPTION</th>
<th>AVAILABILITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>D3621–</td>
<td>Top Only - Extension Style Automatic Flushbolt with Fire Pin</td>
<td>Metal Door Only</td>
</tr>
<tr>
<td>D3921–</td>
<td>Top Only - Corner Mount Automatic Flushbolt with Fire Pin</td>
<td>Wood Door Only</td>
</tr>
</tbody>
</table>

<table>
<thead>
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<th>DESCRIPTION</th>
<th>US CODE REFERENCE**</th>
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