

# WHY CHOOSE RITE DOOR

↑ **23** Intensive Care Unit  
Patient Rooms 2301-2330



## THE RITE DOOR'S HARDWARE IS PRE-INSTALLED

- Reduces field installation time and labor cost
- Eliminates fire inspection problems
- Aligns and operates perfectly



# WHY CHOOSE RITE DOOR

## VERSATILITY & PRACTICALITY

- Blends in for clean lines, or makes a design statement
- Comes with designated pre-installed hardware, ready for installation into the frame
- Complies with ADA, Life Safety & Fire Codes
- Exceeds ANSI/BHMA A156.32 Integrated Door Opening Assemblies – Grade 1 standards
- Meets or exceeds security and positive pressure tests
- Fire ratings up to 3 hours for metal doors and up to 90 minute for TRUE Wood doors
- No maintenance service contract needed



# COMMERCIAL & INDUSTRIAL

## CHOOSE THE RITE DOOR

Wide range of finishes and option give you the freedom to design doors that complement any architecture.

- High performance modular door system
- Features pre-installed components, low-profile operating hardware and sophisticated designer looks

# COMMERCIAL & INDUSTRIAL



## OFFICE BUILDINGS, LABS, WAREHOUSES, COMPUTER ROOMS, CLEAN ROOMS

- Cross Corridor Doors
- Smoke Doors
- Stairwell Doors
- Elevator Lobby
- Doors with Automatic Operators
- Doors with Access Control

### Meets Codes For

- Clear Opening Width
- Fire Labels
- Smoke Control
- Positive Pressure
- Temperature Rise

### Partial Project List

- Olympia City Hall, Olympia, WA
- Bloomberg Headquarters, New York City, NY
- Disney Riverside Office Building, Burbank, CA
- El Captain Office Tower, Hollywood, CA
- 3M Customer Service Center, Austin, TX
- Fidelity,vestments, San Francisco, CA
- Hines Denver Tech Center, Denver, CO
- Sears, Roebuck & Co., Boise, ID
- H & R Block Data Center, Kansas City, MO
- Nike World Campus, Beaverton, OR
- Bank of America Tower, Columbia, MO
- Bayer Pharmacy, Berkley, CA
- Oakley Headquarters, Foothill Ranch, CA
- Novus-UCLA West Lab, Los Angeles, CA
- Novartis Pharmaceuticals, San Diego, CA
- Charles Schwab, San Francisco, CA



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# HOTEL & ENTERTAINMENT

## WHY THE RITE DOOR?

The RITE Door is code compliant, has designated factory installed hardware and comes ready to install.

It's beautifully versatile and blends in for clean lines, or can make a design statement.

The RITE Door's hardware is pre-installed:

- Reduced field installation time and labor cost



## HOTEL &amp; ENTERTAINMENT


**BALL ROOMS, MEETING ROOMS,  
ROOM DOORS, CONVENTION CENTER,  
MOVIE THEATERS, STADIUMS,  
SHOPPING CENTERS, RESTAURANTS**

- Cross Corridor Doors
- Smoke Doors
- Stairwell Doors
- Elevator Lobby
- Doors with Automatic Operators
- Doors with Access Control



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

**Meets Codes For**

- Clear Opening Width (ADA)
- Fire Labels
- Smoke Control
- Positive Pressure
- Temperature Rise
- Egress Doors
- Encroachment
- Fire & Life Safety

**Partial Project List**

- Michael Jackson ONE Theater at Mandalay Bay, Las Vegas, NV
- Arizona Science Center, Phoenix, AZ
- Hilton Riverside, New Orleans, LA
- Del Mar Marriott, San Diego, CA
- Aquarium of the Pacific, Long Beach, CA
- Marriott Sea View, San Diego, CA
- Cornerstone Baptist Church, San Francisco, CA
- Mount Vernon Country Club, Golden, CO
- IMAX Theatre - Palisades Center, West Nyack, NY
- Good Shepherd Catholic Church, Kansas City, MD
- LDS Temple, Fresno, CA
- J. W. Marriott, Indianapolis, IN
- Lombardo's Restaurant, Arnold, MO
- Prairie Knights Casino and Resort, Fort Yates, ND
- Amway Center, Orlando, FL
- LDS Temple, Medford, OR
- Hard Rock Cafe, Saipan, Phillipines
- Underwater World, Guam
- LDS Temple, Oklahoma City, OK
- Wildhorse Casino and Resort, Pendleton, OR
- Napa Valley Opera House, Napa, CA
- Exploration Place and Museum, Wichita, KS
- Columbia Mall, Columbia, TN
- AMC Empire Theater-25 Plex, New York, NY
- Hard Rock Cafe, the Phillipines
- Marriott Desert Ridge Resort, Scottsdale, AZ



# EDUCATIONAL

## HIGH PERFORMANCE PACKAGE THAT'S BEAUTIFUL ON THE OUTSIDE, PRACTICAL ON THE INSIDE

### The Inside

- All designated door hardware is pre-installed at our factory for easier installation, reliable operation and reduced maintenance

### The Outside

- Wide range of colors, finishes and options
- The RITE Door can be installed to pocket into walls, creating a seamless look in entryways, exits and corridors



# EDUCATIONAL



## SCHOOLS, GYMNASIUMS, LIBRARIES, UNIVERSITIES, DORMITORIES, HOUSES OF WORSHIP

- Cross Corridor Doors
- Smoke Doors
- Stairwell Doors
- Elevator Lobby
- Doors with Automatic Operators
- Doors with Access Control



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

### Meets Codes For

- Clear Opening Width (ADA)
- Fire Labels
- Smoke Control
- Positive Pressure
- Temperature Rise
- Fire & Life Safety
- Egress Doors
- Encroachment

### Partial Project List

- Chandler Middle School Gym, Pasadena, CA
- University of Oklahoma Price School of Business, Norman, OK
- Harvard University - Spangler Center, Boston, MA
- Rockhurst High School, Kansas City, MO
- University of Nebraska - Lincoln Foundation Gallery, Lincoln, NE
- University of Tennessee - Memphis, Memphis, TN
- Castleberry High School, Houston, TX
- University of Phoenix, Salt Lake City, UT
- L. B. Landry High School, New Orleans, LA
- John Hopkins University, Baltimore, MA
- Clark Montessori, Cincinnati, OH
- Duke University, Durham, NC
- Western Michigan University - Brown Hall, Kalamazoo, MI
- Hopkins Public Schools, Hopkins, MN
- Cypress Springs High School, Cypress, TX
- Ridley Middle School, Ridley Park, PA
- Northridge High School, Johnstown, OH
- Lawndale Elementary School, Tupelo, MS
- University of Delaware - Wolf Hall, Newark, DE
- Canyon View Elementary, Irvine, CA
- University of Alabama, Birmingham, AL
- University of California San Diego, La Jolla, CA
- UC Davis, Sacramento, CA
- DePaul University Residence Hall, Chicago, IL
- Harvard University Spangler Center, Boston, MA
- University of Texas ACES Hall, Austin, TX



# HEALTHCARE FACILITIES

## IMAGINE THE ADVANTAGES

- Fire Doors that can hold up to high traffic application
- Integrates all hardware into one long-lasting, high-performance door system
- Top rod only exit device uses a low-profile panic bar, recessed into the door, to greatly reduce wear and abuse

## HEALTHCARE FACILITIES

HOSPITALS, NURSING HOMES,  
MEDICAL OFFICES

- Smoke Barriers
- Patient Rooms
- Emergency Room
- Operating Rooms
- Waiting Room
- Pharmacy
- Elevator
- Security Doors
- X-ray/Cath Labs



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## Meets Codes For

- Clear Opening Width (ADA)
- Fire Labels
- Smoke Control
- Positive Pressure
- Temperature Rise

## Partial Project List

- Arkansas Children's Hospital, Little Rock, AR
- University of Alabama Medical Center, Birmingham, LA
- DeKalb Medical Center, Atlanta, CA
- Jackson Memorial Hospital, Miami, FL
- Queens Medical Center, Honolulu, HI
- Sunrise Assisted Living, Mission Viego, CA
- Huntington Memorial Hospital, Pasadena, CA
- Queen of the Valley Hospital, West Covina, CA
- Harbor UCLA Medical Center, Torrance, CA
- Pima County Hospital, Tucson, AZ
- Rady Children's Hospital, San Diego, CA
- California Veterans Home, Fresno, CA
- Boca Raton Community Hospital, Boca Raton, FL
- Duke Cancer Center, Durham, NC
- Seattle Children's Hospital, Seattle, WA
- St. Joseph's Hospital, Phoenix, AZ
- Kaiser Hospitals in multiple locations
- Hoag Hospital, Newport Beach, CA
- Carolina Medical Center, Charlotte, NC
- McKennon Hospital, Sioux Falls, SD
- Children's Hospital, Oakland, CA
- Saint Joseph's Hospital, London, Ontario, Canada
- Windsor Regional Hospital, Windsor, Ontario, Canada
- VA Medical Center, San Francisco, CA
- University of Maryland Medical Center, Baltimore, MD
- St. Jude's Children's Hospital, Memphis, TN
- Cancer Research Center, San Antonio, TX

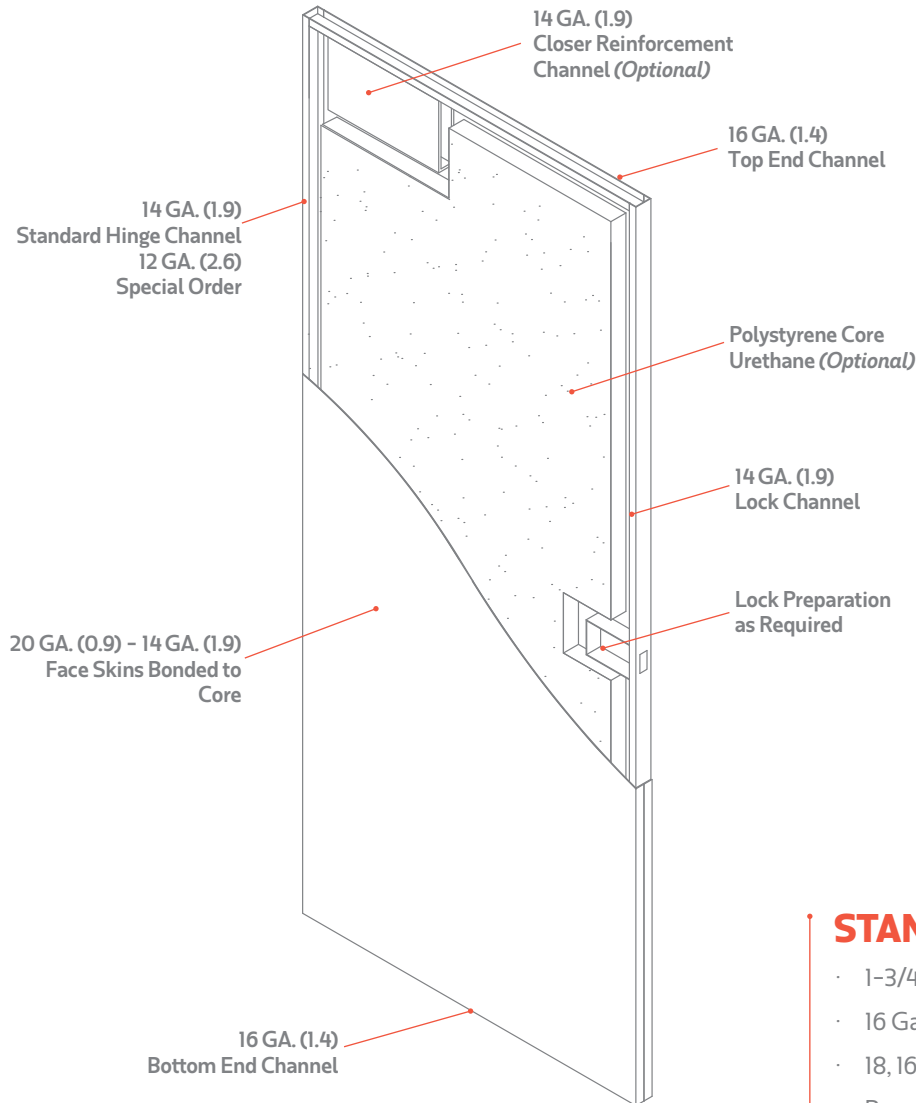


METAL DOOR

THE RITE  
DOOR

# SERIES & CONSTRUCTION

## 370 POLYSTYRENE CORE



### STANDARD FEATURES

- 1-3/4" Thick
- 16 Gauge Top and Bottom Channels
- 18, 16, or 14 Gauge Face Skins
- Rugged Perimeter Channel Construction
- Sizes from 2'0" x 6'8" to 4'3" x 10'0"
- Versatile and Dependable

#### Core

Insulated Polystyrene Core

#### Fire Rating

Up to 180 Minutes (3 Hr)

#### Finish

See Available Colors



ASSA ABLOY

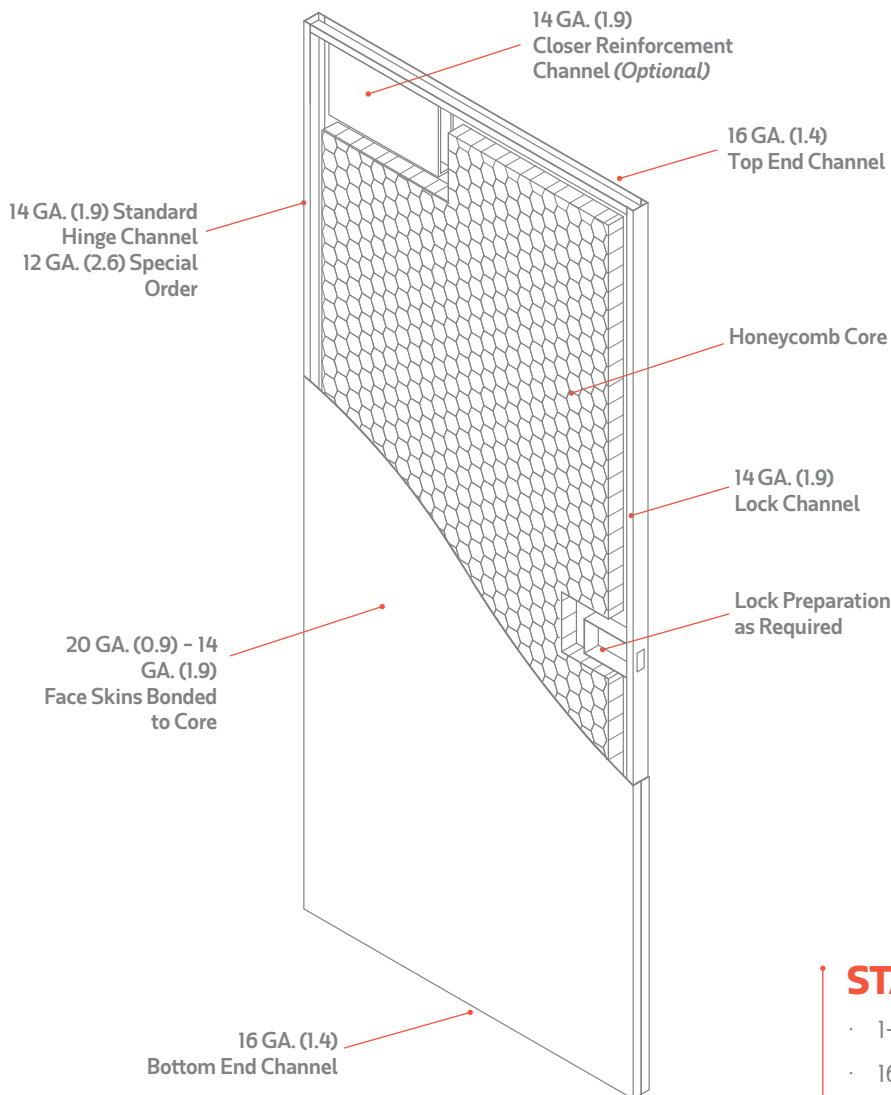
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

METAL DOOR

THE RITE DOOR

# SERIES & CONSTRUCTION

## 370 SERIES – HONEYCOMB CORE



AVAILABLE IN 1-3/4" THICKNESS ONLY  
WHI LABEL AUTHORITY ONLY

### STANDARD FEATURES

- 1-3/4" Thick
- 16 Gauge Top and Bottom Channels
- 18, 16, or 14 Gauge Face Skins
- Rugged Perimeter Channel Construction
- Sizes from 2'0" x 6'8" to 4'3" x 10'0"
- Versatile and Dependable

**Core**  
Honeycomb Core

**Fire Rating**  
Up to 180 Minutes (3 Hr)

**Finish**  
See Available Colors

 **Adams Rite**  
**ASSA ABLOY**

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

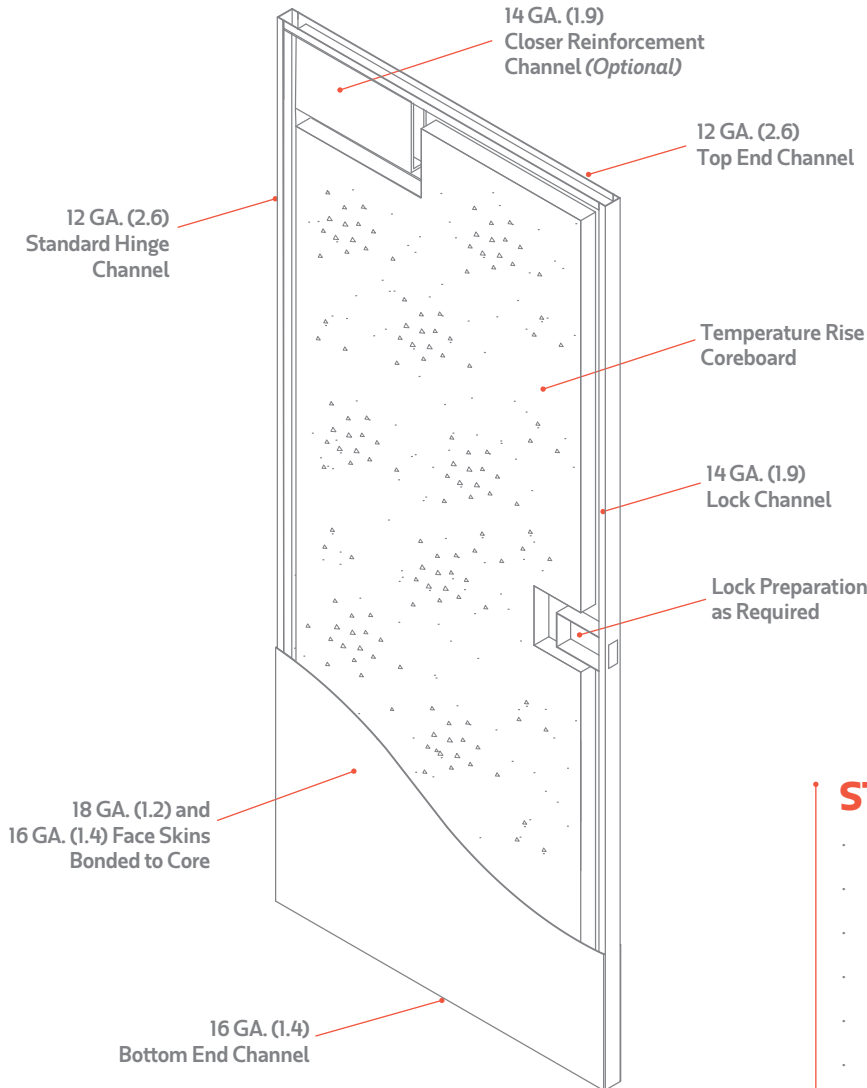


METAL DOOR

THE RITE DOOR

# SERIES & CONSTRUCTION

## 372 SERIES – TEMPERATURE RISE



250° Temperature Rise Rating  
450° Temperature Rise Rating

### STANDARD FEATURES

- Temperature Rise Rate (250° or 450°)
- Insulated
- 1-3/4" Thick
- 12 Gauge Top Channel
- 16 Gauge Bottom Channel
- Mineral Fire Door Core
- 18 or 16 Gauge Face Skins
- Sizes from 2'0" x 6'8" to 4'0" x 8'0"
- Rugged Perimeter Channel Construction

#### Core

Temperature Rise Coreboard

#### Fire Rating

Up to 180 Minutes (3 Hr)

#### Finish

See Available Colors



ASSA ABLOY

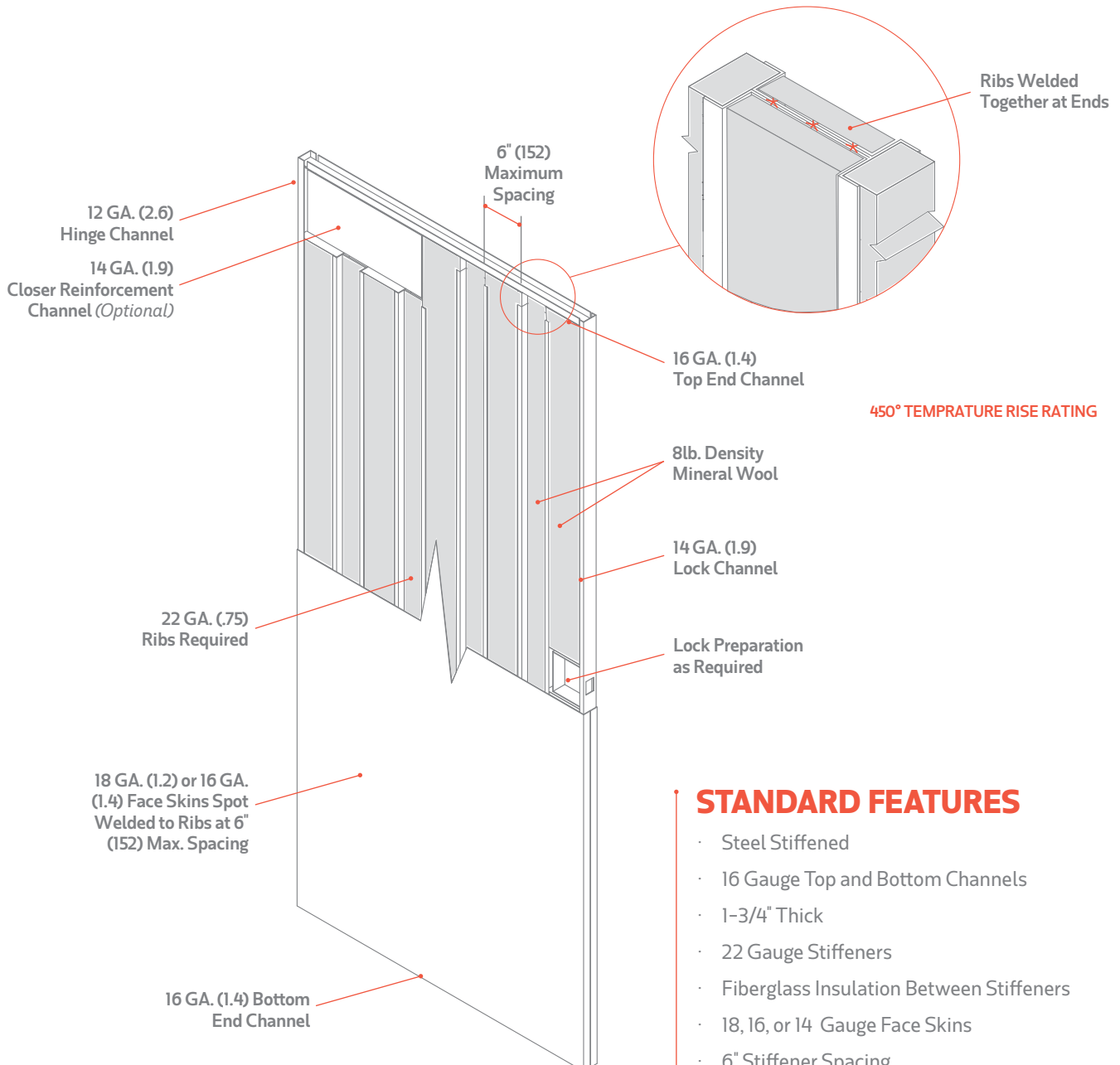
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

METAL DOOR

THE RITE DOOR

# SERIES & CONSTRUCTION

## 374 SERIES – STEEL STIFFENED



### STANDARD FEATURES

- Steel Stiffened
- 16 Gauge Top and Bottom Channels
- 1-3/4" Thick
- 22 Gauge Stiffeners
- Fiberglass Insulation Between Stiffeners
- 18, 16, or 14 Gauge Face Skins
- 6" Stiffener Spacing
- Sizes from 2'0" x 6'8" to 5'0" x 10'0"
- Rugged Perimeter Channel Construction

#### Core

Steel Stiffened 8lb. Density Mineral Wool

#### Fire Rating

Up to 180 Minutes (3 Hr)



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

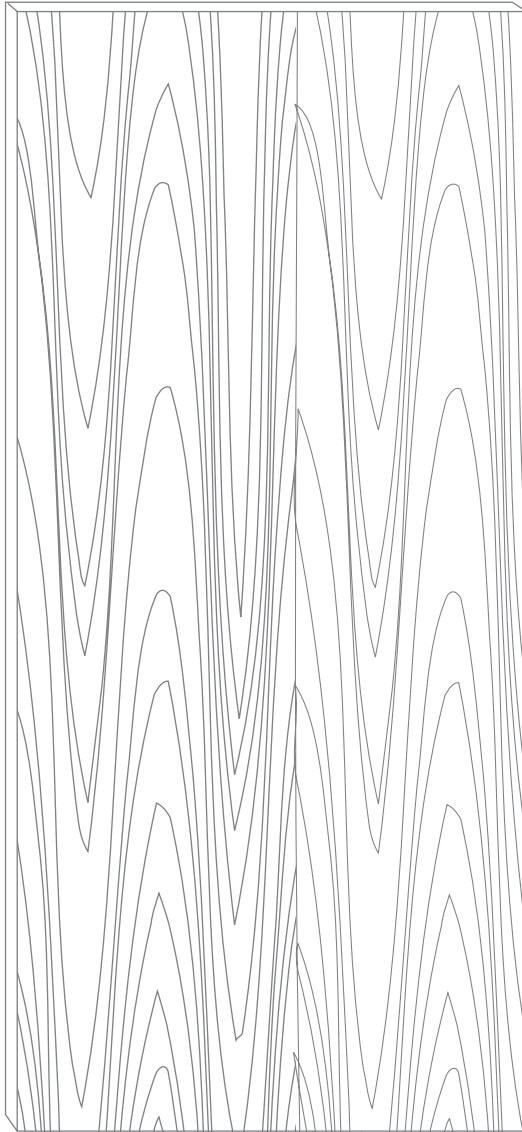


METAL DOOR

THE RITE  
DOOR

# SERIES & CONSTRUCTION

RITE DOOR CURRIStain



## STANDARD FEATURES

- Steel code – A118 (1.1) or 16 (1.3) gauge galvanized steel with .005" deep oak wood grain embossment
- Available 370 or 372 series "S" edge seam only
- 4'0" x 9'0" (1219 x 2743.2) max door size for 370
- 4'0" x 8'0" (1219 x 2438.4) max door size for 372
- Type 1 and Type 2 window kits available

### Max Rating

Up to 180 Minutes (3 Hr)

### CURRIStain Finish Colors

Cabernet, Cashew, Cocoa, Java, Natural, Wheat

### Custom Color Match

Check factory for pricing, subject to availability

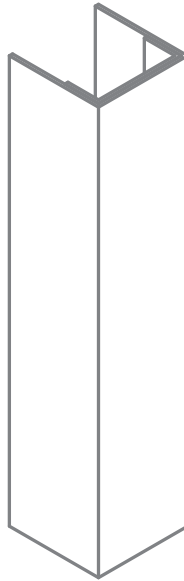
 Adams  
Rite

ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

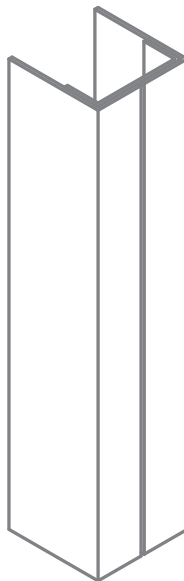
# EDGE CONSTRUCTION

## EDGE SEAM TYPES



### FILLED FLUSH EDGE SEAM TYPE “N” STANDARD

- Skins are spot welded to hinge and lock channels
- Spot weld seams at stress points and between each “S” weld location
- All welds and seams are filled ground smooth



### VISIBLE EDGE SEAM TYPES “S” OPTIONAL

- Skins are spot welded to hinge and lock channels
- Spot welds are filled and ground smooth



# LABEL & RATING OPTIONS

## FIRE LABELING GUIDELINES

### DOOR – 16 GA. OR 18 GA. HONEYCOMB CORE CONSTRUCTION

**Notes**

- HPL/CURRIStain is available with 370 Honeycomb Core
- CURRIStain is only available with an “S” edge
- CURRIStain maximum available size: width = 4’0” height = 9’0”

APPLICATION	370 MAXIMUM SIZE	HOURLY RATING
Single Door	4’0” wide x 8’0” high	Up to 3 hour
	4’3” wide x 9’0” high	Up to 1-1/2 hour
Pair	8’0” wide x 8’0” high	Up to 3 hour
	8’6” wide x 9’0” high	Up to 1-1/2 hour
Double Egress	8’0” wide x 8’0” high	Up to 3 hour
	8’6” wide x 9’0” high	Up to 1-1/2 hour

### DOOR – 16 GA. OR 18 POLYSTYRENE CORE CONSTRUCTION

**Notes**

- CURRIStain is available with 370 Polystyrene Core
- HPL is available only with 370 Polystyrene Core, Non-Rated

APPLICATION	370 MAXIMUM SIZE	HOURLY RATING
Single Door	4’0” wide x 8’0” high	Up to 3 hour
Pair	8’0” wide x 8’0” high	Up to 3 hour
Double Egress	8’0” wide x 8’0” high	Up to 3 hour



FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

### FIRE LABELING GUIDELINES BY MANUFACTURER

Positive Pressure Category “A”  
 As tested by Intertek Testing Services (Warnock Hersey)  
 As of 01/01/2011

# LABEL & RATING OPTIONS

## FIRE LABELING GUIDELINES

### DOOR – 16 GA. OR 18 GA. TEMPERATURE RISE CORE CONSTRUCTION (250° & 450°)

**Notes**

- A 60 minute fire label for Temperature Rise Core doors is not available
- HPL is not available with Temperature Rise Core Construction
- CURRIStain is available with the 372 Temperature Rise Core
- CURRIStain is only available with an “S” edge
- NO astragal is required on pairs or double egress door openings up to and including 3 hours on Models 370 and 347 doors. No astragal is required on pairs or double egress door openings up to and including 1-1/2 hours on Model 372 doors.

APPLICATION	372 MAXIMUM SIZE	HOURLY RATING
Single Door	4'0" wide x 8'0" high	45, 90, & 3 hour
Pair	8'0" wide x 8'0" high	45, 90, & 3 hour
Double Egress	8'0" wide x 8'0" high	45, 90, & 3 hour

### DOOR – 16 GA. OR 18 GA. STEEL STIFFENED CORE CONSTRUCTION

**Notes**

- HPL available only with 14 gage skins at a 35% add (optional) standard colors only.

*\*Oversized doors available. Contact factory for options.*

APPLICATION	372 MAXIMUM SIZE	HOURLY RATING
Single Door	4'0" wide x 10'0" high	Up to 3 hour
	4'3" wide x 10'0" high	Up to 1-1/2 hour
Pair	8'0" wide x 10'0" high	Up to 3 hour
	8'6" wide x 10'0" high	Up to 1-1/2 hour
Double Egress	8'0" wide x 10'0" high	Up to 3 hour
	8'6" wide x 10'0" high	Up to 1-1/2 hour



FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

### FIRE LABELING GUIDELINES BY MANUFACTURER

**Positive Pressure Category “A”**  
 As tested by Intertek Testing Services (Warnock Hersey)  
 As of 01/01/2011



# LABEL & RATING OPTIONS

## FIRE LABELING GUIDELINES

### DOOR - 16 GA. OR 18 GA. TEMPERATURE RISE/STEEL STIFFENED CONSTRUCTION (450°)

**Notes**

- A 60 minutes fire label for Temperature Rise Core doors is not available.
- No astragal is required on pairs or double egress door openings up to and including 3 hours on Models 370 and 374 doors.

*\*Oversized doors available. Contact factory for options.*

APPLICATION	374 MAXIMUM SIZE	HOURLY RATING
Single Door	4'0" wide x 10'0" high	45, 90, & 3 hour
	4'3" wide x 10'0" high	45 min. & 1-1/2 hour
Pair	8'0" wide x 10'0" high	45, 90, & 3 hour
	8'6" wide x 10'0" high	45 min. & 1-1/2 hour
Double Egress	8'0" wide x 10'0" high	45, 90, & 3 hour



FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

### FIRE LABELING GUIDELINES BY MANUFACTURER

**Positive Pressure Category "A"**  
 As tested by Intertek Testing Services (Warnock Hersey)  
 As of 01/01/2011

METAL DOOR

THE RITE  
DOOR

# STEEL TYPE & GAUGE

AVAILABLE STEEL TYPE  
AND GAUGES



### Cold Rolled Steel (CR)

18 GA, 16 GA, 14 GA

### Galvanized A60 - Standard

18 GA, 16 GA, 14 GA

### Stainless Steel (304 #4 Satin Finish)

18 GA, 16 GA, 14 GA

### CURRIStain (Specify Color) - Deep Oak Wood Grain Embossment

18 GA, 16 GA

### High Pressure Laminate (Need to Specify Wilson Art, Pionite or Nevermar)

18 GA, 16 GA, 14 GA\*

*\*If doors are Steel Stiffened Core with HPL Face  
Material the gauge of the door needs to be 14 GA.*



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

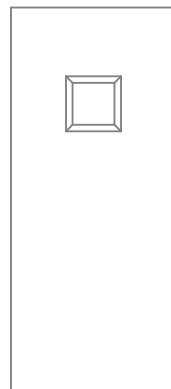


# FACE TYPE

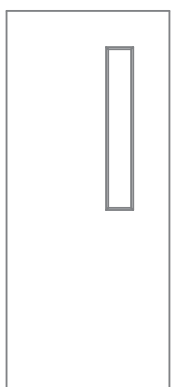
## DOOR FACE TYPES



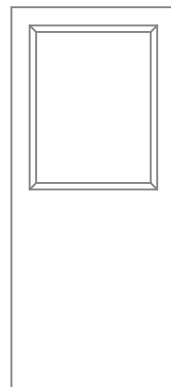
**F**  
**FLUSH**



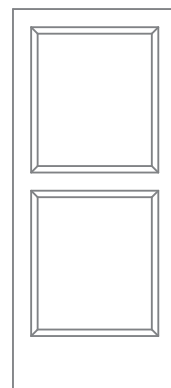
**FV**  
**VISION LITE**



**FNV**  
**NARROW**  
**VISION LITE**



**HG**  
**HG LITE**

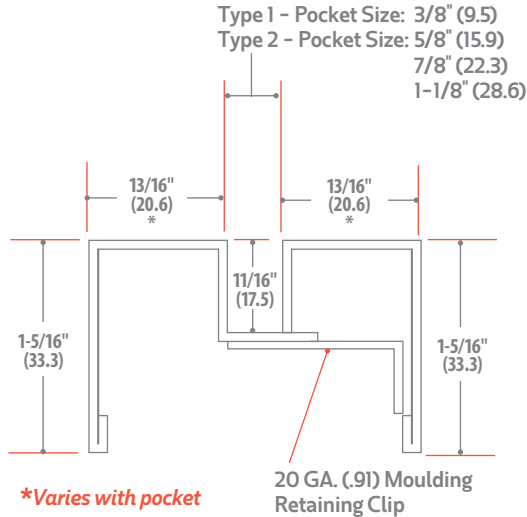


**FG2**  
**FULL GLASS**  
**LITE WITH**  
**INTERMEDIATE**  
**RAIL**

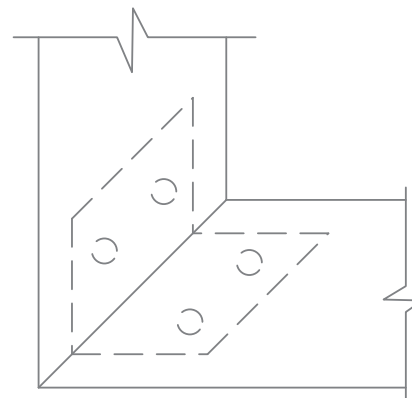
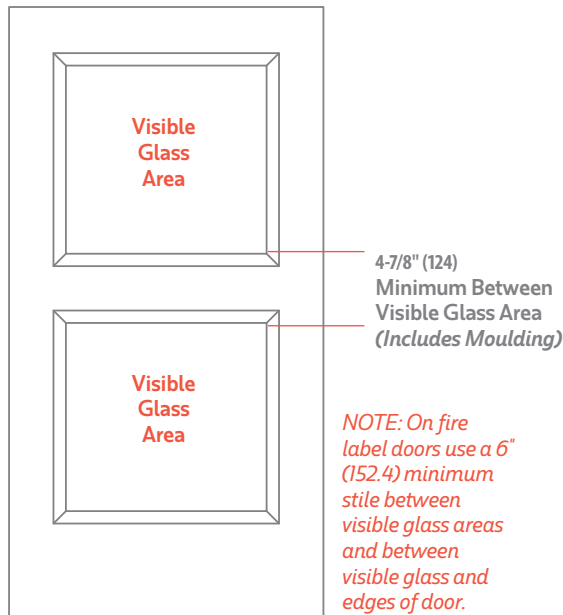
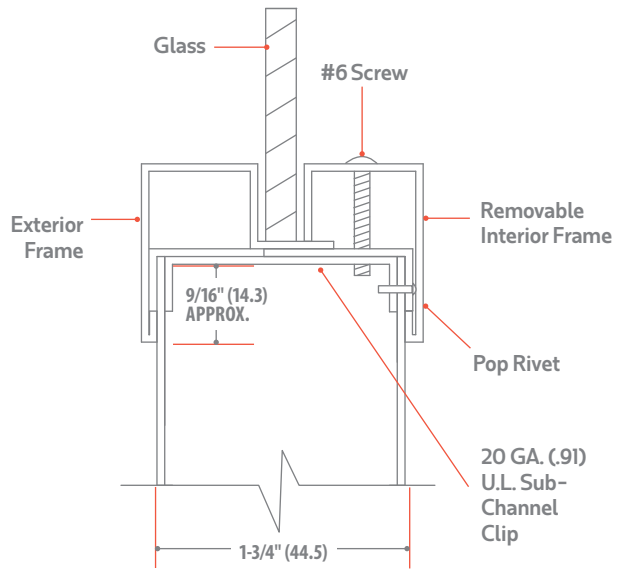
FACE TYPE

DOOR VISION KIT (STANDARD)

TYPES 1 & 2



NOTE: Please note when kits should be used on 14 gauge doors.

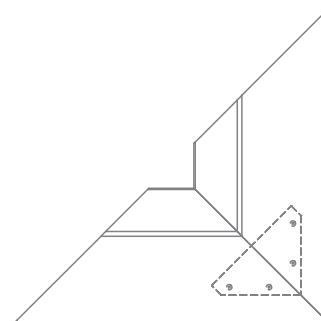
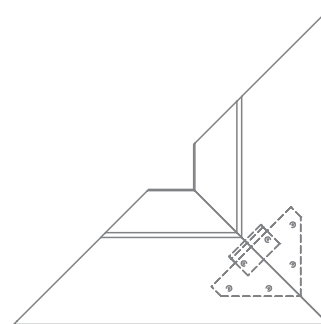
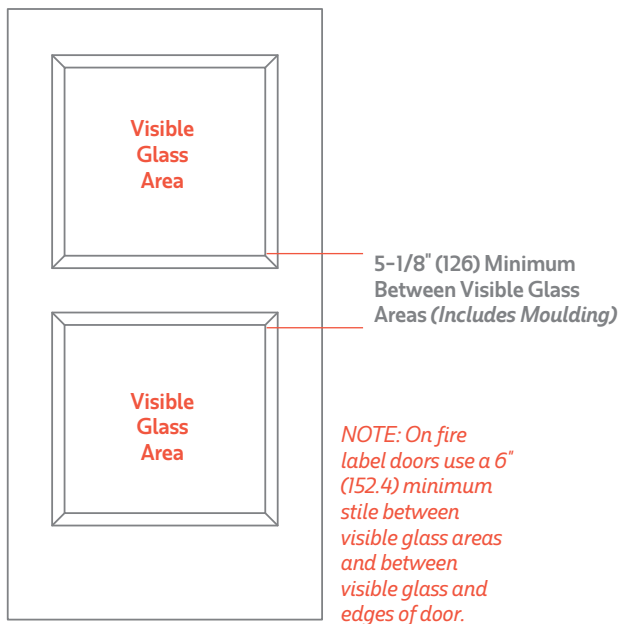
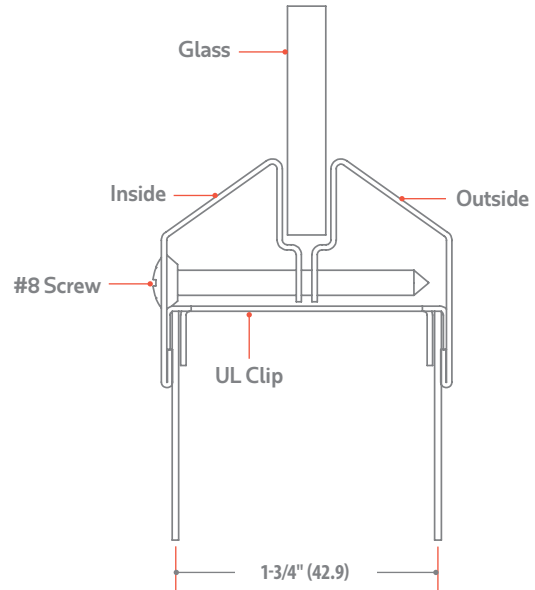
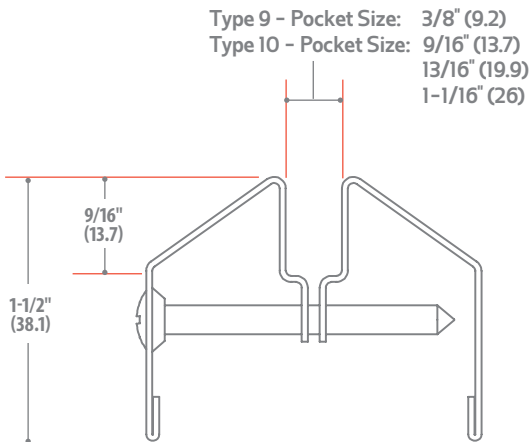


Corner Detail with Corner Clip Welded In

# FACE TYPE

## DOOR VISION KIT (STANDARD)

### TYPES 9 & 10 WINDOW MOULDING

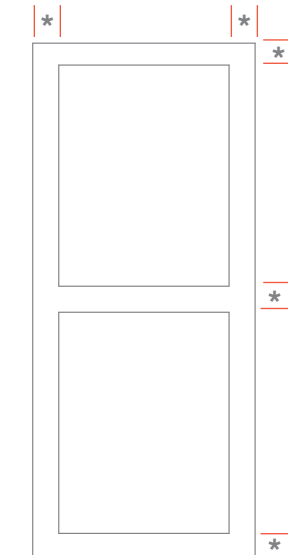
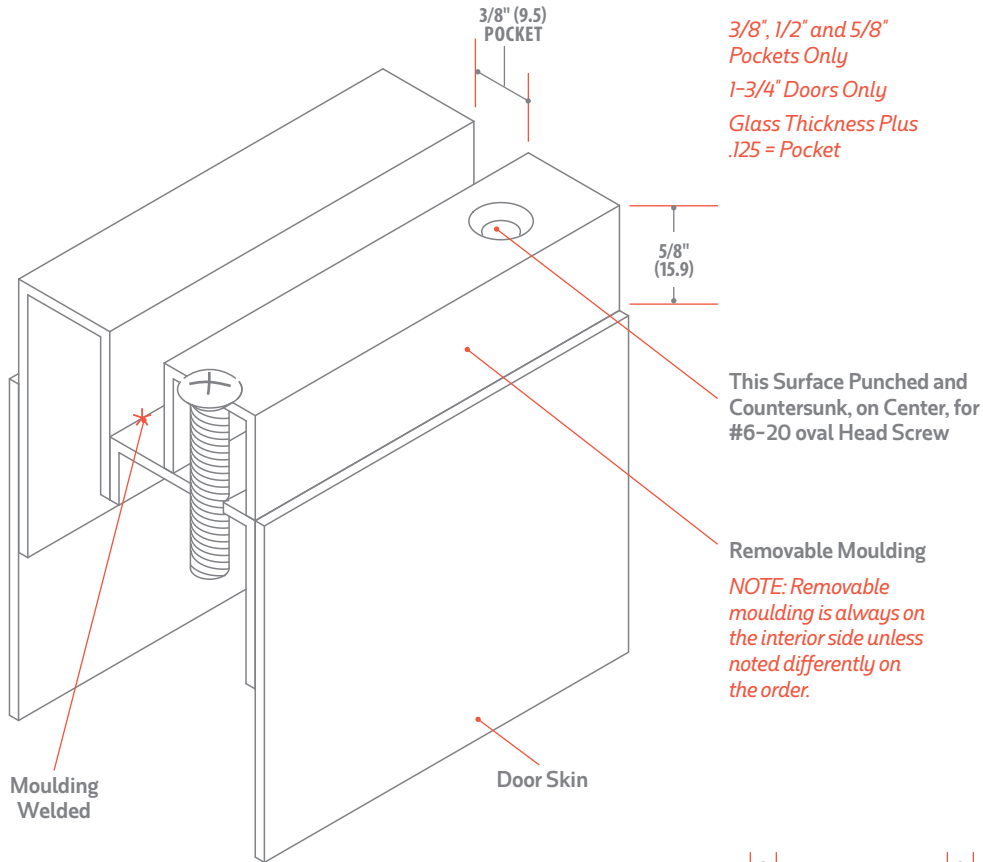




# FACE TYPE

# CONCEALED GLASS MOULDING

## TYPE 3 CONCEALED GLASS MOULDING

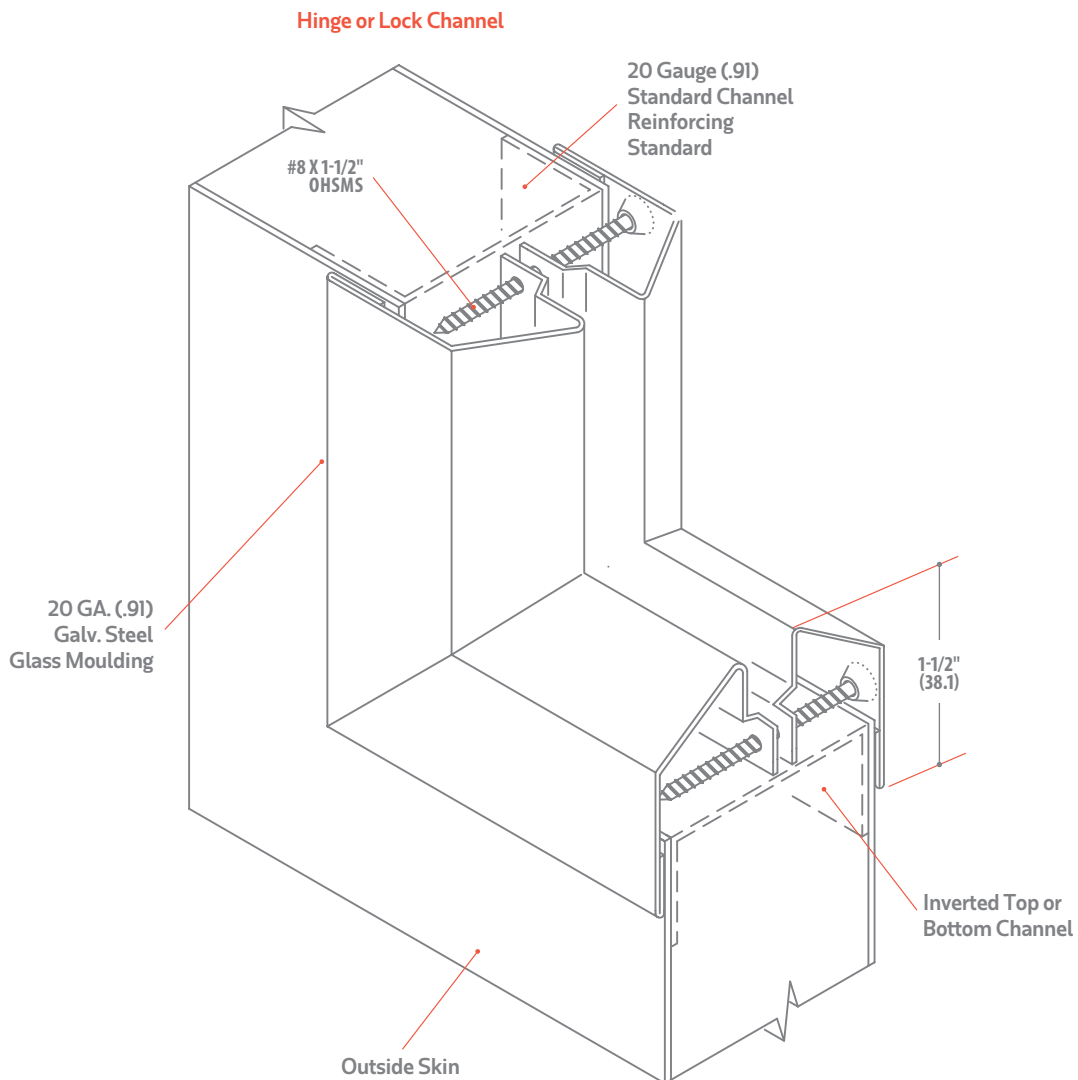


\* 3-1/8" (79.3) minimum stile and rail available with type 3 moulding. "No Fire Listing," limited hardware.

# FACE TYPE

## CUT AWAY VIEW FG MOULDING

### TYPE 9 & 10 WINDOW MOULDING



# FACE TYPE

## FACTORY INSTALLED GLASS

### 1/4" TEMPERED GLASS (FIG01) AND (FIG01E)

**Glass Description**  
1/4" Clear Tempered Glass

**Quality Rating**  
Q3, ASTM C1036-06

**Thickness**  
1/4" Nominal

**Warranty**  
1 Year Limited

**Includes**  
PVC Closed Cell Foam Glazing Tape  
Exterior Doors will have Duo-Sil for Cap Bead

**Impact Safety Rating**  
CAT I, CAT II, CPSC 16CFR1201

Glass is marked in accordance with international building code section 2406. Available on 370 and 374 doors cannot be used on fire rated doors.

### 1/4" FILMED WIRE GLASS (FIG02) AND (FIG02E)

**Glass Description**  
1/4" Film Wire, Fire and Impact Safety Rated Glass

**Quality Rating**  
Q3, ASTM C1036-06

**Thickness**  
1/4" Nominal

**Warranty**  
1 Year Limited

**Includes**  
PVC Closed Cell Foam Glazing Tape or Pemko FG 300090 or 300045 as Required, Exterior Doors will have Duo-Sil for Cap Bead

**Impact Safety Rating**  
CAT I, CAT II, CPSC 16CFR1201 and ANSI 297.2  
Available on 370, 372 and 374 doors.

**Fire Listings**  
UL and Intertek / Warnock-Hershey approved, positive pressure. Glass is marked in accordance with International Building Code Section 715.4.6 and 2406

RATING	MAX EXPOSED AREA	MAX WIDTH	MAX HEIGHT	DOOR SERIES
20 and 45	1296 Sq. In.	36"	54"	370, 374
45 TR*	100 Sq. In.	12"	33"	372, 374-TR*
60	100 Sq. In.	12"	33"	370, 372, 374, 374-TR*
90	100 Sq. In.	12"	33"	370, 372, 744, 374-TR*
20 and 45	1296 Sq. In.	34"	84"	370, 374
<b>PEMKO FG 300090</b>				
60	552 Sq. In.	12"	46"	370, 374
90	552 Sq. In.	12"	46"	370, 374



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# FACE TYPE

## FACTORY INSTALLED GLASS

### PYRAN® PLATINUM F GLASS (FIG03) & (FIG03E)

**Glass Description**  
Ceramic, Filmed Fire and Safety Rated Glass

**Brand Name**  
Pyran Platinum F

**Grade**  
Premium

**Thickness**  
3/16" Nominal

**Warranty**  
3 Years Limited

**Includes**  
PVC Closed Cell Foam Glazing Tape,  
Exterior Doors will have Duo-Sil for Cap Bead  
Impact Safety Rating  
CAT I, CAT II, CPSC 16CFR1201

RATING	MAX EXPOSED AREA	MAX WIDTH	MAX HEIGHT	DOOR SERIES
20, 45, 60 and 90	2736 Sq. In.	36"	76"	370, 374
45, 60 and 90 TR*	100 Sq. In. per Leaf	12"	33"	372, 374-TR*
180	100 Sq. In. per Leaf	12"	33"	370, 372, 374, 374-TR*

\*Temperature rise

**Fire Listings**  
UL and Intertek / Warnock-Hershey approved, positive pressure. Glass is marked in accordance with International Building Code Section 715.4.6 and 2406.

### PYRAN® PLATINUM L GLASS (FIG04) & (FIG04E)

**Glass Description**  
Ceramic, Laminated Fire and Safety Rated Glass

**Brand Name**  
Pyran Platinum L

**Grade**  
Premium

**Thickness**  
3/8" Nominal

**Warranty**  
5 Years Limited

**Includes**  
PVC Closed Cell Foam Glazing Tape,  
Exterior Doors will have Duo-Sil for Cap Bead  
Impact Safety Rating  
CAT I, CAT II, CPSC 16CFR1201

RATING	MAX EXPOSED AREA	MAX WIDTH	MAX HEIGHT	DOOR SERIES
20, 45, 60 and 90	2736 Sq. In.	36"	75"	370, 374
45, 60 and 90 TR*	100 Sq. In. per Leaf	12"	33"	372, 374-TR*
180	100 Sq. In. per Leaf	12"	33"	370, 372, 374, 374-TR*

\*Temperature rise

**Fire Listings**  
UL and Intertek / Warnock-Hershey approved, positive pressure. Glass is marked in accordance with International Building Code Section 715.4.6 and 2406.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# FACE TYPE

## FACTORY INSTALLED GLASS

### FIRELITE® NT GLASS (FIG05) & (FIG05E)

**Glass Description**  
Ceramic, Filmed Fire and Safety Rated Glass

**Brand Name**  
Firelite NT

**Grade**  
Premium

**Thickness**  
3/16" Nominal

**Warranty**  
3 Years Limited

**Includes**  
PVC Closed Cell Foam Glazing Tape,  
Exterior Doors will have Duo-Sil for Cap Bead  
Impact Safety Rating  
CAT I, CAT II, CPSC 16CFR1201 and ANSI Z97.1

RATING	MAX EXPOSED AREA	MAX WIDTH	MAX HEIGHT	DOOR SERIES
20, 45 and 60	3204 Sq. In.	36"	89"	370, 374
90	2034 Sq. In.	36"	56.5"	370, 374
45, 60 and 90 TR*	100 Sq. In. per Leaf	12"	33"	372, 374-TR*
180	100 Sq. In. per Leaf	12"	33"	370, 372, 374, 374-TR*

\*Temperature rise

**Fire Listings**  
UL approved, positive pressure. Glass is marked in accordance with International Building Code Section 715.4.6 and 2406.

### FIRELITE® PLUS GLASS (FIG06) & (FIG06E)

**Glass Description**  
Ceramic, Laminated Fire and Safety Rated Glass

**Brand Name**  
Firelite Plus

**Grade**  
Premium

**Thickness**  
5/16" Nominal

**Warranty**  
5 Years Limited

**Includes**  
PVC Closed Cell Foam Glazing Tape,  
Exterior Doors will have Duo-Sil for Cap Bead  
Impact Safety Rating  
CAT I, CAT II, CPSC 16CFR1201 and ANSI Z97.1

RATING	MAX EXPOSED AREA	MAX WIDTH	MAX HEIGHT	DOOR SERIES
20 and 45	3204 Sq. In.	36"	89"	370, 374
90	2034 Sq. In.	36"	56.5"	370, 374
45, 60 and 90 TR*	100 Sq. In. per Leaf	12"	33"	372, 374-TR*
180	100 Sq. In. per Leaf	12"	33"	370, 372, 374, 374-TR*

\*Temperature rise

**Fire Listings**  
UL approved, positive pressure. Glass is marked in accordance with International Building Code Section 715.4.6 and 2406.



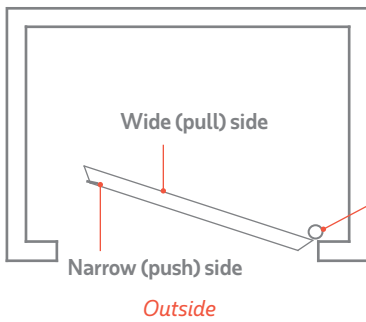
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# DOOR SIZES & OTHER OPTIONS

## HANDING CHART

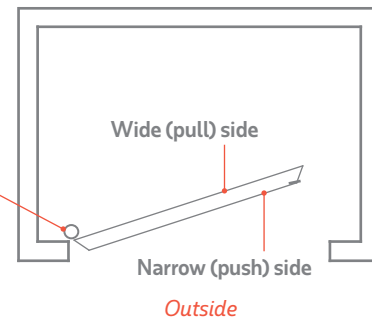
### RIGHT HAND DOOR

*going into a room to be locked*



### LEFT HAND DOOR

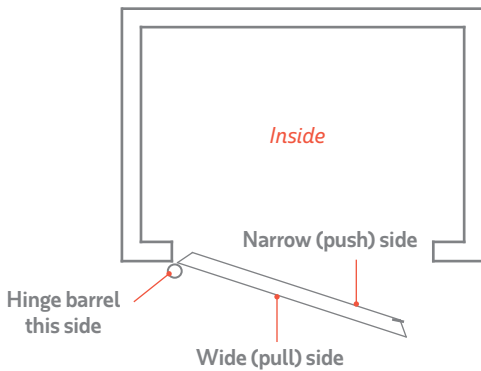
*going into a room to be locked*



Hinge barrel  
this side

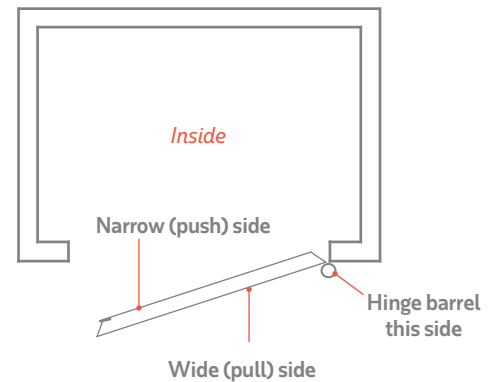
### LEFT HAND REVERSE DOOR

*going into a room to be locked*



### RIGHT HAND REVERSE DOOR

*going into a room to be locked*





# DOOR SIZES & OTHER OPTIONS

## BEVEL CHART

### 0° NO BEVEL



### 3L SINGLE BEVEL STILE

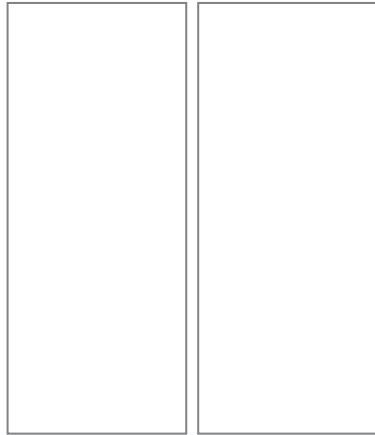


### 3/3 DOUBLE BEVEL LOCK STILE & HINGE STILE

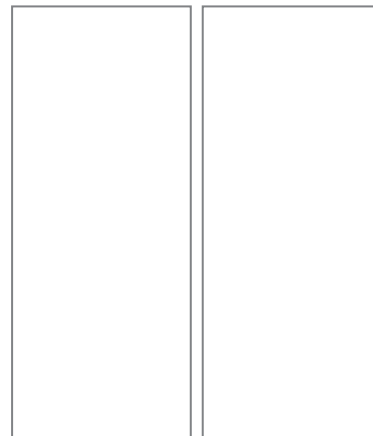
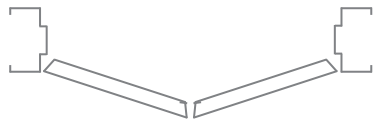


# DOOR SIZES & OTHER OPTIONS

## DOOR PAIRING CHART



PR - Standard Pair  
UEP - UnEqual Standard Pair



DE - Double Egress Pair  
UDE - UnEqual Double Egress Pair



METAL DOOR

THE RITE DOOR

# FACE FINISH OPTIONS

## METAL DOOR FACE FINISH OPTIONS



**PRIMED FOR PAINT STANDARD**



**PRE-FINISH TNEPEC PAINT**



**PLASTIC LAMINATE (HPL)**



**STAINLESS STEEL**



**CURRIStain**



**CUSTOM COLORS**

 **Adams Rite**  
**ASSA ABLOY**

FOR INFORMATION CALL 800.872.3267  
OR VISIT [RITEDOOR.COM](http://RITEDOOR.COM)

The RITE Door can be finished in a huge pallet of colors and laminate textures or pre-finished to match existing paints. For painted finishes, The RITE Door is treated after dressing to ensure maximum paint adhesion.



FACE FINISH  
OPTIONSMETAL DOOR FACE  
FINISH OPTIONS

## PRE-FINISH OPTIONS - METAL DOOR

FINISH #	FINISH DESCRIPTION	DESCRIPTION
PR6	Prime 6 Sides (Primed Door Only)	Standard factory grey primer
45E-4W	Prefinished Color - Flambeau Brown	Prefinished/painted colors. Ten standard colors available. For custom color match, send sample for color match and approval.
38E-1W	Prefinished Color - Ivory	
6E-1W	Prefinished Color - Champagne	
10E-2W	Prefinished Color - Salmon	
32D-4M	Prefinished Color - Aqua	
24E-3W	Prefinished Color - Granite	
5E-3W	Prefinished Color - Sand	
6E-3W	Prefinished Color - Coral	
40E-3W	Prefinished Color - Almond	
40E-2W	Prefinished Color - Bone	
CST	Prefinished Color - Custom color	
CS-NAT	CURRIStain - Natural	Factory Finished with one of six standard colors. No color match available. Available in Polystyrene Core only.
CS-WHT	CURRIStain - Wheat	
CS-CSH	CURRIStain - Cashew	
CS-COC	CURRIStain - Cocoa	
CS-CAB	CURRIStain - Cabernet	
CS-JAV	CURRIStain - Java	
HPL-*	High Pressure Laminate - Color	Specify HPL manufacturer and HPL color when: Wilson Art, Nevermar, and PIONITE

\*Contact The RITE Door customer service to request a physical sample

METAL DOOR

THE RITE  
DOOR

# FACE FINISH OPTIONS

## PLASTIC LAMINATE (HPL) DOOR FACES



### IMPORTANT INFO

- RITE Door will only warranty HPL applied to doors with Honeycomb or Temperature Rise Cores.
- HPL steel doors are NOT recommended and not warranted for exterior use.
- When moving plastic laminate steel doors, carry them. Never drag one across another. Carts and other equipment used to handle these doors must be padded.
- Conditioning of High Pressure Laminate (HPL) steel doors:
  - The High Pressure Laminate and the steel door react differently to temperature changes (contraction and expansion), which can cause the laminate to crack, especially on doors with vision lights.
  - DO NOT deliver or install High Pressure Laminated steel doors until conditions for temperature and relative humidity have been stabilized and will be maintained in the storage and installation areas during the remainder of construction period.
- Plastic Laminate (HPL) steel doors should be installed just prior to substantial completion to avoid damage.
- Refer to proper delivery, receiving, on-site storage and installation guidelines for hollow metal doors as per current NAAMM Standard HMMA 840- no exterior storage.
- Adams Rite Manufacturing will NOT warranty or assume any responsibility for doors not handled per these recommended procedures.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

METAL DOOR

THE RITE  
DOOR

# FACE FINISH OPTIONS

## CURRISTAIN FINISHES



### CURRISTAIN FEATURES

**Astragals for pairs of doors are available in an “h” profile, screw applied to the door edge. Astragals are stain color matched to the door.**

#### Stain

Stains used are solvent based products. Uniform application of stain by spraying 1 mil thickness over the entire door surface area and removing the excess stain by brushing or wiping the surface to obtain the desired color and effect. Six color choices are available (natural, wheat, cashew, cocoa, cabernet, or java).

#### Topcoat

A urethane with UV inhibitors topcoat is spray applied evenly across the surfaces. This UV resistant topcoat provides excellent resistance to normal wear and abuse. This topcoat is proven to be a solid performer for exterior as well as interior installations. The coating system was successfully tested to ANSI Standard A250.3.

*NOTE: Substitute door series 372 for 370 when temperature rise listed openings are required. 372 doors use a “Temperature Rise Core” in lieu of polystyrene or polyurethane core.*



ASSA ABLOY

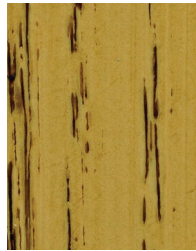
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

FACE FINISH  
OPTIONS

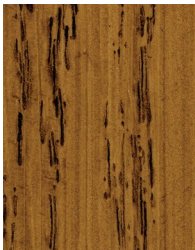
## CURRISTAIN FINISHES



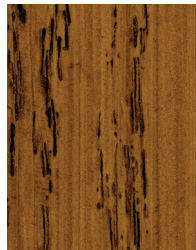
Cabernet



Cashew



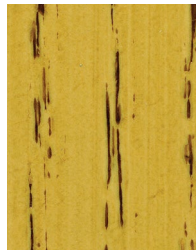
Cocoa



Java



Natural



Wheat

CURRISTAIN  
SPECIFICATIONS

## Flush Doors

- 370 or 372 series in singles or pairs as a handed door (non-handed design not available).
- Available in Polystyrene, Polyurethane, Honeycomb, or Temperature Rise Core.
- Hinge preparation may be 4-1/2 inch or 5 inch, handed in either standard weight (.134) or universal 4-1/2" hinge preparation.
- Lock preparations are limited by the size of the rail only.
- Doors are 1-3/4" thick with 18 or 16 gauge galvanized steel face sheets wood grain embossed .005" deep.
- Edges of the door are available with the "S" visible seam edge only in A bevel (beveled lock edge), b bevel (square lock edge and handed, square hinge edge), or G bevel (beveled lock and hinge edge).
- Maximum door width is 4'0"  
Maximum Height is 9'0"
- Doors may be fire rated to 3 hours following typical fire rated door restrictions based on series, gauge, and size. Above 8'0" cannot be fire rated.
- Honeycomb core can be fire rated to 1-1/2" hours up to 4'3" x 9'0" through Intertek.
- Window preparations are available in all standard face types.

*NOTE: The 372 series temperature rise door specification may also be used here.*



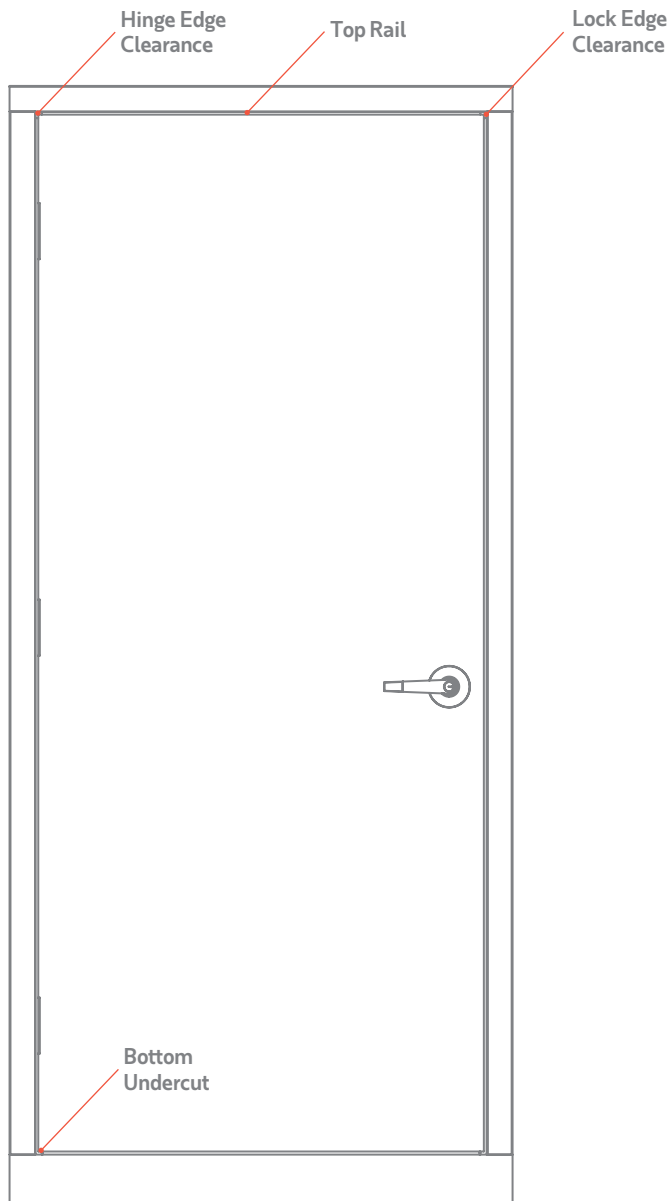
ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# CLEARANCES & UNDERCUTS

## HINGE AND LOCKSTILE CLEARANCES



<b>BUTT HINGES</b>	<b>SINGLE DOOR</b>
3/32"	Lock Stile*
3/32"	Hinge Stile
<b>CONTINUOUS HINGES</b>	<b>SINGLE DOOR</b>
3/32"	Lock Stile*
Varies	Hinge Stile**
<b>BUTT HINGES</b>	<b>STANDARD PAIR</b>
3/32"	Lock Stile*
3/32"	Hinge Stile
<b>CONTINUOUS HINGES</b>	<b>STANDARD PAIR</b>
3/32"	Lock Stile*
Varies	Hinge Stile**
<b>BUTT HINGES</b>	<b>DOUBLE EGRESS PAIR</b>
3/32"	Lock Stile*
3/32"	Hinge Stile
<b>CONTINUOUS HINGES</b>	<b>DOUBLE EGRESS PAIR</b>
3/32"	Lock Stile*
Varies	Hinge Stile**
<b>UNDERCUTS</b>	<b>ALL DOORS</b>
1/8"	Top Rail
5/8"	Bottom Rail - Standard***

\* When edge guards are used the lockstile clearance will change to accommodate the edge guard model.

\*\* Clearance for the hinge stile will be based on the continuous hinge model selected for the door.

\*\*\* 5/8" undercut is standard - other undercut dimension will need to be specified in special instructions when ordering the integrated product.

# LABEL & RATING OPTIONS

## FIRE LABELING GUIDELINES

APPLICATION	MAXIMUM SIZE	HOURLY RATING
Single Door	4'0" wide x 10'0" high	Up to 3 hour
	4'3" wide x 10'0" high	Up to 1-1/2 hour
Pair	8'0" wide x 10'0" high	Up to 3 hour
	8'6" wide x 10'0" high	Up to 1-1/2 hour
Double Egress	8'0" wide x 10'0" high	Up to 3 hour
	8'6" wide x 10'0" high	45 min to 1-1/2 hour

### FRAMES – 14 GA. OR 16 GA. CONSTRUCTION

#### Notes

1. Frames with cased open hinge jambs are available up to an hourly rating of 3 hours with a listed continuous hinge.
2. Cased open heads with a removable stop are available.
3. For 3 hour locations, frames over 8' high must be fully grouted or welded.
4. 3 hour fire rated frames for drywall wall applications require a minimum of 3 layer of 5/8" gypsum board per each side
5. Jamb depth limitations for fire label are as follows:  
*Double Rabbet – 4-3/4" to 14"*  
*Cased Opening – 4" to 14"*  
*Single Rabbeted – 3" to 14"*  
*Double Egress – 4-3/4" to 14"*
6. Return (Back Bends) limitations:  
*All Frame Profiles: 1/4" min to 3/4" max*
7. Face dimensions limitations:  
*Double Rabbet / Single Rabbet / Cased Open: 1-1/4" min up to 4" max*  
*Double Egress: 1-3/8" min up to 4" max*

### FIRE LABELING GUIDELINES BY MANUFACTURER

As tested by Intertek Testing Services  
(Warnock Hersey)

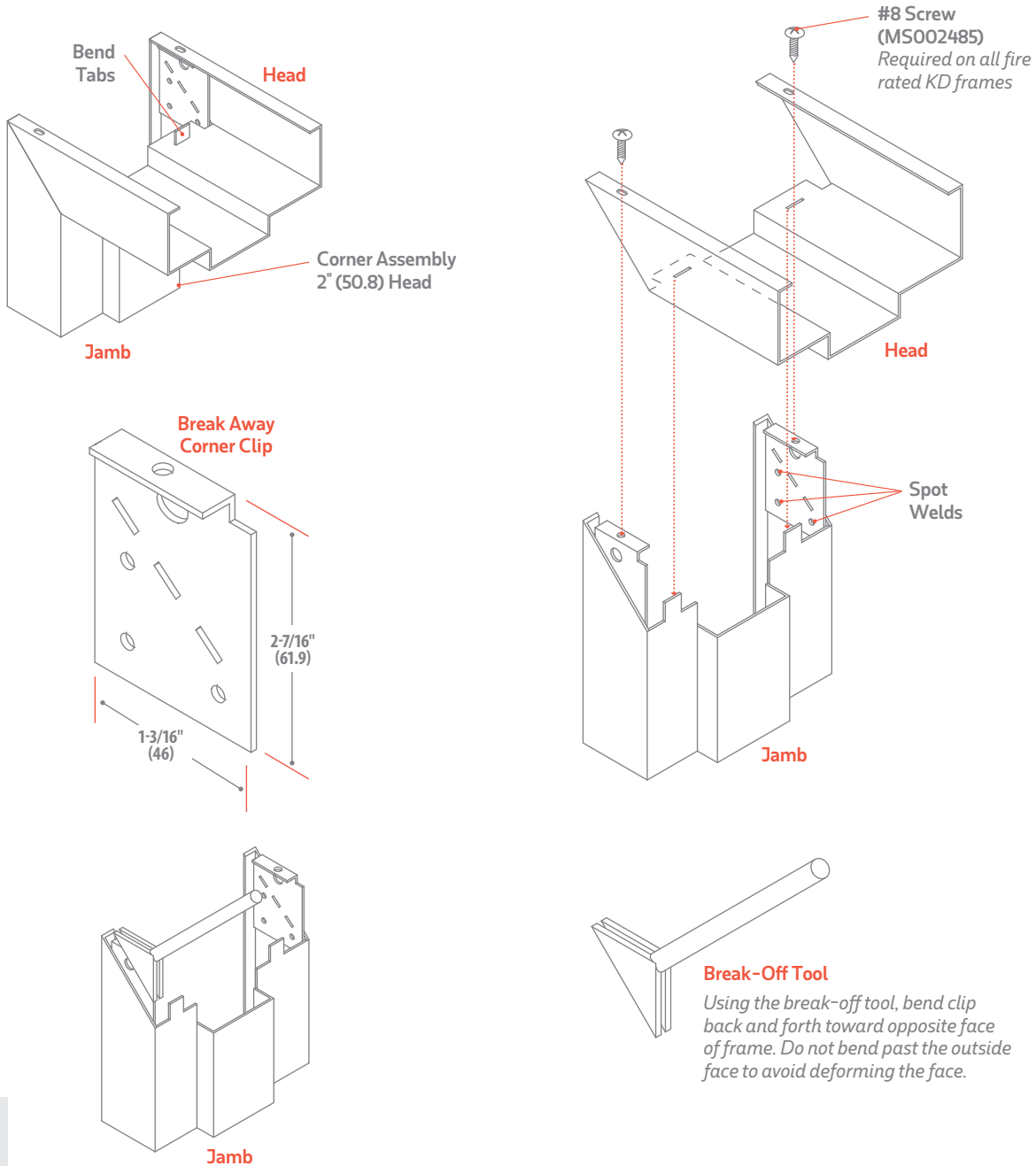
As of 01/01/2011

*\* Oversized frames available. Contact factory for options.*

# FRAME PROFILE

## MASONRY

### FLUSH MASONRY KD MITER CORNER JOINT



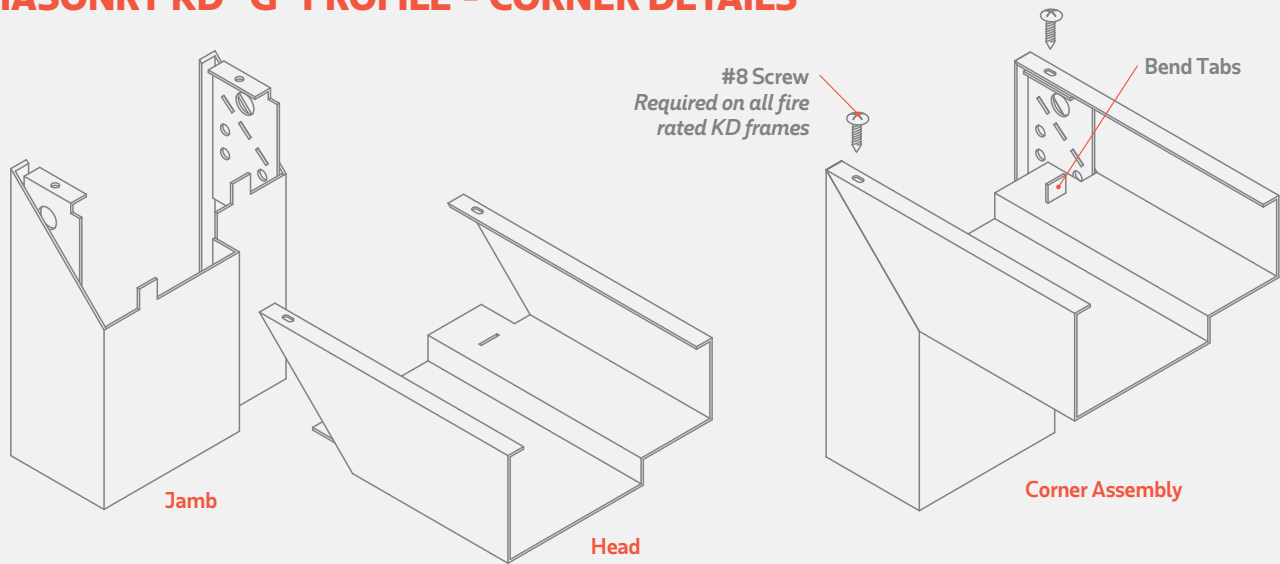
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

*NOTE: Using pliers to break off the Corner Clip may result in damage to the face of the frame.*

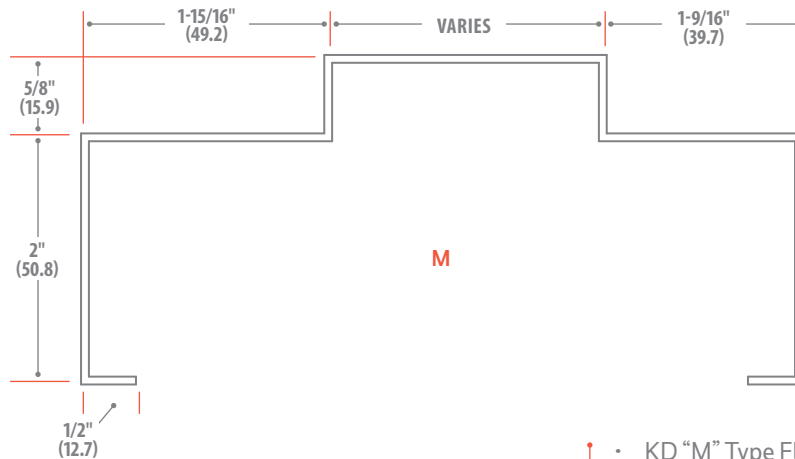
# FRAME PROFILE

## MASONRY

### MASONRY KD "G" PROFILE - CORNER DETAILS



### MASONRY KD 2" FACE FLUSH FRAME UNEQUAL RABBET



- KD "M" Type Flush
- Gauge - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
- Variable Soffit
- Jamb Depth 4-1/2" (114.3) thru 14" (355.6) 1/8" (3.2) Increments
- Available with 4" (101.6) Face Heads

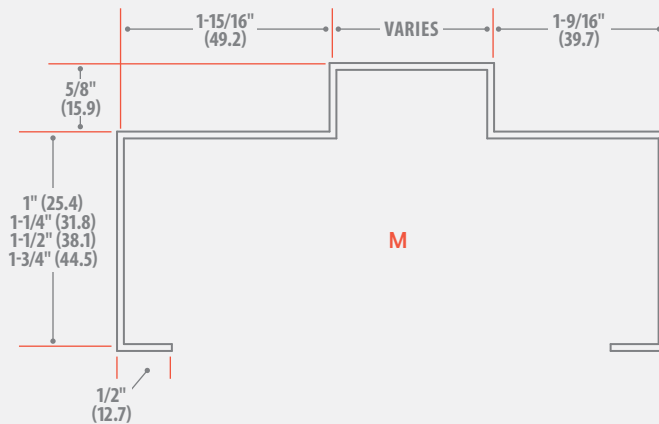
*NOTE: 5-3/4" (146.1) jamb depth standard with 7/16" (11.1) returns to provide 4-7/8" (123.8) throat opening.*



# FRAME PROFILE

## MASONRY

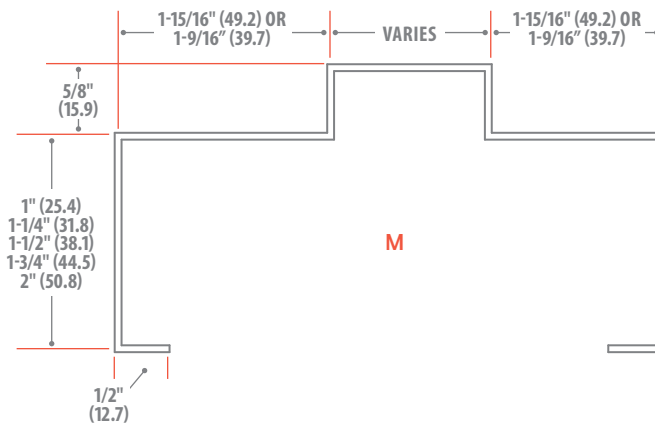
### MASONRY 1", 1-1/4", 1-1/2", 1-3/4", FACE FLUSH KD FRAME UNEQUAL RABBET



- KD "M" Type Flush
- Gauge - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
- Variable Soffit
- Jamb Depth 4-1/2" (114.3) thru 14" (355.6) 1/8" (3.2) Increments
- Not available with 4" (101.6) Face Heads

*NOTE: When CCW material is used in conjunction with above, coordinate rabbet and face dimensions 5-3/4" (146.1) jamb depth standard with 7/16" (11.1) returns to provide 4-7/8" (123.8) throat opening.*

### MASONRY FLUSH KD FRAME EQUAL RABBET



- KD "M" Type Flush
- Gauge - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
- Variable Soffit
- Jamb Depth 4-7/8" (114.3) thru 14" (355.6) 1/8" (3.2) Increments
- Available with 4" (101.6) Face Heads with 2" Face Jamb Only

*NOTE: When CCW material is used in conjunction with above, coordinate rabbet and face dimensions 5-3/4" (146.1) jamb depth standard with 7/16" (11.1) returns to provide 4-7/8" (123.8) throat opening.*

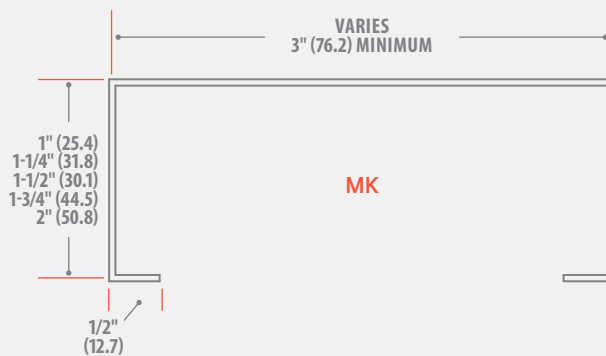


FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# FRAME PROFILE

## MASONRY

### MASONRY FACE FLUSH KD FRAME CASED OPENING

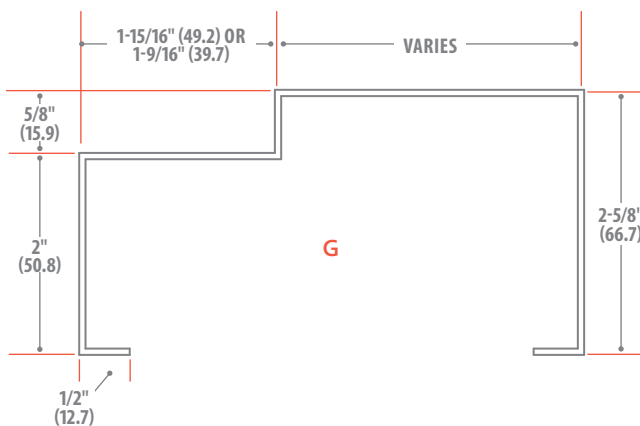


- KD "MK" Type Flush
- Gauge - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
- Jamb Depth 3" (76.2) thru 14" (355.6)  
1/8" (3.2) Increments

*NOTE: Available with 4" (101.6) face head with 4-1/2" (114.3) minimum jamb depth, 5-3/4" (146.1) jamb depth standard with 7/16" (11.1) returns to provide 4-7/8" (123.8) throat opening.*

*NOTE: Total door only may be labeled.*

### MASONRY FLUSH KD "G" PROFILE FRAME



- KD "G" Type Flush
- Gauge - 18 GA. (1.2), 16 GA. (1.4), 14 GA. (1.9)
- Jamb Depth 3" (76.2) thru 14" (355.6)  
1/8" (3.2) Increments
- Min. 4" Jamb Depth for Labeled Frame with 1-15/16" Rabbet and 3-1/4" Jamb Depth for 1-9/16" Rabbet

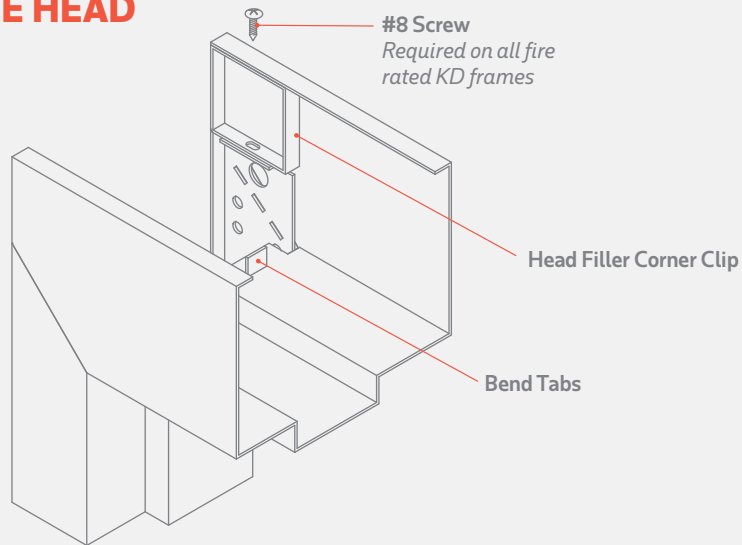
*NOTE: 2" (50.8) and 2-5/8" (66.7) face on jambs.*

*NOTE: Available with 4" (101.6) face head with 4-1/2" (114.3) minimum jamb depth, 5-3/4" (146.1) jamb depth standard with 7/16" (11.1) returns to provide 4-7/8" (123.8) throat opening.*

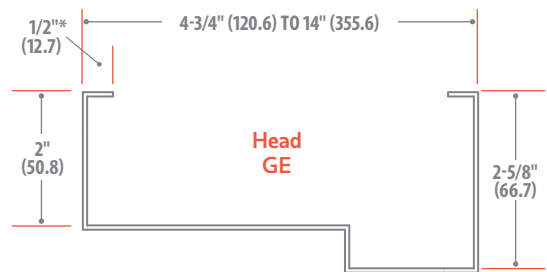
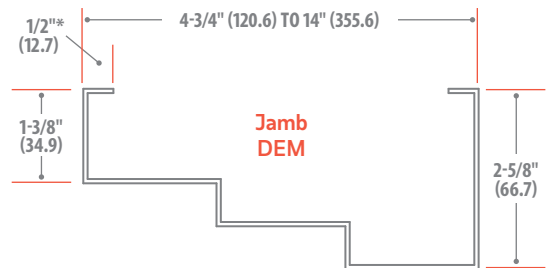
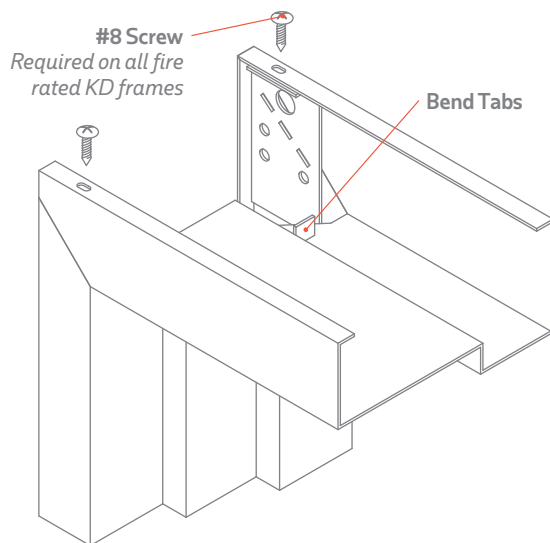
# FRAME PROFILE

## MASONRY

### MASONRY KD 4" FACE HEAD



### MASONRY KD DOUBLE EGRESS FRAME



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* 5-3/4" (146.1) jamb depth has 7/16" (11.1) return

# JAMB DEPTH OPTIONS

## FRAME JAMB OPTIONS

FRAME PROFILE	RATED	MIN FRAME JAMB	MAX FRAME JAMB	4" FRAME HEAD OPTION
M	-	4-7/8"	14	Y
M	Y	4-7/8"	14	Y
MK	-	3"	14	Y
G	-	3"	14	Y
G	Y	4"	14	Y
DEM	-	4-3/4"	14	Y
DEM	Y	4-3/4"	14	Y
N	-	4-7/8"	14	Y
N	Y	4-7/8"	14	Y
CUST	-	3-1/2"	20	Y
CUST	Y	4-1/2"	14	Y



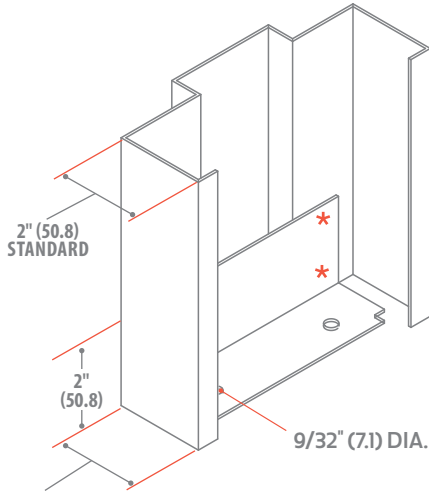
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* Custom frames available. Contact factory for options.

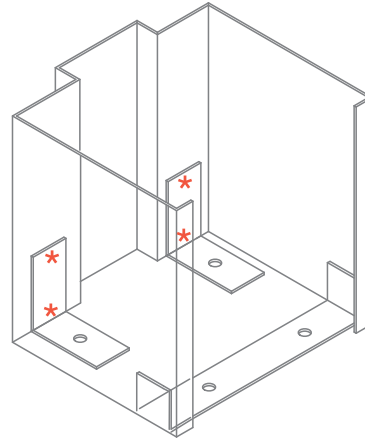


# ANCHOR TYPES

## STANDARD FOOT CLIPS

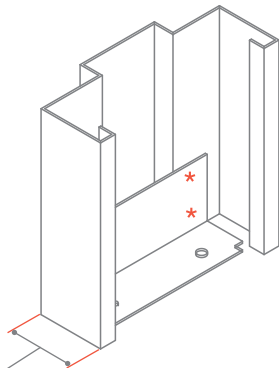


**P0030**  
Standard Foot Clip  
16 GA. (1.4)



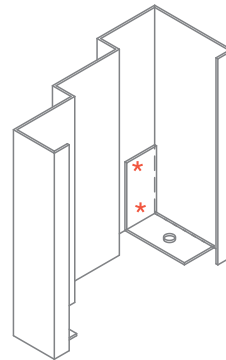
**P0216** - 16 GA.  
*For face width over 4"*  
**P0281** - 14 GA.  
**P0284** - 12 GA.

Face Minus 3/8" (9.5)  
Label Requirements:  
Face Minus 1/2" (12.7)  
Maximum

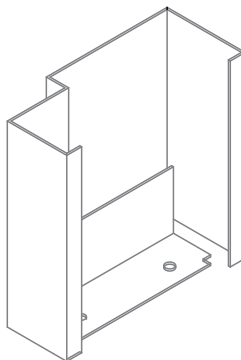


**P0030**  
C Type Frame

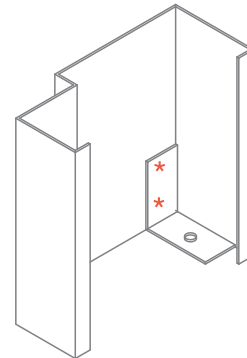
Face Minus 3/8" (9.5)  
Label Requirements:  
Face Minus 1/2" (12.7)  
Maximum



**P0081**  
Double Egress  
Foot Clips



**P0080**  
G Profile  
Jamb depth 4"  
(101.6) or less

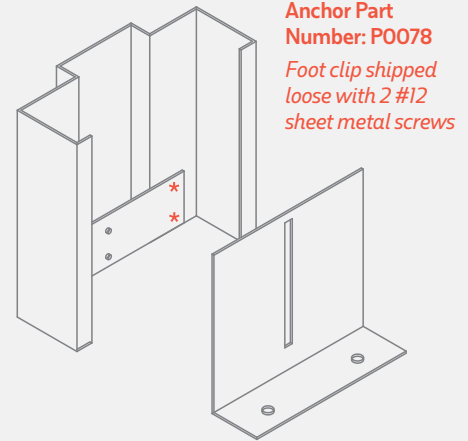
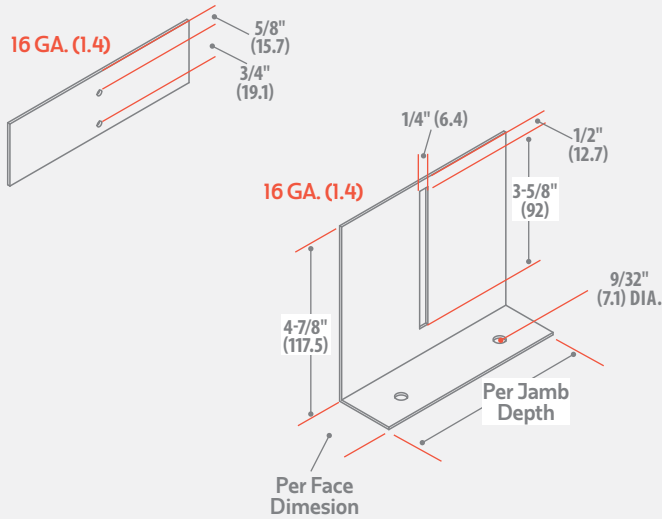


**P0081**  
G Profile  
Greater than  
4" (101.6)  
jamb depth

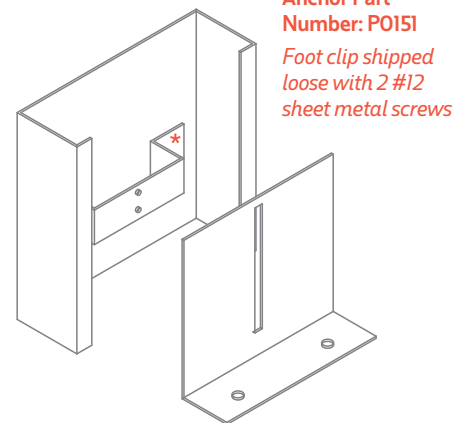
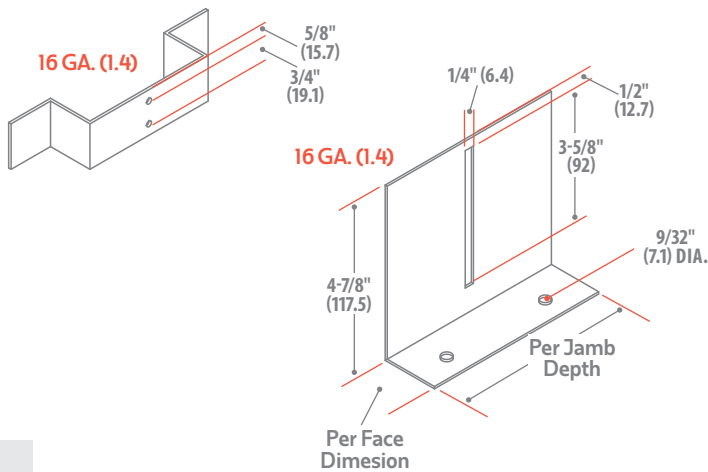
# ANCHOR TYPES

## ADJUSTABLE FOOT CLIPS

### ADJUSTABLE FOOT CLIP



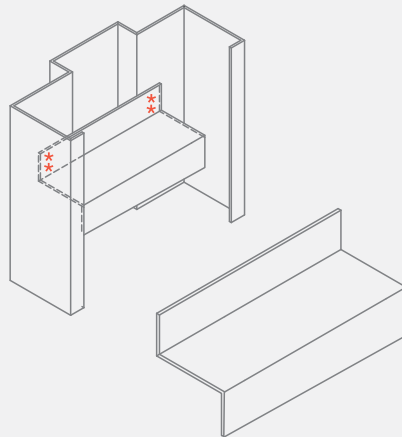
### ADJUSTABLE FOOT CLIP - CASED OPENING



# ANCHOR TYPES

## STEEL STUD CHANNEL ANCHOR

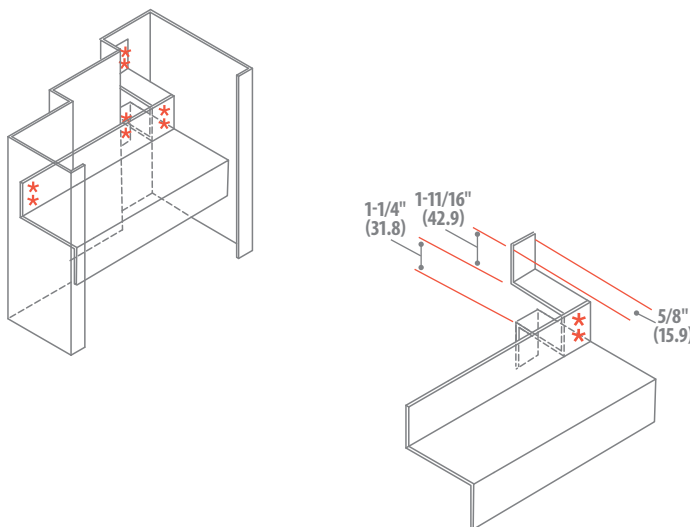
### STEEL STUD CHANNEL ANCHOR



Anchor Part  
Number: P0169  
Order code loose: WSC  
Weld in steel stud anchor

NOTE: Minimum face of 1-1/4" (31.8) required for this anchor type

### STEEL STUD CHANNEL ANCHOR - DOUBLE EGRESS

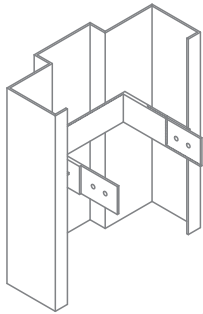


Anchor Part  
Number: P0169  
Order code loose: WSC  
Weld in steel stud anchor

# ANCHOR TYPES

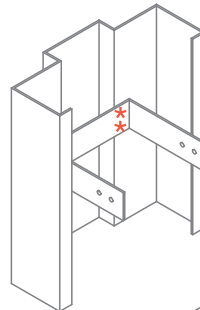
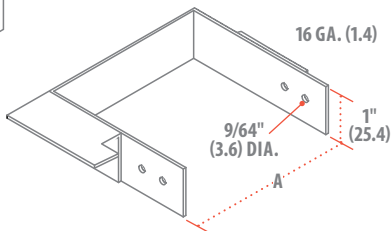
## WOOD STUD ANCHOR

### WOOD STUD ANCHOR



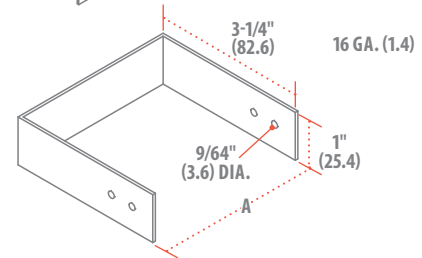
**SLIP in Wood Stud Anchor – “M” Series Frame Only**  
**Order Code Loose:** WS Anchor Part Number:  
 (Specify Stud Size)

**“A” DIMENSIONS**  
 P0152 3-1/2” (88.9) STUD  
 P0152 3-5/8” (92.1) STUD  
 P0152 5-1/2” (139.7) STUD  
 P0152 5-5/8” (142.9) STUD

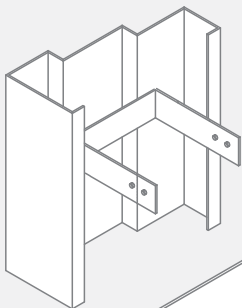


**WELD in Wood Stud Anchor**  
**Order Code Loose:** WWS  
**Anchor Part Number:** (Specify Stud Size)

**“A” DIMENSIONS**  
 P0148 3-1/2” (88.9) STUD  
 P0140 3-5/8” (92.1) STUD  
 P0142 5-1/2” (139.7) STUD  
 P0144 5-5/8” (142.9) STUD

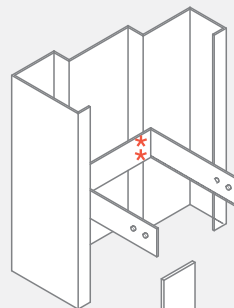
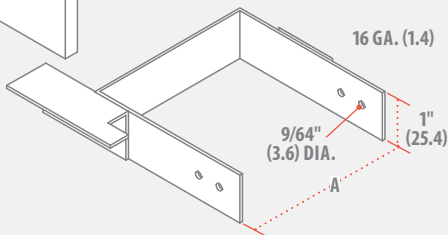


### WOOD STUD ANCHOR – DOUBLE EGRESS



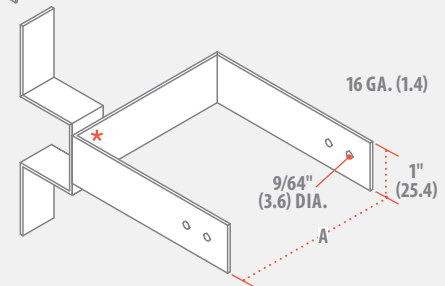
**SLIP in Wood Stud Anchor**  
**Order Code Loose:** WS Anchor Part  
 Number: (Specify Stud Size)

**“A” DIMENSIONS**  
 P0152 3-1/2” (88.9) STUD  
 P0152 3-5/8” (92.1) STUD  
 P0152 5-1/2” (139.7) STUD  
 P0152 5-5/8” (142.9) STUD



**WELD in Wood Stud Anchor**  
**Order Code Loose:** WWS  
**Anchor Part Number:** (Specify Stud Size)

**“A” DIMENSIONS**  
 P0148 3-1/2” (88.9) STUD  
 P0140 3-5/8” (92.1) STUD  
 P0142 5-1/2” (139.7) STUD  
 P0144 5-5/8” (142.9) STUD



# ANCHOR TYPES

## MULTIPURPOSE ANCHOR

### MULTIPURPOSE ANCHOR

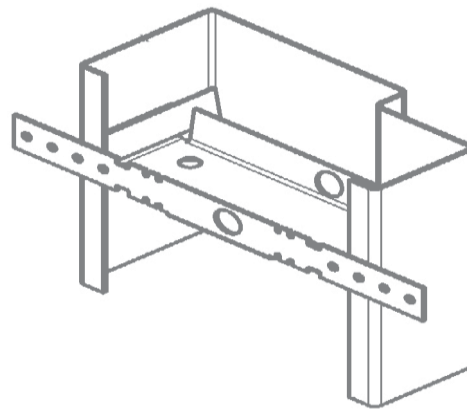
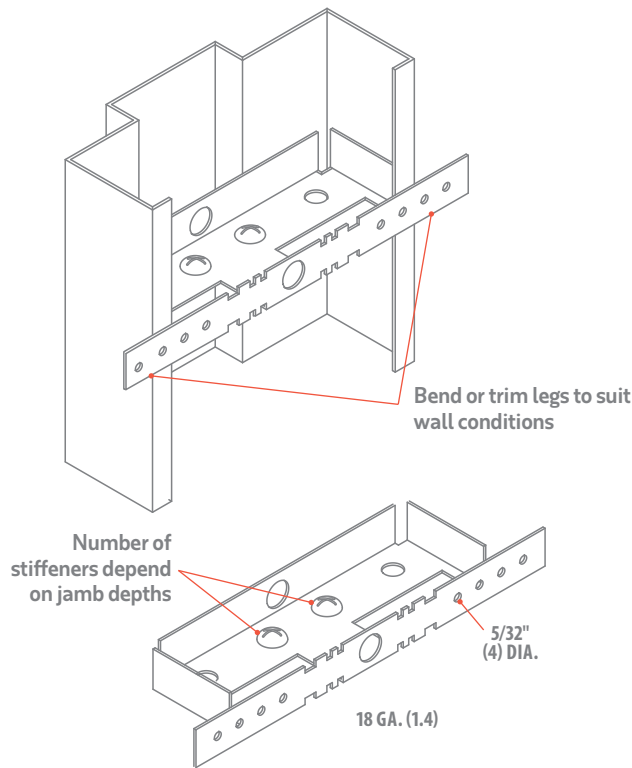
Anchor Part Number: P0045

Anchor Code: MP

Jamb Depths of 4-3/4" (120.7) thru 9-3/4" (247.6)

2" (50.8) Face Flush "M" Series or Drywall "C" Series

2" (50.8) X 2-5/8" (66.67) "G" Series or Drywall "CG" Series



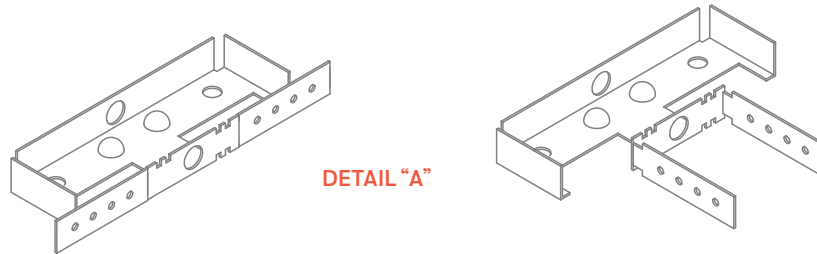
Unequal rabbets only on masonry walls



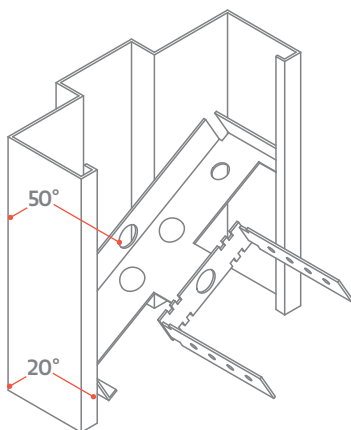
# ANCHOR TYPES

## MULTIPURPOSE ANCHOR INSTALLATION

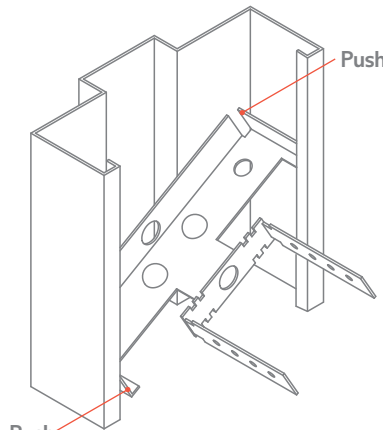
### DRYWALL RETURN FRAME



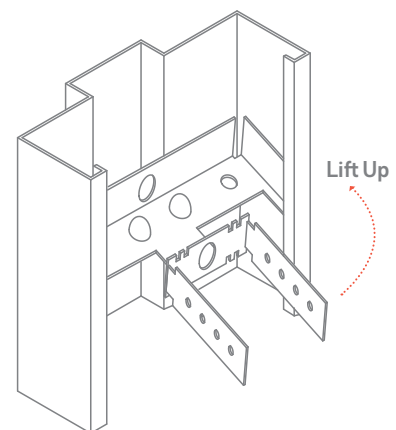
DETAIL "A"



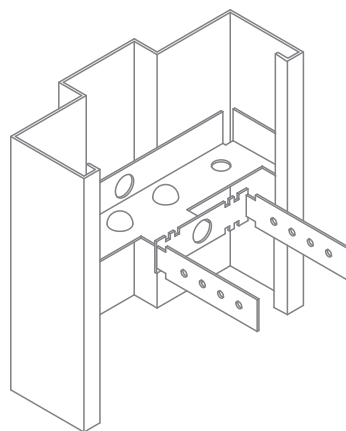
DETAIL "B"



DETAIL "C"



DETAIL "D"



DETAIL "E"

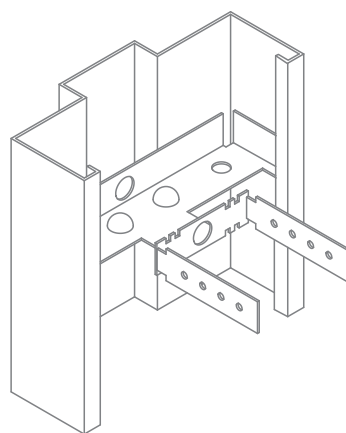
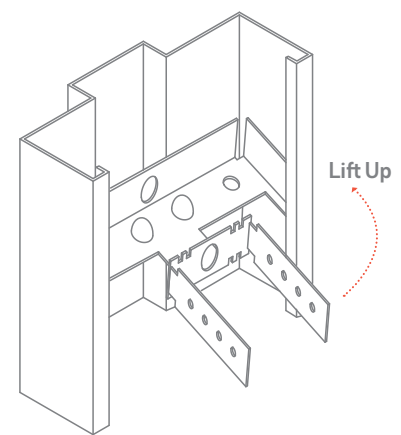
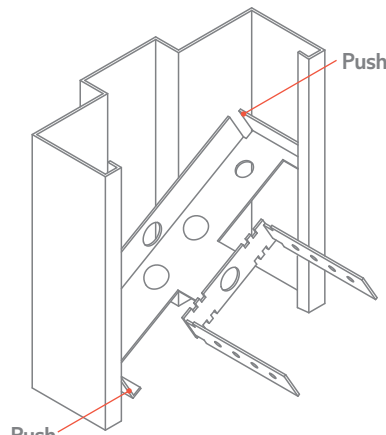
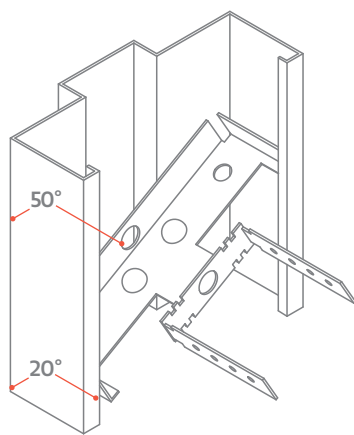
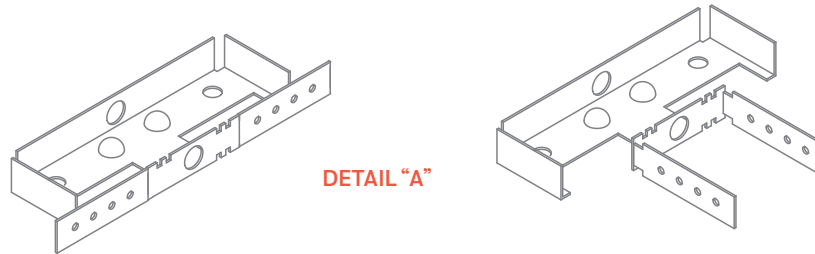
### P0045

1. Bend legs of anchor 90° as shown in detail "A" (legs may have to be bent further in later steps).
2. Insert anchor into frame throat tilted at approximately a 50° angle as shown in detail "B".
3. The anchor must also be inserted at approximately a 20° angle from the rabbets of the frame as shown in detail B". The flanges on the anchor must clear the backband returns.
4. Twist the anchor into place by applying pressure in the opposite directions to each side of the anchor as shown in detail "C".
5. Once the anchor has snapped into place, detail "D", turn it up into the correct position as shown in detail "E" legs should be bent back to the original position if necessary.

# ANCHOR TYPES

## MULTIPURPOSE ANCHOR INSTALLATION

### DRYWALL RETURN FRAME



### P0045 INSTALLATION

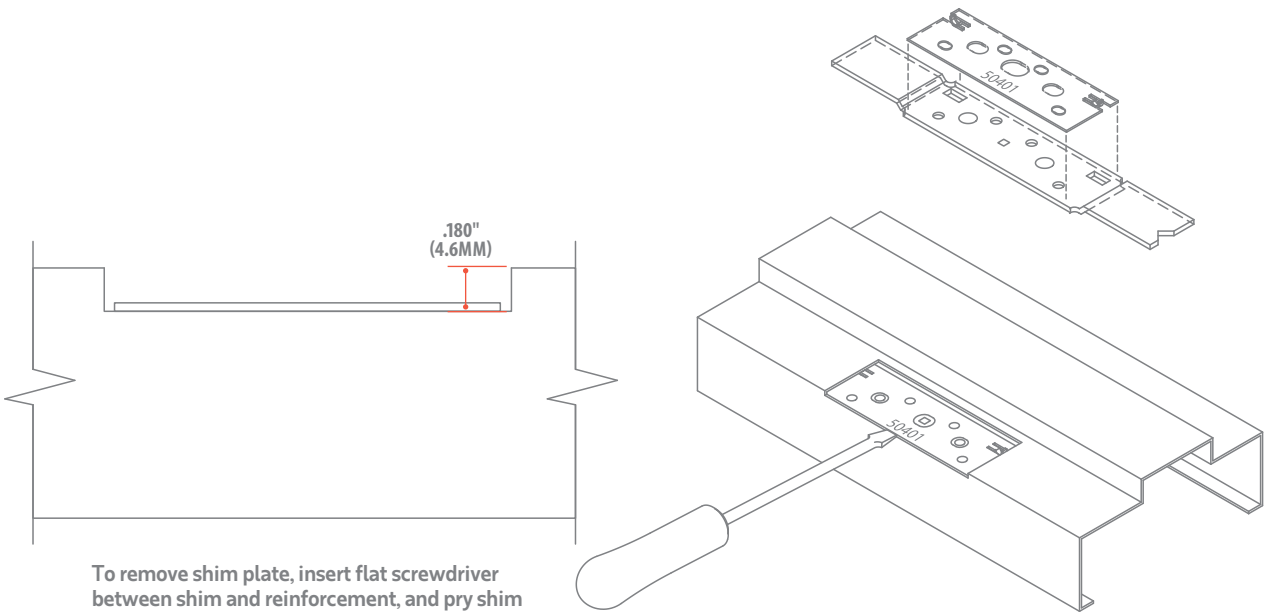
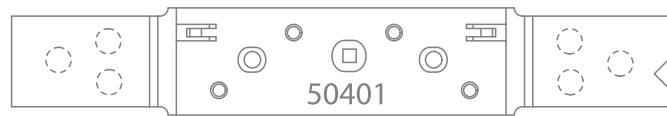
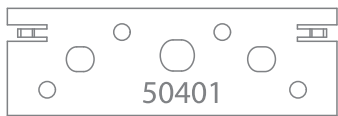
1. Bend legs of anchor 90° as shown in **DETAIL "A"** (legs may have to be bent further in later steps).
2. Insert anchor into frame throat tilted at approximately a 50° angle as shown in **DETAIL "B"**.
3. The anchor must also be inserted at approximately a 20° angle from the rabbets of the frame as shown in **DETAIL "B"**. The flanges on the anchor must clear the backband returns.
4. Twist the anchor into place by applying pressure in the opposite directions to each side of the anchor as shown in **DETAIL "C"**.
5. Once the anchor has snapped into place, **DETAIL "D"**, turn it up into the correct position as shown in **DETAIL "E"** legs should be bent back to the original position if necessary.

# FRAME REINFORCEMENT

## 4-1/2" ULTIMA HINGE REINFORCEMENT

### DEFAULT REINFORCEMENT

For All 4-1/2" Standard and Heavyweight Hinges



To remove shim plate, insert flat screwdriver between shim and reinforcement, and pry shim away from reinforcement.

*NOTE: If shim is removed, prime paint hinge reinforcement.*

*NOTE: Not recommended for conversion to electric hinge preparation.*

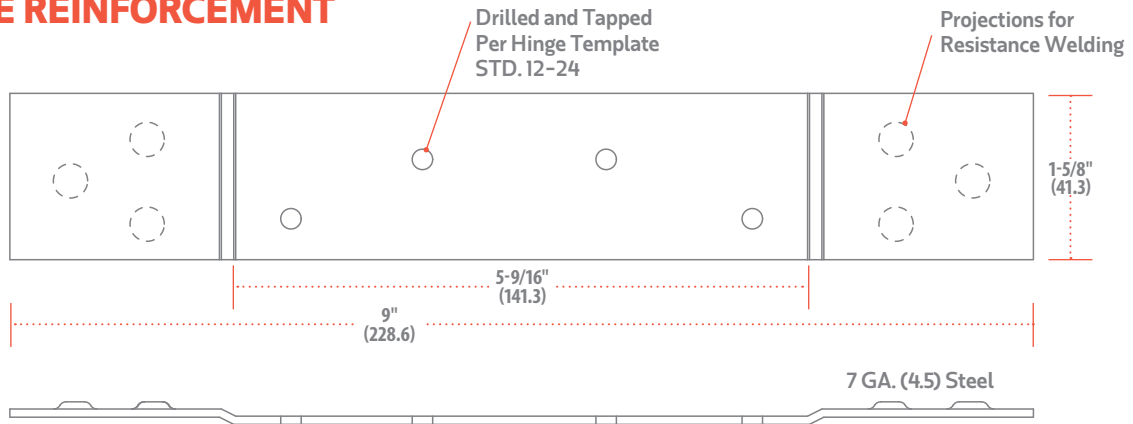


FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

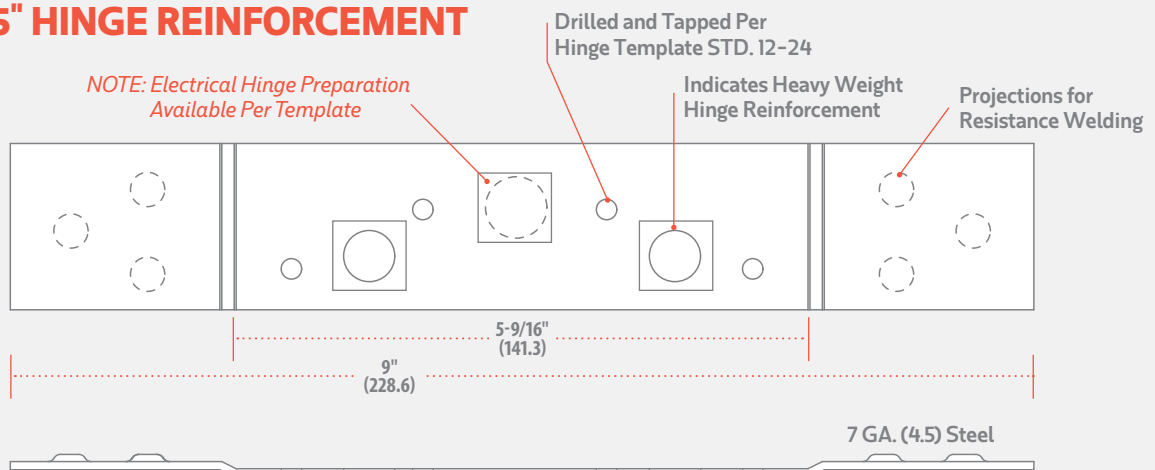
# FRAME REINFORCEMENT

## 5" HINGE REINFORCEMENT

### 5" HINGE REINFORCEMENT



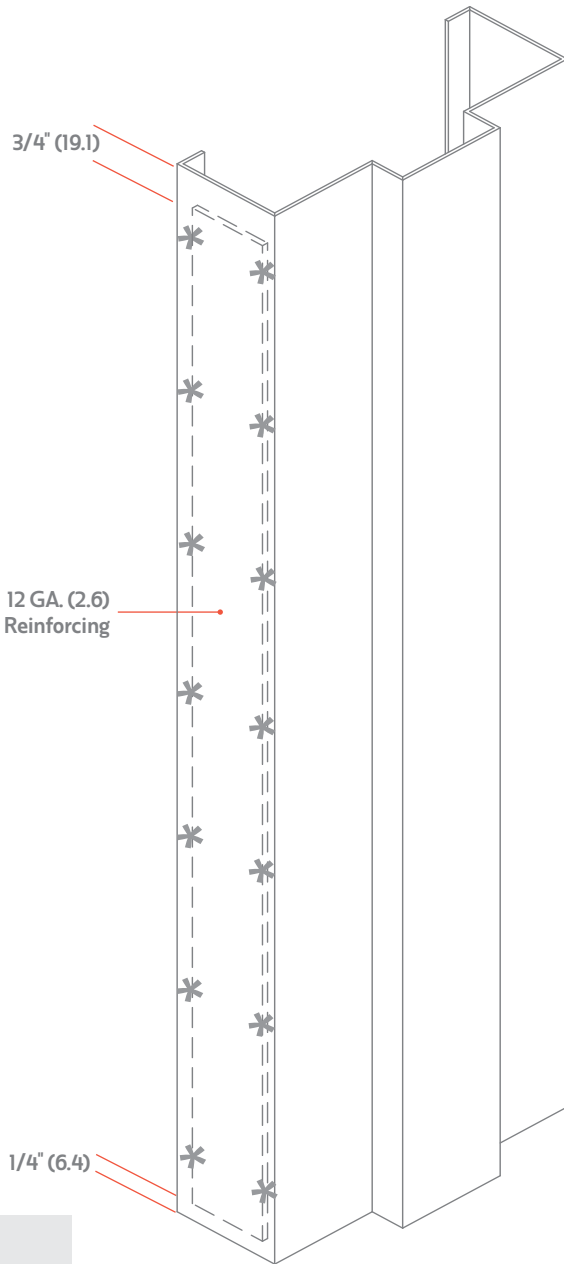
### HEAVY 5" HINGE REINFORCEMENT



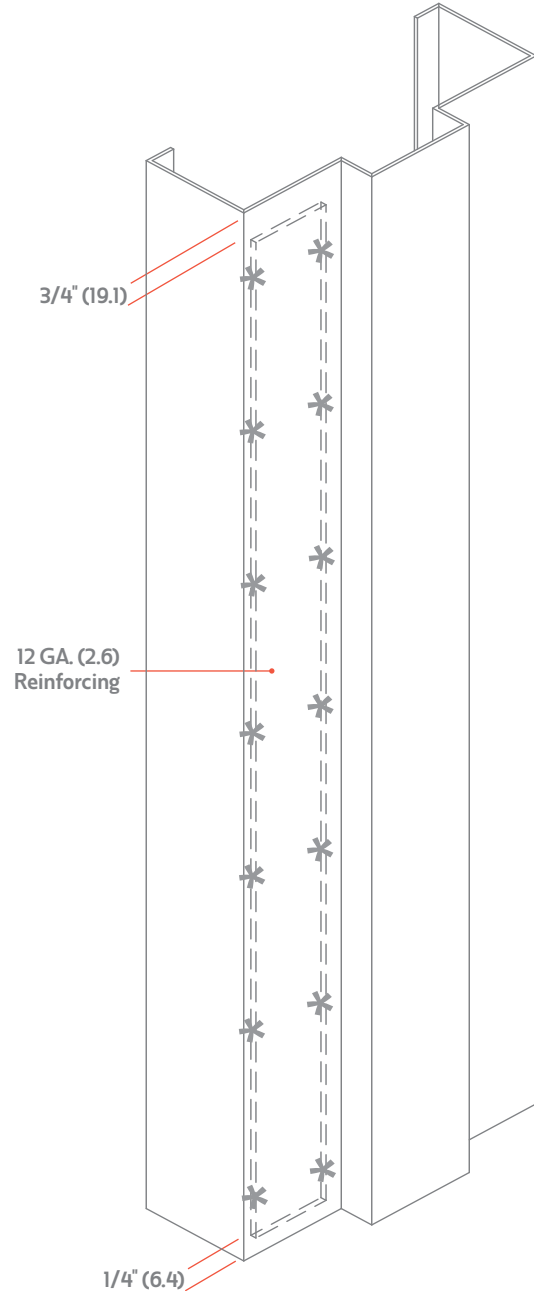
# FRAME REINFORCEMENT

## CONTINUOUS HINGE REINFORCEMENT

### SURFACE MOUNTED



### CONCEALED MOUNTED





# HOW TO ORDER

## METAL FRAMES

ITEM	ITEM DESCRIPTION	This is for basic reference for product information and ordering, for detail description of product, see the product cut sheets.	
1	FRAME INCLUDED?	<b>SPECIFY IF THE OPENING IS TO RECEIVE A FRAME SUPPLIED BY RITE DOOR</b>	
		Yes	
		No	
2	OPENING TYPE	<b>DETERMINES IF THE OPENING IS SINGLE, STANDARD PAIR OR DOUBLE EGRESS PAIR</b>	
		S	Single Opening
		PR	Standard Paired Opening
		UEP	Unequal Standard Paired Opening
		DE	Double Egress Opening
UDE	Unequal Double Egress Opening		
3	FRAME PROFILE	<b>DETERMINES THE TYPE OF FRAME PROFILE TYPE YOU WANT FOR YOUR DOOR</b>	
		MK	Masonry Face Flush KD Frame Cased Opening
		G	Masonry Flush KD "G" Profile Frame
		DEM	Masonry KD Double Egress Frame
		CUST	Custom Frame Profile - Customer Defined
		M	Masonry KD Face Flush Frame (Please see tech catalog for different "M" Profile Options)
N	Nailer Frame (3 3/4" - 13" Jamb Depth)		
4	CUSTOM FRAME DRAWING ELEV.	<b>USE ONLY IN THE EVENT THAT THE FRAME IS A CUSTOM FRAME PROFILE AND SIZE. (FRAME NEEDS TO BE QUOTED)</b>	
5	LABELED FRAME OPENING	<b>PLACE A "Y" TO INDICATE THAT THE FRAME IS TO BE RATED TO MATCH THE DOOR RATING</b>	
6	METAL GAUGE	<b>SPECIFY THE GAUGE OF STEEL THAT YOU WOULD LIKE</b>	
		16	16 Gauge Steel
		14	14 Gauge Steel - (Not available with CURRIEStain)
7	STEEL TYPE	<b>STEEL TYPE AS REQUESTED BY THE CUSTOMER</b>	
		CR	Cold Rolled Steel
		RK	Galvanized (A60 Standard)
		SS	Stainless (304 #4 Satin finish - Quoted Only)
		LL-CR	Lead Lined Frame- Cold Rolled (Quoted Only)
		LL-RK	Lead Lined Frame- A60 Galvanized (Quoted Only)
LL-SS	Lead Lined Frame- Stainless Steel (Quoted Only)		



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* Please see the LEED Sell Sheet for details on LEED Qualifications for all RITE Door products.

# HOW TO ORDER

## METAL FRAMES

ITEM	ITEM DESCRIPTION	This is for basic reference for product information and ordering, for detail description of product, see the product cut sheets.
8	JAMB DEPTH (WHOLE INCHES)	DETERMINES THE JAMB DEPTH NEEDED FOR THE FRAME (WHOLE INCHES)
9	JAMB DEPTH (FRACTIONS)	DETERMINES THE JAMB DEPTH NEEDED FOR THE FRAME (FRACTIONS)
10		FINISH OPTION FOR THE FRAME
	PRIM	Primed for field finish only.
	SS	Stainless (304 #4 Satin finish - Quoted Only)
11	4" FRAME HEAD OPTION	FRAME HEAD OPTION AVAILABLE
	Y	Yes
		No
12	WELD CONSTRUCTION	DETERMINES THE WELD TYPE OF THE FRAME
	KD	Knock Down Frame - Not Welded
	SW	Seam Weld - Face Welded Only
	FW	Full Weld - Full Profile Weld
13	ANCHOR TYPE	DETERMINES THE ANCHOR TYPE NEEDED FOR THE FRAME
	MW	Masonry Wire Anchor
	EWA	EWA - Anchor Type (Not Welded - Shipped Loose)
	WEWA	EWA - Anchor Type (Welded into the Frame)
	WPS	Pipe Spacer Anchor - Welded into the Frame
	WWS	Wood Stud Anchor
	WSC	Steel Stude channel Anchor
	MP	Multipurpose Anchor - Anchor Ships Loose
14	# OF ANCHORS	# OF ANCHORS WILL BE BASED ON THE OVERALL FRAME HEIGHT
	6	Frame Height of 6'8" - 7'6"
	8	Frame Height of 7'7" - 9'0"
	10	Frame Height of 9'1" - 10'0"
15	STOP OPTION	DETERMINE THE FRAME STOP OPTION
	HSP	Hospital Stop Option - only available at this time



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* Please see the LEED Sell Sheet for details on LEED Qualifications for all RITE Door products.

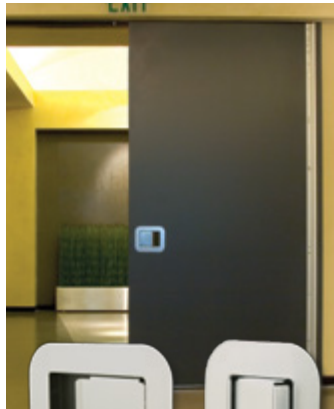
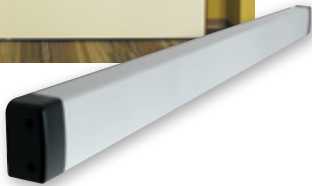
# HOW TO ORDER

## METAL FRAMES

ITEM	ITEM DESCRIPTION	This is for basic reference for product information and ordering, for detail description of product, see the product cut sheets.
16	SPECIAL INSTRUCTIONS	This is for any special instructions that are needed for the frame. Not all special instruction request can be accommodated, please contact factory to verify if request is available with RITE Door. You can also use this section to specify request for hardware that is not supplied, but will be a prep only

LINE ITEM	FRAME INCLUDED	FRAME DETAIL	OPENING TYPE	FRAME PROFILE	CUSTOM FRAME DRW	LABELED FIRE RATED FRAME	METAL GAGE	STEEL TYPE	JAMB DEPTH INCHES	JAMB DEPTH FRAC	FINISH	4" FRAME HEAD OPTION?	WELD CONSTR	ANCHOR TYPE	# OF ANCHORS PER FRAME	STOP OPTION	SPECIAL INSTRUCTIONS: FRAMES:
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	

# MODELS



## EXIT DEVICE MODELS

### Mortise Type

- **D3375** – Mortise Inset Exit Device – Lock Edge Latching – Rated Doors (Single Only)
- **D8375** – Mortise Inset Exit Device – Lock Edge Latching – Non Rated Doors (Single & Paired)

### Concealed Less Bottom Rod Type

- **D3676** – Inset Exit Device – Concealed Top Latch Only – Rated Doors (Paired)
- **D3677** – Inset Exit Device – Concealed Top Latch Only – Rated Doors (Single)
- **D8576** – Inset Exit Device – Concealed Top Latch Only – Non Rated Doors (Single & Paired)

### Concealed Less Bottom Rod x Pull Trim Type

- **D3681** – Inset Exit Device – Concealed Top Latch Only with Pull Type Trim – Rated & Non Rated (Single & Paired)

## LEVER X LEVER MODELS

- **D3644** – Classroom Function
- **D3645** – Passage Function
- **D3646** – Storeroom Function
- **D3647** – Electrified Function
- **D3648** – Office Function

## DOORS WITH PUSH OR PULL OPERATION:

- **D3682** – Pull x Push Function
- **D3683** – Pull Only Function (Wide Side of the Door Only)
- **D3684** – Push Only Function (Narrow Side of the door only)


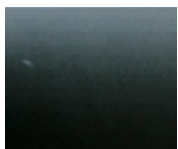
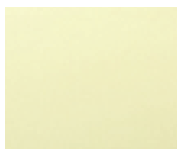




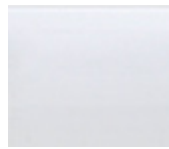

## DOORS WITHOUT TRIM:

- **D3621** – Top Prep Only – Rated & Non Rated (For use on the Inactive Leaf of a Pair)

# EXIT DEVICE FINISHES



*End caps can be ordered to match the pushbar.*

			
313 Bronze Anodized	335 Black Anodized	605 Bright Brass	606 Satin Brass
			
611 Bright Bronze	612 Satin Bronze	628 Satin Aluminum Standard	629 Bright Stainless
			
			630 Satin Stainless

Exit Devices for The RITE Door come in an attractive range of architectural finishes for the pushbar. Finishes are anodized or clad, not plated, for superior looks and wear. The end caps are standard ABS Black, but can be ordered to match the pushbar, for an even more seamless appearance. Call Adams Rite for custom finishes or treatments.

- 313 – Bronze Anodized
- 335 – Black Anodized
- 605 – Bright Brass
- 606 – Satin Brass
- 611 – Bright Bronze
- 612 – Satin Bronze
- 628 – Satin Aluminum Standard
- 629 – Bright Stainless
- 630 – Satin Stainless
- 13E – 10BE Dark Oxidized Satin Bronze

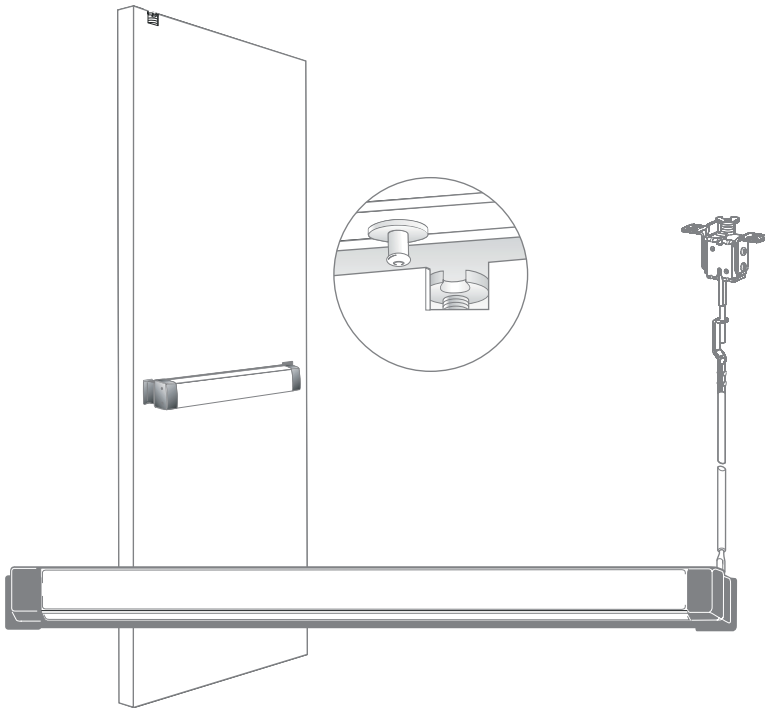


FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# D3676 SERIES

## INSET EXIT DEVICE HARDWARE



### FEATURES

- Patented top latching mechanism interlocks door to frame
- Strong, durable construction for a high level of security
- Adjustable steel rods protected in contoured covers
- Easy to install
- Clean, unobtrusive design
- Pushbar clad or anodized, not plated, in a variety of finishes

### SPECIFICATIONS

#### D3676 Series Certifications:

- UL Panic-Fire Exit Hardware, 3-Hour Fire Label
- California State Fire Marshall
- New York City MEA\*
- Warnock/Hersey Listing

#### D8576 Series Certifications:

- UL 305 Panic Hardware
- ANSI/BHMA A156.3 Grade 1
- California State Fire Marshall
- New York City MEA\*

*\*Consult Factory for specific number*

#### Materials

- Pushbar made of extruded aluminum, clad or anodized in a variety of finishes.

#### Handing

- Specify Handing.

#### Pushbar Length

- Standard sizes: dimensioned for 24", 30", 36", and 48" openings.

#### Door Height

- Standard unit adjustable for doors up to 8' 0". For doors over 8' 0" above bar height, up to 10 ft use D3655-02 Tall Door Kit.

#### Door Thickness

- 1-3/4" only.

#### Projection

- 5/8" from door face when fully projected.

#### Dogging

- Standard dogging with hex key or optional cylinder dogging for D8576 Series only.
- Electric dogging also available for D3676 and D8576 Series.

#### D3080 Entry Trim

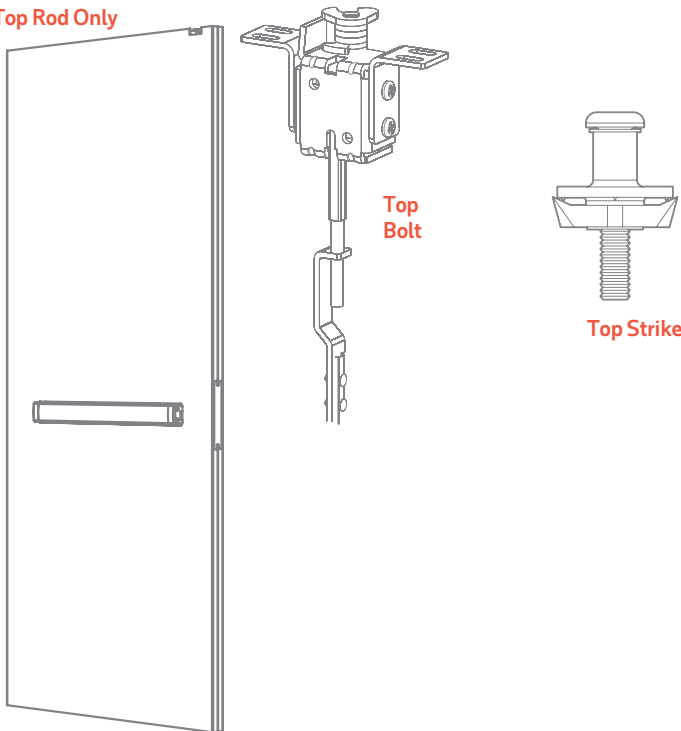
- See Trim Section.

# D3676 SERIES

## INSET EXIT DEVICE HARDWARE

D3676 SERIES					
MODEL	TYPE	FIRE RATING	DOOR CONSTRUCTION	MAX SIZE SINGLE DOORS	MAX SIZE PAIRS & DOUBLE EGRESS
D3676	CVR-TRO	1-1/2 Hr	Hollow Metal	N/A	8'6" x 10'0"
D8576	CVR-TRO	NR	Hollow Metal	4'3" x 10'0"	8'6" x 10'0"

Top Rod Only



### BOLTS AND STRIKES

The patented top latching mechanism utilizes a rotating top bolt which deadlatches around the header strike, interlocking the door to the frame. Supplied with standard header strike. The hexagonal, hardened steel bottom bolt is shielded in a cast housing for strength and stability.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## D3676 SERIES

## INSET EXIT DEVICE HARDWARE

### OPTIONS AND ACCESSORIES

#### Silent Electrification Motorized Latch Retraction – SE

- The SE Motorized Latch Retraction option provides near-silent operation for quiet environments such as hospitals, offices, hotels, and libraries where solenoid-driven devices would be disruptive.

#### Electric Latch Retraction – LR

- The LR option uses a solenoid mounted in the pushbar for instantaneous unlocking and locking of the exit device from a remote location or access control device. LR option is not available on rim type exit devices (see EL option).

#### Request to Exit (REX) – Monitor / Signal Switch – M1 M2

- Mounted in the exit device pushbar on the hinge end, the switch can be used to activate signal light, horn, monitor, or other devices.

#### Cylinder Dogging

- For management control of dogging exit devices for life-safety exit devices only. Nonrated doors, standard.

#### Electric Dogging – ED

- A holding magnet keeps the pushbar depressed (set manually) and the latch retracted for lower profile exit devices, resulting in less damage and quieter operation.

#### Matching End Caps – MEC

- Matching end caps are available for applications where it is preferable that the end caps match the finish of the exit device. Available for US finishes only.

#### Available Finishes

- 13E Dark Oxidized Satin Bronze – Powdercoat
- 313 Dark Bronze Anodized
- 335 Black Anodized
- 605 Bright Brass
- 606 Satin Brass
- 611 Bright Bronze
- 612 Satin Bronze
- 628 Clear Anodized
- 629 Bright Stainless
- 630 Satin Stainless
- 13E Dark Oxidized Satin Bronze (Equivalent to 613E)

# HOW TO ORDER

HARDWARE MODEL	DESCRIPTION	AVAILABILITY (DOOR TYPE)
D3676	• Inset Exit Device - Concealed Top Latch Only	• Metal Door - Rated
D3677	• Inset Exit Device - Concealed Top Latch Only	• Metal Door - Rated
D8576	• Inset Exit Device - Concealed Top Latch Only	• Metal Door - Non Rated

ELECTRICAL OPTIONS	DESCRIPTION	AVAILABILITY (LENGTHS)
-	• Non Electrical - Mechanical Function Only	• 24", 30", 36" & 48"
XM	• Single Monitor Switch with Electrolynx Cable	• 30", 36" & 48"
XM2	• Dual Monitor Switch with Electrolynx Cable	• 30", 36" & 48"
XED	• Electric Dogging with Electrolynx Cable	• 30", 36" & 48"
XEDM	• Electric Dogging with Single Monitor Switch with Electrolynx Cable	• 36" & 48"
XEDM2	• Electric Dogging with Dual Monitor Switch with Electrolynx Cable	• 36" & 48"
XSE	• Silent Electrification with Electrolynx Cable	• 36" & 48"
XSEM	• Silent Electrification with Single Monitor Switch and Electrolynx Cable	• 36" & 48"
XSEM2	• Silent Electrification with Dual Monitor Switch and Electrolynx Cable	• 36" & 48"
XLR	• Electric Latch Retraction with Electrolynx Cable	• 36" & 48"
XLRM	• Electric Latch Retraction with Single Monitor Switch and Electrolynx Cable	• 36" & 48"
XLRM2	• Electric Latch Retraction with Dual Monitor Switch and Electrolynx Cable	• 36" & 48"

BAR LENGTHS	DESCRIPTION	AVAILABILITY (DOOR WIDTH)
24"	• Exit Device Bar Length of 18.5" from end cap to end cap	• 24" to 29" Door Width
30"	• Exit Device Bar Length of 21.5" from end cap to end cap	• 29-1/6" to 35" Door Width
36"	• Exit Device Bar Length of 24.5" from end cap to end cap	• 35-1/16" to 41" Door Width
48"	• Exit Device Bar Length of 30.5" from end cap to end cap	• 41-1/16" to 48" Door Width

HANDING	DESCRIPTION	AVAILABILITY
07	• RHR - Right Hand Reverse Swing	• All Exit Device Models
08	• LHR - Left Hand Reverse Swing	



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

FINISH	DESCRIPTION
313	• Dark Bronze Anodized
335	• Black Anodized
605	• US3 - Bright Brass, Clear Coated
606	• US4 - Satin Brass, Clear Coated
611	• US9 - Bright Bronze, Clear Coated
612	• US10 - Satin Bronze, Clear Coated
628	• Satin Aluminum, Clear Anodized
629	• US32 - Bright Stainless Steel
630	• US32D - Satin Stainless Steel
13E	• 10BE Dark Oxidized Satin Bronze (Equivalent to 613E)

ACCESSORIES	DESCRIPTION	AVAILABILITY (FINISH)
	• Standard Black Plastic End Cap	• 313, 335, 628
MEC	• Matching End Caps	• 605, 606, 611, 612, 629, 630, 13E

MISC OPTIONS		
29-0206	• Thermal Pin (Fire Pin) - Supplied Standard with D3677	
D3655-02	• Tall Door Kit - for Doors over 8'0" - Supplied Standard	

LINE ITEM	MODEL	ELECTRIC OPTION	BAR LENGTH	HANDING	FINISH	ACCESSORIES	MISC OPTIONS
	D3676	-	36	07	630	MEC	

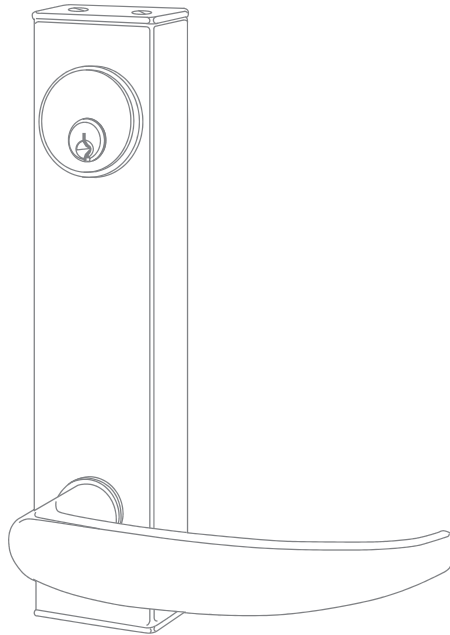
- \* Door is to be prepped for the device
- \*\* Door is to have the device installed
- \*\*\* Device is to shipped as a loose item



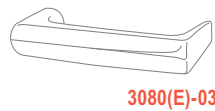
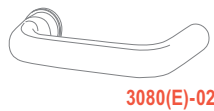
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# D3080 SERIES

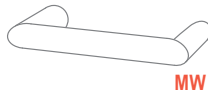
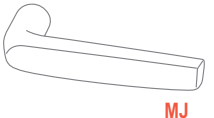
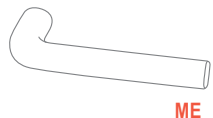
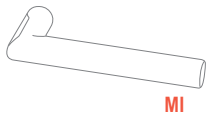
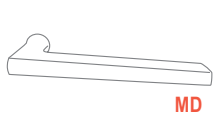
## EXIT DEVICE TRIM HARDWARE



### STANDARD SERIES:



### DESIGNER SERIES:



### FEATURES

The D3080 Series Entry Trim provides outside activation for doors with any type of Adams Rite exit device. The locked handle is protected from vandalism and forced entry with a breakaway clutching mechanism.

### D3080 SERIES ENTRY TRIM FUNCTION

The D3080 Series provides outside activation of doors that have any type of RITE Door Exit Device. Breakaway clutching mechanism protects the locked handle from vandalism or forced entry, in either direction. All models share the same core components, so handles can be changed without having to replace the entire trim. Solid construction meets Grade 1 standards.

### D3080E ELECTRIFIED ENTRY TRIM FUNCTION

The D3080E Electrified Entry Trim provides a continuous duty solenoid mounted to the trim, which enables remote activation of the locking function without unlatching the door, making this trim ideal for stairwell and fire doors.

### SPECIFICATIONS

#### Standard Handles

- The D3080-01, -02, and -03 lever handles are designed to return within 1/2" of the door face. Handles in the Designer Series do have this same feature. Please verify with local code requirements to ensure compliance.

#### Options

- Can be ordered with or without a hole for cylinder.



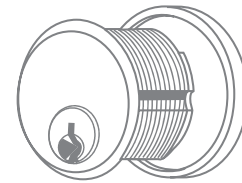
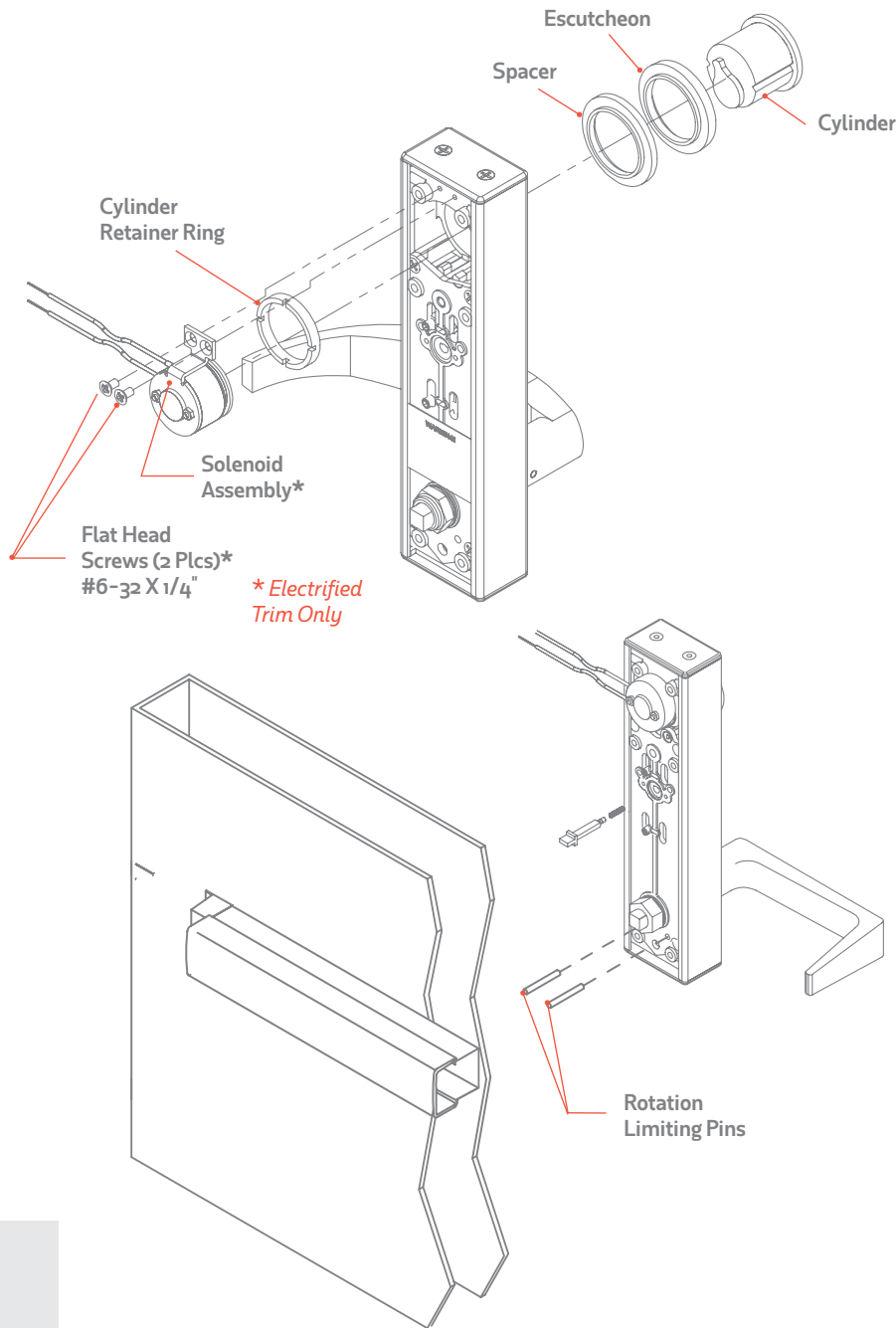
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# D3080 SERIES

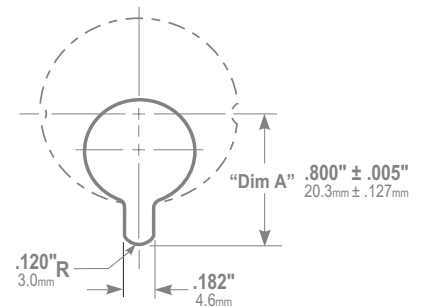
## EXIT DEVICE TRIM HARDWARE

### INSTALLATION



### MORTISE CYLINDER - 4036-01

Standard diameter five-pin unit with MS cam, suitable for use with entry trim. Available in quantity all keyed different (KD), in pairs (KA2), or 50 alike (KA50). Any other make standard mortise cylinder with MS® cam can be used to key-in with existing systems.



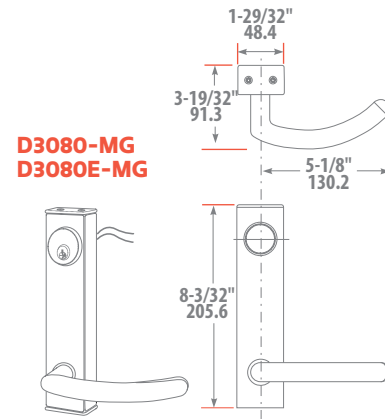
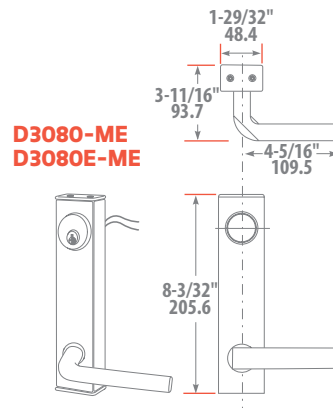
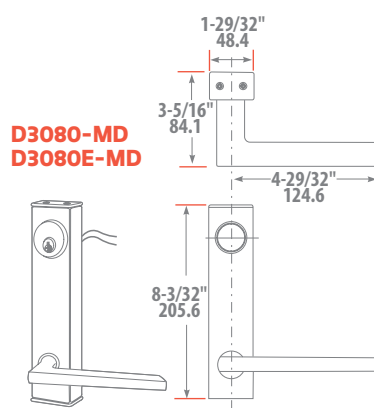
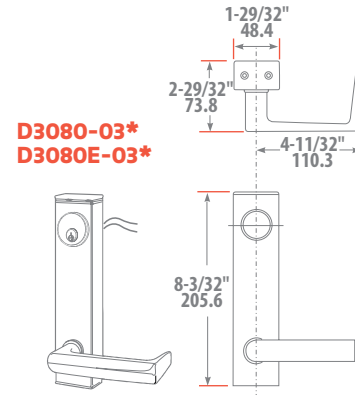
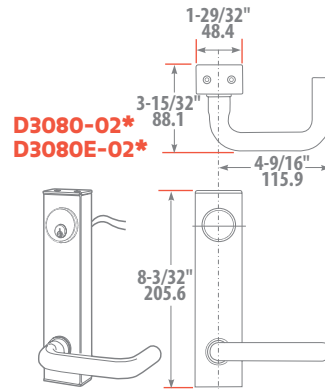
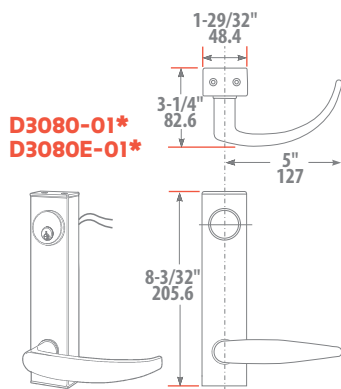
### CYLINDER CAM

3080 Series Entry Trim can accept any standard 1-5/32" diameter mortise cylinder with MS® cam dimensioned as shown. Cylinders with MS® cams can be readily obtained from most cylinder manufacturers. See CYLINDERS for cylinder make, thumbturn and trim ring information.

# D3080 SERIES

## EXIT DEVICE TRIM HARDWARE

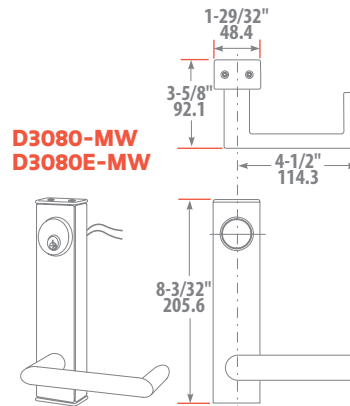
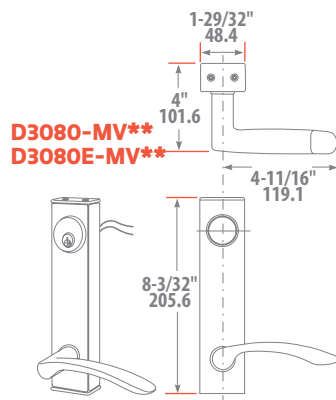
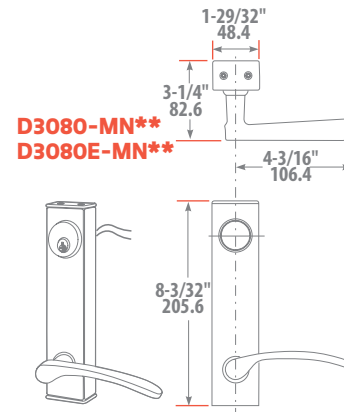
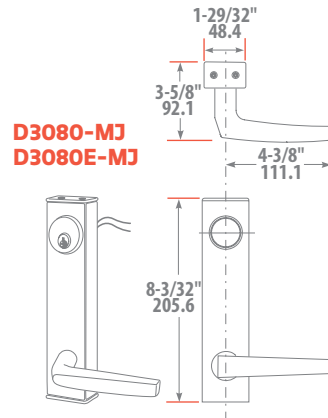
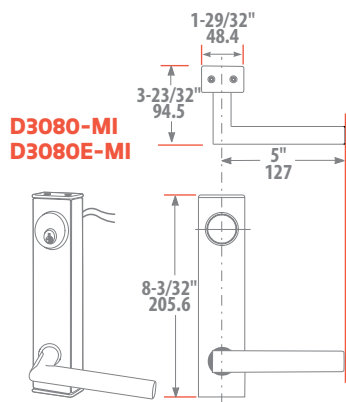
### DIMENSIONS



# D3080 SERIES

## EXIT DEVICE TRIM HARDWARE

### DIMENSIONS CONTINUED



# HOW TO ORDER

HARDWARE MODEL	DESCRIPTION	AVAILABILITY (DOOR TYPE)
D3080	• Exit Device Trim	• Metal Door Exit Devices (Excludes D3681)

UNIT TYPE	DESCRIPTION	AVAILABILITY
-	• Non Electrical - Mechanical Function Only	• All Trim Options
L	• Electrofied with Electrolynx Hardware	

HANDLE/LEVER DESIGN	DESCRIPTION	AVAILABILITY (FINISHES)
01	• Curved Lever Style	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
02	• Round Lever Style	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
03	• Square Lever Style	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
MD	• Designer Series	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
MG	• Designer Series	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
MK	• Designer Series	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
ML	• Designer Series	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
MN	• Designer Series	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
MP	• Designer Series	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
MR	• Designer Series	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
MV	• Designer Series	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E
MW	• Designer Series	• 313, 335, 628, 605, 606, 611, 612, 629, 630, 13E

HANDING	DESCRIPTION	AVAILABILITY
07	• RHR / LH - Right Hand Reverse or Left Hand Swing	• All Trim Options
08	• LHR / RH - Left Hand Reverse or Right Hand Swing	



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

CYLINDER HOLE	DESCRIPTION	AVAILABILITY
3	• With Cylinder Hole	• All Trim Options
9	• Without Cylinder Hole	

EXIT DEVICE TYPE	DESCRIPTION	AVAILABILITY
3	• Mortise Exit Device - Lock Edge Latching	• D3375 & D8375
5	• Inset Concealed Vertical Rod - Top Rod Only	• D3676,77 & D8576

FUNCTION	DESCRIPTION	AVAILABILITY
0	• Standard Trim - Non Electrical Function	
3	• 12 VDC	• Fail Safe or Fail Secure
5	• 24 VDC	• Fail Safe or Fail Secure

ELECTRICAL FEATURE	DESCRIPTION	AVAILABILITY
0	• Fail Secure	• Electrical Function Only
5	• Standard / Fail Safe	

COVER FINISH	DESCRIPTION	AVAILABILITY
-	• Standard Black Cover	• Standard Black
M	• Matching Cover	• 605, 606, 611, 612, 629, 630, 13E
R	• Round Matching Cover – Matches W3080 Trim	• 313, 335, 605, 606, 611, 612, 629, 630, 13E



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

TRIM FINISH	DESCRIPTION
313	• Dark Bronze Anodized
335	• Black Anodized
605	• US3 - Bright Brass, Clear Coated
606	• US4 - Satin Brass, Clear Coated
611	• US9 - Bright Bronze, Clear Coated
612	• US10 - Satin Bronze, Clear Coated
628	• Satin Aluminum, Clear Anodized
629	• US32 - Bright Stainless Steel
630	• US32D - Satin Stainless Steel
13E	• 10BE Dark Oxidized Satin Bronze (Equivalent to 613E)

LINE ITEM	MODEL	UNIT TYPE	HANDLE / LEVER DESIGN		HANDING	CYLINDER HOLE	FUNCTION	EXIT DEVICE TYPE	ELECTRICAL FEATURE	COVER FINISH	TRIM FINISH
	D3080	-	1	-	7	9	0	5	0	M	13E



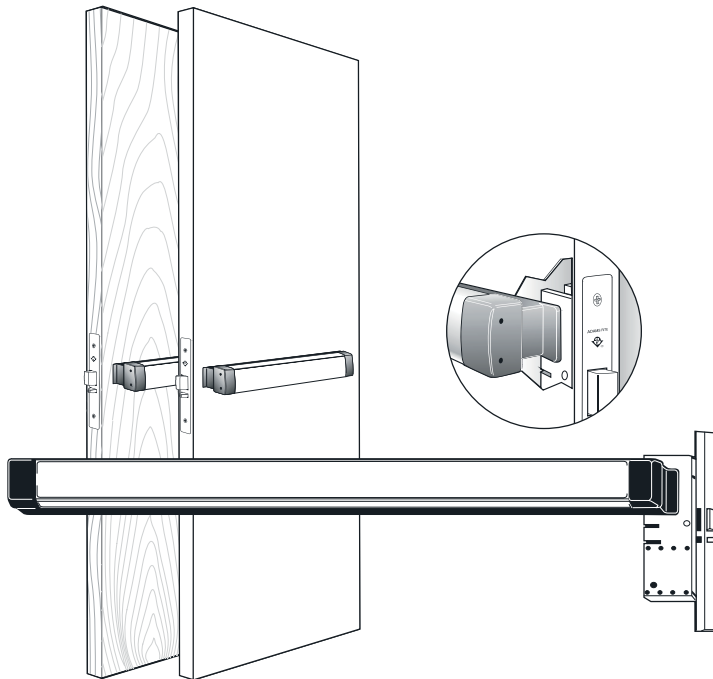
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

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



# D3375 SERIES

## INSET EXIT DEVICE HARDWARE



### FEATURES

- Heavy duty deadlatching mechanism
- Strong, durable construction for a high level of security
- Easy to install
- Clean, unobtrusive design
- Pushbar clad or anodized, not plated, in a variety of finishes

### SPECIFICATIONS

#### D3375 Series Certifications

- UL Panic-Fire Exit Hardware, 3-Hour Fire Label
- California State Fire Marshall
- New York City MEA\*
- Warnock/Hersey Listing

#### D8375 Series Certifications

- UL 305 Panic Hardware
- ANSI/BHMA A156.3 Grade 1
- California State Fire Marshall
- New York City MEA\*

*\*Consult Factory for Specific number*

#### Materials

- Pushbar made of extruded aluminum, clad, or anodized in a variety of finishes.

#### Handing

- Specify handing.

#### Pushbar Length

- Standard sizes: dimensioned for 36", and 48" openings. Standard width bars can be field cut to the next smallest opening width.

#### Door Thickness

- 1-3/4" Only.

#### Projection

- 5/8" from door face when fully projected.

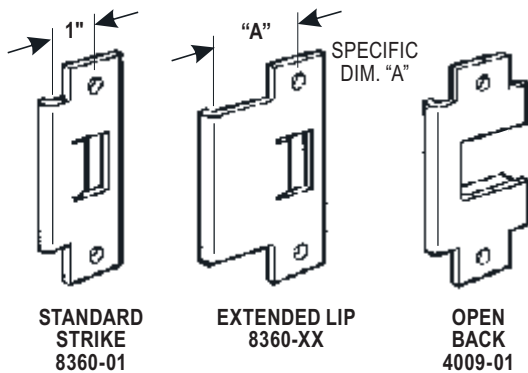
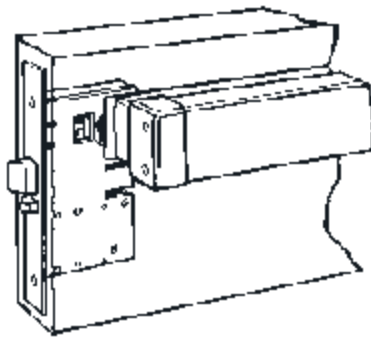
#### Strikes

- Made of stainless steel. Supplied with exit device.

# D3375 SERIES

## INSET EXIT DEVICE HARDWARE

3375 SERIES					
MODEL	TYPE	RATING	DOOR CONSTRUCTION	MAX SIZE SINGLE DOOR	MAX SIZE PAIRS & DOUBLE EGRESS
D3375	Single Point Mortise	3 Hr	Hollow Metal or Wood	4'0" x 10'0"	N/A
D8375	Single Point Mortise	N/R	Hollow Metal	4'3" x 10'0"	N/A



### SPECIFICATIONS CONTINUED

#### Dogging

- Standard dogging with hex key or cylinder dogging for D8375 Series only. Electric dogging also available for D3375 and D8375 Series.

#### D3080 Entry Trim

- See Trim Section.

#### Strikes

- Standard strike (included).



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## D3375 SERIES

## INSET EXIT DEVICE HARDWARE

### OPTIONS AND ACCESSORIES

#### Silent Electrification Motorized Latch Retraction – SE

- The SE Motorized Latch Retraction option provides near-silent operation for quiet environments such as hospitals, offices, hotels, and libraries where solenoid-driven devices would be disruptive.

#### Electric Latch Retraction – LR

- The LR option uses a solenoid mounted in the pushbar for instantaneous unlocking and locking of the exit device from a remote location or access control device. Because electrical operation of device is fail-secure, this option can be used on fire-rated as well as life-safety applications.

#### Request to Exit (REX) – Monitor / Signal Switch – MI M2

- Mounted in the exit device pushbar on the hinge end, the switch can be used to activate signal light, horn, monitor, or other devices.

#### Cylinder Dogging

- For management control of dogging exit devices for life-safety exit devices only. Nonrated door Standard.

#### Electric Dogging – ED

- A holding magnet keeps the pushbar depressed (set manually) and the latch retracted for lower profile exit devices, resulting in less damage and quieter operation.

#### Matching End Caps – MEC

- Matching end caps are available for applications where it is preferable that the end caps match the finish of the exit device.

#### Available Finishes

- 313 Dark Bronze Anodized
- 335 Black Anodized
- 605 Bright Brass
- 606 Satin Brass
- 611 Bright Bronze
- 612 Satin Bronze
- 628 Clear Anodized
- 629 Bright Stainless
- 630 Satin Stainless
- 13E Dark Oxidized Satin Bronze

# HOW TO ORDER

## D3375 SERIES

HARDWARE MODEL	DESCRIPTION	AVAILABILITY (DOOR TYPE)
D3375	<ul style="list-style-type: none"> <li>Inset Mortis Exit Device - Lock Edge Latching</li> </ul>	<ul style="list-style-type: none"> <li>Metal Doors - Rated for Single Door Application or Pairs with a fixed hollow Metal Mullion</li> </ul>
D8575	<ul style="list-style-type: none"> <li>Inset Mortis Exit Device - Lock Edge Latching</li> </ul>	<ul style="list-style-type: none"> <li>Metal Doors - Non Rated for Single Door Application or Pairs with a fixed hollow Metal Mullion</li> </ul>

ELECTRICAL OPTIONS	DESCRIPTION	AVAILABILITY (LENGTHS)
-02	<ul style="list-style-type: none"> <li>Non Electrical - Mechanical Function Only</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XM	<ul style="list-style-type: none"> <li>Single Monitor Switch with Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XM2	<ul style="list-style-type: none"> <li>Dual Monitor Switch with Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XED	<ul style="list-style-type: none"> <li>Electric Dogging with Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XEDM	<ul style="list-style-type: none"> <li>Electric Dogging with Single Monitor Switch with Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XEDM2	<ul style="list-style-type: none"> <li>Electric Dogging with Dual Monitor Switch with Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XSE	<ul style="list-style-type: none"> <li>Silent Electrification with Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XSEM	<ul style="list-style-type: none"> <li>Silent Electrification with Single Monitor Switch and Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XSEM2	<ul style="list-style-type: none"> <li>Silent Electrification with Dual Monitor Switch and Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XLR	<ul style="list-style-type: none"> <li>Electric Latch Retraction with Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XLRM	<ul style="list-style-type: none"> <li>Electric Latch Retraction with Single Monitor Switch and Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>
XLRM2	<ul style="list-style-type: none"> <li>Electric Latch Retraction with Dual Monitor Switch and Electrolynx Cable</li> </ul>	<ul style="list-style-type: none"> <li>36" &amp; 48"</li> </ul>

BAR LENGTHS	DESCRIPTION	AVAILABILITY (DOOR WIDTH)
36"	<ul style="list-style-type: none"> <li>Exit Device Bar Length of 24.5" from end cap to end cap</li> </ul>	<ul style="list-style-type: none"> <li>35-1/16" to 41" Door Width</li> </ul>
48"	<ul style="list-style-type: none"> <li>Exit Device Bar Length of 30.5" from end cap to end cap</li> </ul>	<ul style="list-style-type: none"> <li>41-1/16" to 51" Door Width</li> </ul>

HANDING	DESCRIPTION	AVAILABILITY
07	<ul style="list-style-type: none"> <li>RHR - Right Hand Reverse Swing</li> </ul>	<ul style="list-style-type: none"> <li>All Exit Device Models</li> </ul>
08	<ul style="list-style-type: none"> <li>LHR - Left Hand Reverse Swing</li> </ul>	



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

## D3375 SERIES

FINISH	DESCRIPTION
313	• Dark Bronze Anodized
335	• Black Anodized
605	• US3 - Bright Brass, Clear Coated
606	• US4 - Satin Brass, Clear Coated
611	• US9 - Bright Bronze, Clear Coated
612	• US10 - Satin Bronze, Clear Coated
628	• Satin Aluminum, Clear Anodized
629	• US32 - Bright Stainless Steel
630	• US32D - Satin Stainless Steel
13E	• 10BE Dark Oxidized Satin Bronze (Equivalent to 613E)

ACCESSORIES	DESCRIPTION	AVAILABILITY (FINISH)
	• Standard Black Plastic End Cap	• 313, 335, 628
MEC	• Matching End Caps	• 605, 606, 611, 612, 629, 630, 13E

LINE ITEM	MODEL	ELECTRIC OPTION	HANDING	BAR LENGTH	FINISH	ACCESSORIES
	D3375	-	07	36	630	MEC



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

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

# D3680 SERIES

## PUSH X PULL HARDWARE



### FEATURES

- Patented top latching mechanism interlocks door to frame
- Strong, durable construction for a high level of security
- Adjustable steel rods protected in contoured covers
- Easy to install
- Clean, unobtrusive design
- Pushbar clad or anodized, not plated, in a variety of finishes.

### SPECIFICATIONS

#### D3681 Only Series Certifications Rated

- UL Panic-Fire Exit Hardware, 3-Hour Fire Label
- California State Fire Marshall
- New York City MEA\*
- Warnock/Hersey Listing

#### D3681 Only Series Certifications Non-Rated

- UL 305 Panic Hardware
- ANSI/BHMA A156.3 Grade 1
- California State Fire Marshall
- New York City MEA\*

*\*Consult factory for specific number*

#### D3680 Series

- Exceeds ANSI/BHMA A156.32 Integrated Door Opening Assemblies Grade 1 Standards
- BHMA Type: Q2131

#### Materials – D3681 Only

- Pushbar made of extruded aluminum, clad or anodized in a variety of finishes. Push pull made of stainless steel.

#### Handing

- Specify handing

#### Pushbar Length – D3681 Only

- Standard sizes: dimensioned for 36", 48" and 60"

#### Door Heights

- Max available height is 10'0" depending on opening type, core and rating

#### Door Thickness

- 1 – 3/4" only

#### D3681 Model Only

- 5/8" projection push bar D3682, D3683, D3684 operational mode



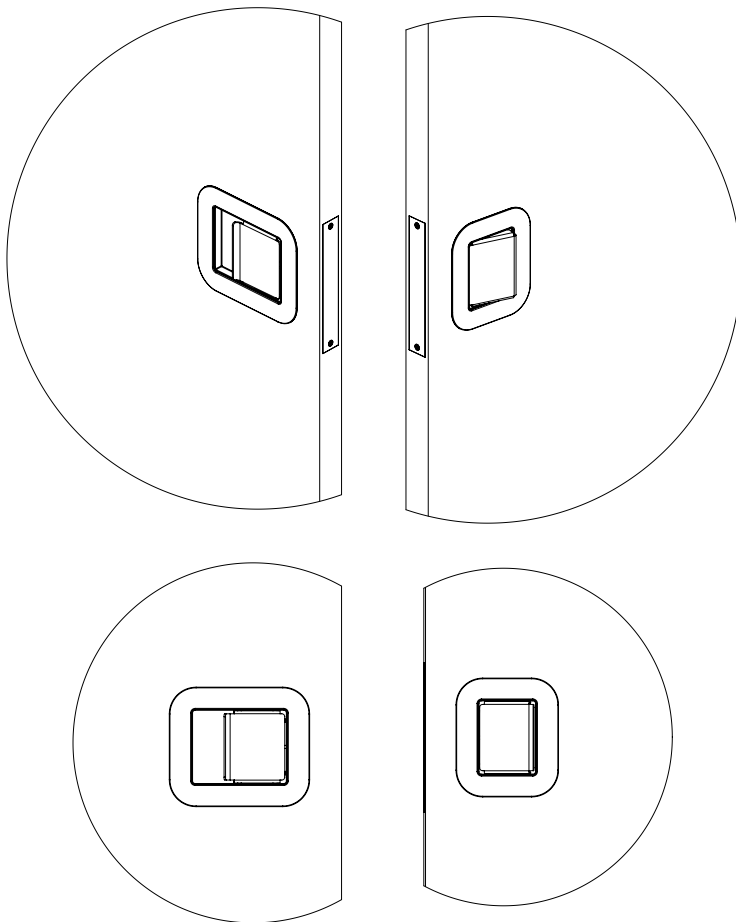
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# D3680 SERIES

## PUSH X PULL HARDWARE

D3680					
MODEL	TYPE	RATING	DOOR CONSTRUCTION	MAX SIZE SINGLE DOOR	MAX SIZE PAIRS & DOUBLE EGRESS
D3680	Push & Pull or Pull	3 Hr	Hollow Metal	4'3" x 10'0"	8'6" x 10'0"
D3680	Push & Pull or Pull	N/R	Hollow Metal	4'3" x 10'0"	8'6" x 10'0"

\*May be used with 3100 or 3600 Series with an open back strike.



### SPECIFICATIONS CONTINUED

#### Push Pull Projection

- Flush

#### Dogging

- Dogging feature available with the SE Option (D3681 model only)

#### Bolts and Strikes

- The patented top latching mechanism utilizes a rotating top bolt which deadlatches around the header strike, interlocking the door to the frame. Supplied with standard header strike.



## D3680 SERIES

## PUSH X PULL HARDWARE

### OPTIONS AND ACCESSORIES – D3681 ONLY

#### Silent Electrification Motorized Latch Retraction – SE

- The SE Motorized Latch Retraction option provides near-silent operation for quiet environments such as hospitals, offices, hotels, and libraries where solenoid-driven devices would be disruptive.

#### Request To Exit (REX) – Monitor/Signal Switch – M1, M2

- Mounted in the exit device pushbar on the hinge end, the switch can be used to activate signal light, horn, monitor, or other devices.

#### Cylinder Dogging

- For management control of dogging exit devices for life-safety exit devices only. Non rated doors, standard.

#### Electric Dogging – ED

- A holding magnet keeps the pushbar depressed (set manually) and the latch retracted for lower profile exit devices, resulting in less damage and quieter operation.

#### Matching End Caps – MEC

- Matching end caps are available for applications where it is preferable that the end caps match the finish of the exit devices. Available for US finishes only.

### FINISH OPTIONS

#### Pull/Push Finish Options

- 119PC Black Powdercoat
- 626 (US26D) Satin Chromuim Plated

#### Exit Device Push bar finish options

- 313 Dark Bronze Anodized
- 335 Black Anodized
- 605 – US3 Bright Brass
- 606 – US4 Satin Brass
- 611 – US9 Bright Bronze
- 612 – US10 Satin Bronze
- 628 Clear Anodized
- 629 – US32 Bright Stainless
- 630 – US320 Satin Stainless
- 13E – 10BE Dark Oxidized Satin Bronze (Equiv. to 613E)

# HOW TO ORDER

## D3681 SERIES

HARDWARE MODEL	DESCRIPTION	AVAILABILITY (DOOR TYPE)
D3681	• Pull x Inset Exit Device - Concealed Top Latch Only	• Metal Door

HANDING	DESCRIPTION	AVAILABILITY
07	• RHR - Right Hand Reverse Swing	• All Exit Device Models
08	• LHR - Left Hand Reverse Swing	

DOOR HEIGHT	DESCRIPTION	AVAILABILITY
1	• Door Height of 6'0" to 8'0"	• Door Height Up To 10'0"
3	• Door Height of 8' 1/16" to 9'0"	
9	• Door Height of 9' 1/16" to 10'0"	

ELECTRICAL OPTIONS	DESCRIPTION	AVAILABILITY (LENGTHS)
00	• Non-Electrical - Mechanical Function Only	• 30", 36" & 48"
XM	• Single Monitor Switch with Electrolynx Cable	• 30", 36" & 48"
XM2	• Dual Monitor Switch with Electrolynx Cable	• 30", 36" & 48"
XED	• Electric Dogging with Electrolynx Cable	• 30", 36" & 48"
XEDM	• Electric Dogging with Single Monitor Switch with Electrolynx Cable	• 36" & 48"
XEDM2	• Electric Dogging with Dual Monitor Switch with Electrolynx Cable	• 36" & 48"
XSE	• Silent Electrification with Electrolynx Cable	• 36" & 48"
XSEM	• Silent Electrification with Single Monitor Switch and Electrolynx Cable	• 36" & 48"
XSEM2	• Silent Electrification with Dual Monitor Switch and Electrolynx Cable	• 36" & 48"
XLR	• Electric Latch Retraction with Electrolynx Cable	• 36" & 48"
XLRM	• Electric Latch Retraction with Single Monitor Switch and Electrolynx Cable	• 36" & 48"
XLRM2	• Electric Latch Retraction with Dual Monitor Switch and Electrolynx Cable	• 36" & 48"

BAR LENGTHS	DESCRIPTION	AVAILABILITY (DOOR WIDTH)
36	• Exit Device Bar Length of 18.5" from end cap to end cap	• 34" to 37" Door Width
48	• Exit Device Bar Length of 24.5" from end cap to end cap	• 37 1/16" to 48" Door Width
60	• Exit Device Bar Length of 30.5" from end cap to end cap	• 48 1/16" to 60" Door Width



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

## D3681 SERIES

FINISH	DESCRIPTION
313	• Dark Bronze Anodized
335	• Black Anodized
605	• US3 - Bright Brass, Clear Coated
606	• US4 - Satin Brass, Clear Coated
611	• US9 - Bright Bronze, Clear Coated
612	• US10 - Satin Bronze, Clear Coated
628	• Satin Aluminum, Clear Anodized
629	• US32 - Bright Stainless Steel
630	• US32D - Satin Stainless Steel
13E	• 10BE Dark Oxidized Satin Bronze (Equivalent to 613E)

ACCESSORIES	DESCRIPTION	AVAILABILITY (FINISH)
	• Standard Black Plastic End Cap	• 313, 335, 628
MEC	• Matching End Caps	• 605, 606, 611, 612, 629, 630, 13E

MISC. OPTIONS	DESCRIPTION
29-0206	• Thermal Pin (Fire Pin) - Supplied Standard with D3677 Single Rated Door

LINE ITEM	MODEL	HANDING	DOOR HEIGHT	PULL FINISH	ELECTRICAL OPTIONS	BAR LENGTH	BAR FINISH	ACCESSORIES	MISCOPTIONS (SINGLE PART)
	D3681	07	1	1	00	36	630	MEC	



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

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

# HOW TO ORDER

## D3682, 83, 84 SERIES

HARDWARE MODEL	DESCRIPTION	AVAILABILITY (DOOR TYPE)
D3682	• Pull x Inset Exit Device – Concealed Top Latch Only	• Metal Door Only
D3683	• Pull Only – Concealed Top Latch Only	
D3684	• Push Only – Concealed Top Latch Only	

HANDING	DESCRIPTION	AVAILABILITY
07	• LH/RHR – Left or Right Hand Reverse Swing	• Push x Pull Models
08	• RH/LHR – Right or Left Hand Reverse Swing	

DOOR HEIGHT	DESCRIPTION	AVAILABILITY
1	• Door Height of 6'0" to 8'0"	• Door Height Up To 10'0"
3	• Door Height of 8' 1/16" to 9'0"	
4	• Door Height of 9' 1/16" to 10'0"	

PULL FINISH	DESCRIPTION	AVAILABILITY
1	• 119PC Black Powder Coat	• Pull Finish Only
2	• 626 (US26D) Satin Chromium Plated	

MISC. OPTIONS	DESCRIPTION	AVAILABILITY
29-0206	• Thermal Pin (Fire Pin) – Supplied Standard with D3680 Single Rated Door	• 626

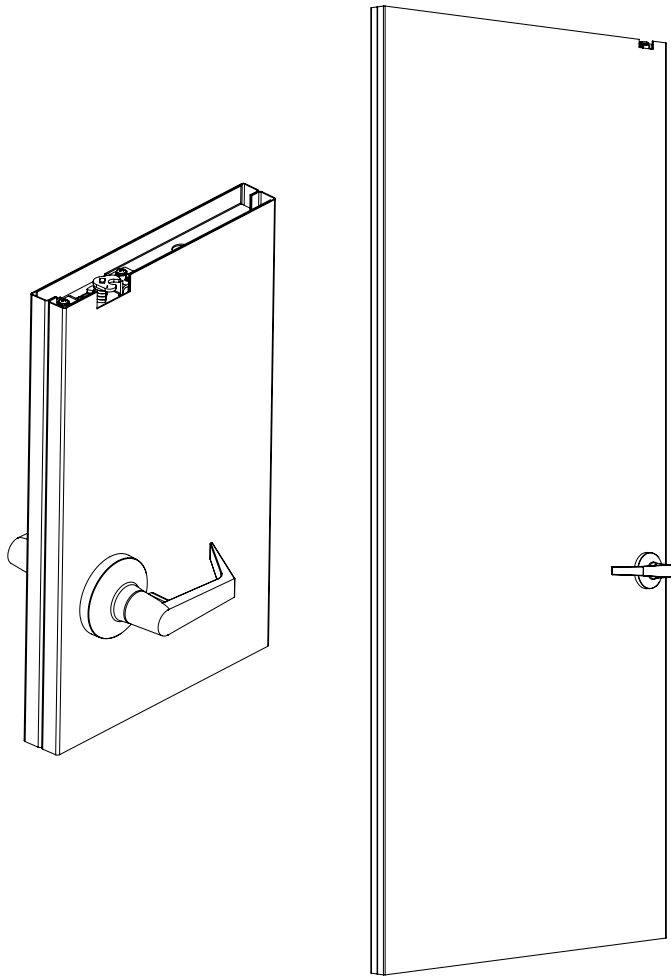
LINE ITEM	MODEL	HANDING	DOOR HEIGHT	PULL FINISH	MISC OPTIONS (SINGLE PART)
	D3681	07	1	1	



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## LEVER X LEVER

## D3640 SERIES



## FEATURES

- **Levers on either side** of The RITE Door activate the top latching mechanism, interlocking the door to the frame. Each leaf to operate independently eliminating the need for floor strikes, center latches, flush bolts, astragals or coordinators.
- **Innovative top rod only design** makes preparation easier and reduces maintenance.
- **Locking functions feature** the Free Wheeling lever mechanism. When the outside lever is locked, it will rotate freely up and down while remaining securely locked. The top latching mechanism utilizes a rotating Top bolt which deadlatches around the header strike, interlocking the door to the frame.
- **Lever Functions** (D3644, 45, 46, 47, 48) accept standard and IC core.
- **5 lever functions** including electrified.
- **3 lever designs** available.

## CERTIFICATIONS

## ANSI/BHMA

Certified ANSI/BHMA A156.2

- Meets accessibility guidelines of the Americans with Disabilities Act and the requirements of the Uniform Federal Accessibility Standards and ANSI 117.1, all requiring ease of accessibility for the handicapped.
- Conforms to ANSI/BHMA specifications A156.115-W which covers hardware preparations for wood doors with wood or steel frames.
- Designed and manufactured under a certified ISO 9001 quality system.

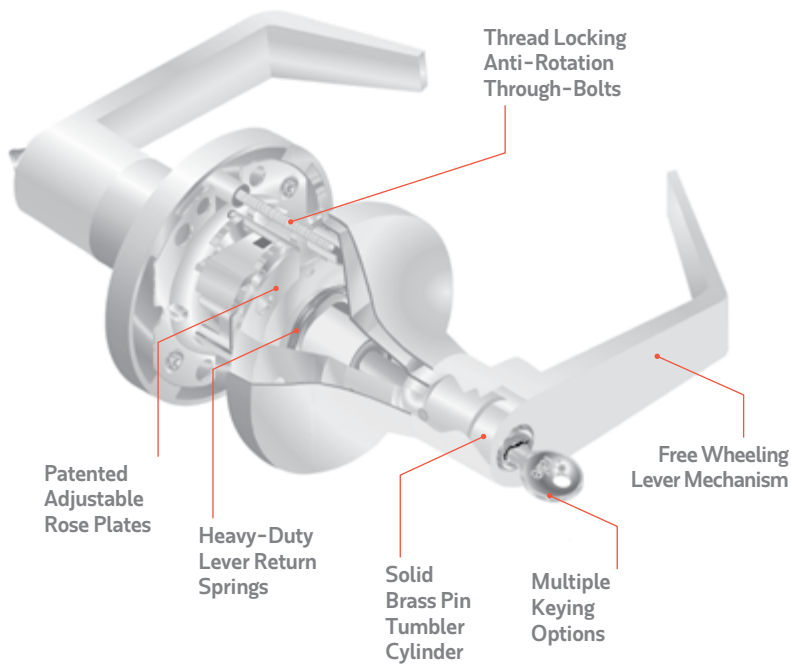
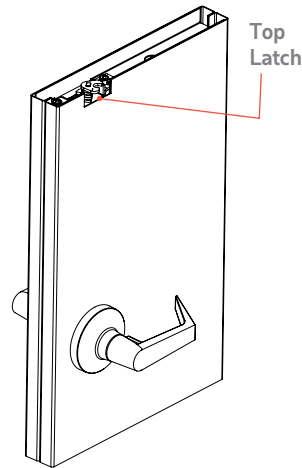


ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LEVER X LEVER

## D3640 SERIES



### SPECIFICATIONS

#### Handing

- Specify handing

#### Door Thickness

- 1-3/4" only

#### Projection

- Varies from 3" to 3-1/4" based on lever type

#### Strike

- Made of hardened steel
- Supplied with lever x lever

#### Finishes

- 605 Bright Brass, Clear Coated
- 606 Satin Brass, Clear Coated
- 612 Satin Bronze, Clear Coated
- 613 Dark Oxidized Satin Bronze, Oil Rubbed
- 625 Bright Chrome Plated
- 626 Satin Chrome Plated
- 13E Dark Oxidized Satin Bronze (Equivalent to 613E)

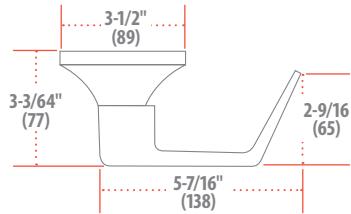


ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

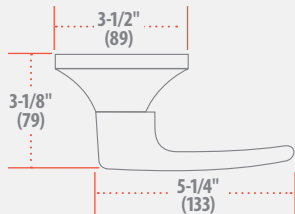
# LEVER X LEVER

## D3640 SERIES LEVER DESIGNS



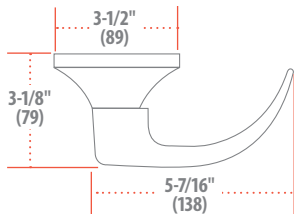
### STRAIGHT WITH RETURN LEVER HANDLE

Lever  
Cast Zinc  
Rose  
Cold Forged Brass, Bronze



### STRAIGHT

Lever  
Cast Zinc  
Rose  
Cold Forged Brass, Bronze



### CURVED WITH RETURN LEVER HANDLE

Lever  
Cast Zinc  
Rose  
Cold Forged Brass, Bronze



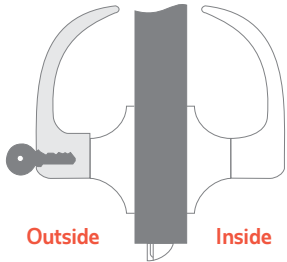
ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# LEVER X LEVER

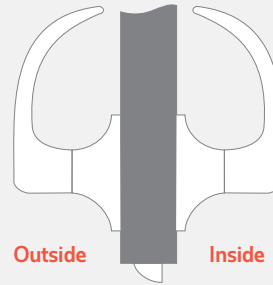
## D3640 SERIES LEVER FUNCTIONS



### D3644

#### Classroom Lock

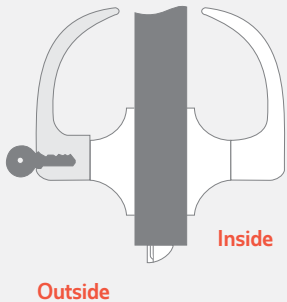
- For classroom or utility room doors
- Deadlocking latchbolt
- Either lever operates latchbolt (except when outside lever is locked by key)\*
- Inside lever always active
- Outside lever locked\* or unlocked only by key
- Core available



### D3645

#### Passage Latch

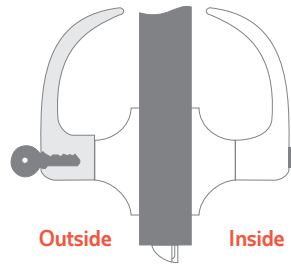
- For doors that do not require locking
- Either lever operates latchbolt at all times
- No core option – Prefix 00



### D3646

#### Storeroom Lock

- For use on storeroom, utility, and exit doors
- Deadlocking latchbolt
- Latchbolt operated by lever inside, key in outside lever
- Outside lever always locked\*
- Inside lever always active
- Core available



### D3648

#### Entry Lock

- For entrance or office doors
- Deadlocking latchbolt
- Either lever operates latchbolt (except when outside lever is locked from inside)\*
- Pushing button in inside lever locks outside lever (automatically releases when inside lever is turned or key is rotated in locked outside lever).
- Latchbolt is operated by key in outside lever or by rotating inside lever
- Inside lever always active
- Core available

# LEVER X LEVER

## D3647 SERIES: ELECTRICIFIED LEVER FUNCTIONS



OUTSIDE   INSIDE	FUNCTION	FUNCTION DESCRIPTION
	<b>D3647</b> with Core	<b>FAIL SAFE</b> <ul style="list-style-type: none"> <li>• Power on locks outside lever</li> <li>• Inside lever always active</li> <li>• Latchbolt retracted by key when locked electrically</li> <li>• Free Wheeling lever when locked electrically</li> </ul>
	<b>D3647</b> with Core	<b>FAIL SECURE</b> <ul style="list-style-type: none"> <li>• Power on unlocks outside lever</li> <li>• Inside lever always active</li> <li>• Latchbolt retracted by key when power is off</li> <li>• Free Wheeling lever when power is off (locked)</li> </ul>
	<b>D3647</b> without Core	<b>FAIL SAFE</b> <ul style="list-style-type: none"> <li>• Power on locks outside lever</li> <li>• Inside lever always active</li> <li>• Latchbolt retracted either side except when outside lever is locked electrically</li> <li>• Free Wheeling lever when locked electrically</li> </ul>
	<b>D3647</b> without Core	<b>FAIL SECURE</b> <ul style="list-style-type: none"> <li>• Power on unlocks outside lever</li> <li>• Inside lever always active</li> <li>• Latchbolt retracted either side when power is off</li> <li>• Free Wheeling lever when power is off (locked)</li> </ul>

### ELECTRICIFIED FUNCTIONS

- Self-contained, continuous-duty integral solenoid (allows installation in standard cylindrical prep)
- Available Fail Safe or Fail Secure
- Available in 12 or 24 volts DC
- Mechanical cylinder override
- All D3640 cylinder options

#### REX

Request to Exit — Operating inside lever handle triggers REX switch which can be used to shunt an alarm, monitor egress or release a magnetic lock, etc.

#### ElectroLynx

Electrified D3647 Series locks are equipped with ElectroLynx connectors. As a standard feature, these connectors link power from the incoming source to electrified locking products, including hinges, locks, exit devices, magnetic holders and strikes.

*NOTE: Electrified door hardware with ElectroLynx connectors requires a compatible number of lead wires attached to the door hinge.*

#### Strike

- Made of hardened steel
- Supplied with lever x lever

### ELECTRICAL SPECIFICATIONS

- Continuous duty solenoid
  - 150 mA @ 24 VDC
  - 300 mA @ 12 VDC
- REX (SPDT) contact Rating
  - 2A @ 24 VDC

#### Voltage

- 1: 12 VAC/VCD Fail Safe
- 2: 24 VAC/VCD Fail Safe
- 3: 12 VAC/VCD Fail Secure
- 4: 24 VAC/VCD Fail Secure



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## LEVER X LEVER

## SAMPLE SPECIFICATIONS

### SAMPLE SPECIFICATIONS

- All locksets shall be D3640 Series Grade 1 cylindrical lever locksets as assembled by The RITE Door.
- Lockset chassis shall be constructed of heavy-gauge cold-rolled steel, chrome plated to protect against rust and corrosion. Locksets shall fit doors 1-3/4" (44mm) thick.
- Locksets shall be non-handed, and shall install easily without the need for specialized installation tools.
- Locksets shall have solid one-piece, cast levers without plastic inserts, and shall be a minimum of 5-1/4" in length. Levers shall operate independently, and shall have inside and outside lever return springs. Outside levers on the keyed locksets shall be removable only when the designated key is in the cylinder.
- Locksets shall have the capability of accepting 7-pin standard, interchangeable core and high-security cylinders to provide expansion capacity for large master keyed systems.
- Vandal resistant levers shall be offered as a standard feature in all locking functions, and shall be Free Wheeling in the locked condition. Locksets that are rigid in the locked condition or which must require resetting (breakaway) are not acceptable.
- All locksets shall carry a comprehensive five-year mechanical warranty. Locksets shall carry a lifetime warranty against lever sag or lever spring breakage.
- Standard EPT/CEPT location: center line of the operational hardware prep is in line with the wire exit of the EPT/CEPT. Customer must specify at time of order if EPT/CEPT is to be located elsewhere.

### All locksets shall comply with the following certifications

- UL 3 Hour Fire Rating
- ANSI/BHMA A156.2 Series 4000, Grade 1
- ANSI A117.1 Accessibility Code
- ANSI/BHMA A156.115-W Preparation



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LEVER X LEVER

## HOW TO ORDER

MODEL	DESCRIPTION	AVAILABILITY
D3644	Cylindrical Lock – Concealed Top Rod Latching – Classroom	Metal Door Only – Rated and Non-Rated
D3645	Cylindrical Lock – Concealed Top Rod Latching – Passage	
D3646	Cylindrical Lock – Concealed Top Rod Latching – Store Room	
D3647	Cylindrical Lock – Concealed Top Rod Latching – Electrified	
D3648	Cylindrical Lock – Concealed Top Rod Latching – Office	

LEVER TYPE	DESCRIPTION	AVAILABILITY
1	Straight Lever Handle	All Cylindrical Locks
8	Straight with Return Lever Handle	
9	Curved with Return Lever Handle	

CYLINDER TYPE	DESCRIPTION	AVAILABILITY (FINISHES)
00	Blank (Passage)	All Cylindrical Locks
01	Interchangeable Core (LIFC)	
02	Interchangeable Construction Core	
03	Special Order Core – Customer Specified	
04	LFIC – Less Core (Mortised Hole in Lever)	
05	Permanent Core	

HANDING	DESCRIPTION	AVAILABILITY
07	RH / LHR – Right Hand Swing or Left Hand Reverse Swing	All Cylindrical Locks
08	LH / RHR – Left Hand Swing or Right Hand Reverse Swing	



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LEVER X LEVER

## HOW TO ORDER

FINISH	DESCRIPTION	AVAILABILITY
605	Bright Brass, Clear Coated	7 Weeks
606	Satin Brass, Clear Coated	7 Weeks
612	Satin Bronze, Clear Coated	7 Weeks
613	Oil Rubbed Bronze	5 Weeks
625	Bright Chrome	7 Weeks
626	Satin Chrome	5 Weeks
13E	Dark Oxidized Satin Bronze (Equivalent to 613E)	7 Weeks

VOLTAGE	DESCRIPTION	AVAILABILITY
0	No Electrical Function	D3647 Only
1	12-VAC/VCD Fail Safe	
2	24-VAC/VCD Fail Safe	
3	12-VAC/VCD Fail Secure	
4	24-VAC/VCD Fail Secure	
5	24-VDC REX – Request to Exit	

DOOR HEIGHT	DESCRIPTION	AVAILABILITY
1	6'0" – 8'0" Door Height	All Cylindrical Locks
2	8'0" – 10'0" Door Height	

LINE ITEM	MODEL	LEVER TYPE	CYLINDER TYPE	HANDING	FINISH	VOLTAGE	DOOR HEIGHT
	D3641	1	00	07	630		1



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LEAD LINED

## LEAD LINED DOORS



### LEAD LINED HOLLOW METAL DOOR

- All Doors are Steel Stiffened
- Hollow Metal LL door primed finish 14, 16 or 18 Gauge
- Stainless Steel Door 16ga type 304 standard
- Hollow Metal/Plastic Laminate skin. 14 or 16 Gauge. Edge Guards Required with HPL Doors
- Single swing, Standard Pairs and Double Egress available Opening types

### HARDWARE APPLICATION TYPES

- **D3676** Inset Exit Device for Fire-Rated Pairs
- **D3677** Inset Exit Device for Fire-Rated Single Doors
- **D3080** Trim with 12 Different Lever Designs
- **D3375** Mortise Exit Device
- **D3640** Series Lever X Lever Cylindrical Lock
- **D3681** Inset Exit Device X Flush Pull
- **D3682** Push X Pull Hardware
- **D3683** Pull Only Hardware
- **D3684** Push Only Hardware
- **D3621** Flush bolt for paired applications.
- Continuous Hinges standard; we will prep for Butt Hinges, Pocket Pivots or Offset Pivots (supplied by others)
- Available in RITE Door Standard Finishes

### SIZES AVAILABLE

- Singles 3hr 4'0 x 10'0 / 90 Min 4'3 x 10'0
- Pairs & Double Egress 3hr 8'0 x 10'0 / 90 Min 8'6 x 10'0

### LEAD THICKNESS

- 1/16" maximum

# PERFORMANCE STANDARD

## SPECIFICATION COMPLIANCE

### 08 11 13 SPECIFICATION COMPLIANCE

RITE Door's product quality and performance is equal to or exceeds the manufacturers listed in most 08 11 13 Specification.

Manufacturers listed in the 08 11 13 Specifications that are members of the Steel Door Institute (SDI) comply with the SDI standards. RITE Door's is an active member of the SDI and has developed products meeting applicable commercial hollow metal material, fabrication, and performance standard requirements including: HMMA, ANSI, ANSI/DHI, ASTM, SDI, and NFPA.

The specific sections of the Section 08 11 13 specification have been reviewed as follows:

### SECTION 2.2 MATERIALS

#### A, B, C

Steel used in RITE Door's products meet ASTM requirements listed in ANSI A250.8. Cold rolled, hot rolled, galvanized, galvanized, and stainless steel products are summarized.

RITE DOOR'S PRODUCT USES	MATERIAL GAUGE	STEEL TYPE	ASTM DESIGNATION
Doors Frames	14, 16, 18 14, 16, 18	Cold Rolled	A568/A568M A1008/A1008M*
Reinforcing Door Hinge/Lock Channels	11, 7, 14, 12, 10	Hot Rolled	A568/A568M A1011/A1011M*
Doors Frames	18, 16, 14 14, 16, 18	Galvanized A60	A653A653M A1011/A1011M**
Doors Frames	16, 14, 16	Stainless Steel	A480/A480M

\*formerly ASTM A569, RITE Door's product complies with ASTM A569 and ASTM A1008

\*\*formerly ASTM A366 and ASTM A620, RITE Door's product complies with ASTM A366, ASTM A620, and ASTM A1011



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# PERFORMANCE STANDARD

## SPECIFICATION COMPLIANCE

### SECTION 2.3 DOORS

#### A, B, C

RITE Door 16 gauge, 370, N-Edge doors meet the requirements of ANSI A250.8, Level 3, Physical Performance Level A. Door edge seams can be prepared as Model 1 (full flush with edge seam) or Model 2 (seamless) and remain compliant with Level 3. In fact, 18 gauge (0.043", Level 2) 370 series doors meet the Level A requirements as indicated:

#### Test Levels & Cycles (ANSI A250.4)

RITE DOOR'S DOOR TYPE AND FRAME TYPE	LEVEL C 250,000	LEVEL B 500,000	LEVEL A 1,000,000	BEYOND LEVEL A 1,500,000	BEYOND LEVEL A 2,000,000
16 ga. (0.053"), 370 door, N-Edge*					
18 ga. (0.043"), 370 door, N-Edge					
16 ga. (0.053"), 5-3/4" jamb depth, KD drywall slip-on frame with compression anchor and standard base anchors					
16 ga. (0.053"), 5-3/4" jamb depth, KD masonry frames and anchors					
20 ga. (0.034"), 370 door, N-Edge					

\* ANSI A250.8 only requires a 3'0" x 7'0" door, but RITE Door tested a 4'0" x 7'0" door. In spite of the increased potential for failure, the RITE Door door exhibited exceptional performance.

#### D

**Vision Lite Systems:** lite kits are available for 3/8", 5/8", 7/8", and 1-1/8" thick glass.

### SECTION 2.4 FRAMES

#### B, C

Steel doors installed in 16 gauge (0.053") or 14 gauge (0.067") frames meet ANSI 250.8, Level 1-4 requirements. 12 gauge (0.093"), 14 gauge (0.067"), 16 gauge (0.053"), or 18 gauge (0.042") frames can be provided for use with steel or wood doors.

#### D

Door silencers: frame stops can be fabricated to accept three silencers on single door frames and two silencers on double door frame heads.

#### F, G

**Supports and Anchors:** various anchors are available as 16 gauge (0.053") or 18 gauge (0.042") cold rolled, zinc-coated, or metallic-coated steel. Galvanized wall anchors (0.187" diameter wire) are available for masonry construction applications. Zinc-coated bolts used with existing opening anchors comply with ASTM A510 and ASTM B633, SC1, Type III, FF-S-325, Group II, Type 3, Class 3.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

PERFORMANCE  
STANDARD

## SPECIFICATION COMPLIANCE

## SECTION 2.5 FABRICATION

**A**

RITE Door steel doors and frames are fabricated to comply with ANSI A250.8.

**B**

The RITE Door door design incorporates 0.053" inverted top and bottom channels.

**D**

Polystyrene cores used in RITE Door's 370 series doors are bonded to the door skins using contact adhesive and complies with SDI standards.

**E**

Non-fire rated Door Clearances: hinge side clearance = 1/16", top and lock side clearance = 1/8", bottom clearance = 5/8", and clearance between pairs of doors = 1/4"

**F**

Fire Rated Door Clearances: doors meeting clearance requirements of NFPA 80 can be fabricated.

**G**

Single-Acting Door Edge Profile: square or beveled (1/8" in 2") edge doors can be provided.

**H**

Products are fabricated complying with SDI 117.

**I**

Concealed stiffeners, reinforcement, edge channels, louvers, and mouldings are fabricated from cold-rolled or hot-rolled steel.

**J**

Exposed screws or bolts are flat countersunk or oval head, unless otherwise specified.

**K**

Thermal-Rated (Insulating) Assemblies: thermal-rated assemblies can be provided with U-value of 0.41Btu/(ft<sup>2</sup>.hr.°F) or better when tested in accordance to ASTM C236 using seals and automatic door bottom.

**L**

Hardware Preparation: doors and frames are prepared according to template hardware, ANSI A250.6, and ANSI A115 series specifications. Space, cutouts, reinforcement, and provisions for fastening concealed overhead door closers can be provided.

**M**

Frame Construction: frames can be fabricated with mitered and continuously welded corners and seamless face joints. Knockdown (KD) drywall slip-on frames can be fabricated for in-place gypsum board partitions. Welded frames are provided with temporary spreading bars.

**N**

Reinforcing for surface applied hardware can be provided on doors and frames.

**O**

Hardware can be located as indicated on shop drawings or ANSI/BHMA A156.A115 and ANSI-SDI A250.8 standards. If not indicated, hardware will be located according to the following RITE Door standards:

**Locks**

38" Above finish floor

**Inset Eat Device/Morise Panic Devices**

38" Above finish floor

**PUSH/PULLS:**

38" Above finish floor

**P**

Glazing Stops: Non-removable 18 gauge (0.043") stops will be provided on outside of exterior doors and secure side of interior doors for glass, louvers, and other panels in doors. Screw applied removable stops will be provided on the inside of glass, louvers, and other panels in doors.

**Q**

Astragals can be provided as required by NFPA 80 to comply with the indicated fire ratings.

## SECTION 2.6 FINISHES

**A**

RITE Door standard factory-applied rust-inhibiting primer has been tested in accordance with ANSI A250.10.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# PERFORMANCE STANDARD

## ARCHITECTURAL TECH DATA 1

### SDI TECHNICAL DOCUMENTS

The following is a list of the current Technical Documents available from the Steel Door Institute. All of these documents are contained in the SDI Fact File, and are for the first time available to download for free. The listed prices are for ordering hard copies, available individually in any quantity.

#### What Is The SDI?

A 4-page brochure discussing the Institute, its organization, structure and its activities.

#### SDI The Standard Steel Door and Frame Story

This document provides an overview of the products of the industry and general information concerning standard steel doors and frames.

#### SDI-108-10 Recommended Selection and Usage Guide for Standard Steel Doors

This document was developed to establish guide criteria for the selection and usage of 1-3/4" standard steel doors in such building types as apartment, dormitory, hotel/motel, hospital/nursing home, industrial, office and school.

#### SDI-110-09 Standard Steel Doors and Frames for Modular Masonry Construction

This document contains information in respect to, as the title indicates, the installation of standard steel doors and frames in modular masonry construction. The basic module covered in the document as developed by the industry is 4".

#### SDI-111-09 (Series) Recommended Selection & Usage Guide for Standard Steel Doors, Frames and Accessories

##### 111-A Recommended Standard Steel Door Details

Covers recommended steel door frame details as they are affected by common wall conditions.

##### 111-C Recommended Louver Details for Standard Steel Doors

This document discusses, explains and details a variety of louver designs and size available for standard steel doors.

##### 111-D Recommended Door, Frame and Hardware Schedule for Standard Steel Doors and Frames

Contains a suggested door, frame and hardware schedule form and defines "handing".

##### 111-E Recommended Guidelines for the Use of Gasketing and Thresholds for Standard Steel Doors and Frames

Contains details which represent the recommendations of the SDI in respect to weather-stripping of standard steel doors and frames.

##### 111-F Recommended Existing Wall Anchors for Standard Steel Doors and Frame

A guide for architects to aid them in recognizing available options to the traditional sub buck detail which has been widely used in the past. It illustrates anchoring systems which are available in regular and labeled frames.

##### 111-G Recommended Standard Preparation for Double Type (Interconnected) Locks on Standard Steel Doors and Frames

Dimensions for standard door and frame preparation for double type (interconnected) locks.

##### 111-H High Frequency Hinge Preparations for Frames

Specifications for steel frames used in extremely high frequency or high use areas which need to be supplied with additional reinforcing to eliminate potential door sag.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# PERFORMANCE STANDARD

## ARCHITECTURAL TECH DATA 1

### **SDI-112-08 Zinc-Coated (Galvanized/Galvannealed) Standard Steel Doors and Frames**

This document provides information regarding the galvanized sheet used in standard steel door and frame construction when a requirement for galvanized doors and frames is specified.

### **SDI-113-13 Standard Practice for Determining the Steady State Thermal Transmittance of Steel Door and Frame Assemblies**

This document establishes a minimum standard and a method of test for thermal effectiveness of steel door and frame assemblies under circumstances that might reasonably be considered normal field applications and conditions.

### **SDI-117-09 Manufacturing Tolerances for Standard Steel Doors and Frames**

This document is intended to furnish users and prospective users of standard steel doors and frames with practical information regarding mortise and manufacturing tolerances for both doors and frames.

### **SDI-118-12 Basic Fire Door, Fire Door Frame, and Window Frame Requirements**

This document contains rules and other information in a condensed and simplified manner in respect to code requirements for the design and use of fire doors.

### **SDI-122-07 Installation and Troubleshooting Guide for Standard Steel Doors and Frames**

This document covers field installation problems most commonly experienced with standard steel door and frame installations. Most problems encountered are because of inappropriate application of the products and/or improper installation.

### **SDI-124-11 Maintenance of Standard Steel Doors and Frames**

This document is intended to serve as a general outline of maintenance activities needed for hollow metal doors and frames. It should be noted that the door and frame are virtually maintenance free. Maintenance will be, for the most part, associated with accessories and hardware attached to the door and frame.

### **SDI-127 Series - Industry Alerts (A through L)**

**127-A** End Closure

**127-B** Door Edge Cutouts

**127-C** Frame Cutout Limits

**127-D** Electric Strikes in Stud Walls

**127-E** Prime Painted Materials Alert

**127-F** Butted Frames Rough  
Opening Sizes

**127-G** Environmental Considerations  
Relating to Factory Painted  
Steel Doors and Frames

**127-H** Water Penetration

**127-I** Grouting Frames in Drywall

**127-J** Bituminous Back-Coating  
of Frames

**127-K** Improper Wedges as  
Hold-Opens

**127-L** Buyer Beware: Steel Doors  
with Lead-Based Primer



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# PERFORMANCE STANDARD

## ARCHITECTURAL TECH DATA 2

### ANSI STANDARDS

The SDI has published the following ANSI Standards and Test Methods. All of the SDI Member Companies stress the Performance of Standard

Steel Door Products and those products have been tested to meet the acceptance criteria or requirements contained in these standards.

All of these documents are contained in the SDI Fact File, and are for the first time available to download for free.

#### **A250.3-2007 (R2011) Test Procedure and Acceptance Criteria for Factory Applied Finish Coatings for Steel Doors and Frames**

Prescribes the procedure to be followed in the selection of material, chemical preparation, painting, testing, and evaluation of factory applied finish painted steel surfaces for steel doors and frames.

#### **A250.4-2011 Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcing**

A standard method of testing the performance of a steel door mounted in a pressed steel or channel iron frame under condition that might be considered an accelerated field operating conditions.

#### **A250.6-2003 (R2009) Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames**

Provides users of standard steel doors and frames with practical information regarding accepted design methods for reinforcing, and recommended practices for proper field preparation and installation of builders hardware.

#### **A250.8-2003 (R2008) Recommended Specifications for Standard Steel Doors and Frames (Formerly SDI-100)**

This specification for swinging steel doors and frames offers a number of choices in both regular and fire rated door and frame constructions. The user must select from the specification the specific grades of doors and frames that best apply to the project.

This specification covers sizes, types, materials, general construction requirements and finishing of 1-3/4 in extra heavy duty steel doors, 1-3/4 in heavy duty steel doors, 1-3/4 in and 1-3/8 in standard duty steel doors, together with frames and accessories. They are intended to be standard items not subject to variations.

#### **A250.10-1998 (R2011) Test Procedure and Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames (R2004)**

Procedures for the selection of material, chemical preparation, painting, testing and evaluation of prime painted steel surfaces for steel doors and frames.

#### **A250.11-2012 Recommended Erection Instructions for Steel Frames**

This document includes information in respect to storage of frames on the jobsite, grouting and back painting of frames and assembly of frames. It contains instructions in respect to bracing frames before wall construction and the installation of frames in masonry, steel stud wall construction, wood stud wall construction and drywall construction.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# PERFORMANCE STANDARD

## ARCHITECTURAL TECH DATA 3

### RECOMMENDED PAINTING INSTRUCTION

#### FIELD PAINTING

Steel doors and frames are provided with a primer paint finish that is intended as a preparatory base for field application of a top (finish) coat of paint. The primer paint coat is not designed to be the final layer of protection from environmental elements. It is designed to provide protection to the steel surface during normal storage, shipping, and installation at the jobsite and to provide a uniform base for finish painting. Finish painting is necessary. It is recommended that the finish paint be applied to the door after installation is completed. It is the responsibility of the end user to maintain the integrity of the finish after installation.

Low gloss oil based paints are recommended as finish paint. WE DO NOT RECOMMEND THE USE OF WATER BASED FINISH COATS SUCH AS LATEX, ACRYLIC, POLY-VINYL ACETATE EMULSION FINISHES. However, if any of these materials are used as a finish coat, you should first repaint the door or frame with a primer with rust inhibitors recommended by your paint manufacturer for bare steel. If the door is not re-primed, all scratches and nicks that expose bare steel will develop rust.

#### USGBC LEED requirements

Under United States Green Building Council LEED credit EQ 4.2, any paints and coatings are limited on the VOC content that can be applied at the jobsite. This may require the painter to use a latex paint for doors and frames. If this is required then it is the responsibility of the painting contractor to re-prime the doors and frames per RITE Door recommendation (see above).

#### RECOMMENDED PAINTING INSTRUCTIONS

First repair any dents or scratches which occurred during installation.

Sand the primer finish lightly with a very fine sand paper; be sure the surface is clean and dry.

Paint with a low gloss oil base trim paint. If the primer has been scratched or damaged so that rusting has occurred, sand lightly with steel wool or fine sandpaper to remove all traces of rust (any rust not removed will eventually become active and bleed through any subsequent top coats.)

After all rust has been removed and you are sure the surface is clean, dry, and free of any foreign material, apply a rust inhibitive primer over the entire repair area and then paint the door with a low gloss oil base trim paint.

#### DENT REPAIR

Sand to bare metal (including area around dent) with #80 sand paper.

Apply two component plastic body filler, mixed as directed on the container, to the depressed area.

After filler has cured thoroughly, sand with #100 grit sand paper to a smooth flat surface.

Finish sand with 240 or 300 grit sand paper as needed. Be sure surface is clean and dry, and free of any foreign material.

Apply a rust inhibitive primer over entire repair area and let dry for 24 hours before finish painting.

#### SCRATCHES

Feather scratch to the bare metal with #300 sand paper. Be sure surface is clean, dry, and free of any foreign material.

Apply a rust inhibitive primer over entire repair area and let dry for 24 hours before finish painting.

#### SPECIAL PAINTING NOTE FOR 347 DOORS

The production of steel doors and frames relies on a variety of manufacturing processes including spot welding, projection welding, arc welding ground smooth, grinding, filling, etc. These processes may result in a show-through after application of finished paint. These characteristics are inherent in production and are not to be considered as manufacturing defects.

The show-through characteristics increase as the paint gloss increases. ANSI A250.8 (SDI 100) recommends a maximum paint gloss rating of 20% reflectance, measured using a 60° gloss meter, which should be suitable for most applications. Translucent paints may emphasize show-through characteristics and their use is not recommended.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# PERFORMANCE STANDARD

## ARCHITECTURAL TECH DATA 4

### RECOMMENDED PROCEDURE FOR RECEIVING AND STORAGE OF STEEL DOORS AND FRAMES

#### DELIVERY AND RECEIVING OF MATERIAL

Upon delivery, all material shall be thoroughly inspected for damage. Should damaged material be found, the General Contractor has the option of refusing delivery or to accept the material as damaged. Any damaged items should be noted on the freight bill. Claims will not be honored by the freight carrier, unless the damaged items are noted on the freight bill at the time of delivery. The General Contractor must telephone or write the local office of the freight carrier and request an inspection of the damage. The contractor shall contact the hollow metal distributor immediately of any item signed for as damage. This procedure will help to expedite the repair or replacement of the damaged items and the processing of the damage claim with the freight carrier.

Should the General Contractor discover any damage or error in the hollow metal delivered to the job site, it is imperative that the hollow metal distributor be notified before initiating any corrective measure in the field, so that the hollow metal distributor and manufacturer can participate in solving the problem. Failure to do so could result in the cancellation of the warranty and/or fire label. If claim is to be made for any error or deficiency in the hollow metal work itself, it is imperative that the hollow metal distributor be notified before initiating any corrective work in the field.

THE CONTRACTOR RESPONSIBLE FOR INSTALLATION SHALL SEE THAT ANY SCRATCHES OR DISFIGUREMENT CAUSED IN SHIPPING OR HANDLING ARE PROMPTLY CLEANED AND TOUCHED UP WITH A RUST INHIBITIVE PRIMER.

#### ON SITE STORAGE

Proper storage of hollow metal work at the construction site will help to prevent damage to the primer coat of paint. Prime coated steel must be protected when exposed to the elements, including high humidity, salt, air, and/or damp wrappings.

Particular attention must, therefore, be given to steel products having a shop coat of prime paint. Because the protective shop coat must be porous to properly receive and hold top coats, water or moisture in contact with primer coated steel will seep through to the steel by capillary action. An electrolytic action then follows, resulting in corrosion and causing the paint film to lose adhesion.

The presence of oxygen at the water-air interface behind the loosened paint film accelerates corrosive action and the prime coat further deteriorates.

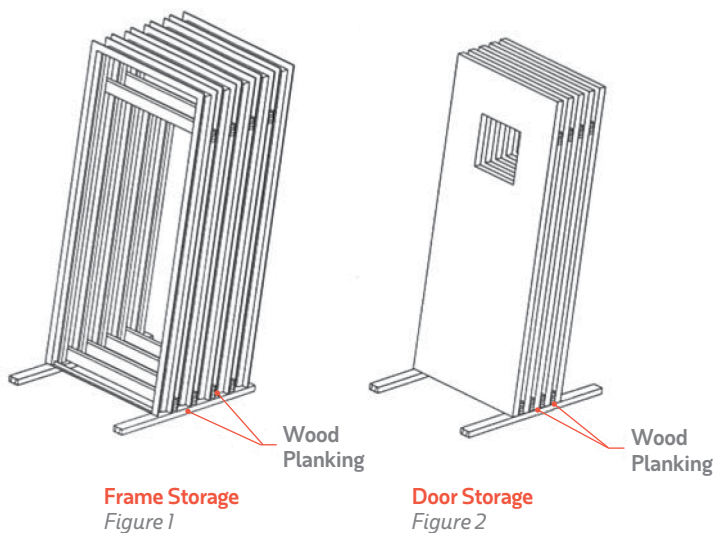
EVEN WHEN HOT-DIP GALVANIZING IS USED TO PROVIDE A CORROSION RESISTANT BASE COAT ON STEEL, MANUFACTURERS OF HOLLOW METAL DOORS HAVE FOUND THAT ONE WEEK OF PRODUCT EXPOSURE TO WATER, BECAUSE OF IMPROPER STORAGE, CAN BE EQUIVALENT TO AT LEAST A YEAR OF OUTDOOR EXPOSURE TO THE ELEMENTS.

*Paint manufacturers advise that the primer typically used by hollow metal manufacturers should receive a finish coat of paint within 30 days of delivery. It is the responsibility of the General Contractor to sand, touch up and clean prime painted surfaces prior to finish painting in accordance with the finish paint manufacturer's instructions.*



# PERFORMANCE STANDARD

## ARCHITECTURAL TECH DATA 4



### THE FOLLOWING PROCEDURES SHOULD ALWAYS BE OBSERVED IN STORING HOLLOW METAL DOORS AND FRAMES AT THE JOB SITE

- **Store all materials in a dry area, under cover.** All ferrous metal products should be stored where they will not be exposed to, or come in contact with water. This is particularly true of products such as doors, which have large flat surfaces on which water may collect if they are stacked horizontally.
- **Do not use non-vented plastic or canvas.** These materials create a humidity chamber, which promotes blistering and corrosion.
- **Store doors and welded frames in an upright position with heads uppermost.** Figures 1 and 2.
- **Place no more than 5 doors or welded frames in a group.** Small groups not only minimize the likelihood of damage due to excess handling, but also facilitate selection from the group for installation. In the case of multi-opening frames, no more than three units should be stored in a group, to avoid serious damage to the bottom most frame.
- **Place all material on planking or blocking at least 4" (100 mm) off the ground, 2" (50 mm) off a paved area or the floor slab.**
- **Provide a least 1/4" (6.4 mm) space (wood trip) between all units to permit air circulation.**

# LEED CERTIFICATION

## CONTRIBUTION

“The Leadership in Energy and Environmental Design (LEED) Green Building Rating System™ is the nationally accepted benchmark for the design construction, and operation of high performance green buildings. LEED promotes a whole-building approach to sustainability by recognizing performance in seven key areas of human and environmental health: sustainable sites, water efficiency, energy and atmosphere, materials and resources, indoor environmental quality, innovation in design and regional priority credits.”

RITE Door doors and frames are made in Mason City, IA from steel, one of the most recycled materials in North America. Each door is then put through rigorous life cycle testing that allows our door solutions to qualify for tornado and hurricane certification standards for strength and durability. The sustainable thinking that goes into each door allows it a long service life with cradle-to-cradle considerations taken into account.

RITE Door can help to achieve prerequisites and accumulate points in the following categories and credit areas of LEED.



- RITE Door uses environmentally sound practices in the manufacturing and shipping of hollow metal doors and frames. Let us help as you design “Sustainable” buildings that are safe, secure and aesthetically-pleasing.
- ASSA ABLOY is a member of the U.S. Green Building Council.
- U.S. Green Building Council logo is a trademark owned by the U.S. Green Building Council and is used with permission.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LEED CERTIFICATION

## ENERGY & ATMOSPHERE (EA)

### EA PREREQUISITE 2

#### Minimum Energy Performance

Establish the minimum level of energy efficiency for the proposed building and systems to reduce environmental and economic impacts associated with excessive energy use.

RITE Door offers superior thermal efficient openings that can help save 10% or more in improved energy efficiency. RITE Door doors and frames are tested in operable conditions using ASTM E1363 & E283.

**CS HC NC R S**

### EA CREDIT 1

#### Optimize Energy Performance

Achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

RITE Door offers superior thermal efficient openings that can help save 10% or more in improved energy efficiency. RITE Door doors and frames are tested in operable conditions using ASTM E1363 & E283.

**CS HC NC R S**

- CI** Commercial Interiors
- CS** Core & Shell
- EB** Existing Building Operations & Maintenance
- HC** Healthcare
- NC** New Construction
- R** Retail
- S** Schools



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LEED CERTIFICATION

## MATERIALS & RESOURCES (MR)

### MR CREDIT 1.2

#### Building Reuse - Maintain Existing Interior Non-Structural Elements

Extend the lifecycle of existing building stock, conserve resources, retain cultural resources, reduce waste and reduce environmental impacts of new buildings as they relate to materials manufacturing and transport.

Longevity and durability of RITE Door doors and frames should allow re-use on LEED projects and help in the ability of obtaining this credit.

**NC S CL R HC**

### MR CREDIT 4

#### Recycled Content

Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials. Use materials with recycled content such that the sum of postconsumer recycled content plus 1/2 of the preconsumer content constitutes at least 10% or 20%, based on cost, of the total value of the materials in the project. The recycled content value of a material assembly is determined by weight. The recycled fraction of the assembly is then multiplied by the cost of assembly to determine the recycled content value.

Post-consumer material is defined as waste material generated by households or by commercial, industrial and institutional facilities in their role as end-users of the product, which can no longer be used for its intended purpose.

Post-industrial (Pre-Consumer) recycled content refers to scraps that are left over during industrial or manufacturing processes and which are subsequently recycled and reused.

**NC CS S CL R HC**

RITE DOOR PRODUCT	POST-CONSUMER RECYCLED CONTENT	PRE-CONSUMER RECYCLED CONTENT	TOTAL LEED RECYCLED CONTENT PERCENTAGE
Frames - Steel	35.4*	7.4*	39.1
374	34.4*	7.4*	39.1
370, 372	34.3*	7.2*	37.9

\* Recycled content based on RITE Door average steel usage

- NC** New Construction
- CS** Core & Shell
- S** Schools
- CI** Commercial Interiors
- EB** Existing Building Operations & Maintenance
- R** Retail
- HC** Healthcare



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LEED CERTIFICATION

## MATERIALS & RESOURCES (MR)

### MR CREDIT 5 Regional Material

Increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

Use building materials or products that have been extracted, harvested or recovered, as well as manufactured, within 500 miles of the project site for a minimum of 10% or 20%, based on cost, of the total materials value.

**NC CS S CL R HC**

PROGRAM	CHECKLIST	CREDIT	REQUIREMENT
LEED <b>CI</b>	Materials & Resources	Regional Materials MR 5	Use a minimum of 20% of the combined value of construction and Division 12 (furniture) materials and products that are manufactured* regionally within a radius of 500 miles.
LEED <b>NC</b> LEED <b>CS</b> LEED <b>S</b>	Materials & Resources	Regional Materials MR 5 10% or 20%	Use building materials or products extracted,** harvested,** recovered,** processed,** and manufactured* within 500 miles of the project site.

\* Manufactured refers to the final assembly of components in Mason City, IA

\*\* Steel is extracted and processed at numerous locations that exceed 500 miles from Mason City and are difficult to track.

### MR CREDIT 53 (Pilot Credit) Responsible Sourcing of Raw Materials

To encourage the use of products and materials for which life cycle information is available and that have environmentally, economically, and socially preferable life cycle impacts. To reward project teams for selecting products verified to have been extracted or sourced in a responsible manner.

Option 2. leadership extraction practices (1 point). Use products that meet at least one of the responsible extraction criteria below for at least 25%, by cost, of the total value of permanently installed building products in the project. Extended producer responsibility.

Products purchased from a manufacturer (producer) that participates in an extended producer responsibility program or is directly responsible for extended producer responsibility.

Products meeting extended producer responsibility criteria are valued at 50% of their cost for the purposes of credit achievement calculation. RITE Door participates in an extended producer responsibility recycling program through the Steel Recycling Institute. Learn more at: [www.assaabloydss.com/sustainability](http://www.assaabloydss.com/sustainability).

**NC CS S CL EB R HC**

- NC** New Construction
- CS** Core & Shell
- S** Schools
- CI** Commercial Interiors
- EB** Existing Building Operations & Maintenance
- R** Retail
- HC** Healthcare



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LEED CERTIFICATION

## MATERIALS & RESOURCES (MR)

### MR CREDIT 61 *(Pilot Credit)* Material Disclosure and Assessment Environmental Product Declaration (EPDs)

To encourage the use of products and materials for which life-cycle information is available and that have environmentally, economically, and socially preferable life-cycle impacts. To reward project teams for selecting products from manufacturers who have verified environmental life-cycle.

Products from RITE Door have Product-specific Type III EPDs certified in accordance with ISO 14025 and EN 15804.

**NC CS S CL EB R HC**

### MR CREDIT 76 *(Pilot Credit)* Material Ingredients Reporting

Use at least 20 different permanently installed products from at least five different manufacturers that use any of the following programs to demonstrate the chemical inventory of the product to at least 0.1% (1000 ppm). Health Product Declaration. The end use product has a published, complete Health Product Declaration with full disclosure of known hazards in compliance with the Health Product Declaration open Standard.

Products from RITE Door have published, complete HPDs with full disclosure of known hazards.

**NC CS S CL EB R HC**

### MR CREDIT 77 *(Pilot Credit)* Material Ingredient Optimization

To reward project teams for selecting products verified to minimize the use and generation of harmful substances. To reward raw material manufacturers who produce products verified to have improved life-cycle impacts.

RITE Door steel doors and frames are third party certified and document fully inventoried ingredients via Health Product Declaration (free of Benchmark 1 Greenscreen chemicals).

Use products that document their material ingredient optimization using the paths below for at least 25%, by cost, of the total value of permanently installed products in the project. GreenScreen v1.2 Benchmark. Products that have fully inventoried chemical ingredients to 100 ppm that have no Benchmark 1 hazards: If any ingredients are assessed with the GreenScreen List Translator, value these products at 100% of cost. If all ingredients are have undergone a full GreenScreen Assessment, value these products at 150% of cost. Products from RITE Door have published, complete HPDs that have undergone a full GreenScreen Assessment.

**NC CS S CL EB R HC**

- NC** New Construction
- CS** Core & Shell
- S** Schools
- CI** Commercial Interiors
- EB** Existing Building Operations & Maintenance
- R** Retail
- HC** Healthcare



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LEED CERTIFICATION

## INDOOR ENVIRONMENTAL QUALITY (IEQ)

### IEQ CREDIT 3.2

#### Construction Indoor Air Quality Management Plan Before Occupancy

To reduce indoor air quality (IAQ) problems resulting from construction or renovation to promote the comfort and well-being of construction workers and building occupants.

Project teams specify interior doors meeting GREENGUARD Gold testing will assist with IEQ 3.2 compliance.

**NC CS S CL R HC**



### IEQ CREDIT 4.1 & 4.2

#### Low-Emitting Materials Adhesives and Sealants, Paints and Coatings

Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

This credit only applies to materials applied within the weatherproofing system however, RITE Door offers solutions including pre-finished door openings and pre-installed glazing. This allows LEED projects to avoid applying materials onsite.

**NC CS S CL R HC**

### IEQ CREDIT 4.6

#### Low-Emitting Materials Ceiling & Wall Systems

Reduce the quantity of indoor air contaminants that are odorous, irritating and/or harmful to the comfort and well-being of installers and occupants.

All gypsum board, insulation, acoustical ceiling systems and wall coverings (including doors) installed in the building interior must meet the testing CA 01350. Requires GREENGUARD indoor Air Quality certification. Requires GREENGUARD Indoor Air Quality certification or equivalent. Products from RITE Door are certified to GREENGUARD Gold.

**S R HC**



- NC** New Construction
- CS** Core & Shell
- S** Schools
- CI** Commercial Interiors
- EB** Existing Building Operations & Maintenance
- R** Retail
- HC** Healthcare



FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM



# LEED CERTIFICATION

## INDOOR ENVIRONMENTAL QUALITY (IEQ)

### IEQ CREDIT 8.1 & 8.2

#### Daylight & Views

To provide building occupants with a connection between indoor spaces and the outdoors through the introduction of daylight and views into the regularly occupied areas of the building.

Adding glazing and sidelights to RITE Door openings will assist projects in achieving this LEED credit.

NC CS S CL R HC



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

- NC New Construction
- CS Core & Shell
- S Schools
- CI Commercial Interiors
- EB Existing Building Operations & Maintenance
- R Retail
- HC Healthcare

# LEED CERTIFICATION

## EXISTING BUILDING OPERATIONS & MAINTENANCE

### MR CREDIT 3

#### Sustainable Purchasing—Facility Alterations and Additions

Reduce the environmental and air quality impacts of the materials acquired for use in the upgrade of buildings. Maintain a sustainable purchasing program covering materials for facility renovations, demolitions, refits and new construction additions.

RITE Door products can help sustainable purchasing programs meet many of the requirements to obtain this credit.

EB

### MR CREDIT 9

#### Solid Waste Management—Facility Alterations and Additions

To divert construction and demolition debris from disposal to landfills and incineration facilities. Redirect recyclable recovered resources back to the manufacturing process and reusable materials to appropriate sites.

Many of RITE Door products can be recycled (in the case of our metal products, potentially infinitely) and reused. We strive to make durable sustainable products that can assist projects in attaining this credit.

EB

- NC New Construction
- CS Core & Shell
- S Schools
- CI Commercial Interiors
- EB Existing Building Operations & Maintenance
- R Retail
- HC Healthcare



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

## METAL DOORS

ITEM	ITEM DESCRIPTION	This is for basic reference for product information and ordering, for detail description of product, see the product cut sheets.
0	HARDWARE SET	Details out the hardware needed for the door (Locks, Hinges, Closers, Mag Locks, Seal Kit, etc - See Hardware Set Info on following page.
1	WOOD OR METAL	<b>SPECIFY THE DOOR MATERIAL TYPE YOU WANT QUOTED OR ORDERED</b>
	M	Metal Door type
2	ID MARK	Enter in the mark id, door or opening # in this field.
3	QUANTITY	Enter in the qty of doors you want to order on this line item.
4	SERIES	<b>DOOR SERIES AND MODELS</b>
	370	Metal Door Series to be used for Polystyrene or Honeycomb Core
	374	Metal Door Series to be used for Steel Stiffened Core
	372	Metal Door Series to be used for Temp-Rise Core
5	CONSTRUCTION	<b>CORE CONSTRUCTION OF THE DOOR</b>
	P	Polystyrene Core
	H	Honeycomb core
	T2	Temperature Rise Core 250°
	T4	Temperature Rise Core 450°
	S	Steel Stiffened Core
6	ADDITIONAL INFORMATION	
	L	Lead Lined Core - 1/16" thick Lead
7	EDGE CONSTRUCTION	<b>HINGE AND LOCK STILE CONSTRUCTION OF THE DOOR</b>
	N	Door Edge Seam Spot welded and Filled
	S	Visible Edge Seam - to be used with CURRIEStain Door Product
8	LABEL	<b>USED WHEN A CUSTOMER REQUESTS A FIRE RATED DOOR (ITS/WARNOCK HERSEY FIRE LABELING AUTHORITY)</b>



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* For Leed Qualifications, please see the Leed Sell Sheet for details on Leed Qualifications for all RITE Door products.

# HOW TO ORDER

## METAL DOORS

ITEM	ITEM DESCRIPTION	This is for basic reference for product information and ordering, for detail description of product, see the product cut sheets.	
		Non Rated	
	PP	Positive Pressure Category (20, 45, 60 & 90 Min Rated Doors)	
<b>9</b>	<b>RATING</b>	<b>NEED TO SPECIFY WHEN CUSTOMER IS CALLING OUT FOR A FIRE RATED DOOR.</b>	
		Non Rated	
	20	20 Minute Rating	
	45	45 Minute Rating	
	60	60 Minute Rating	
	90	90 Minute Rating	
	180	3 Hour Rating	
<b>10</b>	<b>STEEL TYPE</b>	<b>STEEL TYPE AS REQUESTED BY THE CUSTOMER</b>	
	CR	Cold Rolled Steel	
	RK	Galvanized (A60 Standard)	
	SS	Stainless (304 #4 Satin finish)	
	A1	CURRIStain (Specify Color) - Deep Oak Wood Grain Embossment	
	HP	High Pressure Laminate	
<b>11</b>	<b>STEEL GAUGE</b>	<b>SPECIFY THE GAUGE OF STEEL THAT YOU WOULD LIKE</b>	
	18	18 Gauge Steel	
	16	16 Gauge Steel	
	14	14 Gauge Steel - (Not available with CURRIStain)	
<b>12</b>	<b>FACE TYPE</b>	<b>LITE CUTOUT ON THE DOOR</b>	
	F	Flush	<p><b>Non Rated Doors</b> - Lites must maintain a min 6" of wood material between any cutouts to maintain warranty on the door.</p> <p><b>20 &amp; 45 Min Rated Doors</b> - Can have up to 1296 sq inches of visible glass dimensions, but must maintain a min 5" of material between any cutout on the door to maintain fire label.</p> <p><b>60 &amp; 90 Min Rated Doors</b> - Can have up to 100 sq inches of visible glass dimensions, but must maintain a min 5" of material between any cutout on the door to maintain fire label.</p>
	FV	Square Lite	
	FNV	Narrow Vision Lite	
	HG	Half Glass	
	FG2	Full Glass Lite with Intermediate Rail (2 Half Glass Cutouts)	
<b>13</b>	<b>LITE SIZE &amp; LOCATION ELEVATION</b>	Use the Lite Size & Location Elevation sheet to give the size and location of the lite on the door.	



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* For Leed Qualifications, please see the Leed Sell Sheet for details on Leed Qualifications for all RITE Door products.

# HOW TO ORDER

## METAL DOORS

ITEM	ITEM DESCRIPTION		This is for basic reference for product information and ordering, for detail description of product, see the product cut sheets.
14	MOULDING / LITE KIT		<b>TRIM PLACED IN THE LITE CUTOUT TO HOLD THE GLASS IN THE OPENING</b>
	1	Metal Vision Lite Kit - Square. 3/8" Pocket standard	Please specify pocket size for lite kit if other than standard
	2	Metal Vision Lite Kit - Square. 5/8" Pocket standard	
	3	Metal Vision Lite Kit - Concealed Square. 3/8", 1/2", & 5/8" Pocket. (Specify)	
	9	Metal Vision Lite Kit - Beveled. 3/8" Pocket standard	
	10	Metal Vision Lite Kit - Beveled. 9/16" Pocket standard	
	CO	Cut Out Only - Lite Kit Provided by Customer for Field Installation	
15	GLASS TYPE		
	FIG01	Clear Tempered - Standard for non rated doors - 1/4" thick	All glass comes with glazing tape as required. Rectangular/square glass only. Contact Factory for availability of glazing not listed. Fire rating limitations on glazing may limit availability on some doors. Detail for each glass type available upon request.
	FIG02	Filmed Wire - Standard for rated doors - 1/4" thick	
	FIG03	Ceramic Filmed Pyran Platinum F - optional - 3/16" thick	
	FIG04	Ceramic Filmed Pyran Platinum L - optional - 3/8" thick	
	FIG05	Firelite NT - optional - 3/16" thick	
	FIG06	Firelite Plus - optional - 5/16" thick	
GBO	Glass By Others - Customer Supplied Glass to be field Installed. Need to Specify Glass Thickness if other than 1/4".		
16	GLASS THICKNESS		<b>SPECIFY THE GLASS THICKNESS YOU WOULD LIKE TO USE WITH YOU MOULDING / LITE KIT</b>
	3/16"	3/16" Thick Glass	
	1/4"	1/4" Thick Glass (Standard)	
	5/16"	5/16" Thick Glass	
	3/8"	3/8" Thick Glass	
	*	Other - Specify the glass thickness needed other than what is listed above. - Lite Kit and Glass type must comply with the Fire Label Testing Authority on the door. Contact factory to see if the glass type and lite kit are an approved application	
17	WIDTH		
	FEET	FRAC 19	Nominal Feet
18	INCHES		Nominal Inches along with Fractional Sizes
20	HEIGHT		<b>NOMINAL DOOR WIDTH BEFORE PREFIT</b>
	FEET	FRAC 22	Nominal Feet
21	INCHES		Nominal Inches along with Fractional Sizes



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* For Leed Qualifications, please see the Leed Sell Sheet for details on Leed Qualifications for all RITE Door products.

# HOW TO ORDER

## METAL DOORS

ITEM	ITEM DESCRIPTION	This is for basic reference for product information and ordering, for detail description of product, see the product cut sheets.	
23	<b>THICKNESS</b>	<b>DOOR THICKNESS</b>	
	4	13/4" - Only Available Thickness	
24	<b>HAND</b>	<b>SWING OF THE DOOR</b>	
	R	Right Hand Swing	
	L	Left Hand Swing	
	RR	Right Hand Reverse Swing	
	LR	Left Hand Reverse Swing	
25	<b>BEVEL</b>	<b>CUT ON THE LOCK AND HINGE STILE OF THE DOOR TO ALLOW FOR PROPER CLOSING OF THE DOOR</b>	
	3L	3° Bevel on the lock stile only, hinge stile is square - Use when you have Continuous Hinges on the hinge stile of the door	
	0	No bevel on either side of the lock or hinge stile - Door will still be prefit - Use per customer's request only	
	3/3	3° Bevel on both lock and hinge stile - Use when you have Butt Hinges on the hinge stile of the door	
26	<b>FRAME MFG</b>	<b>IDENTIFIES THE FRAME MANUFACTURER</b>	<b>STD UNDERCUT</b>
	CU	Curries - Will receive Curries standard hardware locations unless otherwise specified	5/8"
	C	Ceco - Will receive Ceco standard hardware locations unless otherwise specified	3/4"
	A	Amweld - Will receive Amweld standard hardware locations unless otherwise specified	3/4"
	M	Mesker - Will receive Mesker standard hardware locations unless otherwise specified	3/4"
	S	Steelcraft - Will receive Steelcraft standard hardware locations unless otherwise specified	3/4"
	P	Pioneer - Will receive Pioneer standard hardware locations unless otherwise specified	5/8"
	SP	Special Locations - Use this code when you have special hardware location - you will need to give locations for the door when placing the order	5/8"
27	<b>SET</b>	<b>USED WHEN PAIRING DOORS - PAIRS NEED TO BE BROKE UP ON INDIVIDUAL LINE ITEMS. CAN NOT HAVE PAIRS ON THE SAME LINE.</b>	
		Single Door	
	PR	Standard Pair (Same Swing Pair - Opposite Handing)	
	DE	Double Egress Pair (Opposite Swing Pair - Same Handing)	
	UEP	Unequal Pair (Standard Pairs where the leaves are not the same size)	
	UDE	Unequal Double Egress (Double Egress Pairs where the leaves are not the same size)	



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* For Leed Qualifications, please see the Leed Sell Sheet for details on Leed Qualifications for all RITE Door products.

# HOW TO ORDER

## METAL DOORS

ITEM	ITEM DESCRIPTION	This is for basic reference for product information and ordering, for detail description of product, see the product cut sheets.	
28	<b>GROUP</b>	<b>INDICATES WHEN THE PAIR BEGINS AND WHEN THE PAIR ENDS - MUST BE USED WITH LINES GROUPED TOGETHER</b>	
	<	Starting of the Pair	
	>	Ending of the Pair	
	<>	Both Active and InActive Leaf of the Pair are identicle in Size, Handing, Machining & Hardware Application	
29	<b>SPECIAL HDWE LOC ELEVATION</b>	This Elevation is to be used when specifying special hardware location other than RITE Door standards.	
30	<b>FACE FINISH (METAL)</b>	<b>FACE FINISHES FOR METAL DOORS</b>	
	PR6	Prime 6 Sides (Primed Door Only)	Standard Factory Grey Primer
	45E-4W	Prefinished Color - Flambeau Brown	Prefinished / Painted Colors. 10 standard colors available. For custom color match, send sample for color match and approval.
	38E-1W	Prefinished Color - Ivory	
	6E-1W	Prefinished Color - Champagne	
	10E-2W	Prefinished Color - Salmon	
	32D-4M	Prefinished Color - Aqua	
	24E-3W	Prefinished Color - Granite	
	5E-3W	Prefinished Color - Sand	
	6E-3W	Prefinished Color - Coral	
	40E-3W	Prefinished Color - Almond	
	40E-2W	Prefinished Color - Bone	
	CST	Prefinished Color - Custom color	
	CS-NAT	CURRIStain - Natural	Factory Finished with one of Six Standard Colors. No Color Match Available. Available in Poly Styrene Core Only
	CS-WHT	CURRIStain - Wheat	
	CS-CSH	CURRIStain - Cashew	
	CS-COC	CURRIStain - Cocoa	
	CS-CAB	CURRIStain - Cabernet	
	CS-JAV	CURRIStain - Java	
	HPL-*	High Pressure Laminate - Color	Specify HPL Manufacturer and HPL Color when ordering



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* For Leed Qualifications, please see the Leed Sell Sheet for details on Leed Qualifications for all RITE Door products.



# HOW TO ORDER

## RITE DOOR – METAL DOORS

ITEM	ITEM DESCRIPTION	This is for basic reference for product information and ordering, for detail description of product, see the product cut sheets.
31	<b>UNDERCUT</b>	<b>THE AMOUNT OF MATERIAL REQUESTED TO BE SUBTRACTED FROM THE BOTTOM OF THE NOMINAL DOOR HEIGHT.</b>
	5/8"	Standard Undercut - This will be the given undercut unless otherwise indicated by a frame mfg code or specified by the customer
	*	All other undercuts available with the minimum undercut being 1/8" and the maximum undercut being 15/16"
32	<b>ADDITIONAL DOOR MARK ID #'S</b>	If the line item will have more than 1 mark id #. The additional mark id numbers can be placed in this area.
33	<b>SPECIAL INSTRUCTIONS</b>	This is for any special instructions that are needed for the door. Not all special instruction request can be accommodated, please contact factory to verify if request is available with RITE Door. You can also use this section to specify request for hardware that is not supplied, but will be a prep only



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

\* For Leed Qualifications, please see the Leed Sell Sheet for details on Leed Qualifications for all RITE Door products.

# HOW TO ORDER

## RITE DOOR – METAL DOORS

LINE ITEM	
0	HARDWARE SET
1	WOOD (W) OR METAL (M)
2	ID MARK
3	QUANTITY
4	SERIES
5	CONSTRUCTION
6	ADDITIONAL INFO
7	EDGE CONSTRUCTION
8	LABEL
9	RATING
10	VENEER SPECIES / STEEL TYPE
11	VENEER PLY / STEEL GAGE
12	FACE TYPE
13	LITE SIZE / LOC ELEVATION
14	MOULDING / LITE KIT
15	GLASS TYPE
16	GLASS THICKNESS
17	FEET
18	INCHES
19	FRAME 19
20	FEET
21	INCHES
22	FRAME 22
23	THICKNESS
24	HAND
25	BEVEL
26	FRAME MFG
27	SET
28	GROUP
29	SPL HDW LOC ELEVATION
30	PREFINISH (WOOD) / FACE FINISH (METAL)
31	UNDERCUT
32	ADDITIONAL MARKS / ID#S
33	SPECIAL INSTRUCTIONS



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

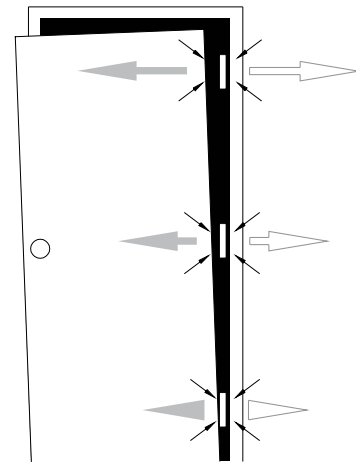
\* For Leed Qualifications, please see the Leed Sell Sheet for details on Leed Qualifications for all RITE Door products.

# HINGES

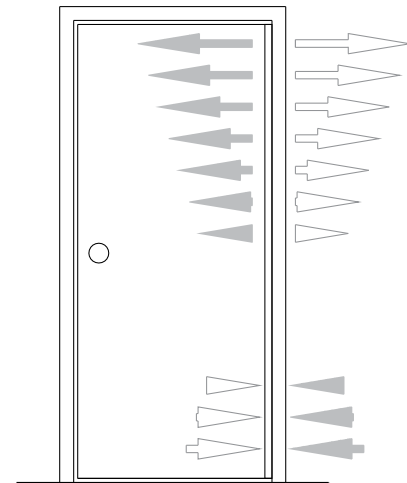
## WHY CONTINUOUS HINGES?

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.



*Most door and frame stress is put on the top of conventional Hinge systems.*



*A Continuous Hinge spreads the stress along the full length of the door and frame.*



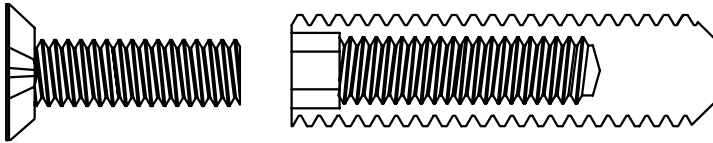
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HINGES

## ADJUSTA-SCREW

## 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
- CE- Current Transfer - Concealed
- ES- Exposed Monitoring Switch
- Blank Hinges (Minus Hole Pattern)
- Lead Lined Cover (1/16" LEAD)
- Security Fasteners

## HINGES

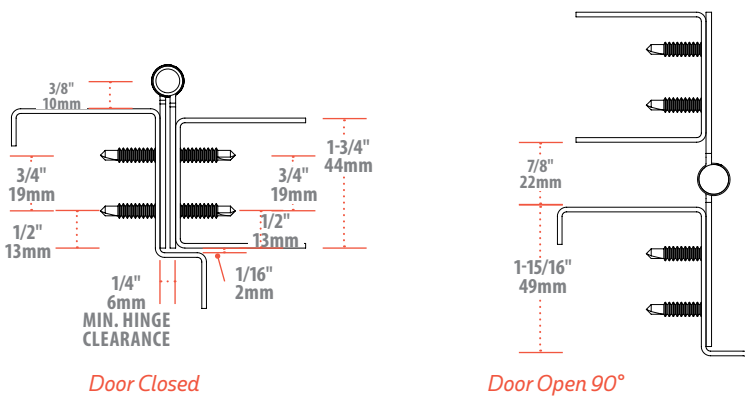
D200

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.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## D200 EDGE MOUNT HINGE

## Standard Features

## Barrel Type Hinge

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

## 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
- Special sheared leaf

## Fasteners

- Tamper-proof security screws – TORX

## Electrical Modifications

- Current Transfer Prep (frame leaf only) Prepped for D4612 EPT Series

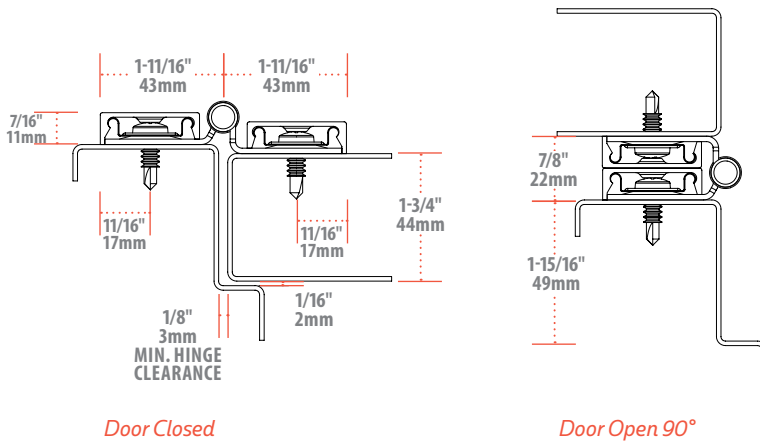
## ElectroLynx™ – Standard

- EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)

## HINGES

D201

## 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

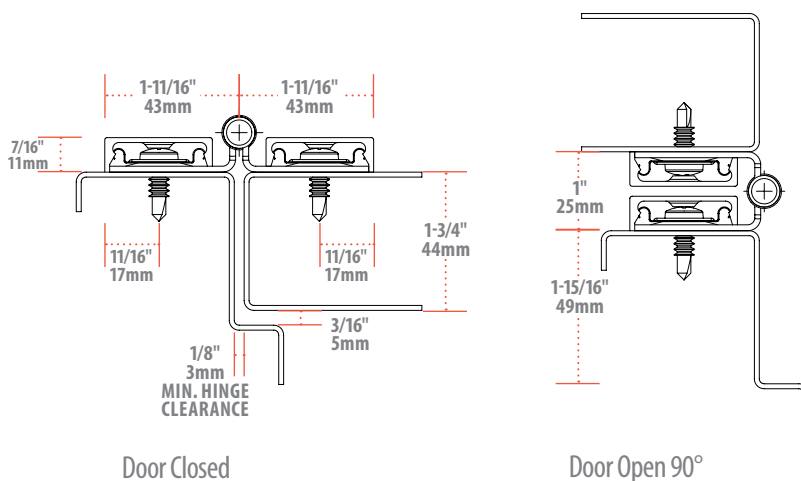
**Fasteners**

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

## HINGES

D202

## 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

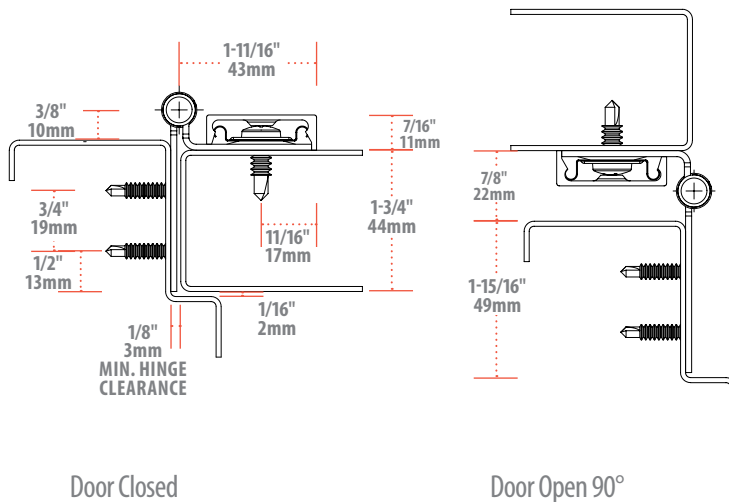
- 1-5/8" steel sleeve bolts Tamper-proof security screws – TORX



## HINGES

D203

## 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.*

## 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

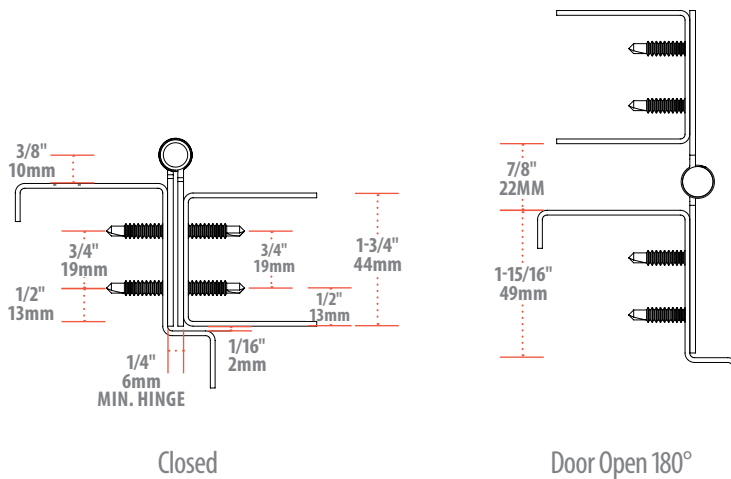
- 1-5/8" steel sleeve bolts Tamper-proof security screws

## Electrical Modifications

- Current Transfer Prep (frame leaf only). Prepped for D4612 EPT Series.

## HINGES

D300

D300 SERIES PIN & BARREL TYPE  
CONTINUOUS STAINLESS STEEL 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.

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 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
- **Finish:** US32D Satin Stainless Steel (630), **Optional Finish:** US32 Bright Stainless Steel (629), Scratch-Resistant Powder Coated Paint.
- 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-rabbeted frame.*

## HINGES

D300

## 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)

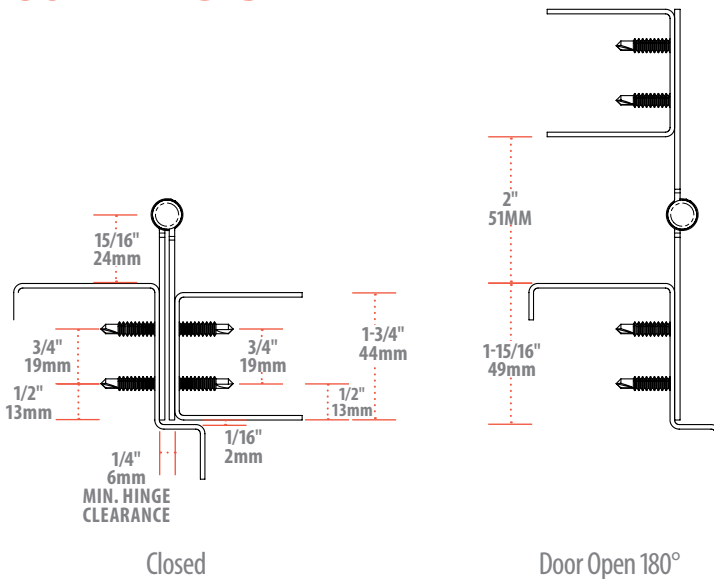


FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HINGES

D300WT

## 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

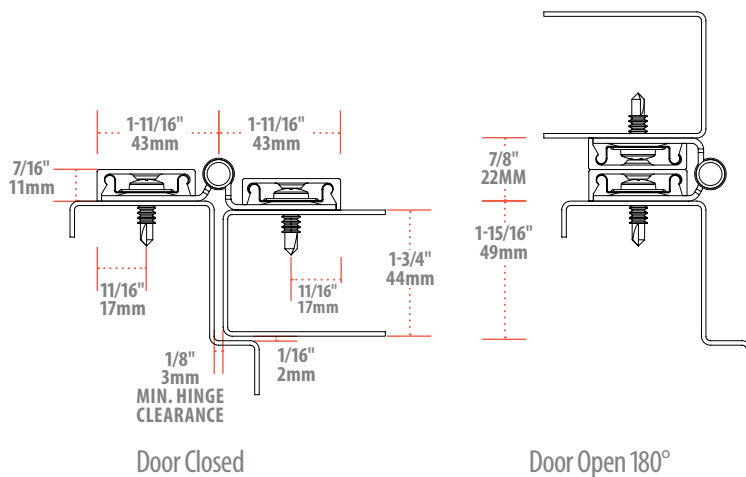
## Electrical Modifications

- Current Transfer Prep - suffix "CTP"
- Adjustable monitoring switch - suffix "AMS"
- Electrical Transfer Access Prep - suffix "ETAP"

## HINGES

D301

## 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"

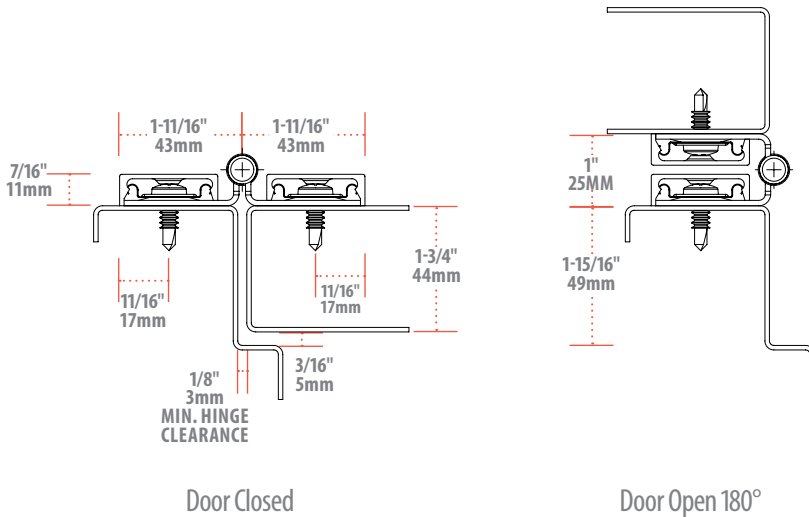
## Fasteners

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

## HINGES

D302

## 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

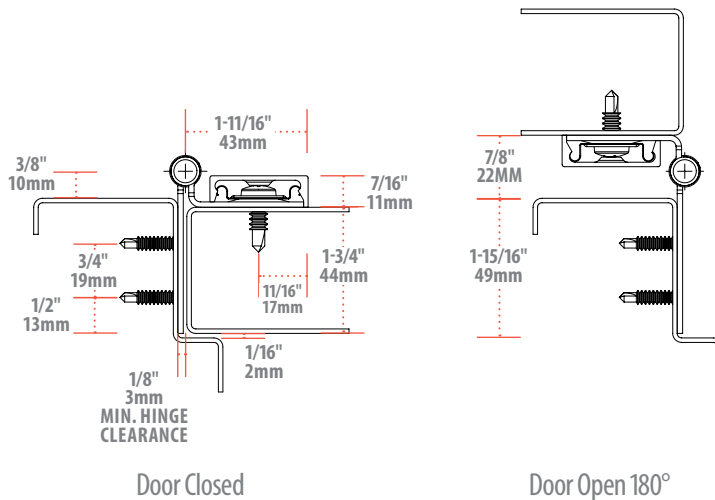
## Fasteners

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

## HINGES

D303

## 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



# HINGES

D303

-  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

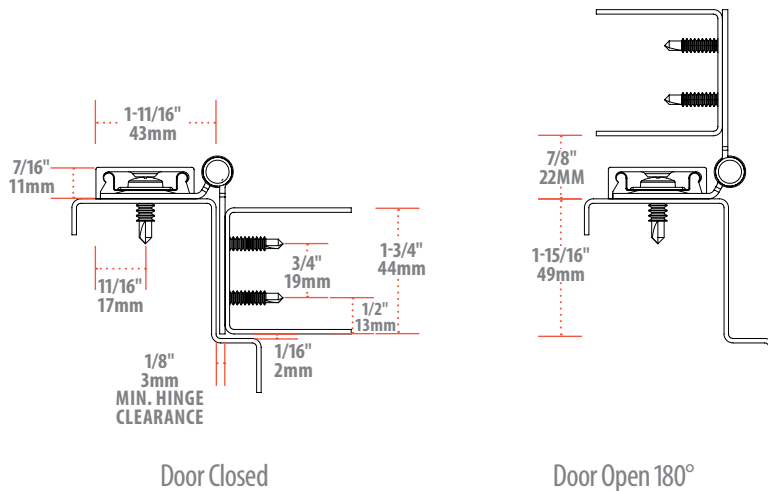
### Electrical Modifications

- Current Transfer Prep (frame leaf only)

## HINGES

D304

## D304 HALF MORTISE HINGE



This pin & barrel type hinge is used on wooden doors to hid 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

## 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

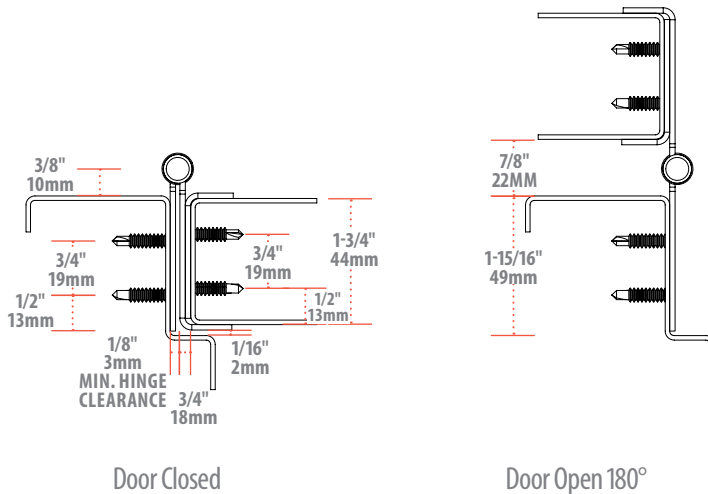
## Electrical Modifications

- Current Transfer Prep (door leaf only)

## HINGES

D305

## 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

# HINGES

D305

## 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)



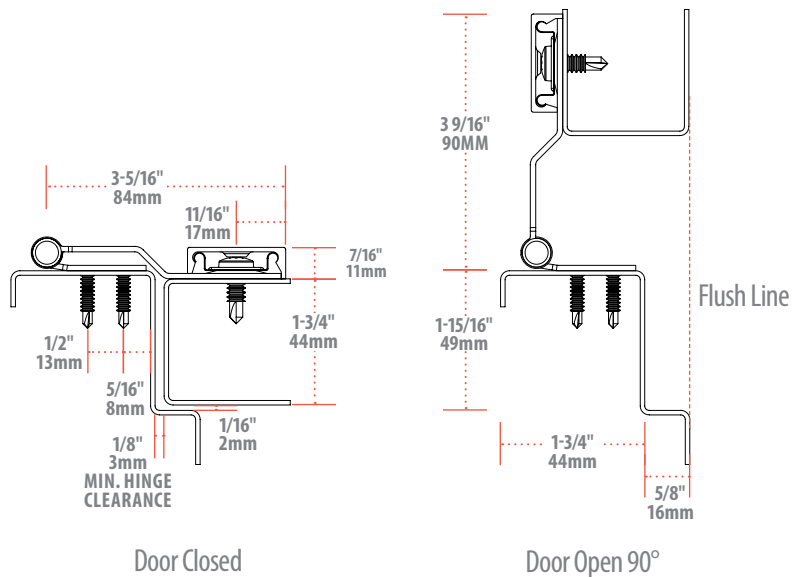
ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HINGES

D309

## 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

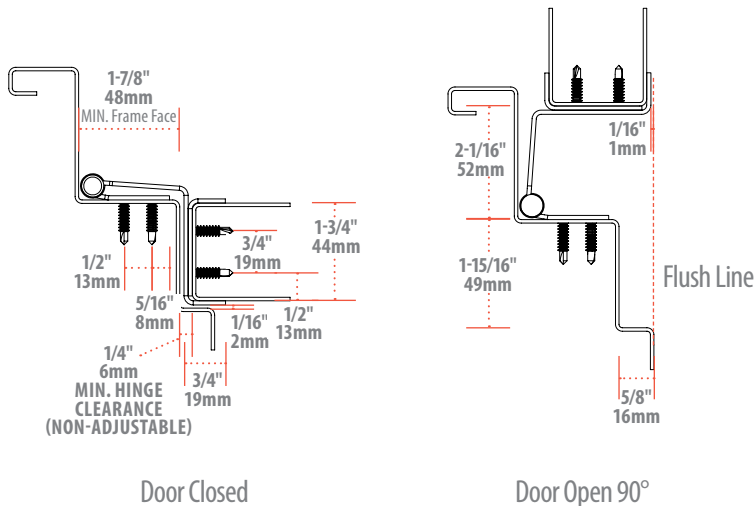
## Other Features

- Custom lengths - specify in inches
- Custom hole pattern
- 1-3/4" aluminum sleeve bolts
- Hospital tips
- Lead lined cover with 1/16" lead lining

# HINGES

D310

## 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

# HINGES

D310

## 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)



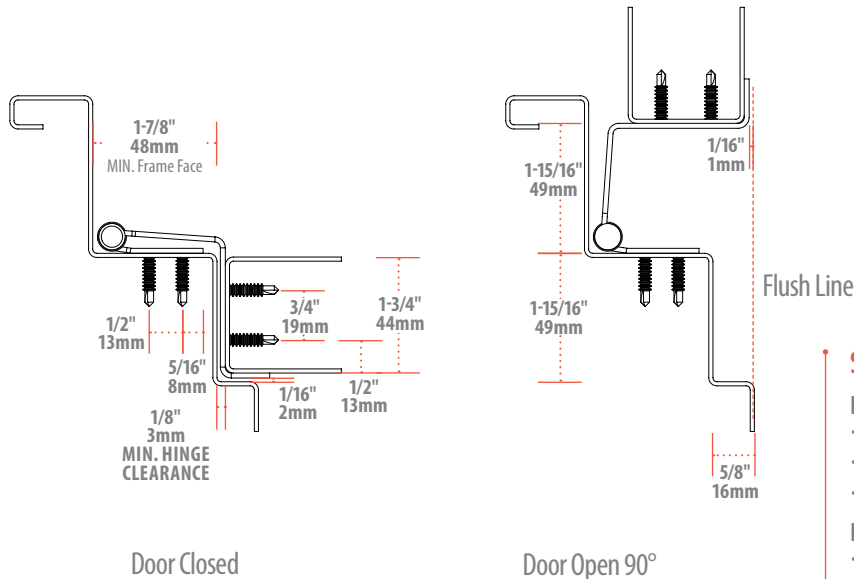
ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HINGES

D311

## D311 SWING CLEAR HINGE GUARD



This surface applied swing clear version allows doors to meet ADA requirements. The single wrap protects door edges from cart 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". 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



# HINGES

D311

## 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

### Tools

- MTSP-100 Right angle skewdriver for ease of installation

### Electrical Modifications

- Current Transfer Prep (door leaf only)

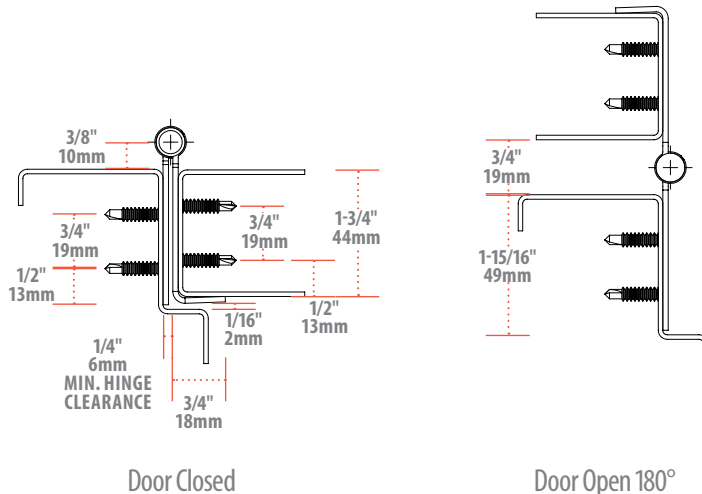
### ElectroLynx™ - Standard

- EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)

## HINGES

D315

## 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

# HINGES

D315

## 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

### ElectroLynx™ - Standard

- EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)



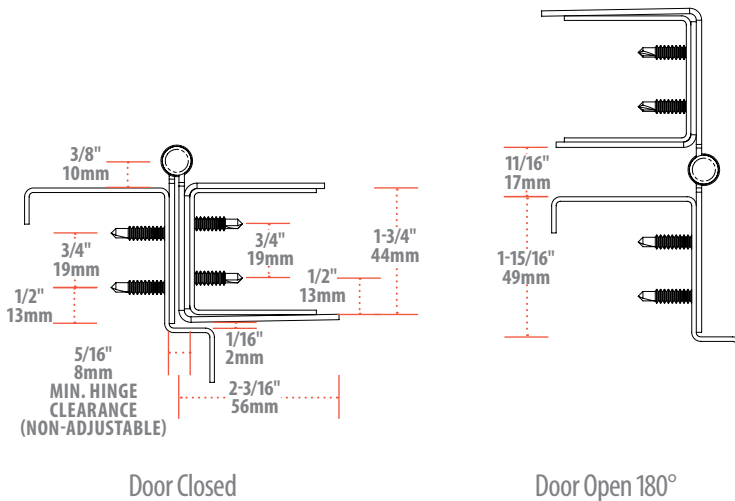
ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HINGES

D322

## 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

# HINGES

D322

## 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)



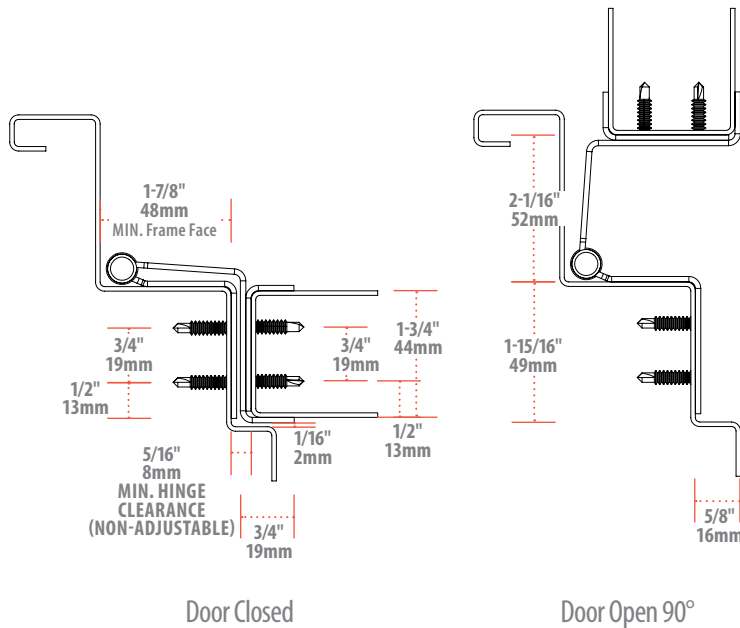
ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HINGES

D326

## 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

# HINGES

D326

## 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

### ElectroLynx™ – Standard

- EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)

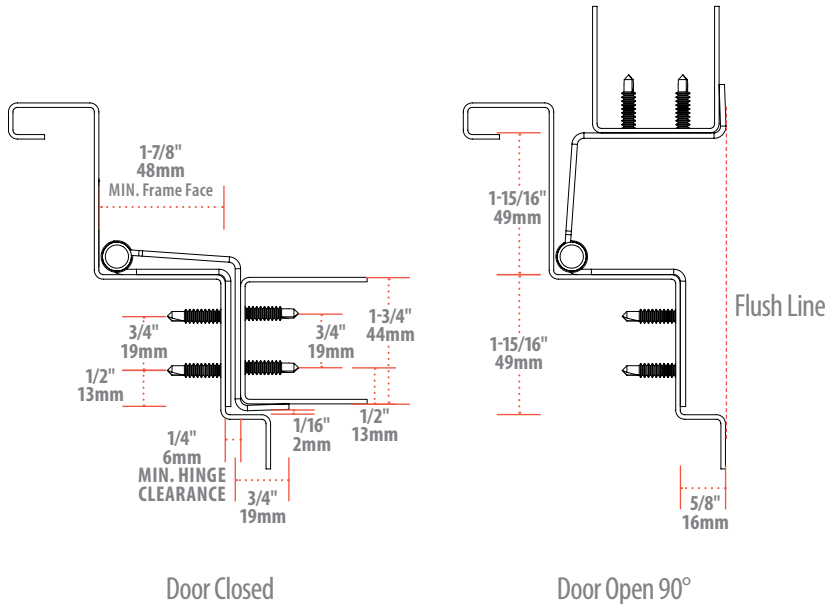


FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HINGES

D329

## 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



# HINGES

D326

## 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

### ElectroLynx™

- EL4 (4 wire), EL8 (8 wire), EL12 (12 wire)



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HOW TO ORDER

## HINGES

HARDWARE MODEL	DESCRIPTION	AVAILABILITY (DOOR TYPE & MAXIMUM RATING)	
		WOOD	METAL
D200	• Pin and Barrel Type Continuous Steel Hinge	• 90	• 180
D201	• Full Surface 1/8" Inset Hinge	• 90	• 180
D202	• Full Surface Flush Mount Hinge	• 90	• 180
D203	• Half Surface Hinge	• 90	• 180 (SINGLE)   90 (PAIR)
D300	• Pin and Barrel Type Continuous Stainless Steel Hinge	• 90	• 180
D300W	• Wide Throw Edge Mount Hinge - Stainless Steel Hinge Series • D300W1, D300W2, D300W3, D300W4, D300W5	• 90	• 180
D301	• Full Surface 1/8" Inset	• 90	• 180
D302	• Full Surface Flush Mount Hinge	• 90	• 180
D303	• Half Surface Hinge	• 90	• 180 (SINGLE)   90 (PAIR)
D304	• Half Mortise Hinge	• 90	• 180
D305	• Heavy Duty Stainless Steel Continuous Hinge with Hinge Guard	• 90	• 180
D305A	• Heavy Duty Stainless Steel Continuous Hinge with Hinge Guard & Adjust Screws	• 90	• 180
D309	• Full Surface Swing Clear Hinge	• 90	• 180
D310	• Heavy Duty Stainless Steel Swing Clear Continuous Hinge with Hinge Guard	• 90	• 180 (SINGLE)   90 (PAIR)
D310A	• Heavy Duty Stainless Steel Swing Clear Continuous Hinge with Hinge Guard & Adjusta Screws	• 90	• 180
D311	• Heavy Duty Stainless Steel Swing Clear Continuous Hinge with Hinge Guard	• 90	• 180 (SINGLE)   90 (PAIR)
D315	• Edge Mounted Continuous Hinge with Hinge Guard	• 90	• 180
D322	• Edge Mounted Continuous Hinge with Hinge Guard	• 90	• 180
D326A	• Swing Clear Continuous Hinge with Hinge Guard and Adjusta Screws (Std)	• 90	• 180
D329	• Swing Clear Continuous Hinge with Hinge Guard for Square Edge Door	• 90	• 180
MISC	• For Miscellenous Continuous Hinges - Not listed above.	• To Be Determined by Product Model # and Function	
453	• 4 1/2" x 4 1/2" x Standard Weight Hinge (QTY 3 Hinges) (PREP ONLY)	• 90	• 180
H453	• 4 1/2" x 4 1/2" x Heavy Weight Hinge (QTY 3 Hinges) (PREP ONLY)	• 90	• 180
454	• 4 1/2" x 4 1/2" x Standard Weight Hinge (QTY 4 Hinges) (PREP ONLY)	• 90	• 180
H454	• 4 1/2" x 4 1/2" x Heavy Weight Hinge (QTY 4 Hinges) (PREP ONLY)	• 90	• 180
503	• 5" x 4 1/2" x Standard Weight Hinge (QTY 3 Hinges) (PREP ONLY)	• 90	• 180
H503	• 5" x 4 1/2" x Heavy Weight Hinge (QTY 3 Hinges) (PREP ONLY)	• 90	• 180



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HOW TO ORDER

## HINGES

<b>504</b>	• 5" x 4 1/2" x Standard Weight Hinge (QTY 4 Hinges) (PREP ONLY)	• 90	• 180
<b>H504</b>	• 5" x 4 1/2" x Heavy Weight Hinge (QTY 4 Hinges) (PREP ONLY)	• 90	• 180
<b>PTS</b>	• Rated Pivot Hinge Set (Top, Bottom and Intermediat Pivot) - (PREP ONLY) • - Must Specify Manufacturer, Model and Function	• 90	• 180
LENGTH	DESCRIPTION	AVAILABILITY	
1	• 79.1875" Standard Hinge Length	• Continuous Hinges Only	
2	• 83.1250" Standard Hinge Length		
3	• 85.0000" Standard Hinge Length		
4	• 95.0000" Standard Hinge Length		
5	• 118.7500" Standard Hinge Length		
6	• Custom Hinge Length		

FINISH	DESCRIPTION	AVAILABILITY	LEAD TIME
0	• Standard Hinge Color	• Continuous Hinges Only	• 8 Business Days
1	• PC-1 Dark Bronze	• Continuous Hinges Only	• 14 Business Days
2	• PC-2 Eggshell White		• 14 Business Days
3	• PC-3 Semi-Gloss Black		• 14 Business Days
4	• PC-4 Aluminum		• 14 Business Days
5	• PC-5 Sun Gold		• 14 Business Days
6	• PC-6 Light Copper		• 14 Business Days
7	• PC-7 Polished Brass	• 100 & 300	• 14 Business Days
8	• Polished Stainless	• US32 - Continous Hinge	
9	• Custom Powder Coat - Color Sample Needed	• Continuous Hinges Only	• 8 Weeks After Approval

HANDING	DESCRIPTION	AVAILABILITY
0	• No Hand	• Standard Continuous Hinge Length Only
1	• RH - LHR (Right Hand or Left Hand Reverse Swing)	• Continuous Hinges Only
2	• LH - RHR (Left Hand or Right Hand Reverse Swing)	• Continuous Hinges Only



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HOW TO ORDER

## HINGES

NON ELECTRICAL MODIFICATIONS	DESCRIPTION	AVAILABILITY
0	• None	• Continuous Hinges Only
1	• Raised Barrel	• Continuous Hinges Only
2	• WT10 Measures 2.91" from Frame Stop to Hinge Edge when door is open at 90°	• Continuous Hinges Only D300 SERIES
3	• WT20 Measures 3.19" from Frame Stop to Hinge Edge when door is open at 90°	• Continuous Hinges Only D300 SERIES
4	• WT30 Measures 3.49" from Frame Stop to Hinge Edge when door is open at 90°	• Continuous Hinges Only D300 SERIES
5	• WT40 Measures 3.84" from Frame Stop to Hinge Edge when door is open at 90°	• Continuous Hinges Only D300 SERIES
6	• WT50 Measures 4.20" from Frame Stop to Hinge Edge when door is open at 90°	• Continuous Hinges Only D300 SERIES
7	• TORX Screws	• Continuous Hinges Only
A	• Raised Barrel with TORX Screws	• Continuous Hinges Only
B	• WT10 Measures 2.91" from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws	• Continuous Hinges Only D300 SERIES
C	• WT20 Measures 3.19" from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws	• Continuous Hinges Only D300 SERIES
D	• WT30 Measures 3.49" from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws	• Continuous Hinges Only D300 SERIES
E	• WT40 Measures 3.84" from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws	• Continuous Hinges Only D300 SERIES
F	• WT50 Measures 4.20" from Frame Stop to Hinge Edge when door is open at 90° with TORX Screws	• Continuous Hinges Only D300 SERIES

HOSPITAL TIP	DESCRIPTION	AVAILABILITY
0	• No	• Continuous Hinges Only
1	• Yes	• Continuous Hinges Only

CURRENT TRANSFER PREP	DESCRIPTION	AVAILABILITY
0	• None – No current transfer prep	• Continuous Hinges Only
1	• D4612-1 – 105° Degree of Opening	• Continuous Hinges Only
2	• D4612-2 – 180° Degree of Opening	• Continuous Hinges Only
3	• D4612-TSC – Swing clear hinges	• Continuous Hinges Only

Adams  
Rite

ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HOW TO ORDER

## HINGES

NON ELECTRICAL MODIFICATIONS	DESCRIPTION	AVAILABILITY
0	• None	• 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.
1	• EL-4	
2	• EL-8	
3	• EL-12	

ELECTRIC TRANSFER ACCESS PANEL	DESCRIPTION	AVAILABILITY
0	• No	• Continuous Hinges Only
1	• Yes	• Continuous Hinges Only

AUTO DOOR BOTTOM	DESCRIPTION	AVAILABILITY
0	• No Prep	• Continuous Hinges Only
1	• Yes - Prep Only	• Continuous Hinges Only

AUTO DOOR BOTTOM MODEL	DESCRIPTION	AVAILABILITY
0	• None	• Continuous Hinges Only
1	• Standard ASSA ABLOY Auto Door Bottom - Specify (PREP ONLY)	• Continuous Hinges Only
2	• Customer Defined Auto Door Bottom (PREP ONLY)	• Continuous Hinges Only

WELDED END PIN	DESCRIPTION	AVAILABILITY
0	• No	• Continuous Hinges Only
1	• Yes	• Continuous Hinges Only

# HOW TO ORDER

## HINGES

SHIMS	DESCRIPTION	AVAILABILITY
0	• None	• Continuous Hinges Only
1	• CHS1	• Continuous Hinges Only
2	• CHS2	• Continuous Hinges Only

CUSTOM HINGE LENGTH (WHOLE #)	DESCRIPTION (IN INCHES)	CUSTOM HINGE LENGTH (FRACTIONAL #)	DESCRIPTION (IN INCHES)	AVAILABILITY
0	0	0	0.0000	<p>Available for All Custom Length Continuous Hinges.</p> <p>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.</p>
AI	75	A	0.0625 (1/16)	
AJ	76	B	0.125 (1/8)	
AK	77	C	0.1875 (3/16)	
AL	78	D	0.25 (1/4)	
AM	79	E	0.3125 (5/16)	
AN	80	F	0.375 (3/8)	
A	81	G	0.4375 (7/16)	
B	82	H	0.5 (1/2)	
AO	83	I	0.5625 (9/16)	
C	84	J	0.625 (5/8)	
AP	85	K	0.6875 (11/16)	
D	86	L	0.75 (3/4)	
E	87	M	0.8125 (13/16)	
F	88	N	0.875 (7/8)	
G	89	O	0.9375 (15/16)	
H	90			
I	91			
J	92			
K	93			
L	94			
AQ	95			



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

## HINGES

CUSTOM HINGE LENGTH (WHOLE #)	DESCRIPTION ( IN INCHES )	CUSTOM HINGE LENGTH (FRACTIONAL #)	DESCRIPTION ( IN INCHES )	AVAILABILITY
M	96			<p><i>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.</i></p>
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			



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

## HINGES

HOW TO ORDER	MODEL		LENGTH	FINISH	HAND	NON ELECTRICAL MOD	HOSPITAL TIP	CURRENT TRANSFER PREP	ELECTRICAL MODS	ELECTRIC TRANSFER ACCESS PANEL	AUTO DOOR BOTTOM	AUTO DOOR BOTTOM MODEL	WELDED END PIN	SHIMS	HINGE LENGTH - WHOLE	HINGE LENGTH - FRACT
	D300	-	6	0	1	0	0	0	0	0	0	0	0	0	A0	G



# EDGE GUARDS

## WHY EDGE GUARDS ON DOORS?

**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. Lets not for get 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.



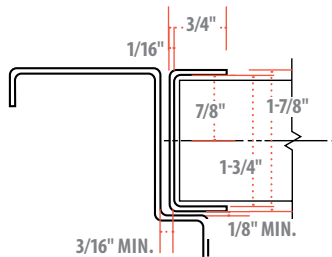
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## EDGE GUARDS

D308

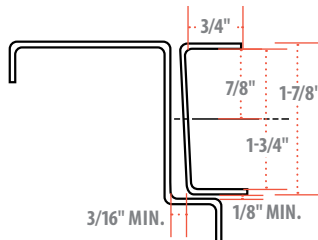
## D308 EDGE GUARD

## Square Edge Doors



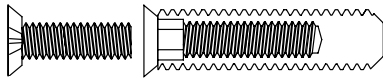
Door Clearance

## 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.



Adjust-A-Screw™

## 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

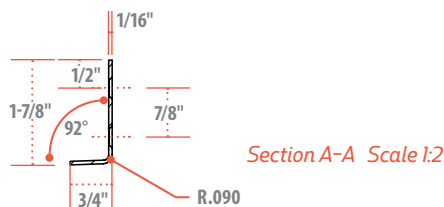
## Fasteners

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

## EDGE GUARDS

DC308

## 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



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

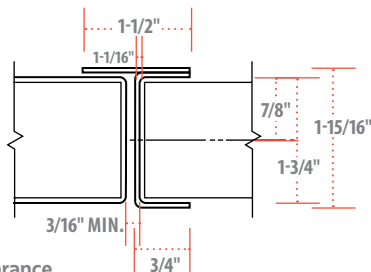
- Tamper-proof security screw

## EDGE GUARDS

DT308

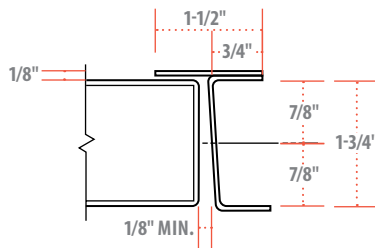
## DT308 EDGE GUARD

## Square Edge Doors



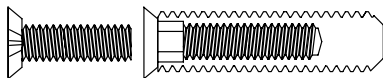
Door Clearance

## Bevel Edge Door



Door Clearance

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

## 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



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
- 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"

## HOW TO ORDER

## EDGE GUARDS

HARDWARE MODEL	DESCRIPTION	AVAILABILITY (DOOR TYPE & MAXIMUM RATING)	
		WOOD**	METAL
D308*	• Standard Edge Guard with a 3/4" return on both sides	• 90	• 180
DC308*	• Standard Edge Guard with a 3/4" return on wide side of the door	• 90	• 180
DT308	• Standard Edge Guard with a 3/4" return on both sides and a over lapping astragal	• 90	• 180
	• * If used in with conjunction with continuous hinges on the hinge edge of the door – refer to product pages for Continuous Hinge Availability	• ** Surface Applied Intumescent Seal Required on Edge Guards Placed on the Lock Edge of Wood Doors	
	• Place a "L" after edge mode code for lead lined cover		

LENGTH	DESCRIPTION	AVAILABILITY
1	• 79.1875" Standard Hinge Length	• Standard Edge Guard Sizes
2	• 83.1250" Standard Hinge Length	
3	• 85.0000" Standard Hinge Length	
4	• 95.0000" Standard Hinge Length	
5	• 118.7500" Standard Hinge Length	
6	• Custom Hinge Length	• For Custom Edge Guard Length

DOOR THICK-NESS	DESCRIPTION	AVAILABILITY
1	• 1.75 (1 3/4" Thick Door)	• Primed or Stained
2	• 1.8125 (1 13/16" Thick Door)	• Painted Doors
3	• 1.8750 (1 7/8" Thick Door)	• HPL Doors

HOLE PAT-TERN	DESCRIPTION	AVAILABILITY
1	• Standard	• Always Standard Hole Pattern

ADJUSTA SCREWS	DESCRIPTION	AVAILABILITY
0	• No	• All Edge Guards
1	• Yes	



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HOW TO ORDER

## EDGE GUARDS

1ST PREP	DESCRIPTION	AVAILABILITY
0	• No Prep	• All Edge Guards
1	• 4.5 (4 1/2") Butt Hinge	• Edge Guard for Hinge Edge Only
2	• 5.0 (5") Butt Hinge	• Edge Guard for Hinge Edge Only
3	• Standard #86 Mortise Lock Edge Prep	• Edge Guard for Lock Edge Only

2ND PREP	DESCRIPTION	AVAILABILITY
0	• No Prep	• All Edge Guards
4	• 9/16" Hole for Fire Pin	• Miscellaneous Lock Edge Prep Only
5	• 13/32" Hole for Fire Pin	• Miscellaneous Lock Edge Prep Only
6	• Electric Power Transfer Prep - Location will need to be specified	• Miscellaneous Hinge Edge Prep Only
7	• Auto Door Bottom Prep - Mfg and Model # to be specified	• Miscellaneous Prep for Lock or Hinge Edge

FLUSH BOLT	DESCRIPTION	AVAILABILITY
0	• None	• All Edge Guards
1	• Quantity of 1 - Automatic Flush Bolt Prep	• Lock Edge Prep Only
2	• Quantity of 2 - Automatic Flush Bolt Prep	• Lock Edge Prep Only

RETURN	DESCRIPTION	AVAILABILITY
0	• 3/4" Return - Standard	• All Edge Guards

HANDING	DESCRIPTION	AVAILABILITY
1	• RH - LHR ( Right Hand or Left Hand Reverse Swing )	• All Edge Guards Require a Handing Specified
2	• LH - RHR ( Left Hand or Right Hand Reverse Swing )	

# HOW TO ORDER

## EDGE GUARDS

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



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## HOW TO ORDER

## EDGE GUARDS

CUSTOM HINGE LENGTH (WHOLE #)	DESCRIPTION (IN INCHES)	CUSTOM HINGE LENGTH (FRACTIONAL #)	DESCRIPTION (IN INCHES)	AVAILABILITY
0	• 0	0	• 0.0000	<ul style="list-style-type: none"> <li>• Available for All Custom Length Continuous Hinges.</li> <li>• 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.</li> </ul>
AI	• 75	A	• 0.0625 (1/16)	
AJ	• 76	B	• 0.125 (1/8)	
AK	• 77	C	• 0.1875 (3/16)	
AL	• 78	D	• 0.25 (1/4)	
AM	• 79	E	• 0.3125 (5/16)	
AN	• 80	F	• 0.375 (3/8)	
A	• 81	G	• 0.4375 (7/16)	
B	• 82	H	• 0.5 (1/2)	
AO	• 83	I	• 0.5625 (9/16)	
C	• 84	J	• 0.625 (5/8)	
AP	• 85	K	• 0.6875 (11/16)	
D	• 86	L	• 0.75 (3/4)	
E	• 87	M	• 0.8125 (13/16)	
F	• 88	N	• 0.875 (7/8)	
G	• 89	O	• 0.9375 (15/16)	
H	• 90			
I	• 91			
J	• 92			
K	• 93			
L	• 94			
AQ	• 95			



# HOW TO ORDER

## EDGE GUARDS

CUSTOM HINGE LENGTH (WHOLE #)	DESCRIPTION ( IN INCHES )	CUSTOM HINGE LENGTH (FRACTIONAL #)	DESCRIPTION ( IN INCHES )	AVAILABILITY
M	• 96			<p><i>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.</i></p>
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			



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

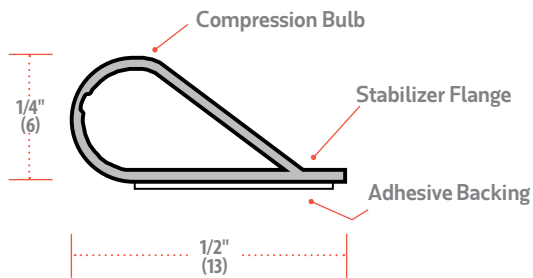
## EDGE GUARDS

HOW TO ORDER	MODEL	LENGTH	DOOR THICKNESS	HOLE PATTERN	ADJUSTA SCREWS	1ST PREP	2ND PREP	FLUSHBOLT	RETURN	HANDING	FINISH	HINGE LENGTH - WHOLE	HINGE LENGTH - FRACT
	D308	-	6	1	1	0	0	0	0	1	0	A0	G

## SEAL KITS

D-SS-STK

## D-SS-STK FRAME



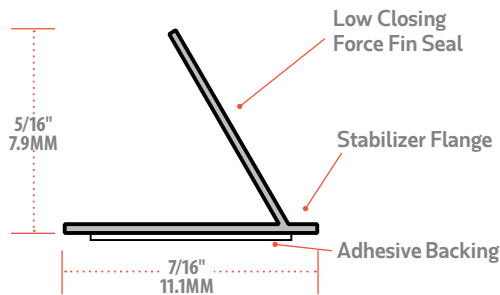
## Standard Features

- 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".

## SEAL KITS

D-SS44-STK

## D-SS44-STK FRAME



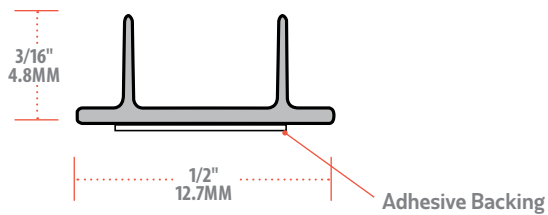
## Standard Features

- 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".

## SEAL KITS

## LOCK EDGE

## D-SS-STK &amp; D-SS44-STK LOCK EDGE



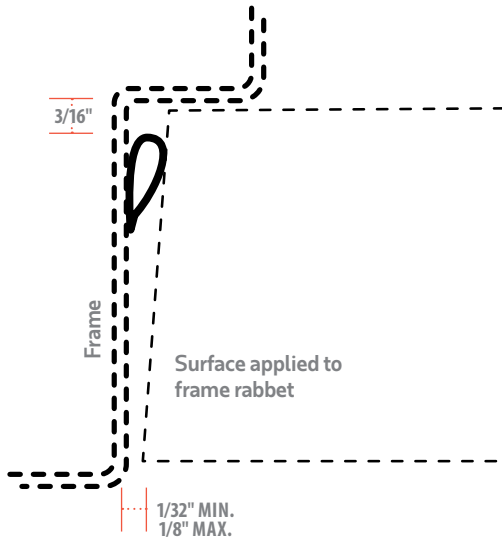
The astragal/meeting stile seals can be installed on virtually any pair of doors where sound attenuation is required. These products seal the opening to prevent heat loss, slow the passage of smoke and act as a weatherization product.

- Excellent resistance to compression set, particularly at elevated temperatures and for extended periods of time.
- Stays flexible between  $-58^{\circ}\text{F}$  and  $450^{\circ}\text{F}$  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  $50^{\circ}\text{F}$  and  $100^{\circ}\text{F}$ .

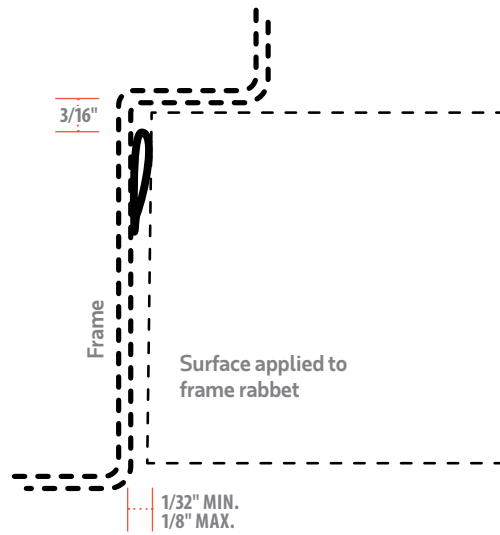
# SEAL KITS

## EDGE SEALING SYSTEM

### BEVELED EDGE DOOR



### SQUARE EDGE DOOR



## SEAL KITS

## ABOUT

**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 50°F) or too hot (above 100°F) 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.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

## SEAL KITS

MODEL	DESCRIPTION
D-SS-STK	• Bulb Seal, 1/4", 30ft x Double Fin, 10ft - SEAL KIT
D-SS44-STK	• Single Fin "V": Seal 30ft x Double Fin, 10ft - SEAL KIT

LENGTH	DESCRIPTION	AVAILABILITY
DBZ	• Dark Bronze * Standard Color	• D-SS-STK & D-SS44-STK
CLR	• Clear	• D-SS-STK & D-SS44-STK
WHT	• White	• D-SS-STK Only

HOW TO ORDER	GASKET DETAIL	COLOR
	D-SS-STK	DBZ



*D-SS-STK - Dark Bronze Seal Kit Comes Standard With All Integrated Door Systems Unless Otherwise Specified*

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



## SURFACE CLOSERS

## GENERAL INFORMATION

## 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)



Adams  
Rite

ASSA ABLOY

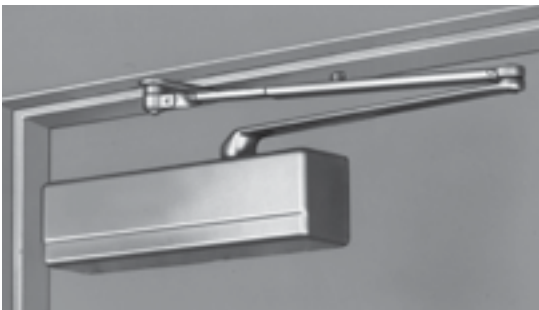
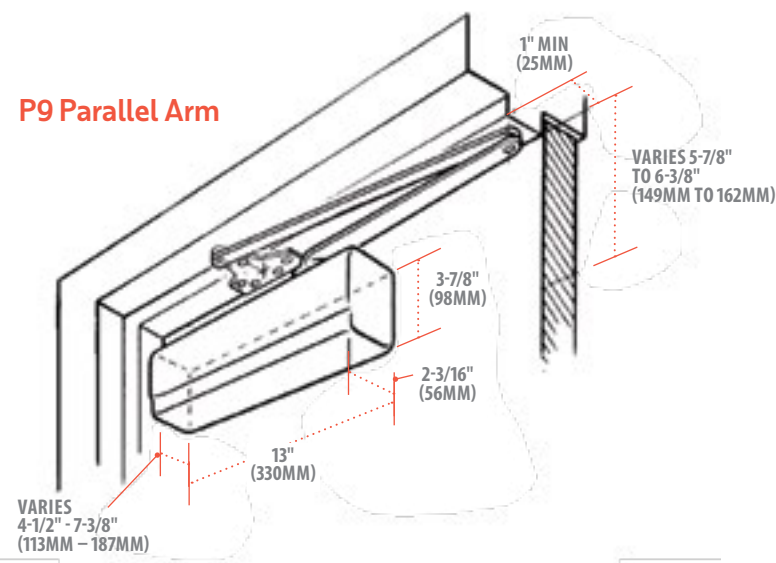
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## SURFACE CLOSERS

D-DC-351P9-689

## 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.



P9 ARM SHOWN

## 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



ASSA ABLOY

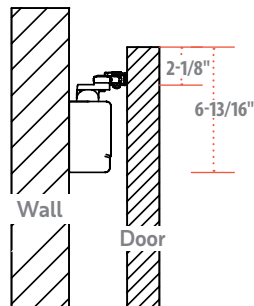
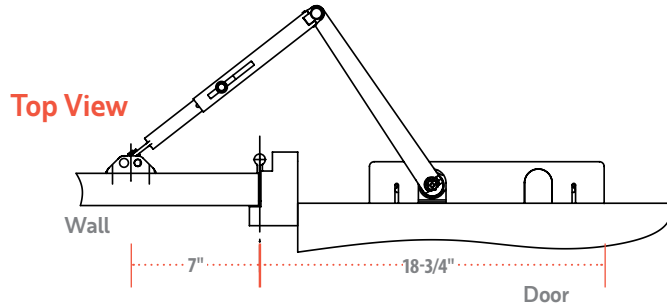
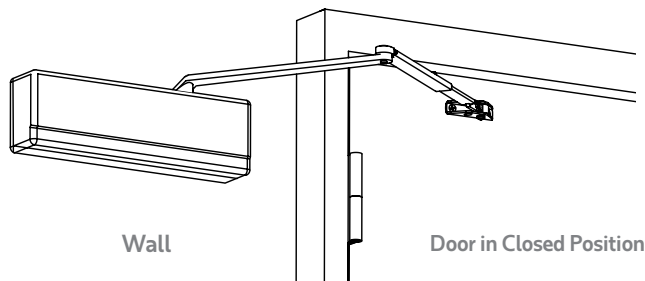
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# SURFACE CLOSERS

D-DC-351PKT-689

## 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

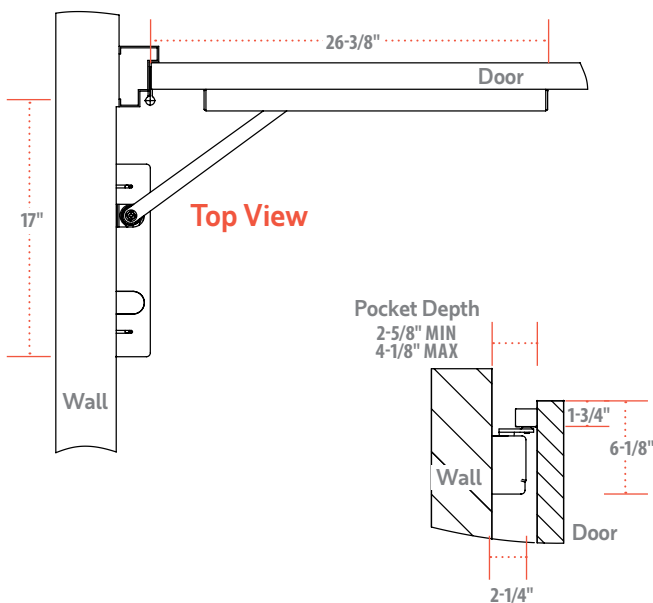
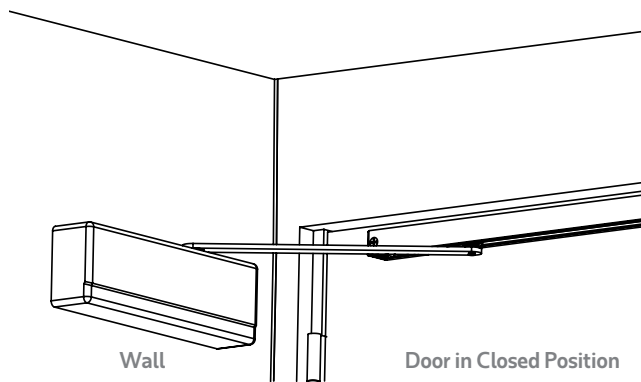
- • Universal Body

# SURFACE CLOSERS

D-DC-351PKT90-689

## TRACK TYPE 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.



## TRACK TYPE APPLICATION

- 90° Maximum Opening
- Extruded Aluminum Track
- Non handed

## ARM

- Forged steel
- Bearing roller

## NON HANDED

- Universal Body

# HOW TO ORDER

## SURFACE CLOSERS

MODEL	DESCRIPTION	AVAILABILITY	
		WOOD	METAL
D-DC-351	• Closer - Surface or Pocket Style Type	• 90	• 180
D-DCT-351	• Track Arm - Pocket Style Type Only	• 90	• 180

MODEL FUNCTION	DESCRIPTION	AVAILABILITY (DEGREE OF OPENING MAX)
P9	• Surface Closer	• 180°
PKT90*	• Pocket Closer	• 90°
PKT180	• Pocket Closer	• 180°

COLOR	DESCRIPTION
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)

HOW TO ORDER	
CLOSER	CLOSER DETAIL
D-DC-351	MODEL
PKT90	FUNCTION
689	COLOR
*	SHIP LOOSE
* Item will always ship as a loose part	



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

INSTITUTIONAL  
DOOR CLOSER

D-DCN-75/77

## FASTENERS

TYPE	DESCRIPTION	ARM					
		PA	LOW PROFILE	PR	CLP/CPS	UNI	SLIDE TRACK
DOOR							
SDST	Self Drilling Self Tapping	S	S	S	S	S	N/A
MS	Machine Screw	S	S	S	S	S	S
SN	Sleeve Nut/Sex Nut	N/A	N/A	S	S	S	S
TORX®	Torx Drive Security Screw	0	0	0	0	0	0
FRAME							
SDST	Self Drilling Self Tapping	S	S	S	S	S	S
MS	Machine Screw	S	S	S	S	S	S
SMS	Sheet Metal Screws	0	0	0	0	0	0
TORX	Torx Drive Security Screw	0	0	0	0	0	0

*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.

# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## FINISHES

ANSI/BHMA	US	DESCRIPTION
600*	SRI	Prime Coat
605	US3	Bright Brass
606	US4	Satin Brass
611	US9	Bright Bronze
612	US10	Satin Bronze
613E	US10BE	Dark Oxidized Satin Bronze - Equivalent
625	US26	Bright Chrome
626	US26D	Satin Chrome
689	AL	Aluminum
690	STAT	Statuary Bronze
691	DB	Dull Bronze
693	315	Black
696	GB	Gold

**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).

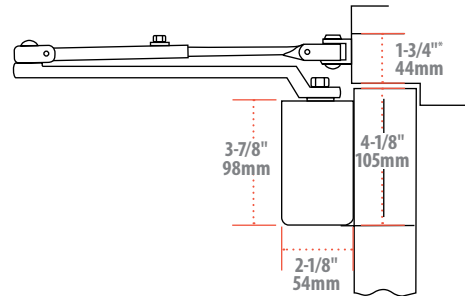
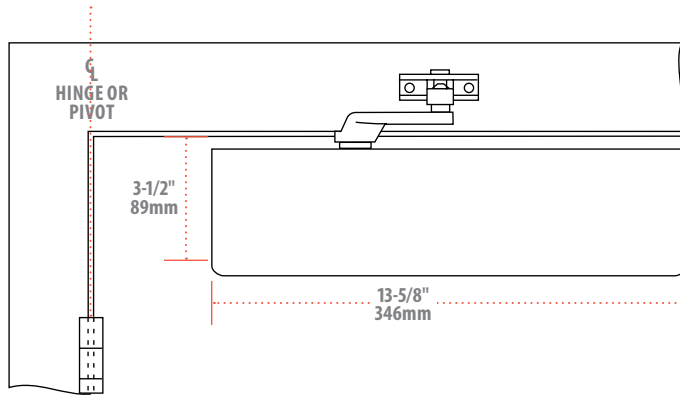
- RITE Door closer bodies and plastic covers are available in waterborne acrylic finishes. Arms and metal covers are available in powder coat or plated finishes.
- When a plated finish is ordered, arm and cover will be plated unless "cover only" is specified.

*\* 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.*

# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## REGULAR ARM



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.

MAXIMUM DOOR WIDTH INCHES (CM)		MODEL NUMBER			
		SIZED CLOSERS		MULTI-SIZED CLOSERS	
INTERIOR	EXTERIOR	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN
32" (81)	30" (76)	7702	7702H	7500	7500H
38" (97)	34" (86)	7703	7703H		
48" (122)	42" (107)	7704	7704H		
54" (137)	48" (122)	7705	7705H		
Unusual Conditions		7706	7706H		



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

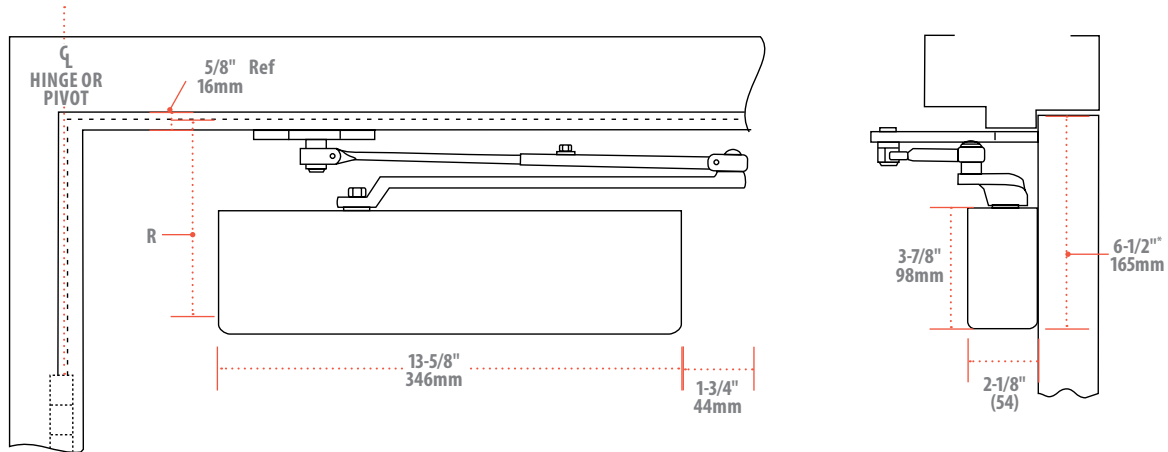
NOTE: Limitations exist for doors over 250 lbs. - contact factory for details.



# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## PARALLEL ARM



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)		MODEL NUMBER			
		SIZED CLOSERS		MULTI-SIZED CLOSERS	
INTERIOR	EXTERIOR	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN
30" (76)	—	P7702	P7702H	7500	7500H
36" (91)	30" (76)	P7703	P7703H		
42" (107)	36" (91)	P7704	P7704H		
48" (122)	42" (107)	P7705	P7705H		
54" (137)	48" (122)	P7706	P7706H		

R (INCHES/MM) MINIMUM TOP RAIL OF DOOR WITH 5/8" (16MM) FRAME STOP				
WITHOUT DROP PLATE			WITH 7788 DROP PLATE	
P7500	P7500H	P7580	P7500H	P7580
5-7/8" (149)	6-1/4" (159)	5-3/8" (137)	2-3/4" (70)	1-7/8" (48)



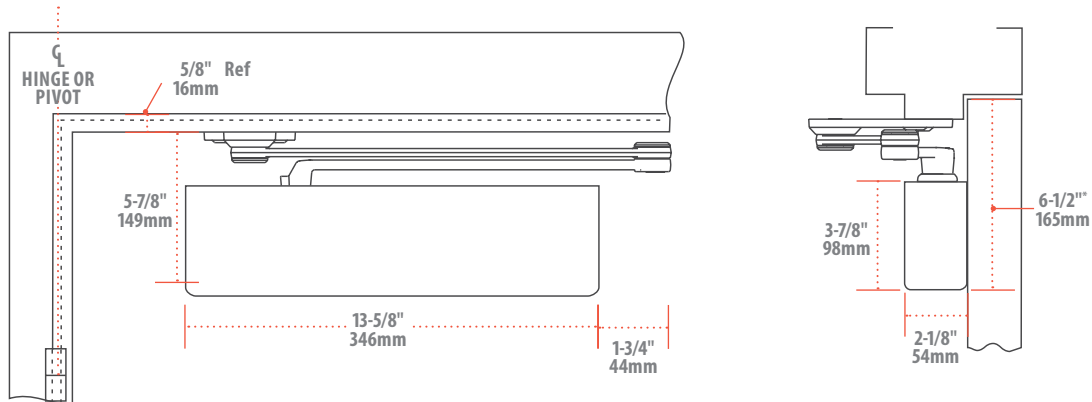
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

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

# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## PARALLEL RIGID ARM



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

MAXIMUM DOOR WIDTH INCHES (CM)		MODEL NUMBER			
		SIZED CLOSERS		MULTI-SIZED CLOSERS	
INTERIOR	EXTERIOR	NON-HOLD OPEN	HOLD OPEN*	NON-HOLD OPEN	HOLD OPEN
30" (76mm)	—	PR7702	PR7702H	PR7500	PR7500H
36" (91mm)	32" (81mm)	PR7703	PR7703H		
42" (107mm)	36" (91mm)	PR7704	PR7704H		
48" (122mm)	42" (107mm)	PR7705	PR7705H		
—	48" (122mm)	PR7706	PR7706H		

\*Specify hand when ordering

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

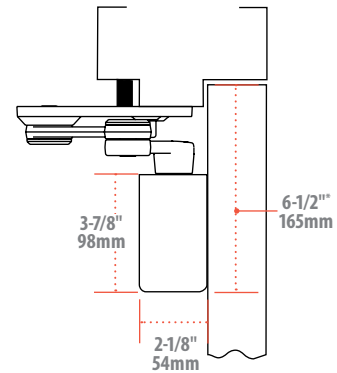
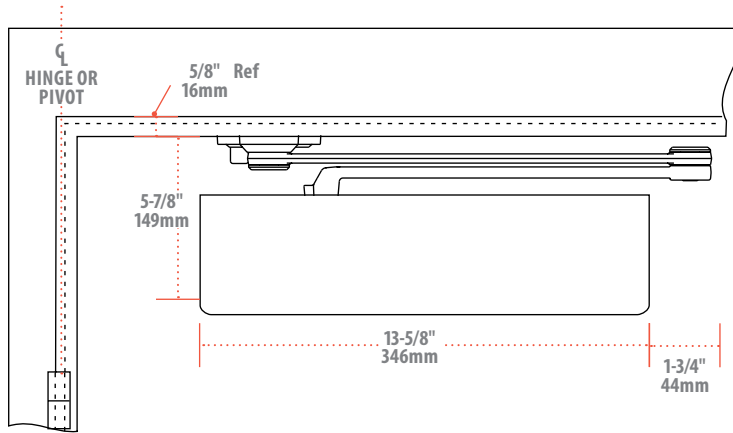


FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# 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.

MAXIMUM DOOR WIDTH INCHES (CM)		MODEL NUMBER	
		SIZED CLOSERS	MULTI-SIZED CLOSERS
INTERIOR	EXTERIOR	NON-HOLD OPEN	NON-HOLD OPEN
30" (76mm)	—	CLP7702	CLP7500
36" (91mm)	32" (81mm)	CLP7703	
42" (107mm)	36" (91mm)	CLP7704	
48" (122mm)	42" (107mm)	CLP7705	
—	48" (122mm)	CLP7706	

\*Specify hand when ordering

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

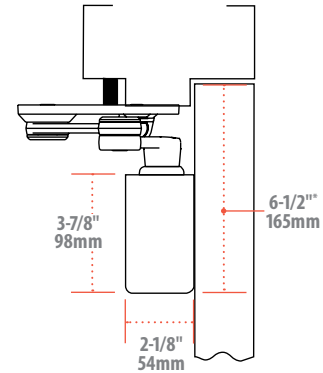
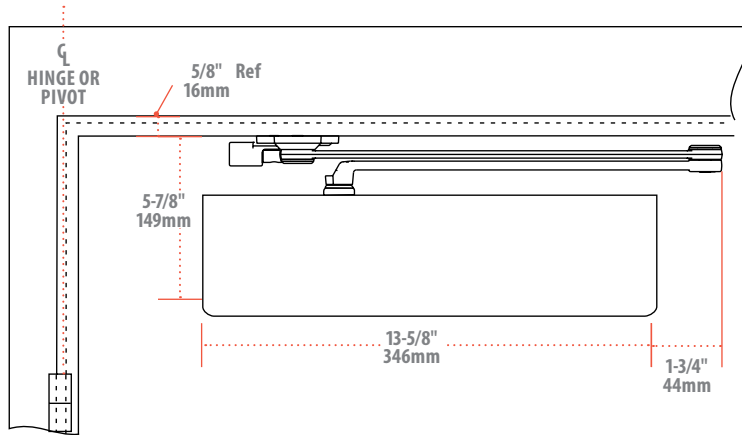


FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## CLOSERPLUS SPRING® ARM



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

MAXIMUM DOOR WIDTH INCHES (CM)		MODEL NUMBER	
		SIZED CLOSERS	MULTI-SIZED CLOSERS
INTERIOR	EXTERIOR	NON-HOLD OPEN	NON-HOLD OPEN
30" (76)	—	CPS7702	CPS7500
36" (91)	32" (81)	CPS7703	
42" (107)	36" (91)	CPS7704	
48" (122)	42" (107)	CPS7705	
—	48" (122)	CPS7706	



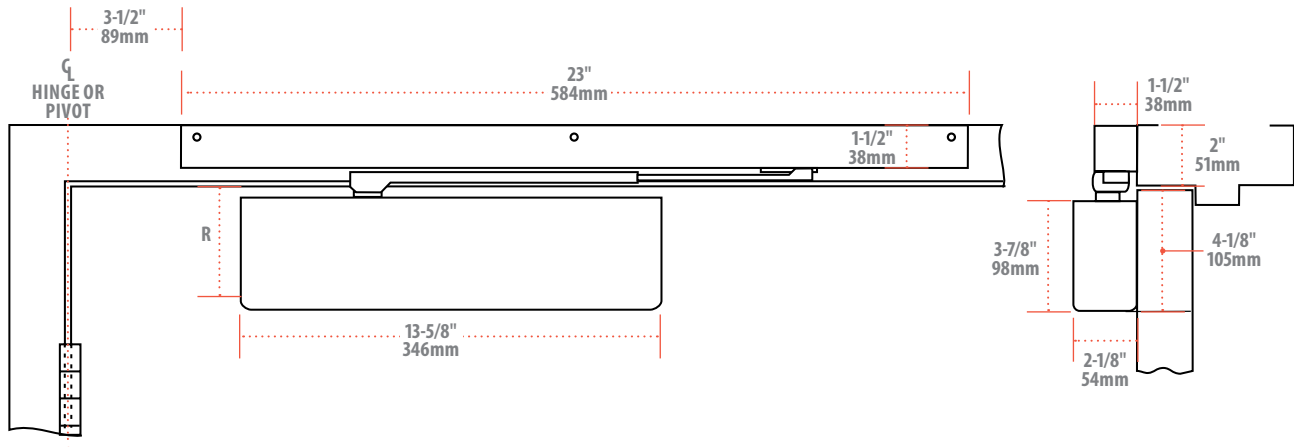
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

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

# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## PULL SIDE SLIDE TRACK



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

MAXIMUM DOOR WIDTH INCHES (CM)		MODEL NUMBER <sup>1,2</sup>					
		SIZED CLOSERS			MULTI-SIZED CLOSERS		
INTERIOR	EXTERIOR	NON-HOLD OPEN		HOLD OPEN	NON-HOLD OPEN		HOLD OPEN
		85°-100°	85°-180°	85°-100°	85°-100°	85°-180°	85°-100°
32" (81)	-	7704ST	7704ST-180	7704STH	7500ST	7500ST-180	7500STH
38" (91)	32" (81)	7705ST	7705ST-180	7705STH			
48" (122)	38" (97)	7706ST	7706ST-180	7706STH			

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	
WITHOUT DROP PLATE	WITH 7786 DROP PLATE
3-1/2" (149)	2-5/8" (70)

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

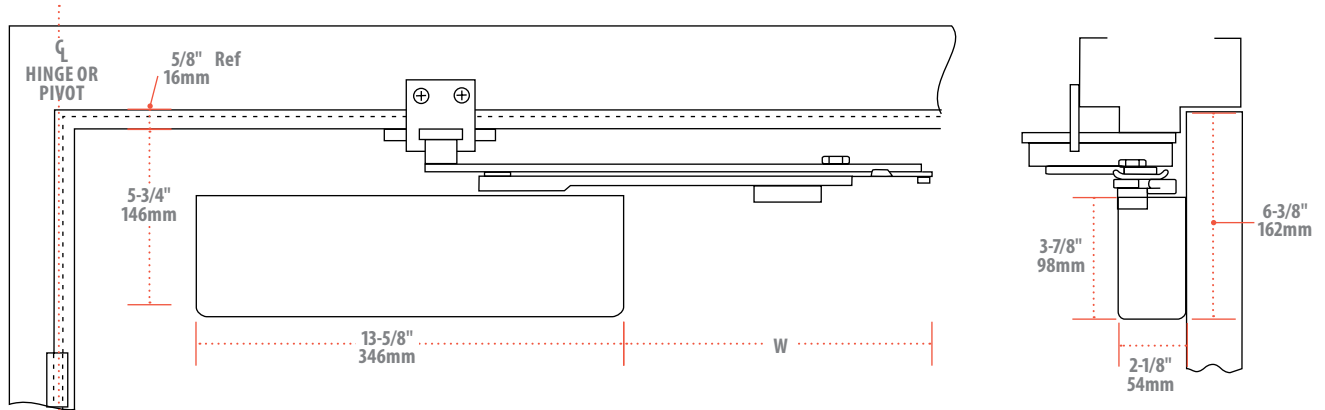


FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## PARALLEL UNITROL® ARM



- 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.

DOOR WIDTH INCHES/CM	W ARM EXTENSION BEYOND CLOSER
28-32" (71-81)	8-5/8" (219)
33-41" (84-104)	10-1/8" (257)
42-48" (107-122)	11-1/2" (292)

MAXIMUM DOOR WIDTH INCHES (CM)		MODEL NUMBER				x Specify Door Width
		SIZED CLOSERS		MULTI-SIZED CLOSERS		
INTERIOR	EXTERIOR	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN	
30" (76)	—	UNI7702	UNI7702H	UNI7500	UNI7500H	
36" (91)	30" (76)	UNI7703	UNI7703H			
42" (107)	34" (86)	UNI7704	UNI7704H			
48" (122)	42" (107)	UNI7705	UNI7705H			
—	48" (122)	UNI7706	UNI7706H			



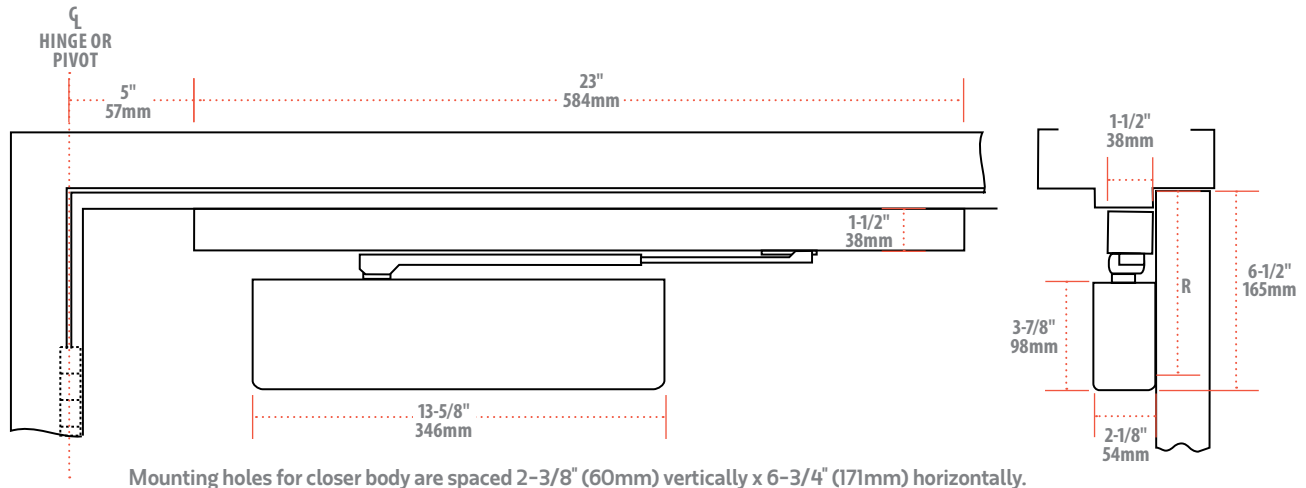
FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

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

# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## PUSH SIDE SLIDE TRACK



MAXIMUM DOOR WIDTH INCHES (CM)		MODEL NUMBER			
		SIZED CLOSERS		MULTI-SIZED CLOSERS	
INTERIOR	EXTERIOR	NON-HOLD OPEN 85°-110°	HOLD OPEN 85°-110°	NON-HOLD OPEN 85°-100°	HOLD OPEN 85°-100°
32" (81)	—	PS7704ST	PS7704STH	7500ST	7500STH
38" (91)	32" (81)	PS7705ST	PS7705STH		
48" (122)	38" (97)	PS7706ST	PS7706STH		

R (INCHES/MM) MINIMUM TOP RAIL OF DOOR WITH FRAME STOP	
WITHOUT DROP PLATE	WITH 7786 DROP PLATE
6" (152)	2-5/8" (67)



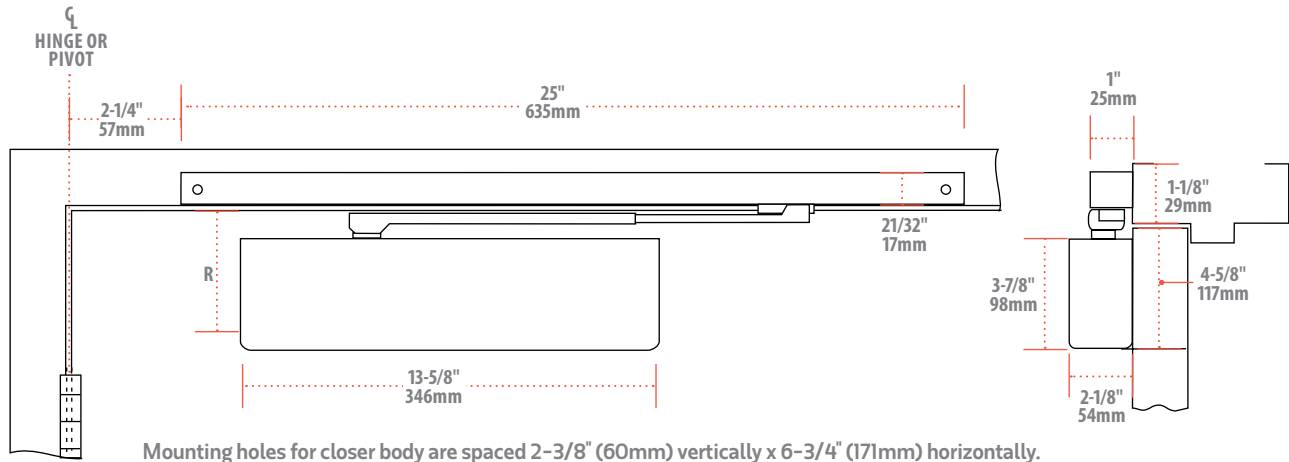
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

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

# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## LOW PROFILE PULL SIDE SLIDE TRACK



MAXIMUM DOOR WIDTH INCHES (CM)	MODEL NUMBER			
	SIZED CLOSERS		MULTI-SIZED CLOSERS	
INTERIOR	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN
32" (81)	7744ST	7744STH	7540ST	7540STH
38" (91)	7745ST	7745STH		
48" (122)	7746ST	7746STH		

R (INCHES/MM) MINIMUM TOP RAIL OF DOOR WITH FRAME STOP	
WITHOUT DROP PLATE	WITH 7786 DROP PLATE
3-1/2" (89)	2" (51)



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

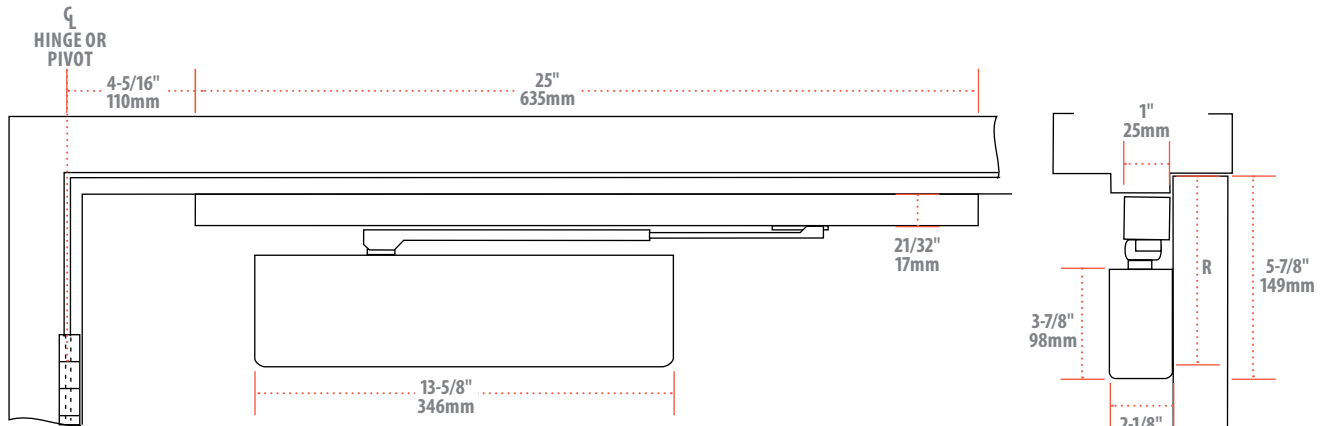
NOTE: Limitations exist for doors over 250 lbs. - contact factory for details.



# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## LOW PROFILE PUSH SIDE SLIDE TRACK



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

MAXIMUM DOOR WIDTH INCHES (CM)	MODEL NUMBER			
	SIZED CLOSERS		MULTI-SIZED CLOSERS	
INTERIOR	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN
32" (81)	PS7744ST	PS7744STH	PS7540ST	PS7540STH
38" (91)	PS7745ST	PS7745STH		
48" (122)	PS7746ST	PS7746STH		

R (INCHES/MM) MINIMUM TOP RAIL OF DOOR WITH FRAME STOP	
WITHOUT DROP PLATE	WITH 7788 DROP PLATE
5-1/4" (133)	3-5/8" (92)



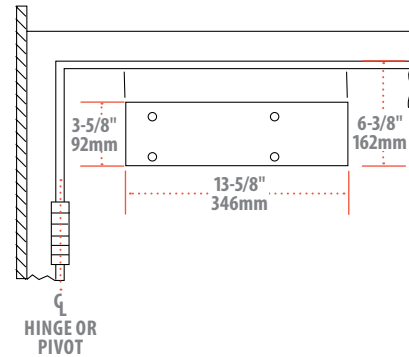
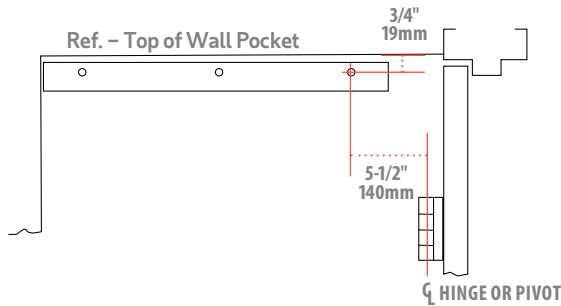
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

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

# INSTITUTIONAL DOOR CLOSER

D-DCN-75/77

## POCKET DOOR 7706STP

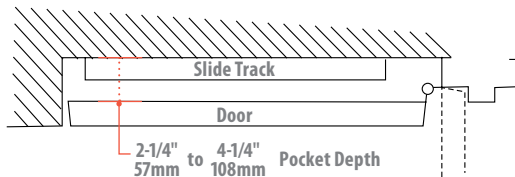


### IMPORTANT

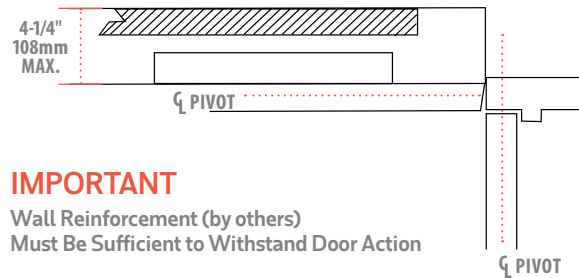
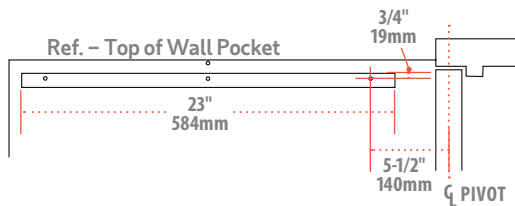
Wall Reinforcement (by others)  
Must Be Sufficient to Withstand Door Action

## 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)

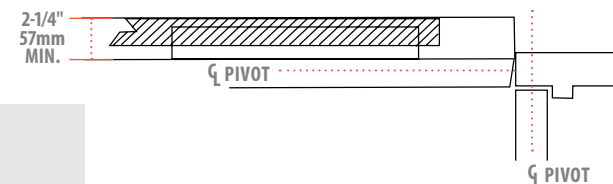
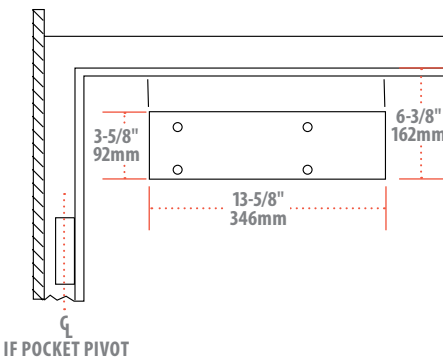


CLOSER SIZING CHART (CM)	
MAXIMUM DOOR WIDTH	CLOSER
42" (107)	7706STP
48" (122)	7706EP-STP



### IMPORTANT

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



IF POCKET PIVOT  
See chart (above) for closer sizing.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

NOTE: Contact factory if door weight exceeds 250 lbs.

ARCHITECTURAL  
DOOR CLOSER

D-DCN-83/85

## FASTENERS

TYPE	DESCRIPTION	ARM					
		PA	LOW PROFILE	PR	CLP / CPS	UNI	SLIDE TRACK
DOOR							
SDST	Self Drilling Self Tapping	S	S	S	S	S	0
MS	Machine Screw	N/A	N/A	S	S	S	S
SN	Sleeve Nut/Sex Nut	0	0	S	S	S	S
Torx®	Torx Drive Security Screw	0	0	0	0	0	0
FRAME							
SDST	Self Drilling Self Tapping	S	S	S	S	S	S
MS	Machine Screw	S	S	S	S	S	S
Torx	Torx Drive Security Screw	0	0	0	0	0	0

*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)*

ARCHITECTURAL  
DOOR CLOSER

D-DCN-83/85

## SPRAYED FINISHES

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

\*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

BHMA	DESCRIPTION	METAL COVER
605E	Bright Brass	Yes
606E	Satin Brass	Yes
611E	Bright Bronze	Yes
612E	Satin Bronze	Yes
613E	Dark Oxidized Satin Bronze - Equivalent	Yes
625E	Bright Chrome	Yes
626E	Satin Chrome	Yes

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

8300/8301 - available with plated arm only.



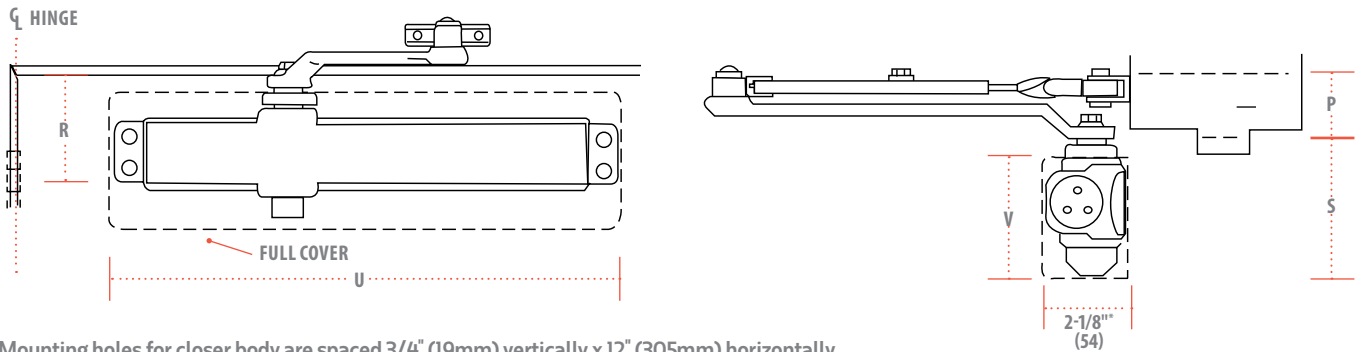
ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# 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.

CLOSER SERIES	COVERS	P MINIMUM CEILING CLEARANCE			R MINIMUM TOP RAIL				S MINIMUM TOP RAIL CLEARANCE		U CLOSER LENGTH	V CLOSER HEIGHT
		NHO	LOW PROFILE	HO	W/O DROP PLATE		W/8146 DROP PLATE*		NHO	LOW PROFILE		
					NHO	LOW PROFILE	NHO	LOW PROFILE				
8301	Slim Line Plastic											
8501	Full Plastic	1-1/2" (38)	1" (25)	1-5/8" (41)	2-1/2" (64)	2-3/8" (60)	1-5/8" (41)	1-1/2" (38)	3-1/2" (89)	3-3/8" (86)	13" (330)	2-7/8" (73)
8501M	Metal								4-1/4" (108)	4-1/8" (105)	13-5/8" (346)	3-3/4" (95)

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

DOOR WIDTH INCHES (CM)		MODEL NUMBER			
		SIZED CLOSERS		MULTI-SIZED CLOSER	
INTERIOR	EXTERIOR	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN
30" (76)	—	8302	8502	8302H	8502H
36" (91)	30" (76)	8303	8503	8303H	8503H
48" (122)	36" (91)	8304	8504	8304H	8504H
—	48" (122)	8305	8505	8305H	8505H
Unusual		8306	8506	8306H	8506H

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).



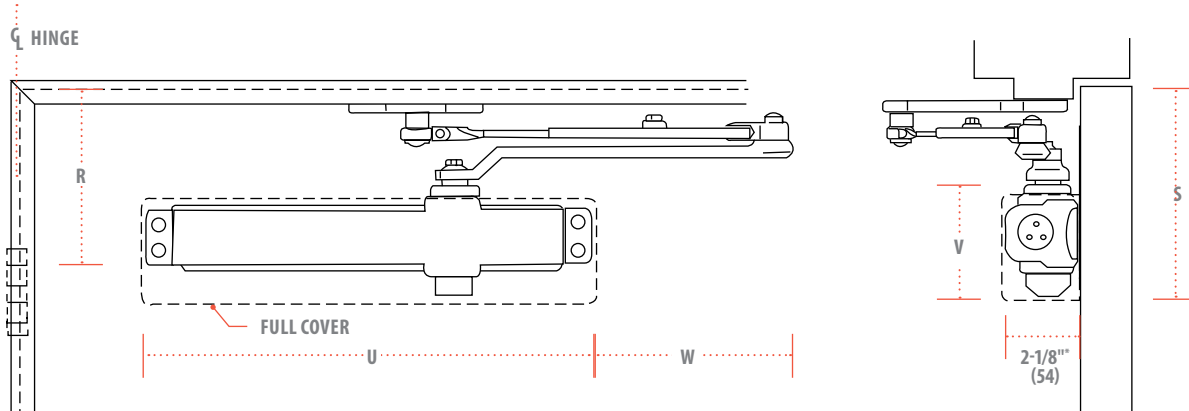
FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

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.

CLOSER SERIES	COVERS	R MINIMUM TOP RAIL MINIMUM TOP RAIL 5/8" (16MM) FRAME STOP						S MINIMUM TOP RAIL CLEARANCE			U CLOSER LENGTH	V CLOSER HEIGHT	W ARM EXTENSION
		W/O DROP PLATE			WITH 8148, 8158, 8548, 8548A DROP PLATE*			NHO	LOW PROFILE	HO			
		NHO	LOW PROFILE	HO	NHO	LOW PROFILE	HO						
8300	Slim Line Plastic	5-1/4" (133)	4-5/8" (117)	5-1/4" (133)	3" (76)	2-3/8" (60)	3" (76)	6-1/4" (159)	5-5/8" (143)	6-1/4" (159)	13" (330)	2-7/8" (73)	8" (203)
8500	Full Plastic												
8500M	Metal	6-7/8" (175)	6-1/4" (159)	6-7/8" (175)	13-5/8" (346)	3-3/4" (95)	7-5/8" (194)						

\* 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)		MODEL NUMBER					
		SIZED CLOSERS				MULTI-SIZED CLOSER	
INTERIOR	EXTERIOR	NON-HOLD OPEN		HOLD OPEN		NON-HOLD OPEN	HOLD OPEN
30" (76)	—	P8302	P8502	P8302H	P8502H	8301 8501	8301H 8501H
36" (91)	30" (76)	P8303	P8503	P8303H	P8503H		
42" (107)	36" (91)	P8304	P8504	P8304H	P8504H		
48" (122)	42" (107)	P8305	P8505	P8305H	P8505H		
—	48" (122)	P8306	P8506	P8306H	P8506H		

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

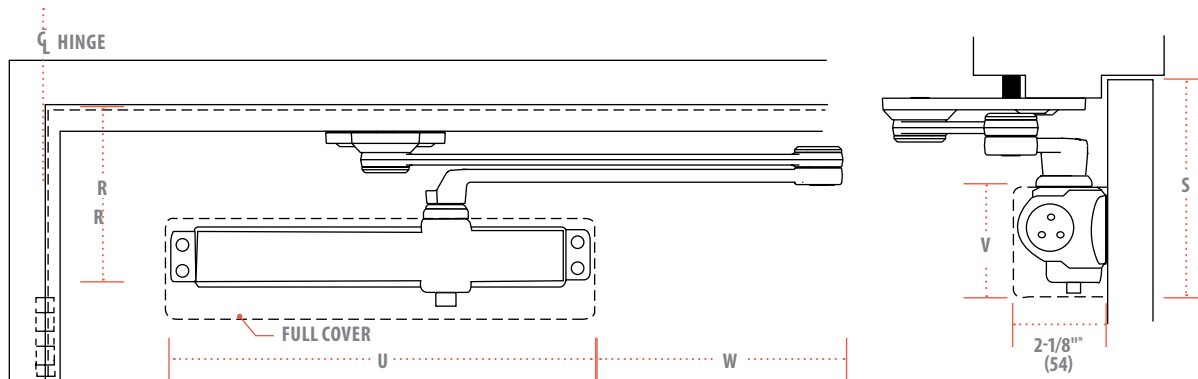


FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

# 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.

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

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

DOOR WIDTH INCHES (CM)		MODEL NUMBER					
		SIZED CLOSERS				MULTI-SIZED CLOSER	
INTERIOR	EXTERIOR	NON-HOLD OPEN		HOLD OPEN		NON-HOLD OPEN	HOLD OPEN
28" (71) – 32" (81)	—	PR8302	PR8502	PR8302H	PR8502H	PR8301 PR8501	PR8301H PR8501H
33" (84) – 36" (91)	28" (71) – 32" (81)	PR8303	PR8503	PR8303H	PR8503H		
37" (94) – 41" (104)	33" (84) – 36" (91)	PR8304	PR8504	PR8304H	PR8504H		
42" (107) – 48" (122)	37" (94) – 41" (104)	PR8305	PR8505	PR8305H	PR8505H		
—	42" (107) – 48" (122)	PR8306	PR8506	PR8306H	PR8506H		

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.

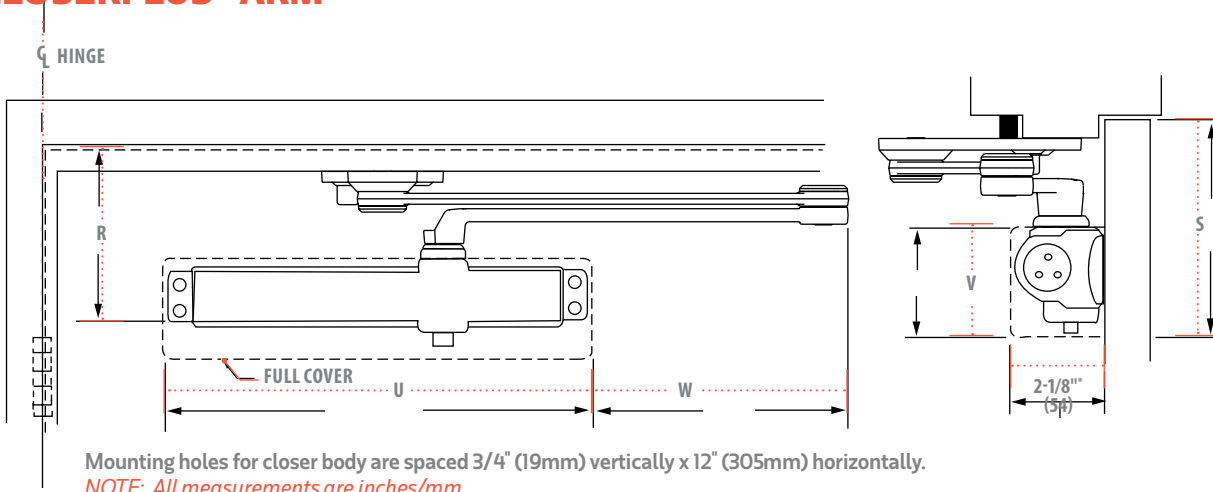


FOR INFORMATION CALL 800.872.3267  
 OR VISIT RITEDOOR.COM

# ARCHITECTURAL DOOR CLOSER

D-DCN-83/85

## CLOSERPLUS® ARM



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

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

DOOR WIDTH INCHES (CM)		MODEL NUMBER	
		NON-HOLD OPEN	MULTI-SIZED CLOSER
INTERIOR	EXTERIOR	NON-HOLD OPEN	NON-HOLD OPEN
28" (71) – 32" (81)	—	CLP8302   CLP8502	CLP8301   CLP8501
33" (84) – 36" (91)	28" (71) – 32" (81)	CLP8303   CLP8503	
37" (94) – 41" (104)	33" (84) – 36" (91)	CLP8304   CLP8504	
42" (107) – 48" (122)	37" (94) – 41" (104)	CLP8305   CLP8505	
—	42" (107) – 48" (122)	CLP8306   CLP8506	

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.



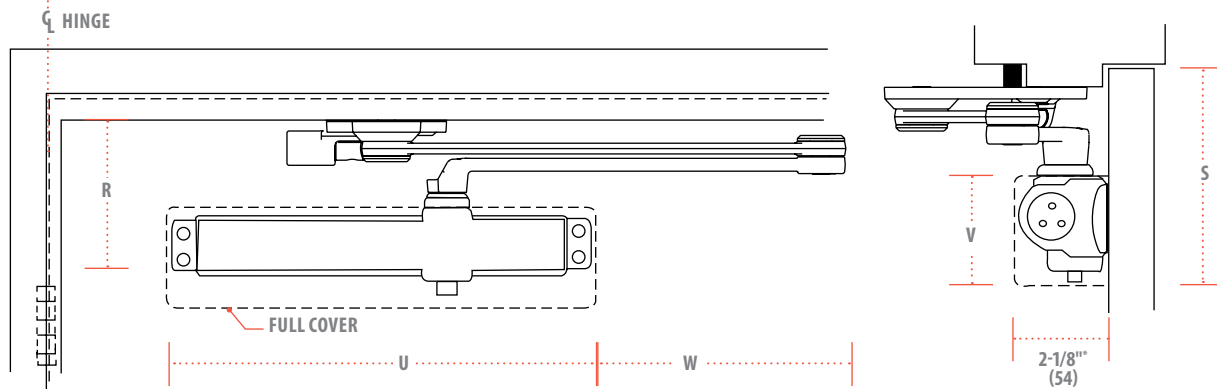
FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM



# ARCHITECTURAL DOOR CLOSER

D-DCN-83/85

## CLOSERPLUS® SPRING ARM



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

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

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

DOOR WIDTH INCHES (CM)		MODEL NUMBER		
		SIZED CLOSERS	MULTI-SIZED CLOSER	
INTERIOR	EXTERIOR	STOP ONLY		
28" (71) – 32" (81)	—	CPS8302	CPS8502	
33" (84) – 36" (91)	28" (71) – 32" (81)	CPS8303	CPS8503	
37" (94) – 41" (104)	33" (84) – 36" (91)	CPS8304	CPS8504	
42" (107) – 48" (122)	37" (94) – 41" (104)	CPS8305	CPS8505	
—	42" (107) – 48" (122)	CPS8306	CPS8506	
				CPS8301 CPS8501

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.

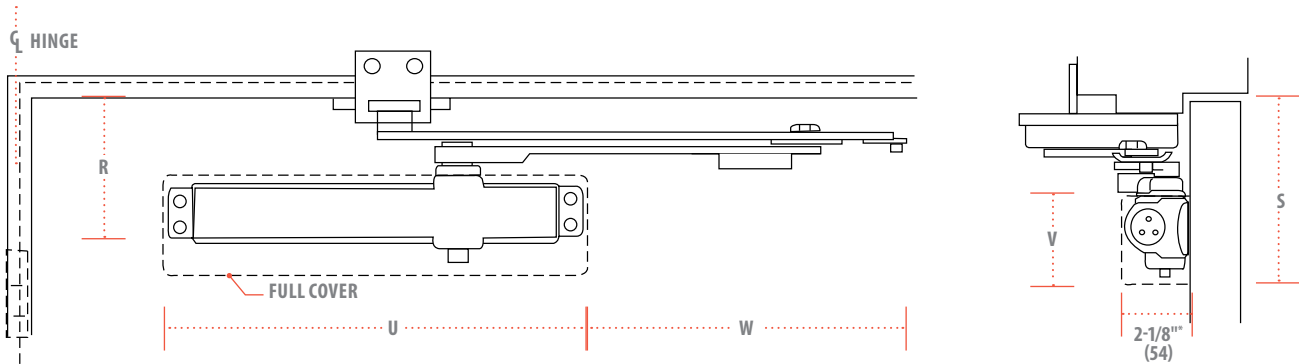


FOR INFORMATION CALL 800.872.3267  
 OR VISIT RITEDOOR.COM

# ARCHITECTURAL DOOR CLOSER

D-DCN-83/85

## PARALLEL UNITROL® ARM



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

CLOSER SERIES	DOOR WIDTH	COVERS	R MINIMUM TOP RAIL		S MINIMUM	U CLOSER LENGTH	V CLOSER HEIGHT	W ARM EXTENSION
			W/O DROP PLATE	WITH DROP PLATE*				
8300	28-32	Slim Line	4-3/4" (121)	2-1/2" (64)	5-3/4" (146)	13" (330)	2-7/8" (73)	8-3/8" (213)
	33-41							9-7/8" (251)
	42-48							11-1/4" (286)
8500	33-41**	Full Plastic	4-3/4" (121)	2-1/2" (64)	5-3/4" (146)	13" (330)	2-7/8" (73)	9-7/8" (251)
8500M		Metal						6-3/8" (162)

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

\* 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)		MODEL NUMBER				
INTERIOR	EXTERIOR	STOP ONLY		HOLD OPEN		x Specify Door Width
		UNI8302	UNI8502	UNI8302H	UNI8502H	
28" (71) – 32" (81)	—	UNI8302	UNI8502	UNI8302H	UNI8502H	x Specify Door Width
33" (84) – 36" (91)	28" (71) – 32" (81)	UNI8303	UNI8503	UNI8303H	UNI8503H	
37" (94) – 41" (104)	33" (84) – 36" (91)	UNI8304	UNI8504	UNI8304H	UNI8504H	
42" (107) – 48" (122)	37" (94) – 41" (104)	UNI8305	UNI8505	UNI8305H	UNI8505H	
—	42" (107) – 48" (122)	UNI8306	UNI8506	UNI8306H	UNI8506H	

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

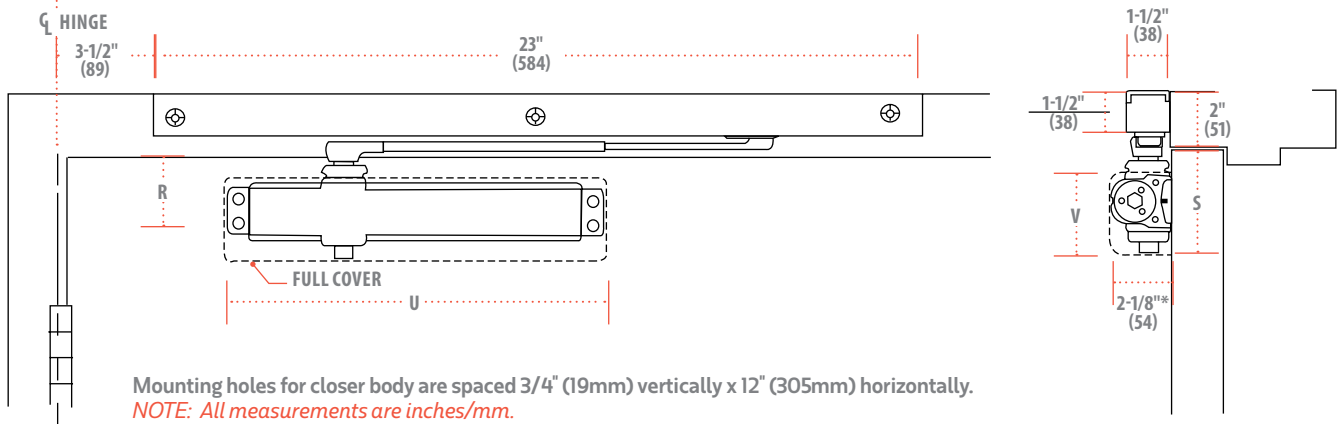


FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

# ARCHITECTURAL DOOR CLOSER

D-DCN-83/85

## PULL SIDE SLIDE TRACK



CLOSER SERIES	R MINIMUM TOP RAIL		S MINIMUM TOP RAIL CLEARANCE				U CLOSER LENGTH				V CLOSER HEIGHT			
	W/O DROP PLATE	WITH 8146 DROP PLATE	SLIM OR FULL COVER	METAL COVER	ARCH PLAS-TIC	ARCH METAL	SLIM OR FULL COVER	METAL COVER	ARCH PLAS-TIC	ARCH METAL	SLIM OR FULL COVER	METAL COVER	ARCH PLAS-TIC	ARCH METAL
8300ST	2-1/2"	1-5/8"	3-1/2"	4-1/8"	3-5/8"	3-1/2"	13"	13-5/8"	14"	2-7/8"	3-3/4"	3-1/8"	3"	
8500ST	(64)	(41)	(89)	(105)	(92)	(89)	(330)	(346)	(356)	(73)	(95)	(79)	(76)	

MAXIMUM DOOR WIDTH (WOOD OR METAL) INCHES (CM)		MODEL NUMBER											
		SLIM LINE COVER						FULL COVER					
		SIZED CLOSER			MULTI-SIZED CLOSER			SIZED CLOSER			MULTI-SIZED CLOSER		
		NON-HOLD OPEN	HOLD OPEN		NON-HOLD OPEN	HOLD OPEN		NON-HOLD OPEN	HOLD OPEN		NON-HOLD OPEN	HOLD OPEN	
Interior	Exterior	85°-110° ◇	85°-180° <sup>^</sup>	85°-110° ^	85°-110°	85°-180°	85°-110°	85°-110°	85°-180° <sup>^</sup>	85°-110° ^	85°-110°	85°-180°	85°-110°
32" (81)	—	8304ST	8304ST-180	8304STH				8304ST	8304ST-180	8304STH			
38" (97)	32" (81)	8305ST	8305ST-180	8305STH	8301ST	8301ST-180	8301STH	8305ST	8305ST-180	8305STH	8301ST	8301ST-180	8301STH
48" (122)	38" (97)	8306ST	8306ST-180	8306STH				8306ST	8306ST-180	8306STH			

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.

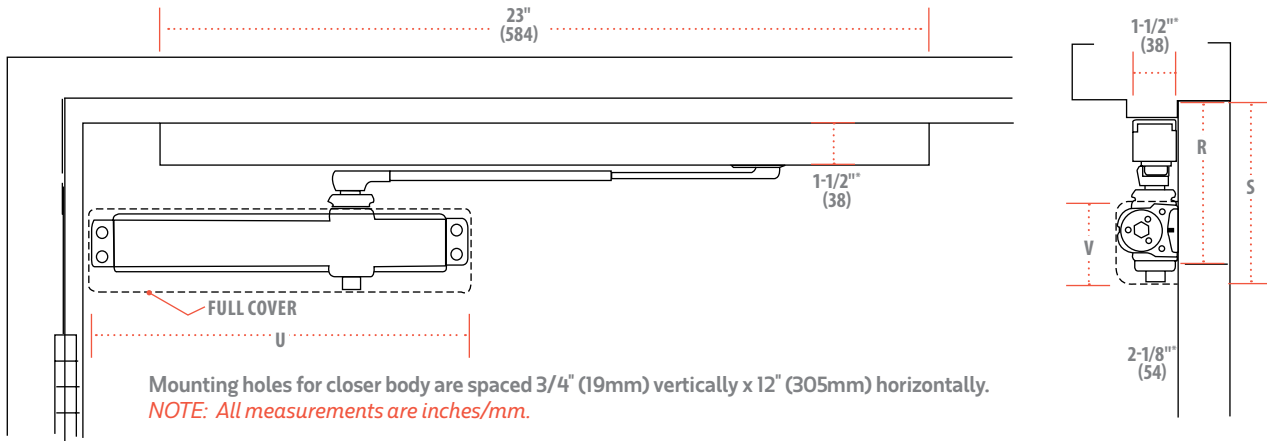


FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

# ARCHITECTURAL DOOR CLOSER

D-DCN-83/85

## PUSH SIDE SLIDE TRACK



CLOSER SERIES	R MINIMUM TOP RAIL		S MINIMUM TOP RAIL CLEARANCE				U CLOSER LENGTH				V CLOSER HEIGHT			
	W/O DROP PLATE	WITH 8146, 8158, 8548, 8548A DROP PLATE	SLIM OR FULL COVER	METAL COVER	ARCH PLAS-TIC	ARCH METAL	SLIM OR FULL COVER	METAL COVER	ARCH PLAS-TIC	ARCH METAL	SLIM OR FULL COVER	METAL COVER	ARCH PLAS-TIC	ARCH METAL
PS8300ST	5"	2-3/4"	6"	6-5/8"	6-1/8"	6"	13"	13-5/8"	14"	2-7/8"	3-3/4"	3-1/8"	3"	
PS8500ST	(127)	(70)	(152)	(168)	(156)	(152)	(330)	(346)	(356)	(73)	(95)	(79)	(76)	

MAXIMUM DOOR WIDTH (WOOD OR METAL) INCHES (CM)		MULTI-SIZED CLOSER				SIZED CLOSER			
		SLIM LINE COVER		FULL COVER		SLIM LINE COVER		FULL COVER	
		NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN
INTERIOR	EXTERIOR	85°-100°							
32" (81)	—	PS8304ST	PS8304STH	PS8304ST	PS8304STH	PS8301ST	PS8301STH	PS8301ST	PS8301STH
38" (97)	32" (81)	PS8305ST	PS8305STH	PS8305ST	PS8305STH				
48" (122)	38" (97)	PS8306ST	PS8306STH	PS8306ST	PS8306STH				

All track assemblies are supplied with a spring buffered stop\*\*

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.



ASSA ABLOY

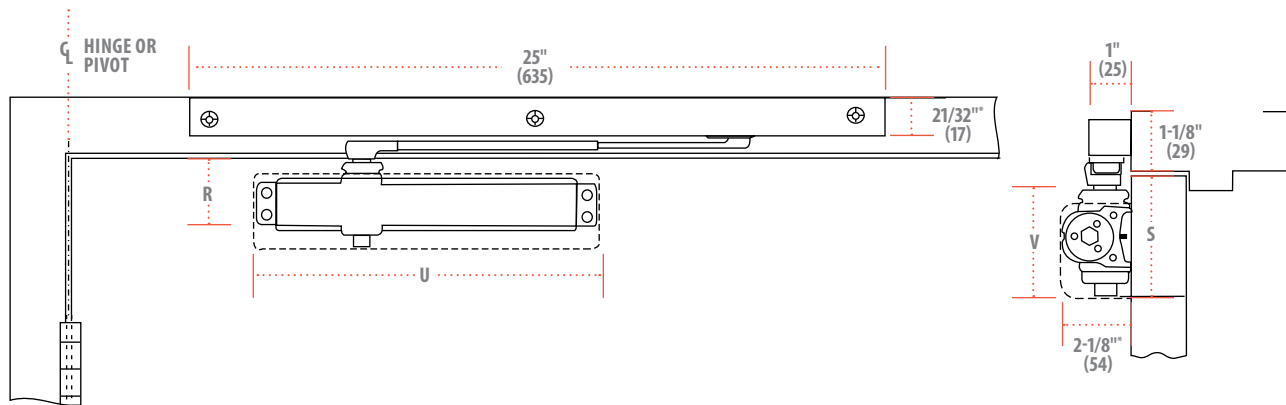
FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

NOTE: Contact factory if door weight exceeds 250 lbs.

# 8000 SERIES

## ARCHITECTURAL DOOR CLOSER

### LOW PROFILE PULL SLIDE TRACK



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

CLOSER SERIES	R MINIMUM TOP RAIL		S MINIMUM TOP RAIL CLEARANCE				U CLOSER LENGTH				V CLOSER HEIGHT			
	W/O DROP PLATE	WITH 8146 DROP PLATE	SLIM OR FULL COVER	METAL COVER	ARCH PLAS-TIC	ARCH METAL	SLIM OR FULL COVER	METAL COVER	ARCH PLAS-TIC	ARCH METAL	SLIM OR FULL COVER	METAL COVER	ARCH PLASTIC	ARCH METAL
8300ST	2-1/2"	5/8"	3"	4-5/8"	3-1/8"	3"	13"	13-5/8"	14"	3"	3-7/8"	3-1/4"	3-1/8"	
8500ST	(64)	(16)	(76)	(117)	(79)	(76)	(330)	(346)	(356)	(76)	(98)	(83)	(79)	

MAXIMUM DOOR WIDTH (WOOD OR METAL) INCHES (CM)	MODEL NUMBER			
	SIZED CLOSER		MULTI-SIZED CLOSER	
	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN
INTERIOR				
32" (81)	8344ST, 8544ST	8344STH, 8544STH	8341ST 8541ST	8341STH 8541STH
38" (97)	8345ST, 8545ST	8345STH, 8545STH		
48" (122)	8346ST, 8546ST	8346STH, 8546STH		

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).



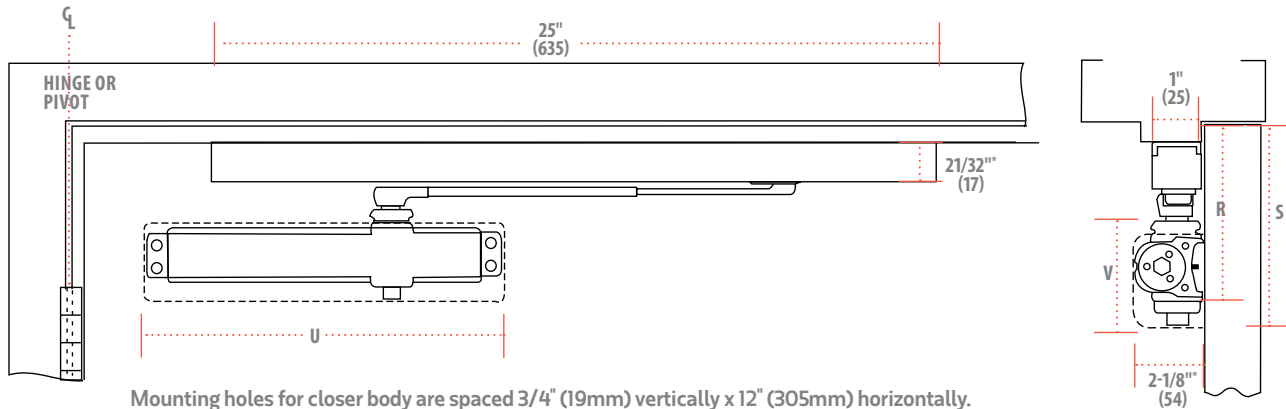
FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

NOTE: Contact factory if door weight exceeds 250 lbs.

# 8000 SERIES

## ARCHITECTURAL DOOR CLOSER

### 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.

CLOSER SERIES	R MINIMUM TOP RAIL		S MINIMUM TOP RAIL CLEARANCE				U CLOSER LENGTH				V CLOSER HEIGHT			
	W/O DROP PLATE	WITH 8146, 8158, 8548, 8548A DROP PLATE	SLIM OR FULL COVER	METAL COVER	ARCH PLASTIC	ARCH METAL	SLIM OR FULL COVER	METAL COVER	ARCH PLASTIC	ARCH METAL	SLIM OR FULL COVER	METAL COVER	ARCH PLASTIC	ARCH METAL
PS8300ST	4"	1-3/4"	5"	5-5/8"	5-1/8"	5"	13"	13-5/8"	14"	3"	3-7/8"	3-1/4"	3-1/8"	
PS8500ST	(102)	(44)	(127)	(143)	(130)	(127)	(330)	(346)	(356)	(76)	(98)	(83)	(79)	

MAXIMUM DOOR WIDTH INCHES (CM)	MODEL NUMBER			
	SIZED CLOSER		MULTI-SIZED CLOSER	
	NON-HOLD OPEN	HOLD OPEN	NON-HOLD OPEN	HOLD OPEN
INTERIOR				
32" (81)	PS8344ST, PS8544ST	PS8344STH, PS8544STH	PS8341ST PS8541ST	PS8341STH PS8541STH
38" (97)	PS8345ST, PS8545ST	PS8345STH, PS8545STH		
48" (122)	PS8346ST, PS8546ST	PS8346STH, PS8546STH		

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

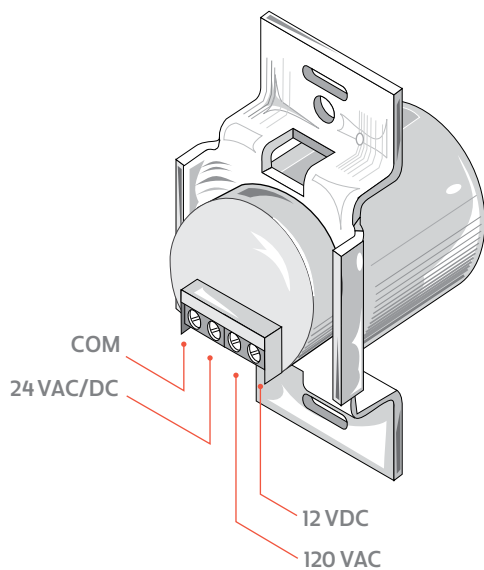
NOTE: Contact factory if door weight exceeds 250 lbs.

MAGNETIC  
HOLDERSGENERAL  
INFORMATION

## 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)

# MAGNETIC HOLDERS

## INSTALLATION

### INSTALLATION

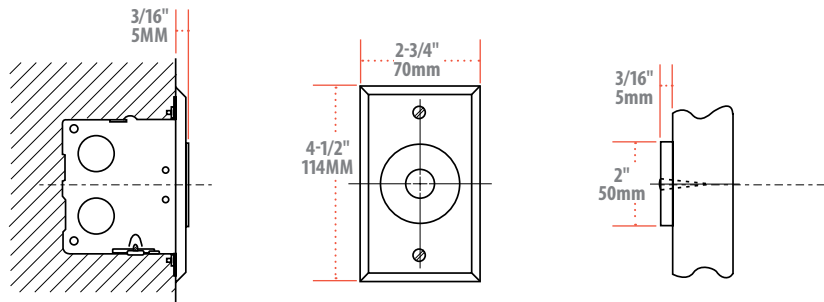
- Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.
- Be sure door hardware and trim projections are compatible with total projection of door release.
- Anchor the electromagnet firmly since the wall portion 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

D-MDH-102

## 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

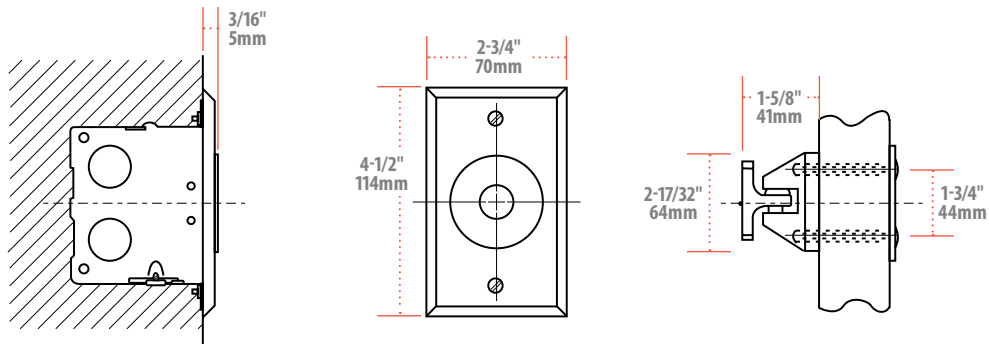
### INSTALLATION

- 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

D-MDH-113

## 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)



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# MAGNETIC HOLDERS

## INSTALLATION

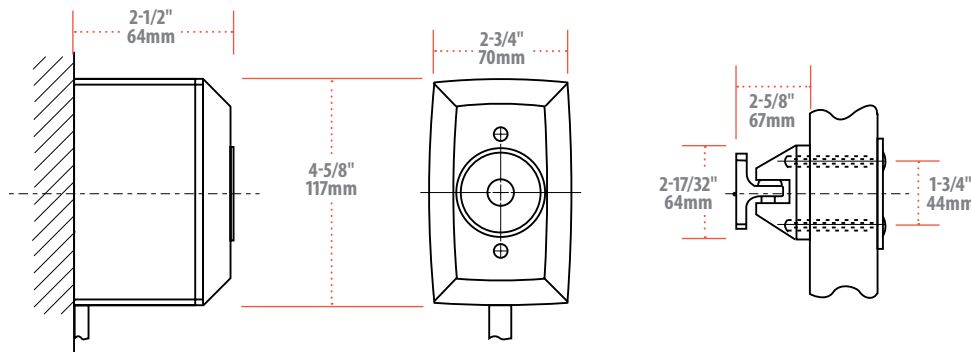
### INSTALLATION

- 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

D-MDH-510

## 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)



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# MAGNETIC HOLDERS

## INSTALLATION

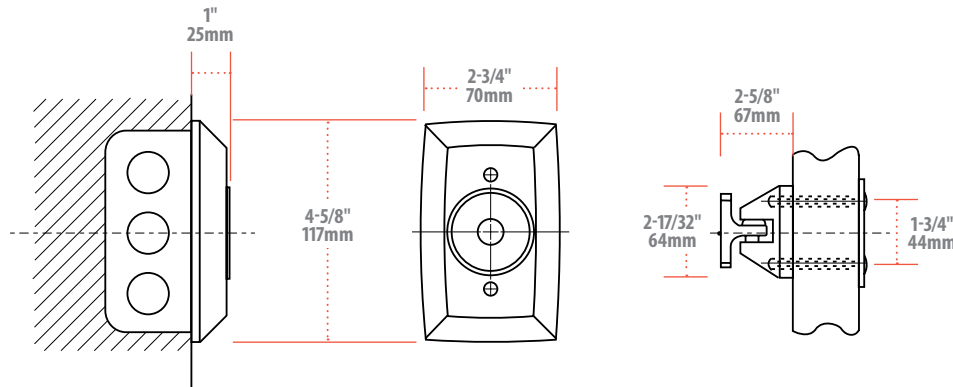
### INSTALLATION

- 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

D-MDH-210

## 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)



Adams Rite

ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# MAGNETIC HOLDERS

## INSTALLATION

### INSTALLATION

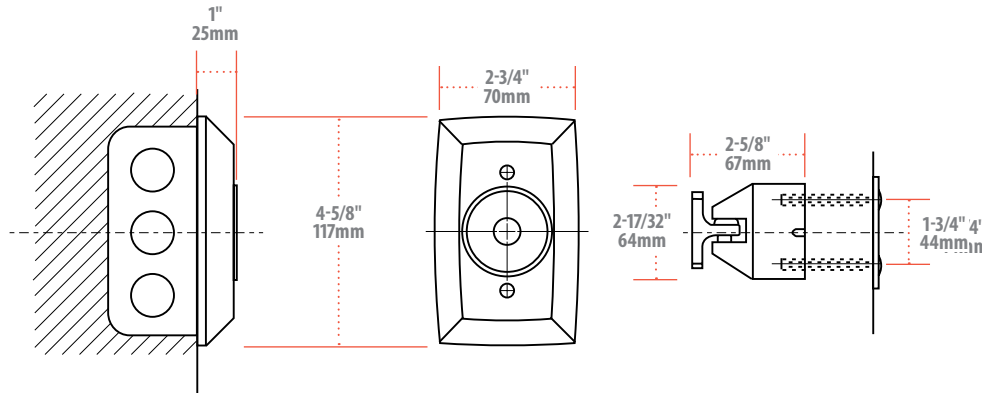
- Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.
- Be sure door hardware and trim projections are compatible with total projection of door release.
- Anchor the electromagnet firmly since the wall portion 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

D-MDH-310

## 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)



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# MAGNETIC HOLDERS

## INSTALLATION

### 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.

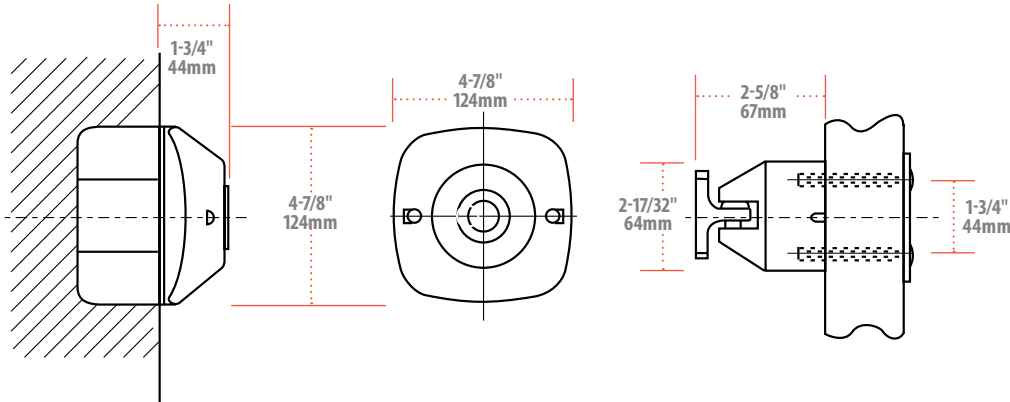


FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# MAGNETIC HOLDERS

D-MDH-410

## 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)

# MAGNETIC HOLDERS

## INSTALLATION

### INSTALLATION

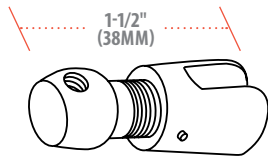
- Install where required by code, where doors may be used to confine smoke or fire, or wherever remote control or automatic closing doors are required.
- Be sure door hardware and trim projections are compatible with total projection of door release.
- Anchor the electromagnet firmly since the wall portion 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

## ACCESSORIES

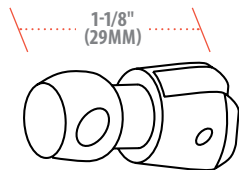
### PART# 900

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)



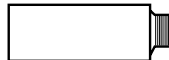
### 900-700



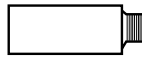
### 900-600



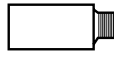
### 900-500



### 900-400



### 900-300



### 900-200



### 900-100



### 900-75



### 900-50



### DIMENSIONS

**EXTENSION PIECES MUST BE USED IN CONJUNCTION WITH 900 BASE UNIT**

Part# 900-700 = 7"

Part #900-600 = 6"

Part# 900-500 = 5"

Part# 900-400 = 4"

Part# 900-300 = 3"

Part# 900-200 = 2"

Part# 900-100 = 1"

Part# 900-75 = 3/4"

Part# 900-50 = 1/2"

Spacer lengths – must be used with 900 base

MAGNETIC  
HOLDERS

## CROSS REFERENCE

## PERFORMANCE DATA

MODEL	VOLTS	mAmps	VA
D-MDH-310, D-MDH-410	12DC	60	0.72
D-MDK-113	24AC	30	0.72
D-MDH-102	24DC	30	0.72
	120AC	30	3.6

## CROSS REFERENCE

FUNCTION	ADAMS RITE	DORMA	RIXSON	NORTON	YALE	SARGENT	CORBIN RUSSWIN	LCN
Recessed Wall Mounted 2-5/8" Total Proj	D-MDH-210	EM-F24120	FM-997	6934	5934	1560	MA 203 ME 242	SEM 7840
Recessed Wall Mounted 3-5/8" Total Proj	D-MDH-310 w/1" extension	EM-F24120	FM-998	6933	5933	1560	MA 204 MA 244	SEM 7850
Surface Wall Mounted 4-5/8" Total Proj	D-MDH-410	EM-S24120	FM-996 FM-999	6935	5935	---	---	SEM 7830
Flush Wall Mounted 1-7/8" Total Proj	D-MDH-113	EM-R24120	FM-990	6936	5936	1561	---	---
1-18" Total Proj	D-MDH-102	---	FM-989	---	---	---	---	---

## SPRAYED FINISHES

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

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

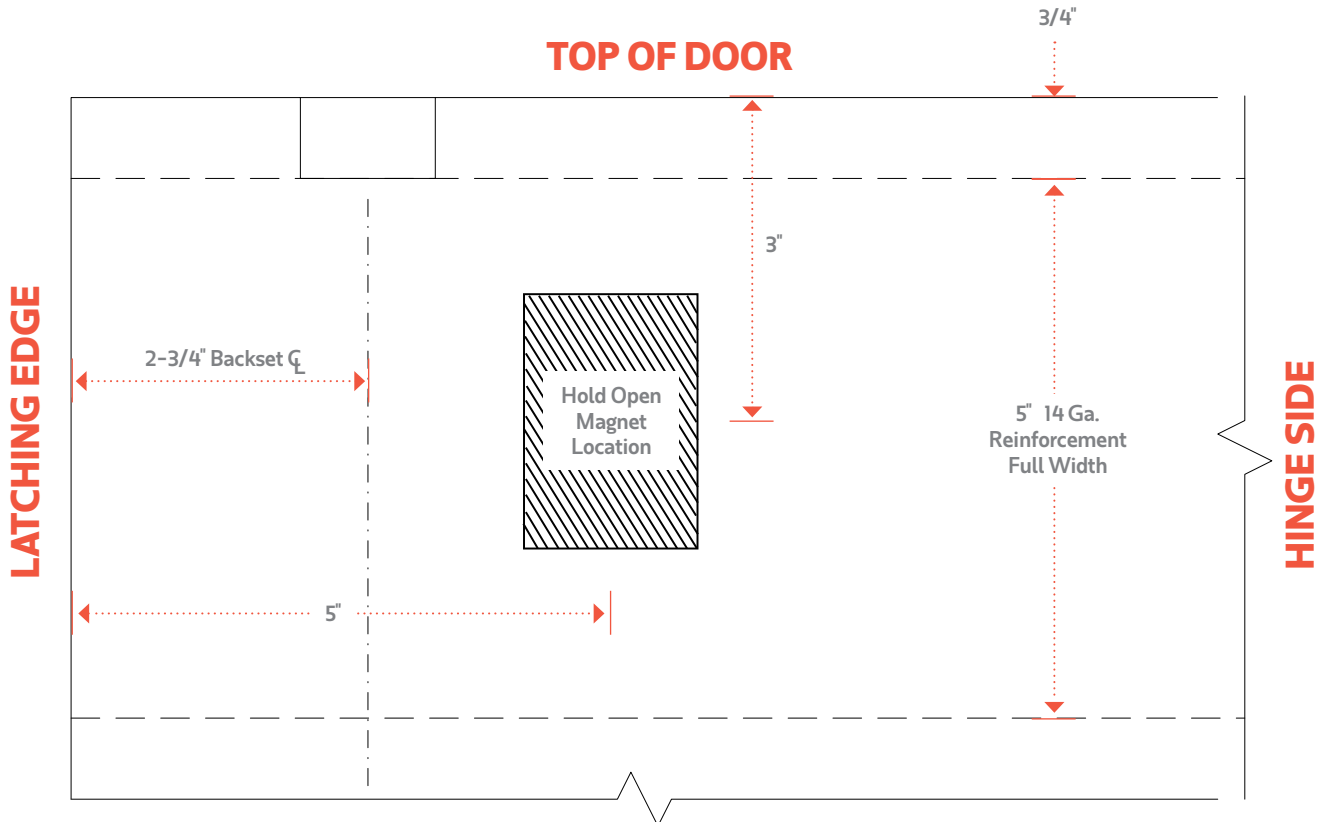


ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# MAGNETIC HOLDERS

## HOLD OPEN MAGNET LOCATION



# HOW TO ORDER

## MAGNETIC HOLDERS

HARDWARE MODEL	DESCRIPTION	AVAILABILITY	
		WOOD	METAL
D-MDH	• Surface Applied Magnetic Holder	• 90	• 180

MODEL FUNCTION	DESCRIPTION
102	• 7/16" Projection
113	• 1 - 13/16" Projection
210	• 2 - 5/8" Projection
310	• 3 - 5/8" Projection
410	• 4 - 3/8" Projection
510	• 4 - 1/8" Projection
610	• 4" Projection

MODEL FUNCTION	DESCRIPTION
1	• 1/2" Extension
2	• 3/4" Extension
3	• 1" Extension
4*	• Armature Extension
	• *Will be automatically when #1, #2 or #3 Extension is specified

COLOR	DESCRIPTION
689	• Sprayed Aluminum Enamel - Standard color supplied unless otherwise specified.
690	• Sprayed Dark Bronze
691	• Sprayed Light Bronze
693	• Sprayed Black
696	• Sprayed Brass



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# HOW TO ORDER

## MAGNETIC HOLDERS

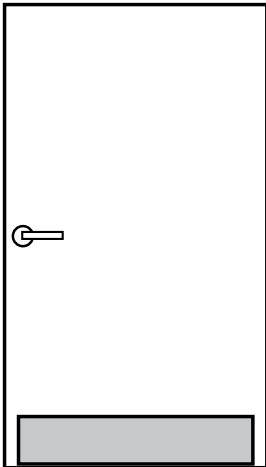
HOW TO ORDER	MAG HOLDER DETAIL	MODEL	PROJECTION	EXTENSION	COLOR	SHIP LOOSE	
MAG HOLDER	D-MDH	310			689	*	

\* Item will always ship as a loose part

# KICK PLATES

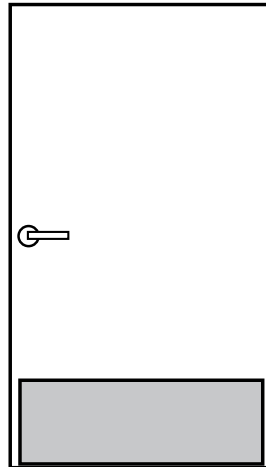
## GENERAL INFORMATION

### KICK PLATES



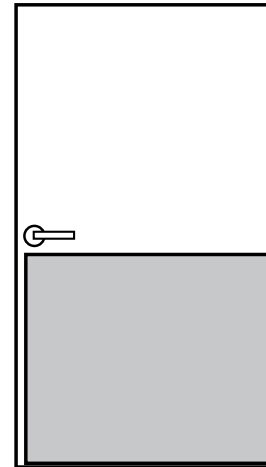
#### Mop Plate

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



### 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.*

## KICK PLATES

D-KP

**D-KP METAL KICK PLATE  
STANDARD DUTY**

Metal Door Plate – Standard Duty No. D-KP-xxx xxxxx-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



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

## KICK PLATES

HARDWARE MODEL	DESCRIPTION	AVAILABILITY	
		WOOD	METAL
D-KP	• Adhesive Applied Kick Plate	• 90	• 180

SIZE									DESCRIPTION
• 0	• 0	• 0	• 4	X	• 0	• 0	• 3	• 6	• 4 High x 36" Wide Kick Plate
• 0	• 0	• 0	• 4	X	• 0	• 0	• 4	• 2	• 4 High x 42" Wide Kick Plate
• 0	• 0	• 0	• 4	X	• 0	• 0	• 4	• 8	• 4 High x 48" Wide Kick Plate
• 0	• 0	• 0	• 8	X	• 0	• 0	• 3	• 6	• 8 High x 36" Wide Kick Plate
• 0	• 0	• 0	• 8	X	• 0	• 0	• 4	• 2	• 8 High x 42" Wide Kick Plate
• 0	• 0	• 0	• 8	X	• 0	• 0	• 4	• 8	• 8 High x 48" Wide Kick Plate
• 0	• 0	• 1	• 0	X	• 0	• 0	• 3	• 6	• 10 High x 36" Wide Kick Plate
• 0	• 0	• 1	• 0	X	• 0	• 0	• 4	• 2	• 10 High x 42" Wide Kick Plate
• 0	• 0	• 1	• 0	X	• 0	• 0	• 4	• 8	• 10 High x 48" Wide Kick Plate
• 0	• 0	• 1	• 2	X	• 0	• 0	• 3	• 6	• 12 High x 36" Wide Kick Plate
• 0	• 0	• 1	• 2	X	• 0	• 0	• 4	• 2	• 12 High x 42" Wide Kick Plate
• 0	• 0	• 1	• 2	X	• 0	• 0	• 4	• 8	• 12 High x 48" Wide Kick Plate
• 0	• 0	• 1	• 6	X	• 0	• 0	• 3	• 6	• 16 High x 36" Wide Kick Plate
• 0	• 0	• 1	• 6	X	• 0	• 0	• 4	• 2	• 16 High x 42" Wide Kick Plate
• 0	• 0	• 1	• 6	X	• 0	• 0	• 4	• 8	• 16 High x 48" Wide Kick Plate
• 0	• 0	• 2	• 4	X	• 0	• 0	• 3	• 6	• 24 High x 36" Wide Kick Plate
• 0	• 0	• 2	• 4	X	• 0	• 0	• 4	• 2	• 24 High x 42" Wide Kick Plate
• 0	• 0	• 2	• 4	X	• 0	• 0	• 4	• 8	• 24 High x 48" Wide Kick Plate
• 0	• 0	• 3	• 5	X	• 0	• 0	• 3	• 6	• 35 High x 36" Wide Kick Plate
• 0	• 0	• 3	• 5	X	• 0	• 0	• 4	• 2	• 35 High x 42" Wide Kick Plate
• 0	• 0	• 3	• 5	X	• 0	• 0	• 4	• 8	• 35 High x 48" Wide Kick Plate
• 0	• 0	• #	• #	X	• 0	• 0	• #	• #	• Special Kick Plate Size - Size needs to be specified by Customer



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HOW TO ORDER

## KICK PLATES

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

*NOTE: - All Kick Plates are Intalled 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*

HOW TO ORDER	KICK PLATE MODEL	SIZE	COLOR	INSTALL	SHIP LOOSE
	D-KP	0024 X 0048	630	*	**

*\* Item will always ship as a loose part*

*\*\* Item is to ship as a loose part*



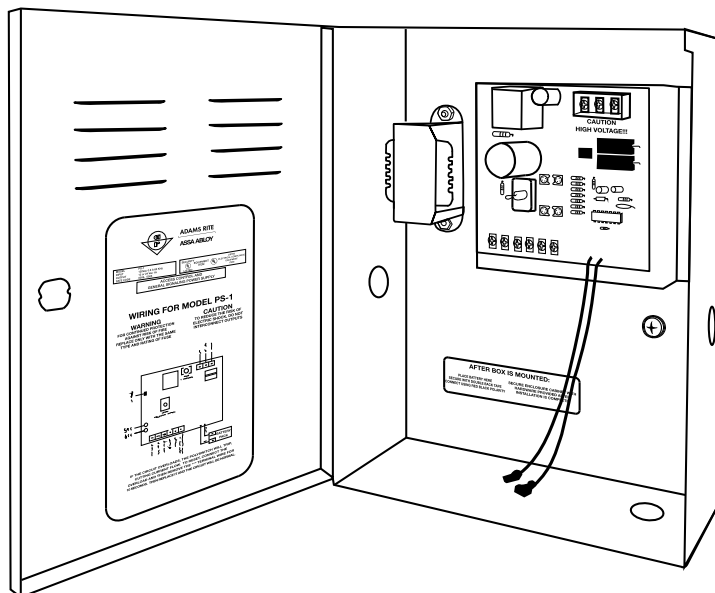
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## POWER SUPPLY

D-PS-1

**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).

Adams  
Rite

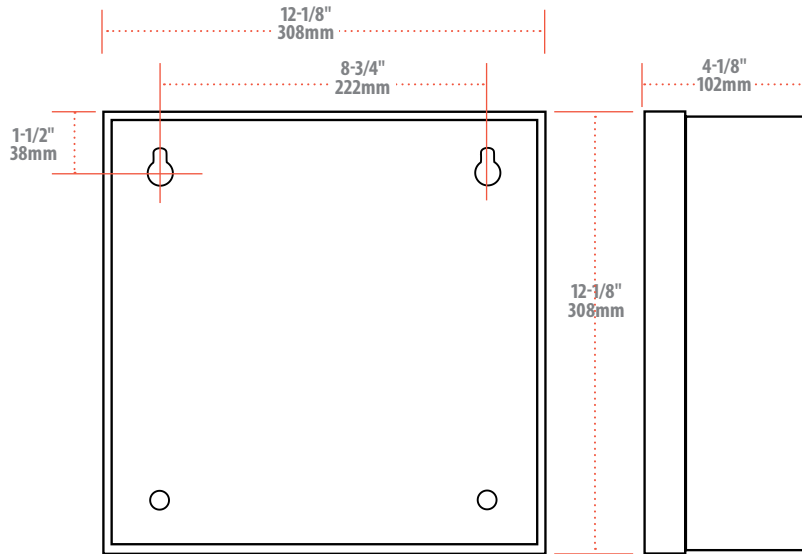
ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

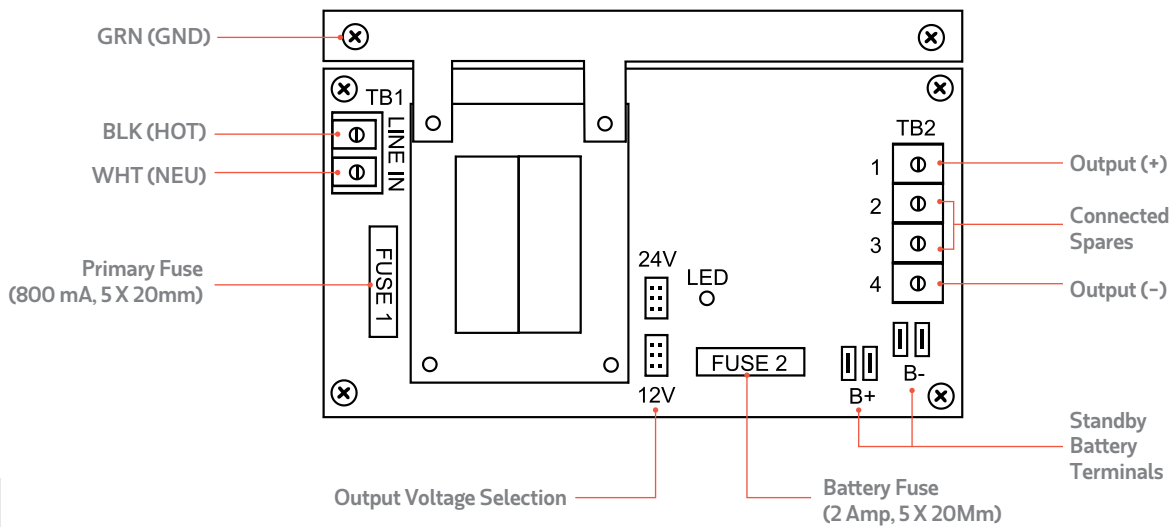
# POWER SUPPLY

D-PS-1

## DIMENSIONS



## LAYOUT & WIRING



## POWER SUPPLY

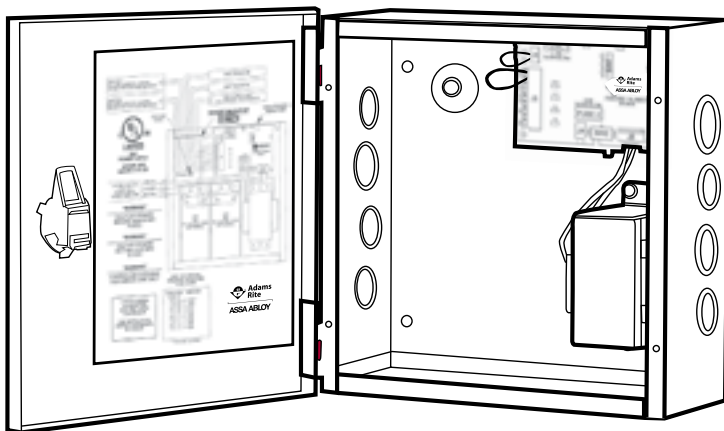
D-PS-SE

## 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

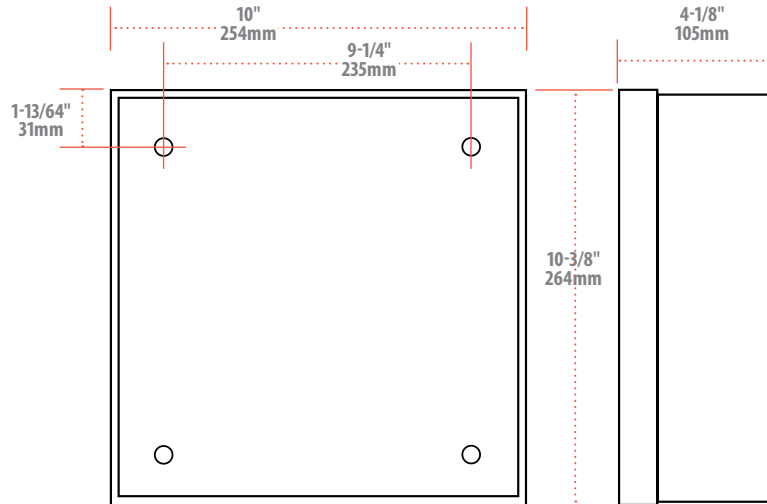
- RITE Door requires that for optimal performance all exit devices with the SE option be paired with PS-SE power supplies. Failure to do so may cause permanent damage to the exit device and will void the Manufacturer's warranty.



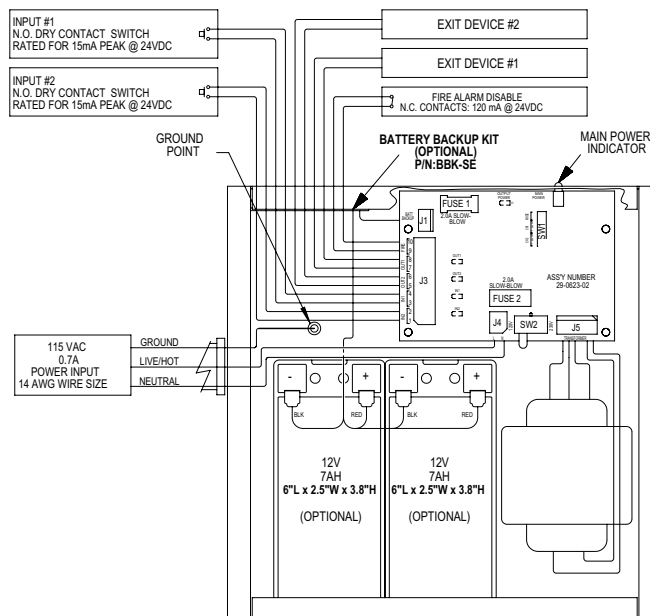
# POWER SUPPLY

D-PS-SE

## DIMENSIONS



## LAYOUT & WIRING



# HOW TO ORDER

## POWER SUPPLY

HARDWARE MODEL	DESCRIPTION	AVAILABILITY
D-PS-1	<ul style="list-style-type: none"> <li>• One amp linear power supply with integrated battery back up circuitry.</li> </ul>	<ul style="list-style-type: none"> <li>• Electric Dogging, Electrified Trim &amp; Electrified Lever x Lever only</li> </ul>
D-PS-SE	<ul style="list-style-type: none"> <li>• Power supply with optional battery back with Silent Electrification mortorized latch retraction</li> </ul>	<ul style="list-style-type: none"> <li>• D3600 &amp; D3900 Exit Devices</li> </ul>



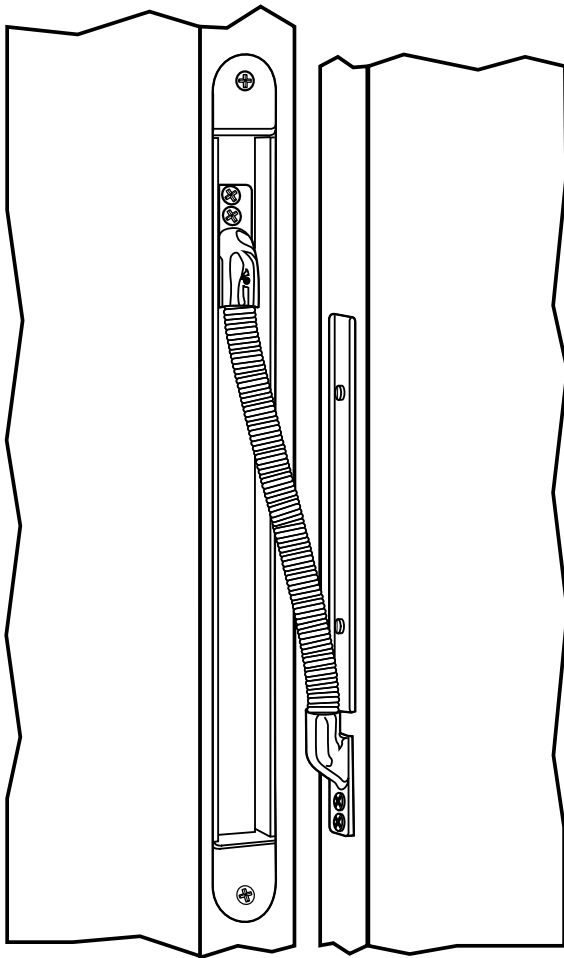
*NOTE: Power Supply is shipped loose. This is not installed in the door*

ELECTRIC POWER  
TRANSFER

D4612

## 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 ( $105^\circ$  swing) version shown is  $11-1/12$ " long.  $180^\circ$  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  $105^\circ$ . A longer version is available for doors that open  $180^\circ$ . 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.

Adams  
Rite

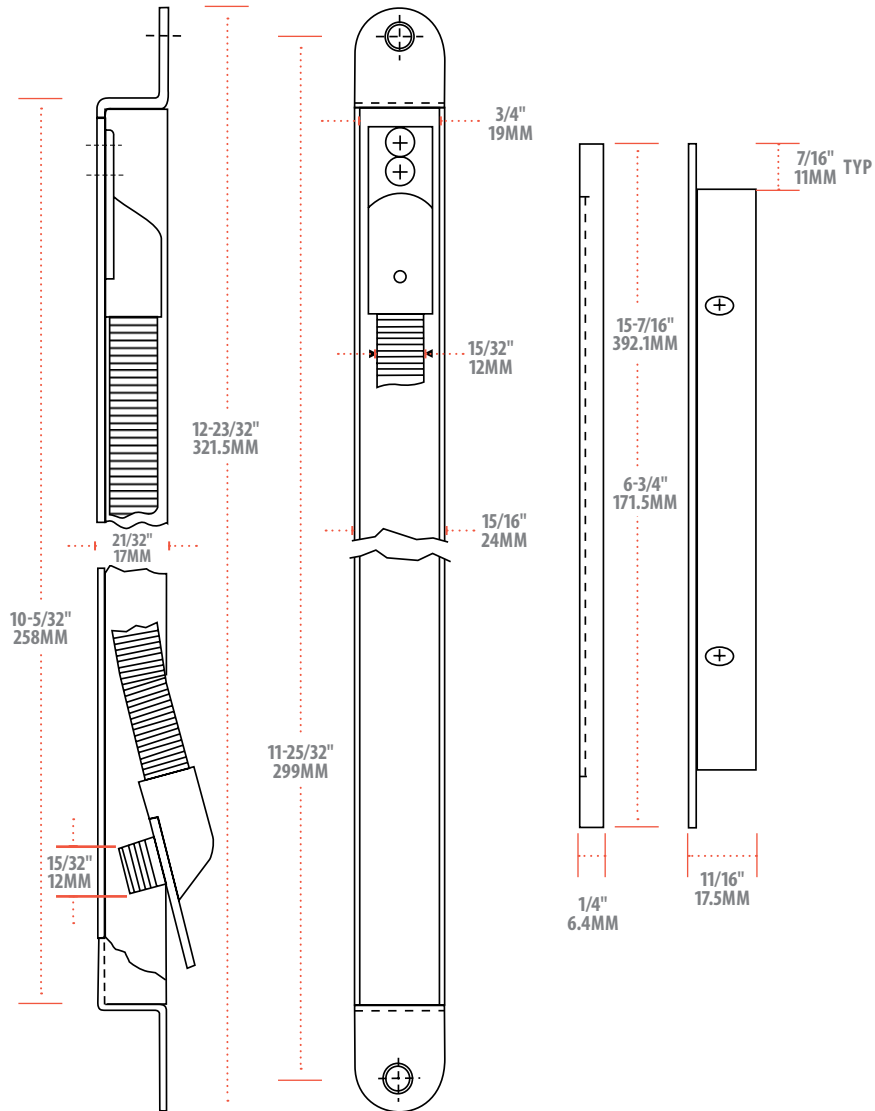
ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# ELECTRIC POWER TRANSFER

D4612

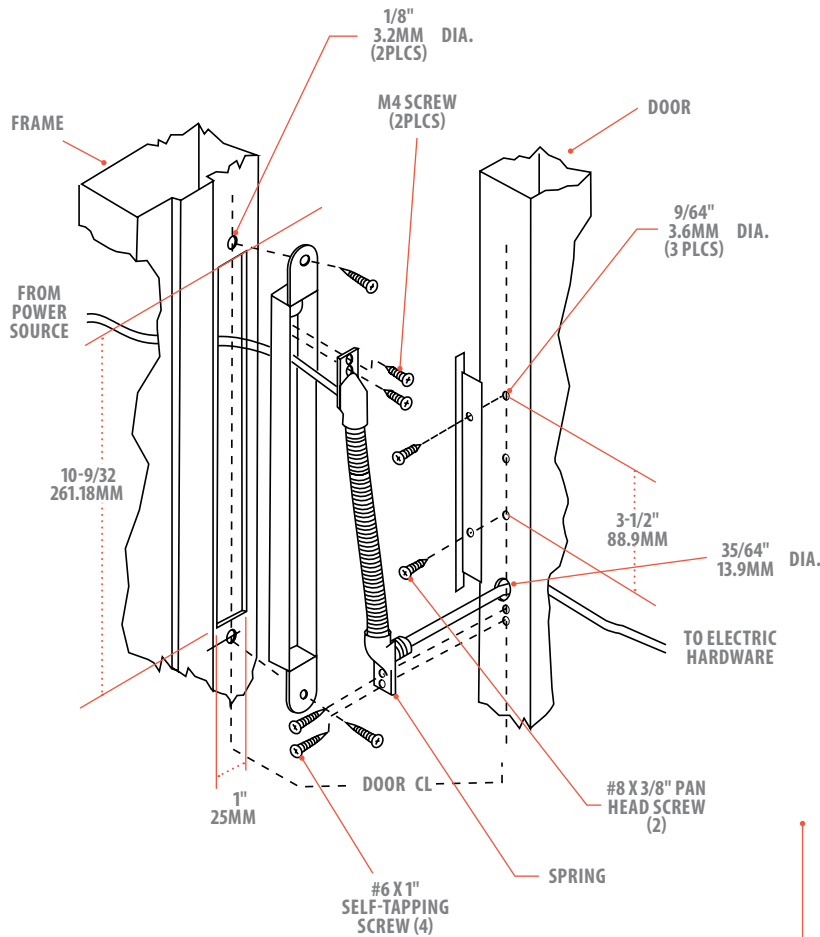
## DIMENSIONS



# ELECTRIC POWER TRANSFER

D4612

## INSTALLATION



### DOOR AND FRAME PREP 105° SWING

1. For wood frame, the rectangular cutout is 2" deep minimum.
2. 4612 Power Transfer Device is designed to protect the wire. Care should also be taken when inserting wires through this device.
3. Only stranded wires to be employed.
4. 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.
5. This device is intended for low voltage use only (30 VAC, 42.5 VDC, 10 W max.).
6. Wire should be labeled, appliance wiring material with minimum 1/32" thick insulation.

# HOW TO ORDER

## ELECTRIC POWER TRANSFER

HARDWARE MODEL	DESCRIPTION
D4612	• Electric Power Transfer for Hollow Metal Doors, Frames and Wood Doors

COLOR	DESCRIPTION
1	• 105° Degree of Opening
2	• 180° Degree of Opening
1SC	• For Use with Swing Clear Hinge Models

HOW TO ORDER	ELECTRIC POWER TRANSFER MODEL	DEGREE	PREP	INSTALL	SHIP LOOSE
	D4612	1SC	*	**	***

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



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

## FLUSH BOLTS

D3621

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

Fire Pin

## SPECIFICATIONS

**Material**

- Brass, Stainless Steel

**Fastener**

- 10 ea. #8 x 3/4 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

## FLUSH BOLTS

2948

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

## SPECIFICATIONS

## Material

- Brass, Stainless Steel

## Fastener

- 8 ea. #8 x 3/4 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



# HOW TO ORDER

## FLUSH BOLTS

HARDWARE MODEL	DESCRIPTION	AVAILABILITY
D3621-	• Top Only - Extension Style Automatic Flushbolt with Fire Pin	• Metal Door Only
D3921-	• Top Only - Corner Mount Automatic Flushbolt with Fire Pin	• Wood Door Only

COLOR	DESCRIPTION	US CODE REFERENCE**
605	• Bright Brass	• US3
606	• Satin Brass	• US4
612	• Santin Bronze	• US10
613	• Dark Satin Bronze - Oil Rubbed	• US10B
625	• Bright Chromium Plated	• US26
626	• Satin Chromium Plated	• US26D
628	• Satin Aluminum	• US28
629	• Bright Stainless Steel	• US32
630*	• Satin Stainless Steel	• US32D

<b>HOW TO ORDER</b>	FLUSH BOLT MODEL	COLOR
	D3621-	630



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# QUOTES/ ORDERING

## DIRECTIONS

Below is a list of items that will help provide an accurate base quote when the bidding process begins. It is always important to list any and all information associated with the opening when requesting a quote.

- Supplying a proper take-off is required for a good base quote.
- Copy of Integrated Door Assembly Specification.
- Copy of hardware sets & Hardware Finish specifications.
- Fill out order form.
- Specify Face Finish (Prime, HPL, Pre-finished Paint) Wood Veneer is not available.
- Specify whether closers, magnets, kickplates & other misc. hardware are required.
- List all options & accessories that are to be provided with doors. Electrified hardware, wire loops, vision lites, etc.
- Seals are included in all quotes unless otherwise specified.
- Quotes will be done on a formal quote basis only. *Phone quotes are NOT acceptable.*
- Please allow 24 - 48 Hrs to process quotes.
- Frames - *Optional-Please indicate if frames must be included.*
- Substitution Approval

## SUBMITTING QUOTE/ORDER REQUEST

You can submit requests

- **Email:** [rite.door@assaabloy.com](mailto:rite.door@assaabloy.com)
- **Fax:** 1-800-232-7329



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# QUOTES/ ORDERING

## ORDERING PROCESS

When the customer is ready to order the doors it is best to fill out the order form as best as possible. Missing information will only delay the order.

Here is a list of items that are most commonly left off when the order is placed..

- Fire Rating
- Handing of the Doors
- Undercuts
- Trim Style and whether they need it with or without cylinder preps
- Butt hinge locations
- Door Tag #'s
- Type of Continuous Hinge/Finish
- ADA Application
- Valid RITE Door quote number

*It is very important for the customer to do his or her homework before the order is placed. Existing applications will require field measurements. Nominal Frame Sizes are always required.*

# ORDER FORM

## MAIN PROJECT INFO

QUOTE/ORDER DATE	QUOTE #	REQ DATE	RITE DOOR AR#
<b>DIST #:</b>			
<b>CUSTOMER:</b>			
<b>PROJECT:</b>			
<b>CITY</b>			
<b>PROJECT CONTACT:</b>			
<b>PHONE:</b>			
<b>FAX:</b>			
<b>CUST E-MAIL:</b>			
<b>DSS REP</b>			
<b>DSS EMAIL</b>			

RITE DR CONTACT	PHONE#	EMAIL

SHIPPING METHOD	SHIPPING ADDRESS
Pool	
LTL	
Service Center	
Customer Pick-Up	

JOBSITE CONTACT INFORMATION	
Shipping to the Jobsite?	
Jobsite Contact	
Phone	
Spec Inst.	

***OFFICE USE ONLY***					
Material Type	MFG	Order # - MFG	ESD	Order# - SYS	Proj ESD



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# ORDER FORM

## MAIN PROJECT INFO

### LINE ITEM

	<b>WOOD (W) OR METAL (M)</b>
	<b>ID MARK</b>
	<b>QUANTITY</b>
	<b>SERIES</b>
	<b>CONSTRUCTION</b>
	<b>ADDITIONAL INFO</b>
	<b>EDGE CONSTRUCTION</b>
	<b>LABEL</b>
	<b>RATING</b>
	<b>VENEER SPECIES / STEEL TYPE</b>
	<b>VENEER PLY / STEEL GAGE</b>
	<b>FACE TYPE</b>
	<b>LITE SIZE / LOC ELEVATION</b>
	<b>MOULDING / LITE KIT</b>
	<b>GLASS TYPE</b>

	<b>GLASS THICKNESS</b>	
	<b>FEET</b>	<b>NOM WIDTH</b>
	<b>INCHES</b>	
	<b>FEET</b>	<b>NOM HEIGHT</b>
	<b>INCHES</b>	
	<b>THICKNESS</b>	
	<b>HAND</b>	
	<b>BEVEL</b>	
	<b>FRAME MFG</b>	
	<b>SET</b>	
	<b>GROUP</b>	
	<b>HARDWARE SET</b>	
	<b>SPL HDW LOC ELEVATION</b>	
	<b>PREFINISH (WOOD) / FACE FINISH (METAL)</b>	
	<b>UNDERCUT</b>	

<b>SPECIAL INSTRUCTIONS: DOORS:</b>		<b>FRAME INCLUDED?</b>
<b>SPECIAL INSTRUCTIONS: FRAMES:</b>		<b>FRAME MFG NEEDS TO BY "CU"</b>

### FRAME DETAIL

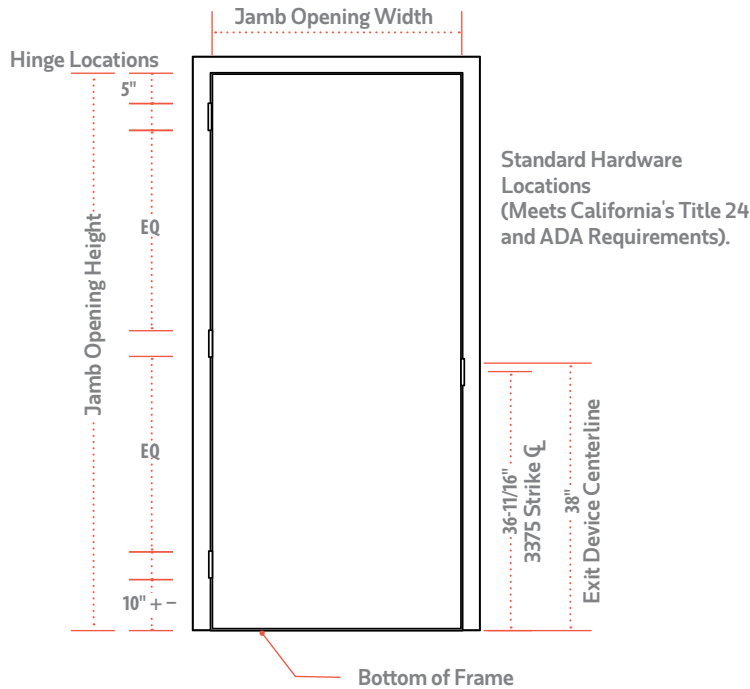
OPENING TYPE	FRAME PROFILE	OFFSET DBL EGR JAMB?	METAL GAGE	STEEL TYPE	JAMB DEPTH INCHES	JAMB DEPTH FRAC	FINISH	4" FRAME HEAD OPTION?	HINGE JAMB LEGS	WELD CONSTR	ANCHOR TYPE	STOP OPTION



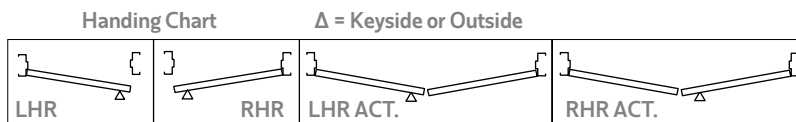
FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# HARDWARE LOCATIONS

## DRAWING



DO NOT USE FOR OTHER TRADES

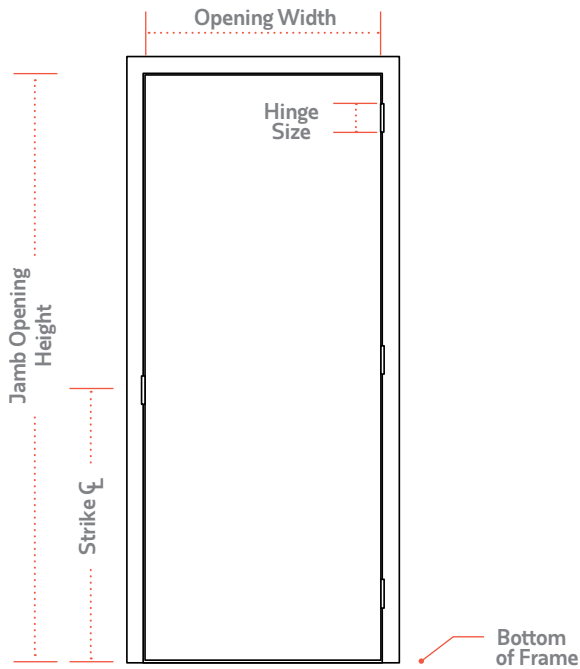


### GENERAL NOTES

1. These drawings have been prepared for reference use only. We will not be responsible for any errors incurred through their use by other trades upon request.
2. We cannot fabricate until we receive an approved copy of our submittal drawings and an approved, and corrected hardware schedule.
3. The Exit Device is factory installed. Factory installation of the cont. Hinge and kickplate is optional.
4. All other hardware to be installed in field by others.
5. All doors and frames will be mortised, reinforced, drilled and tapped for all mortise hardware and reinforced only for surface mounted hardware.
6. If any anchor or pivot reinforced hinges are specified. We will only pre-mortise and reinforce. Drilling and tapping will be done in the field by others.
7. If field joints are required due to shipping limitations, or other fasteners for attaching our products to other trades.
8. We do not furnish screws, bolts, expansion shields or other fasteners for attaching our products to other trades.
9. Frames must be set absolutely plumb, square and level.
10. All glazing and glazing gaskets are by others.
11. It is the contractor's responsibility to note short or damaged deliveries on bill of lading at time of delivery.
12. The fire label is a manufacturing certification only. Proper installation and wall construction are the responsibility of others.

# VERIFICATION OF EXISTING CONDITIONS

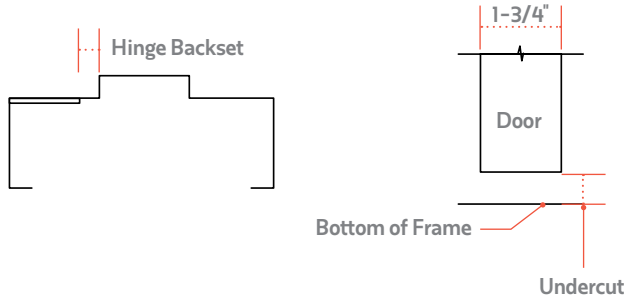
DRAWING



\*Indicate Strike Centerline for 3375 Mortise

Opening #

Handing:



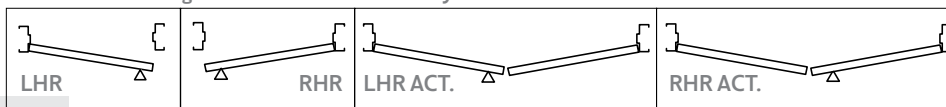
## INFORMATION REQUIRED PRIOR TO FABRICATION

1. Opening dimensions – width and height
2. Hinge locations – from opening height dimension at head of frame to top of each hinge
3. Hinge Size – height and width
4. Hinge Backset – see detail on side (11/32" STD.)
5. Handing – see handing chart
6. Hardware Schedule – all hardware items listed with part numbers

*NOTE: All dimensions of this sheet should be frame dimensions, not door dimensions. If you are taking measurements from a door, be sure to add for clearance between the door and frame. Normally 1/8".*

Handing Chart

$\Delta$  = Keyside or Outside



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# TERMS & CONDITIONS

ON SALE

## CONDITIONS

- Written purchase orders are required.
- RITE Door will send a written confirmation of all orders and change orders.
- It is the responsibility of the customer to verify information & immediately notify RITE Door of any discrepancies or changes. This must be done within two days of receiving confirmation or additional fees may apply.

## CANCELLATIONS

- All sales are final. Any orders cancelled will be subject to a cancellation charge depending on the material and state of production. Special order material is not subject to cancellation once fabrication has begun.

## RETURNS

- No merchandise may be returned for credit without written return authorization from RITE Door. Merchandise returned is then subject to inspection and must be complete and saleable. Any expenses incurred to make said material saleable will be charged to the buyer. Special order material is not returnable.
- Net 30 days FOB point of shipment
- Shipments and deliveries are subject to credit approval by RITE Door.
- All prices are FOB point of shipment. Freight charges to be paid by customer.
- No taxes are included.
- All orders are subject to the terms & conditions herein.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# PRODUCT SPECIFICATION GUIDE

## PREFACE

This Specification Guide is intended to provide reference material for the specifying of Integrated Door Opening Systems into project specifications.

Detailed product specification information is provided as a guide. It is the purpose of this information to aid in the completion of a CSI three-part formatted general specification for Section 08150 for Integrated Door Opening Assemblies. This is the current CSI section format for Pre-assembled Metal Door and Frame Assemblies. The new MasterFormat™ will change this to Section 081700 for Integrated Door Opening Assemblies.

This Specification Guide is not intended for use as a final product specification. Each project

is unique and decisions regarding product applications and equivalency are the sole responsibility of a professional door openings consultant and specification writer to evaluate and determine the appropriate product selection for a specific opening application.

The manufacturer does not and will not take any responsibility for the consequences of using the content of this guide for any specific project specification. The manufacturer shall not be liable for any direct, indirect or consequential damages.

*For specification assistance contact RITE Door Manufacturing at 800.872.3267 or [www.ritedoor.com](http://www.ritedoor.com).  
For a directory of certified consultants contact the Door & Hardware Institute at 703.222.2010 or [www.dhi.org](http://www.dhi.org).*



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

SECTION  
081700

## PART 1 – GENERAL

**1.1 RELATED DOCUMENTS**

- Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

**1.2 SUMMARY****Section Includes**

1. Integrated door opening assemblies including metal frame, integrated door system with operating hardware, and associated door hardware as specified in this section.
2. Factory finishing of wood doors.
3. Factory finishing of hollow metal doors.
4. Factory fitting and hardware preparation for doors and frames.

**Related Sections**

- Division 01 Section "Sustainable Design Requirements" for additional LEED documentation and requirements.
- Division 08 Section "Hollow Metal Doors and Frames" for integrated assembly doors installed in standard hollow metal frames.
- Division 08 Section "Glazing" for glass view panels in integrated assemblies.
- Division 08 Section "Automatic Door Operators" for power assisted door operators installed at integrated assembly openings.
- Division 09 Section "Interior Painting" for field painting integrated assembly doors and frames.
- Division 26 "Electrical" Sections for electrical connections including conduit and wiring for door controls and operators installed on integrated assembly doors and frames with factory installed electrical knock out boxes.
- Division 28 Section "Access Control" for access control devices installed at integrated assembly openings and provided as part of a security access control system.

**Codes and References**

Comply with the version year adopted by the Authority Having Jurisdiction.

- ANSI A117.1 – Accessible and Usable Buildings and Facilities.
- ANSI A156.32 – Integrated Door Opening Assemblies.
- ANSI/SDI A250.4 – Test Procedures for and Acceptance Criteria for Physical Evidence for Steel Doors and Reinforcement.
- ANSI/SDI A250.6 – Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames.
- ANSI/SDI A250.8 – Recommended Specifications for Standard Steel Doors and Frames.
- ANSI/SDI A250.11 – Recommended Erection Instructions for Steel Frames.
- Forestry Stewardship Council (FSC) – Guidelines for environmentally certified wood doors.
- Intertek Testing Service (ITS Warnock Hersey) – Certification Listings for Fire Doors.
- United States Green Building Council (USGBC).
- Window and Door Manufacturers Association – WDMA I.S.1-A Architectural Wood Flush Doors.
- ICC/IBC – International Building Code.
- NFPA 70 – National Electrical Code.
- NFPA 80 – Fire Doors and Windows.
- NFPA 101 – Life Safety Code.
- NFPA 105 – Installation of Smoke Door Assemblies.
- UL 10C – Positive Pressure Fire Tests of Door Assemblies.
- CARB – California Air Resources Board.
- State Building Codes, Local Amendments.

**Standards:**

All hardware specified herein to comply with the current version year of the following industry standards:

- ANSI/BHMA Certified Product Standards, A156 Series.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

SECTION  
081700

## PART 1 – GENERAL

## 1.3 SUBMITTALS

## Product Data

- Manufacturer's product data sheets including integrated opening assemblies construction and installation details, material descriptions, core descriptions, hardware reinforcements, profiles, anchorage, fire resistance rating, operational descriptions and finishes.

## Door Hardware Schedule

Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule." Include the following information:

- Type, style, function, size, label, hand, and finish of each door hardware item.
- Manufacturer of each item.
- Fastenings and other pertinent information.
- Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
- Explanation of abbreviations, symbols, and codes contained in schedule.
- Mounting locations for door hardware.

## Shop Drawings

Include the following:

- Elevations of each door design.
- Details of door and frames types including dimensioned profiles and metal thicknesses.
- Locations of reinforcement and preparations for hardware.
- Details of anchorages, joints, field splices, and connections.
- Details of accessories.
- Details of moldings, removable stops, and glazing.
- Details of conduit and preparations for power, signal, and control systems.
- Provide all dimensions necessary required to complete recessed pockets.

## LEED Submittals

- **Product Data for Credit MR 4:** For products having recycled content, documentation indicating percentages by weight of postconsumer and preconsumer recycled content.
  - Include statement indicating cost for each product having recycled content.
- **Product Certificates for Credit MR 5 (LEED CI only):** For products and materials required to comply with requirements for regionally manufactured materials. Include statement indicating cost for each regionally manufactured material.
  - Include statement indicating location of manufacturer and distance to Project for each regionally manufactured material.
- **Certificates for Credit MR 6:** Manufacturer's certificates indicating that products qualify as rapidly renewable products.
  - Include statement indicating cost for each rapidly renewable product.
- **Certificates for Credit MR 6 (LEED CS only) or Credit MR 7:** Chain-of-custody certificates indicating that flush wood doors comply with forest certification requirements. Include documentation that manufacturer and supplier is certified for chain of custody by an FSC-accredited certification body.
  - Include statement indicating cost for each certified wood product.
- **Product Data for Credit IEQ 4.4:** For adhesives and composite wood products, documentation indicating that product contains no added urea formaldehyde.
- **Laboratory Test Reports for Credit IEQ 4.1 (LEED for Schools only):** For adhesives, documentation indicating that products comply with the testing and product requirements of the California Department of Health Services "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
- **Laboratory Test Reports for Credit IEQ 4.2 (LEED for Schools only):** For paints and coatings, documentation indicating that products comply with the testing and product requirements of the California Department of Health Services "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
- **Laboratory Test Reports for Credit IEQ 4.4 (LEED for Schools only):** For composite wood products, documentation indicating that products comply with the testing and product



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

SECTION  
081700

## PART 1 – GENERAL

requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."

**Keying Schedule**

- Reference Division 08 Section "Door Hardware" for keying requirements.

**Informational Submittals**

- **LEED Documentation:** Submit manufacturer's environmental documentation and applicable sustainability program credits for MR-4 and that are specified herein. Submit manufacturer's health product declaration (HPD) for products of this section.

**Operating and Maintenance Manuals**

- Provide manufacturers operating and maintenance manuals for each item comprising the complete integrated assembly installation in quantity as required in Division 01, Closeout Submittals. The manual to include the name, address, and contact information of the manufacturers providing the installed assemblies and their nearest service representatives. The final copies delivered after completion of the installation test to include "as built" modifications made during installation, checkout, and acceptance.

**Warranties and Maintenance**

- Special warranties and maintenance agreements specified in this Section.

**1.4 QUALITY ASSURANCE****Quality Standard**

- In addition to requirements specified, comply with ANSI A156.32, latest edition, "Integrated Door Opening Assemblies".

**Source Limitations**

- Obtain complete integrated opening assemblies, including metal frame and integrated door system with operating hardware, through one source and from a single manufacturer wherever possible.

**Supplier Qualifications**

- Factory authorized distributor of manufacturer(s) systems and products. Submit written documentation upon request.

**Installer Qualifications**

- Installers acceptable by the primary assembly manufacturer, with a minimum [3] years documented experience installing both standard and electrified integrated door opening assemblies similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.

**Regulatory Requirements**

Comply with NFPA 70, NFPA 80, NFPA 101 and ANSI A117.1 requirements and guidelines as directed in the model building code including, but not limited to, the following:

- Where indicated to comply with accessibility requirements, comply with Americans with Disabilities Act (ADA), "Accessibility Guidelines for Buildings and Facilities (ADAAG)," ANSI A117.1 as follows:
  - **Handles, Pulls, Latches, Locks, and other Operating Devices:** Shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or twisting of the wrist.
  - **Door Closers:** Comply with the following maximum opening-force requirements indicated:
    - *Interior Hinged Doors:* 5 lbf applied perpendicular to door.
    - *Fire Doors:* Minimum opening force allowable by authorities having jurisdiction.
- **NFPA 101: Comply with the following for means of egress doors:**
  - **Latches, Locks, and Exit Devices:** Not more than 15 lbf to release the latch. Locks shall not require the use of a key, tool, or special knowledge for operation.
  - **Thresholds:** Not more than 1/2 inch high.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

SECTION  
081700

## PART 1 – GENERAL

- **Fire-Rated Door Assemblies:** Provide door hardware for assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252 (neutral pressure at 40" above sill) or UL-10C.
  - **Test Pressure:** Positive pressure labeling.
- **Pre-Submittal Conference:** Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing integrated door opening assemblies.
  1. Prior to installation, arrange for manufacturers' representatives to hold a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Training will include the use of installation manuals, hardware schedules, templates and physical product samples as required.
  2. Inspect and discuss electrical roughing — in, power supply connections, and other preparatory work performed by other trades.
  3. Review sequence of operation narratives for each unique access controlled opening.
  4. Review and finalize construction schedule and verify availability of materials.
  5. Review the required inspecting, testing, commissioning, and demonstration procedures.

## 1.5 DELIVERY, STORAGE, AND HANDLING

Deliver products to the project site under provisions Division 01 Section "Product Storage and Handling Requirements".

- Inspect doors, frames, and hardware with representatives of the supplier to verify shipment is complete and to rectify discrepancies promptly.
  - Integrated door assembly systems to be delivered to the job site complete with necessary screws, miscellaneous parts, instructions, and installation templates.
  - Each package legibly and properly labeled to correspond to the approved Door Schedule.

**Furnish integrated door opening assemblies with operating hardware flush to door skin, using protective wrappings and spacers between projecting hardware.**

- Maintain and protect door assemblies using cardboard spacers and protective edge guards along the door edges, to reduce exposure to marring or damage during storage.

**Store integrated door opening assemblies in dry and secure area.**

- Do not store electronic access control software, credentials, or accessories at Project site without prior authorization.

## 1.6 PROJECT CONDITIONS

**Field Measurements**

- Verify actual dimensions of openings by field measurements before fabrication.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# SECTION 081700

## PART 1 – GENERAL

### 1.7 COORDINATION

#### Electrical Connections

- Coordinate the layout and installation of scheduled electrified hardware and related access control equipment with required connections to source power junction boxes, low voltage power supplies, detection and monitoring hardware, and fire and detection alarm systems.

### 1.8 WARRANTY

#### General Warranty

- Reference Division 01, General Requirements. Special warranties specified in this Article will not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and are in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

#### Special Warranty Periods

- Manufacturer's standard written form, with the exceptions noted below, warranting integrated door opening assemblies to be free of defect in material or workmanship under normal use for a period of five (5) years.
  - **Continuous Hinges:** Up to twenty-five (25) years.
  - **Door Closers:** Up to twenty-five (25) years.

#### Warranty includes the manufacturer

- At their sole option, agreeing to repair or replace products or parts found to be defective in material or workmanship according to details contained in the warranty certificate.

### 1.9 MAINTENANCE SERVICE

#### Maintenance Tools and Instructions

- Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of integrated door opening assemblies.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

SECTION  
081700

## PART 2 – PRODUCTS

## 2.1 MANUFACTURERS

**Manufacturers:**

Subject to compliance with requirements, provide products by the following:

1. Adams Rite Manufacturing (AR) – The RITE Door.
2. **Substitutions:** Requests for substitutions and product approval for inclusive integrated door opening assembly

systems in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01, Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

## 2.2 MATERIAL REQUIREMENTS

**Doors and Frames****Doors**

- 1-3/4" thickness, with no visible seams or spot welds on door face, conforming to manufacturer's standard integrated assembly system construction. Door face skins minimum 18 gauge, cold rolled steel, with either a Honeycomb or Polystyrene type core. Doors to be constructed with a U-shaped, 16 gauge steel reinforcement channel, top and bottom, for the installation of door hardware accessories and supplied with a 18 gauge top cap.

**Frames**

- Minimum 16 gauge, ASTM A366 cold rolled steel, complying with ANSI/SDI A250.8. Furnish frames with mitered corners, continuously welded and ground smooth on frame face. Prepare frames with 14 gauge reinforcements for applied hardware and provide suitable adjustable type anchors for wall condition, minimum 4 each per jamb.

**Fire Rated Doors and Frames**

- Fabricate in accordance with NFPA 80, listed and labeled by a qualified testing agency, for the fire protection ratings indicated.

**Door Hardware**

1. Provide a complete integrated door opening assembly, including the installation and adjustment of the latching mechanism within the door construction.
2. Integrated exit device hardware to be clean and

unobtrusive in design with a minimal bar height of 2-7/16". Push rails not exceed a projection of 1-1/8" when in the latched position and be made of heavy duty aluminum extrusion, available in anodized and architectural finishes using metal cladding. Exit device end caps to be of metal construction.

3. Push and pull hardware to be clean and unobtrusive in design with a maximum projection of 1/4" on pull side and 5/8" on the push side.
4. Lever handles to be clean and unobtrusive in design with a maximum projection of 3-1/2" and match design of similar lever locking hardware furnished on project.
5. Door hardware to include the following minimum products for each integrated door opening assembly as specified in the Door Hardware Sets under Part 3.
  - **Hanging Device:** Continuous Hinges (geared or pinned), Pocket Pivots, or Offset/Intermediate Pivots.
  - **Integrated Locking/Latching Hardware:** Exit Devices, Lever Handle Trim, or Flush Push/Pulls.
6. Door hardware may include the following optional products for each integrated door opening assembly as specified in the Door Hardware Sets under Part 3:
  - **Door Closers:** Surface Closer or Pocket Closer.
  - **Accessory Items:** Magnetic Holders, Protection Plates, Edge Guards, Astragals, Smoke Seals.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# SECTION 081700

## PART 2 – PRODUCTS

### 2.3 FINISH REQUIREMENTS

#### Standard

- Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.
- Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware.

#### Antimicrobial Finishes

- Where specified, finishes on doors, frames, and hardware to incorporate an FDA recognized Silver Ion, antimicrobial coating (MicroShield™) listed for use on equipment as a suppressant to the growth and spread of a broad range of bacteria, algae, fungus, mold and mildew.

#### Finishes

##### Door Faces:

- Primed.
- Factory Pre-Finished.
- HPL – Plastic Laminate.

##### Frames:

- Primed.
- Factory Pre-Finished.

##### Hardware:

- As specified in Hardware Sets.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# OWNERS MANUAL

## OWNERS RECORD & LABELS

### WHAT THIS OWNER'S MANUAL CAN DO FOR YOU

- It explains exactly how The Rite Door® operates.
- It explains periodic maintenance requirements necessary to assure reliable operation.
- It explains simple things to do and check before you call for service, so you may save the cost of an unnecessary service call.
- It provides a complete listing of service replaceable parts.
- It provides your RITE Door Limited Warranty and what steps to take for service.

### OWNERS RECORD

- The model number is located on the hinge stile mounting base. Refer to this number and the additional information below when you call upon your local Rite Door® dealer regarding this product.

Model No: D3676/D8576/D3677/D3678

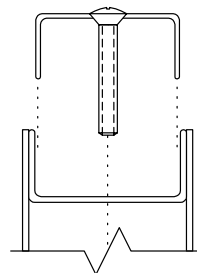
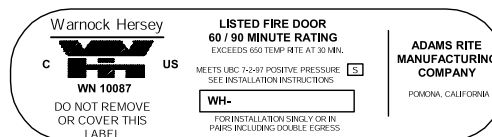
- Finish:
- Door Size:
- Hardware Supplier:
- Date Installed:

### EXIT DEVICE OPERATION

- The RITE Door® Top Rod Concealed Vertical Rod (CVR) device provides for life safety, security & fire containment by use of a rotating top latch and post type header strike. When the push bar is depressed, the top rod retracts to release the door. Upon closing, the top actuator deadlatches around the top strike post securing the door.

### FIRE DOOR LABELS, STRIKES AND FRAME SCREWS

- Fire Door Labels and other misc. hardware will be located in a removable channel located at the top of the door. This channel is secured by two Phillips head screws that can be easily removed. Please contact the factory immediately if this hardware can not be located.

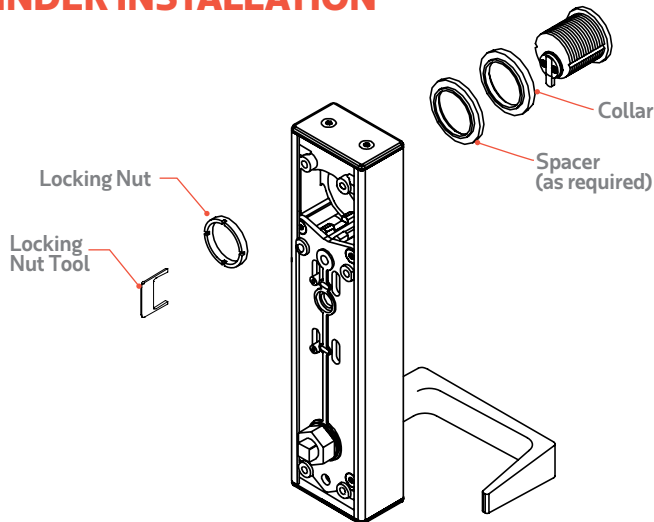


FOR INFORMATION CALL 800.872.3267 OR VISIT RITEDOOR.COM

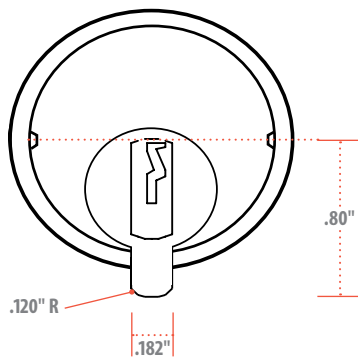
# OWNERS MANUAL

## CYLINDER INSTALL & OPERATION

### CYLINDER INSTALLATION



### DIMENSION OF CAM REQUIRED TO OPERATE TRIM

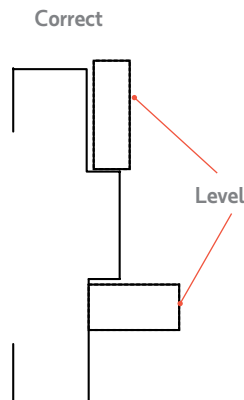
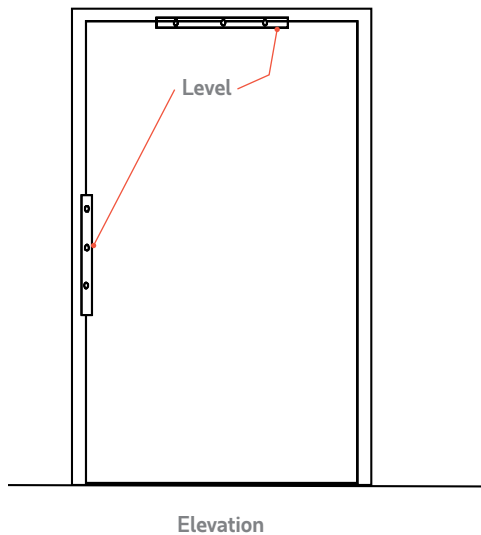


### ENTRY TRIM OPERATION

The 3080 series outside entry trim is an available option with The RITE Door®. The entry trim will activate the locking mechanism with any downward or upward motion of the lever handle.

The trim utilizes a clutching mechanism that protects the lever from forced entry or vandalism. The trim will accept any standard mortise cylinder (1" – 1 ½" long) with an MS cam if re-keying or new cylinders are required.

Spacer rings may be needed to accommodate longer cylinders. The number of spacers will vary depending on the length of cylinder being used. Maintenance of the trim will be discussed later in this manual.

OWNERS  
MANUALRECOMMENDED  
MAINTENANCERECOMMENDED  
MAINTENANCE

- Exit Devices are designed for life safety first. RITE Door devices are cycle tested in excess of one million cycles, both as prototypes during design and as quality samples during production. Atmospheric and other localized conditions may vary greatly, but extremely dirty, salty or abrasive situations could require service attention such as cleaning and lubrication of moving parts from time to time to assure reliability. Service personnel should be reminded that life safety is the goal.
- Some simple maintenance procedures can be taken to keep the exit device and trim in good working condition.
  - Maintaining the correct positioning and tightening of screws on top actuator.
  - Lubrication of top actuator from time to time with a high grade, lithium based grease. Moving parts inside the device and rods can also be sprayed annually with white silicone grease to assure reliability.
  - Tightening of pushbar and entry trim screws.
  - Tightening of end cap screws.
  - Tightening of top strike post.

*\*\*\* Please note that reliable RITE Door® operation is dependent upon the frame being square and plumb to function correctly. The diagram below will give you an idea of how to tell if your frame is set properly.*

FIGURE A

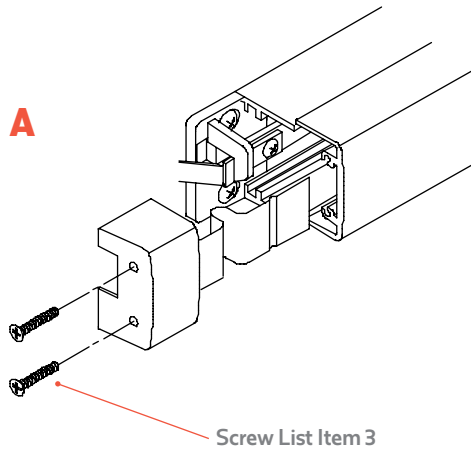
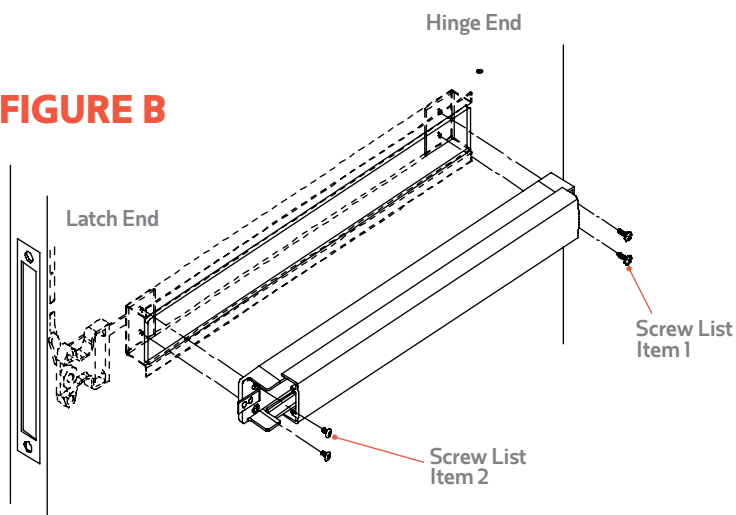


FIGURE B



## END CAP AND PUSHBAR REMOVAL / REPLACEMENT

To facilitate maintenance procedures, the two end caps and pushbar can be removed.

1. To begin, open the door to 90°.
2. Manually trip the top actuator to the locked position so pushbar is extended.
3. Instructions to remove the Push Bar. Using a small toll that will fit through  $\varnothing .125$  hole in push bar, press lever inside exit device to release push bar.
4. Remove end caps by removing the two black screws that secure each end cap. (Figure A) The latch side end cap will have a piece of metal attached that works as a stop. Remove carefully to avoid breaking.
5. For pushbar removal follow the steps above then remove the four mounting screws, two on each end of the back bar. (Figure B) This will allow you to slide the pushbar towards the hinges until the lead edge is clear of the scissor mechanism.
6. Then slide the pushbar back toward the locking edge to clear the remaining scissor.
7. **NOTE** when reattaching the pushbar that the stop plate on the inside of the pushbar should be located closer to the latch side of the door.
8. Be sure to tighten the four mounting screws on the backbar after installing pushbar.

FIGURE A

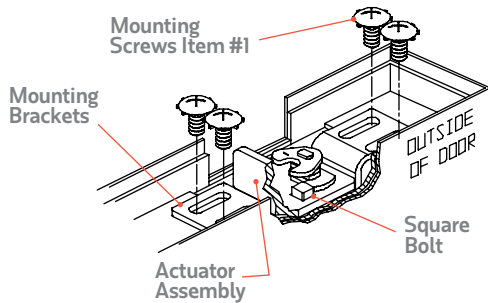


FIGURE B

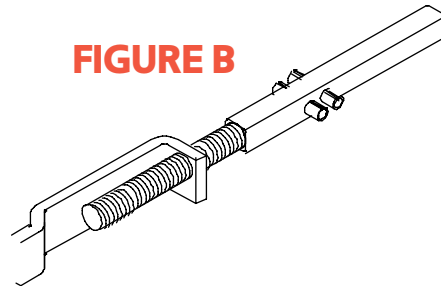


FIGURE C

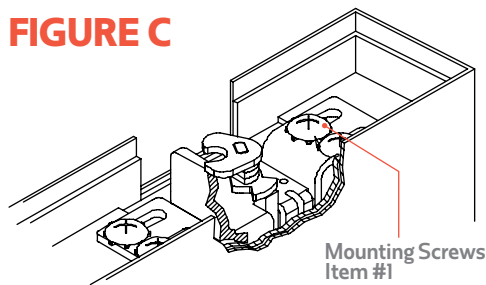
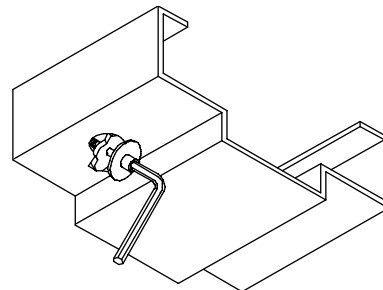


FIGURE D



## TOP ACTUATOR OPERATION & TOP STRIKE POSITIONING

Proper operation of this device relies heavily on the correct adjustment of the top actuator.

- The strike is designed to be operated with a minimum of 1/16" between top of door and frame.
- The diagram (Figure A) shows the correct relationship of the square bolt to the top actuator.
- The square bolt must be flush with the stop plate. There are four #10-32 x 1/2" Phillips head screws that are in slotted holes in the top channel of the door that keep the actuator secured. These will have to be removed to adjust the square bolt.
- The square bolt can be adjusted up or down (CW to lower - CCW to raise) so that it is flush with the stop plate. Be sure that the square bolt is not too high, as this will cause the actuator to rock in the channel.
- The pins in the square bolt (Figure B) must be turned in the proper direction to fit through the slot in actuator. After the square bolt has been adjusted, hand tighten the four mounting screws.
- (Figure D) Tip the strike post into the hole and hand tighten. Depress the pushbar to open the top latch actuator.
- Position the top strike so that it is centered on the hole cutout.
- Slowly close the door so that the top actuator and strike engage. This technique will self align the components.
- Depress the pushbar and open the door slowly. Tighten the top strike post with the Allen wrench and also secure the top actuator by tightening the four mounting screws (Figure C).
- The top strike must be properly located, and tightened securely, for the device to operate correctly. \*\*A minimum 1/16" between top of door and frame is required.

FIGURE A

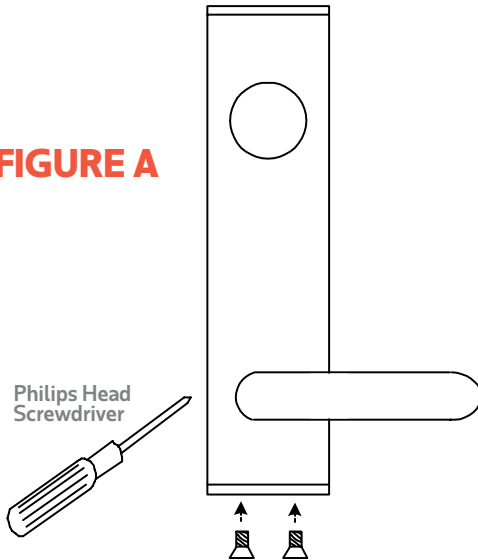
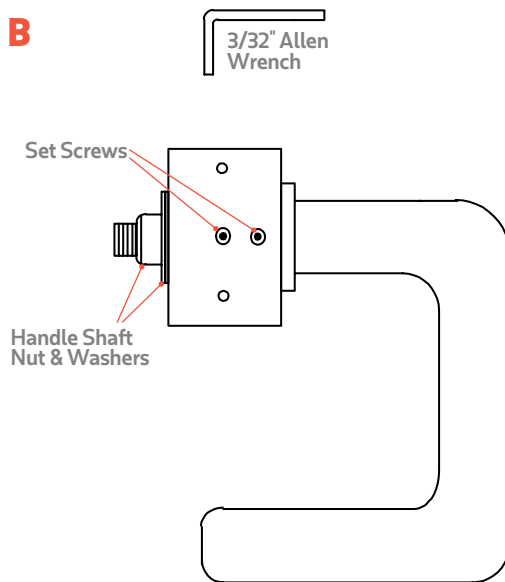


FIGURE B



## ENTRY TRIM MAINTENANCE

The entry trim screws mounted on the interior of the door should be checked to assure tightness. The diagrams on the following page (Figure C) will show how to locate the screws. A detailed parts list is also included for your convenience.

- A heavily scratched handle or escutcheon can be removed and replaced if necessary. Here are the directions on how to change each.

## CHANGING 3080 SERIES ESCUTCHEON OR HANDLES

### Step 1

- Turn the lever handle into position shown in *Figure A*.
- Remove the two flat Phillips head screws on the bottom escutcheon plate using a Phillips head screwdriver.
- Remove bottom escutcheon plate.

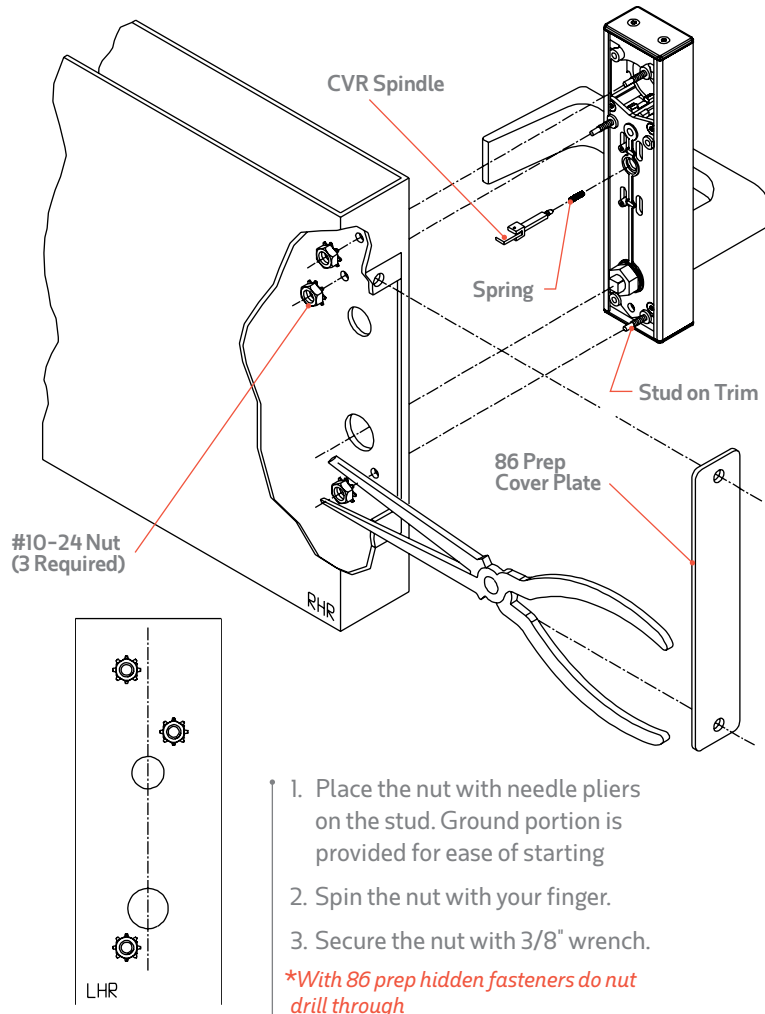
### Step 2

- On the bottom of the trim, loosen the two set screws (**TWO TURNS MAXIMUM!**) with the 3/32" Allen wrench provided.
- Remove the handle shaft nut and two washers shown in *Figure B*.
- Remove handle from escutcheon assembly.
- If handle only is being replaced move onto Step 3.
- Remove and replace escutcheon.

### Step 3

- Replace lever and install washers and handle shaft nut. (**DO NOT OVER TIGHTEN!**) Nut should be lightly tightened down then backed off ¼ turn until handle is operational.
- Tighten the two bottom set screws.
- Replace the bottom escutcheon plates and secure with the Phillips head screws.

FIGURE C



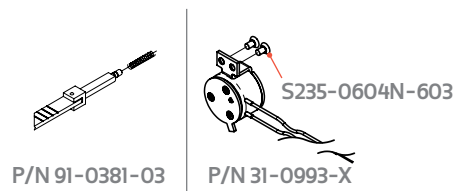
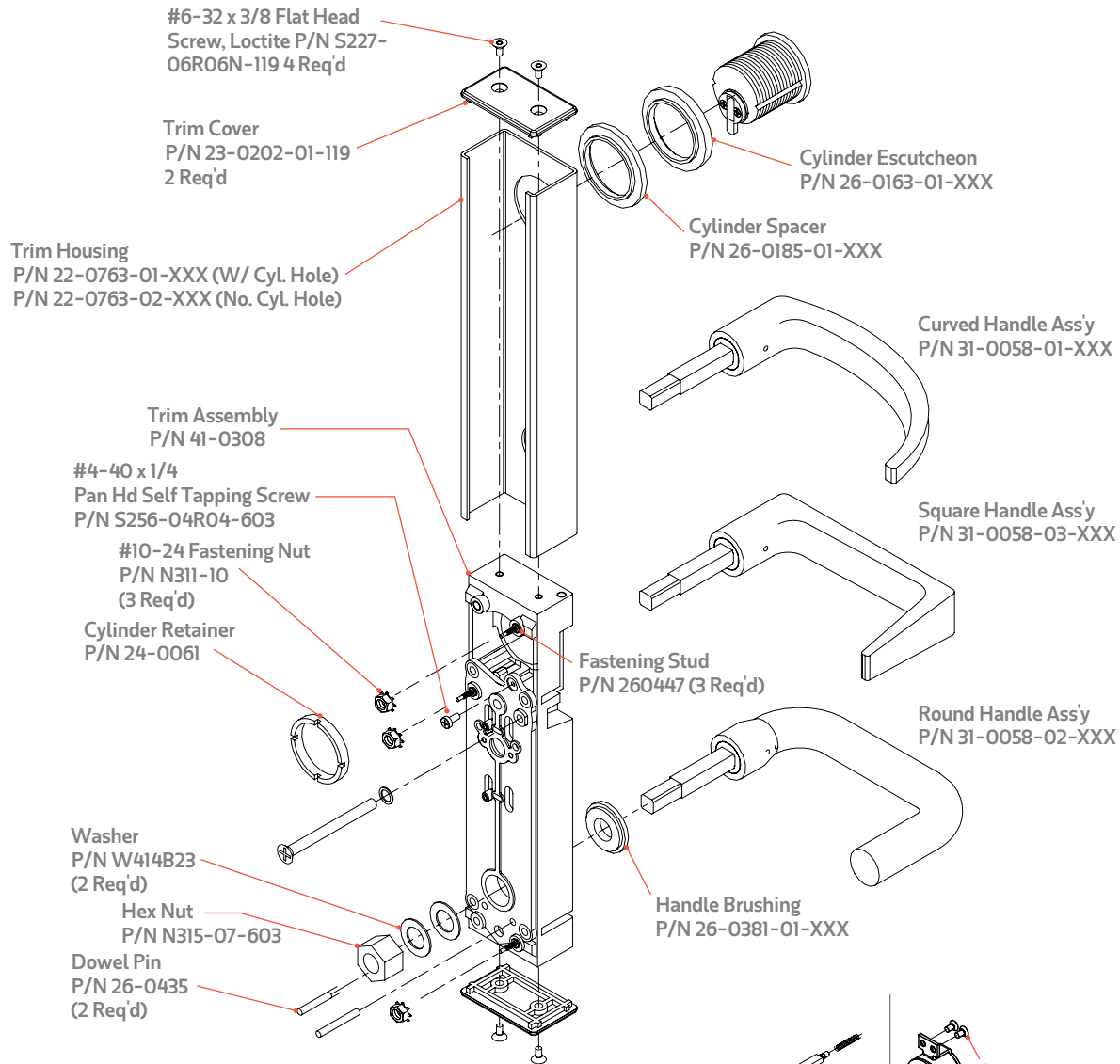
**ENTRY TRIM CONT.**

- The entry trim utilizes a clutching mechanism that protects the handle from vandalism or forced entry.
- If the handle has been forced into the clutch position one or both of the 1/8" dia x 1" rotation limiting pins, located below the handle lock nut, may have to be replaced. This can be done by simply removing the trim from the door and replacing the pins.
- When reattaching the trim make sure the trim spindle engages the device before tightening nuts.
- You will find a detailed parts breakdown of the entry trim on the following page for your convenience. (Figure D).
- The internal components of the trim are under extremely high pressure and should not be tampered with.
- The warranty will be voided if the seal on back of the trim has been broken.

# OWNERS MANUAL

## ENTRY TRIM

**FIGURE D**



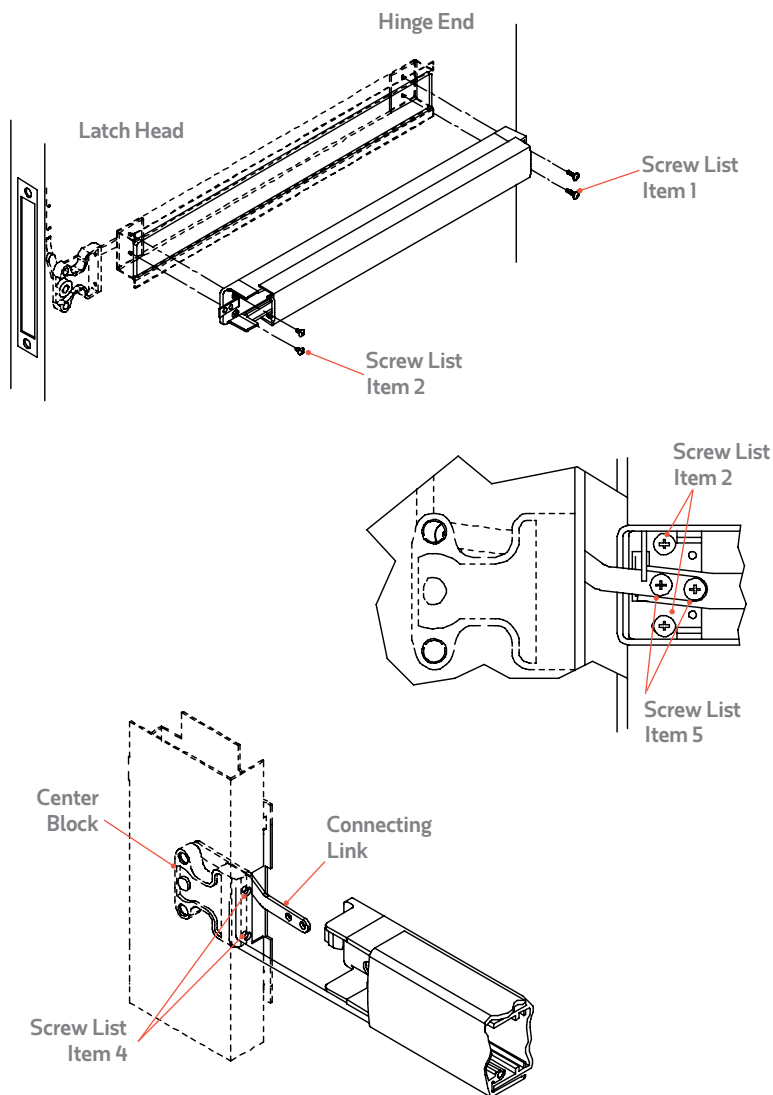
**D3081/D3082/D3083**  
**Entry Trim**  
**Replacement Parts List**








FOR INFORMATION CALL 800.872.3267  
 OR VISIT RITEDOOR.COM



MAINTENANCE OF TOP ROD ASSEMBLY DIAGRAM



SCREW LIST

- 1  #10-32 x 1/2" Sems Screw (6 Req'd) S277-10R08-603
- 2  #10-32 x 3/8" Sems Screw (2 Req'd) S277-10R06N-603
- 3  #10-32 x 1-7/8" Flat Head (4 Req'd) S258-10R23-119
- 4  #10-32 x 1/2" Flat Head (2 Req'd) S266-10R06-603
- 5  #10-32 x 1/4" Sems Screw (2 Req'd) S277-10R04N-603



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# OWNERS MANUAL

## TOP ROD

### MAINTENANCE OF TOP ROD ASSEMBLY

**Annually** apply a small amount of high grade lithium based commercial grease to the top of the square bolt at the top of the door.

#### In unusually dirty situations

- A small amount of spray lubricant can be applied to the center gear mechanism by removing the edge plate on the edge of the door.

#### To replace the rod mechanism

- It will not be necessary to take the door down if it is less than 8' tall.
- For taller doors it will most likely be necessary to take the door out of the frame.

#### To remove the top rod assembly

1. Remove the cover plate from the locking edge of the door.
2. Remove the lever trim.
3. Remove both end caps and push bar from the device.
4. Remove the two sem screws from the link arm.
5. Holding the rod assembly through the access hole in the door edge, remove the two screws from the edge of the panic bar cutout and pull the top rod assembly out through the access hole.

#### To replace

1. Remove the top latch assembly from the top edge of the door by removing the four screws.
2. Adjust the new rod length as the old rod, making sure the top square bolt is threaded about half way giving you optimum adjustment.
3. With the rod at the correct length, screw the cap head screw all the way through the rod.
4. Push the rod assembly up through the access hole making sure the trim adapter is facing the pull side of the door.
5. Pull the link arm through to the exit device cutout. Push the gear assembly up to the edge of the push bar cutout and screw into place. The link arm goes over the slide arm of the exit device, and then replace the sems screws.
6. Replace the top latch over the square bolt making sure pins in the square bolt are oriented to the slot in the top assembly as outlined in the top actuator section

# LIMITED WARRANTY

## RITE DOOR® LIMITED WARRANTY

Products sold by Hanchett Entry Systems, Inc., under the RITE Door® brand in the United States of America are warranted free from defects in the workmanship and materials under normal use and service.

This warranty does not cover defects or damage arising from improper installation, lack of or improper maintenance, improper storage, improper handling, corrosion, erosion, ordinary wear and tear, misuse, abuse, accident, unauthorized service or use with unauthorized RITE Door® products or parts.

This warranty is void if any modifications are made to the product, regardless of whether the modification causes or

contributes to the alleged defect. All modifications are made at the risk of the party making the modification.

Should any defect of manufacture (in material or workmanship) occur in its products, RITE Door®, upon prompt notifications and satisfaction that the product was defective in manufacture for the use intended will, at its option, exchange the product, repair the product and/or refund the price charged FOB factory within the stated time frame listed below.

### Hardware

\*All mechanical products for five (5) years from date of manufacture. (Exit Devices.)

\*Hinges – up to twenty-five (25) years based on the model and manufacture of the hinge.

\*Closers – up to twenty-five (25) years based on the model and manufacture of the closer.

\*All electrical products for three (3) years from date of manufacture with the exception of exit devices with the SE option.

\*Exit devices with the SE option for one (1) year from date of manufacture. RITE Door® recommends that for optimal performance all exit devices with the SE option are installed and powered using PS-SE power supplies. Installing SE exit devices with PS-SE power supplies extends the warranty to five (5) years from date of manufacture.

### Doors

- This warranty is applicable for the life of original installation of the door and covers both metal and wood type doors with the exception of (HPL) High Pressure Laminate Doors, which will have a maximum warranty of two (2) years.

### For Wood Doors only

#### Telegraph and Warp

- Warp is any distortion in the door itself and does not refer to the relationship of the door to the frame or jamb in which it is hung; it includes bow (curvature along the length of the door), cup (curvature along the width of the door), and twist (one or two corners are out of plane with the other corners of the door).
- Warp shall be measured by placing a straight-edge, taut wire, or string on the suspected concave face of the door (vertically, horizontally, or diagonally), with the door in its installed position. The measurement of the warp shall be made at the point of maximum distance between the bottom of the straight-edge, taut wire, or string and the face of the door. Warp shall not be considered outside of allowable tolerances unless it exceeds 1/4" in any 3'6" x 7'0" section of the door.
- Stile, rail and core show-through (Telegraphing) on flush doors shall not be warrantable unless it exceeds 0.010" in any 3" span.
- Warp and Telegraph shall not be warranted in any event if the door is not treated in a manner consistent with the "Storage, Handling, Finishing, Installation and Maintenance Instructions" on the reverse side of this warranty.
- Action on any claim for Warp or Telegraph after installation may be deferred, at the option of RITE Door®, for a period of 12 months from the date of complaint to allow for acclimation to surroundings.



ASSA ABLOY

FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LIMITED WARRANTY

## ALLOWABLE TOLERANCES

### Sizing

- Height:  $\pm 1/16$ "
- Thickness:  $\pm 1/16$ "
- Width (Not Prefit):  $\pm 1/16$ "
- Width (Factory Prefit):  $\pm 1/32$ "

### Hardware Preparation

- Hinge Mortise and Lock Front Location:  $\pm 1/32$ "
- Lock Front Height and Width:  $+1/32$ ",  $-0$ "
- Hinge Mortise Height:  $+1/32$ ",  $-0$ "
- Hinge Mortise Backset:  $+0$ ",  $-1/32$ "
- Hinge Mortise and Lock Front Depth:  $+0.025$ ",  $-0$ "
- Squareness: Diagonal measurement difference not to exceed  $1/8$ ".

## MATTERS EXCLUDED FROM WOOD DOOR WARRANTY

1. Unsatisfactory door function or appearance caused by failure to follow the "Storage, Handling, Finishing, Installation and Maintenance Instructions" on the reverse side of this warranty.
2. Appearance of field finished doors
3. Natural variations in the color, texture, character, or cut of the wood.
4. Door with cutouts that 1] have an edge within 5 inches of door edge, 2] have an edge within 5 inches ( $3-5/16$ " on non-rated and 20 minute doors) of another cutout (including hardware cutouts), 3] have an area exceeding 40% of the door face area, or 4] have a height exceeding 50% of the door height (exception: Engineered Composite core door with cutout). Existing Door openings not meeting applicable fire door requirements as stated by Intertek.
5. Warp, if it occurs when 1]  $1\ 3/8$ " thick door is larger than 3070, 2] face veneers are of differing species, or 3] door is finished/painted differently on each face of the door.
6. Door used in an exterior application, or an interior door with differing temperature and/or humidity on opposing side of door.
7. Door improperly installed or hung in a frame that is not plumb, square, and level, and/or doesn't allow the door to swing freely.
8. Normal wear and tear, including wear-through of finish or deterioration for reasons other than material and workmanship of the door itself.
9. Door with hardware that is not compatible for the particular door construction.



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM

# LIMITED WARRANTY

## GENERAL WARRANTY REPLACEMENTS

Product repair or replacement or associated charges, will not be accepted under this warranty unless prior authorization from RITE Door® has been given. RITE Door® will determine whether the product qualifies for repair or replacement under this warranty. RITE Door® has no liability to pay any costs of repair performed by anyone other than qualified personnel authorized by RITE Door® prior to the work being done. Prior to the work being authorized, a quote for labor charges to remove, replace and reinstall the product must be submitted for approval.

Written notice of product or component part believed to be defective as covered by this warranty should be sent within 90 days of receipt of goods to:

**RITE Door®**  
10027 S. 51st Street, Suite 102  
Phoenix, AZ. 85044

Or

A Customer Service contact email address found at [www.RITEdoor.com](http://www.RITEdoor.com) under the "CONTACT US" tab. To reach customer service by phone, please call 800-872-3267.

*Please have the Distributor Name, Project Name, Purchase Order# and Door Tag ID for the defective product available upon request.*

## CANCELLATION

As an industry leader, RITE Door® is committed to maintaining the highest standard of quality and ensuring strict compliance to industry codes. RITE Door® takes pride in customer service, quick response times and the ability to work with meeting our customers' needs. These needs may include special order products or product modifications. Please be advised that all special order products or product modifications require special authorization to ensure the order fully meets the customers' expectations. Customers are asked to allow for an extended lead time on all orders that do not meet our standard product offering. Please note that special order product or product modifications cannot be changed, modified or cancelled after an order acknowledgment has been issued by RITE Door®.

RITE Door® takes pride in introducing new, industry-relevant, feature-rich products. Since new solutions will surpass the capabilities of older product lines, historical products may be subsequently discontinued. Every effort will be made to announce new product introductions as well as product discontinuations in a manner that allows customers advance notice of these events. Repair services and spare parts for discontinued product parts will be available for a reasonable time period. RITE Door® reserves the right to replace discontinued product with an equivalent product as determined by RITE Door®.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ALL IMPLIED WARRANTIES ARE LIMITED TO THE DURATION OF THIS WARRANTY. RITE DOOR® IS A BRAND NAME OF HANCHETT ENTRY SYSTEMS, INC. HANCHETT ENTRY SYSTEMS, INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OF LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVE YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

### Keep and fill out for warranty information:

Customer: \_\_\_\_\_

Job Name: \_\_\_\_\_

Sales Order#: \_\_\_\_\_

PO#: \_\_\_\_\_

INV#: \_\_\_\_\_

Date: \_\_\_\_\_



FOR INFORMATION CALL 800.872.3267  
OR VISIT RITEDOOR.COM



# THE RITE | RITE DOOR | NOW



The convenience and beauty of **The RITE Door®** integrated door system is now available faster than ever. Introducing RITE Door RITE Now, our new quick ship program. Choose from the available integrated door system options and have it in the field in 10 days.\*

Program Benefits:

- Consistent, short lead times
- Reliable, on time delivery
- Competitive pricing

\* Please contact the factory at **800.872.3267** for questions and details regarding the fire rating and the full warranty for The RITE Door products. Some restrictions apply. Contact the factory for details.

ASSA ABLOY, the global leader  
in door opening solutions

Have **confidence** that code and labeling requirements are met with an integrated door system that has been tested and certified as a complete unit.

Take advantage of quick and **trouble free** field installation with doors and hardware that are preassembled and adjusted at the factory.

Enjoy lower overall product, installation, and maintenance costs as well as **peace of mind** in having chosen a proven engineered product.

### DOORS

- 36" x 84" OR 48" x 84" nominal size
- Singles or pairs
- Polystyrene core
- 18 gauge, A60 Galvanized steel face
- N-Edge Type
- Flush Face
- 1-3/4" Thick
- Primed for field finish
- 5/8" Undercut
- Fire ratings up to 90 minute

### HARDWARE

- D3676/D3677 inset exit device – 630 satin stainless steel with matching end caps
- D3080 trim with curved lever style – 630 satin stainless steel with matching top caps
- D300 or D329 – stainless steel continuous hinges
- D-SS-STK – seal kits (required for fire rated applications)
- D-DC/D-DCT – surface closers available upon request
- D-MDH – magnetic holder available upon request

### MINIMUM/MAXIMUM ORDERS:

#### Pairs:

- Minimum – 2 doors (No 1/2 Pairs)
- Maximum – 10 doors (5 pairs)

#### Single:

- Minimum – 1 door
- Maximum – 5 doors



**ASSA ABLOY**

ASSA ABLOY, the global leader  
in door opening solutions