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## **345 A Street: Lower Level Upgrades**

August 2, 2019

—

### **PREPARED BY**

Dyer Brown Architects  
One Winthrop Square  
Boston, MA 02110

**HYERBRUWN<sup>®</sup>**

**AGENDA**

**01 LOCATION PLAN**

**02 EXISTING BUILDING FAÇADE**

**03 PROPOSED BUILDING FAÇADE WITH NEW  
ENTRY DOOR**



**345 A STREET**

**BOSTON, MA**

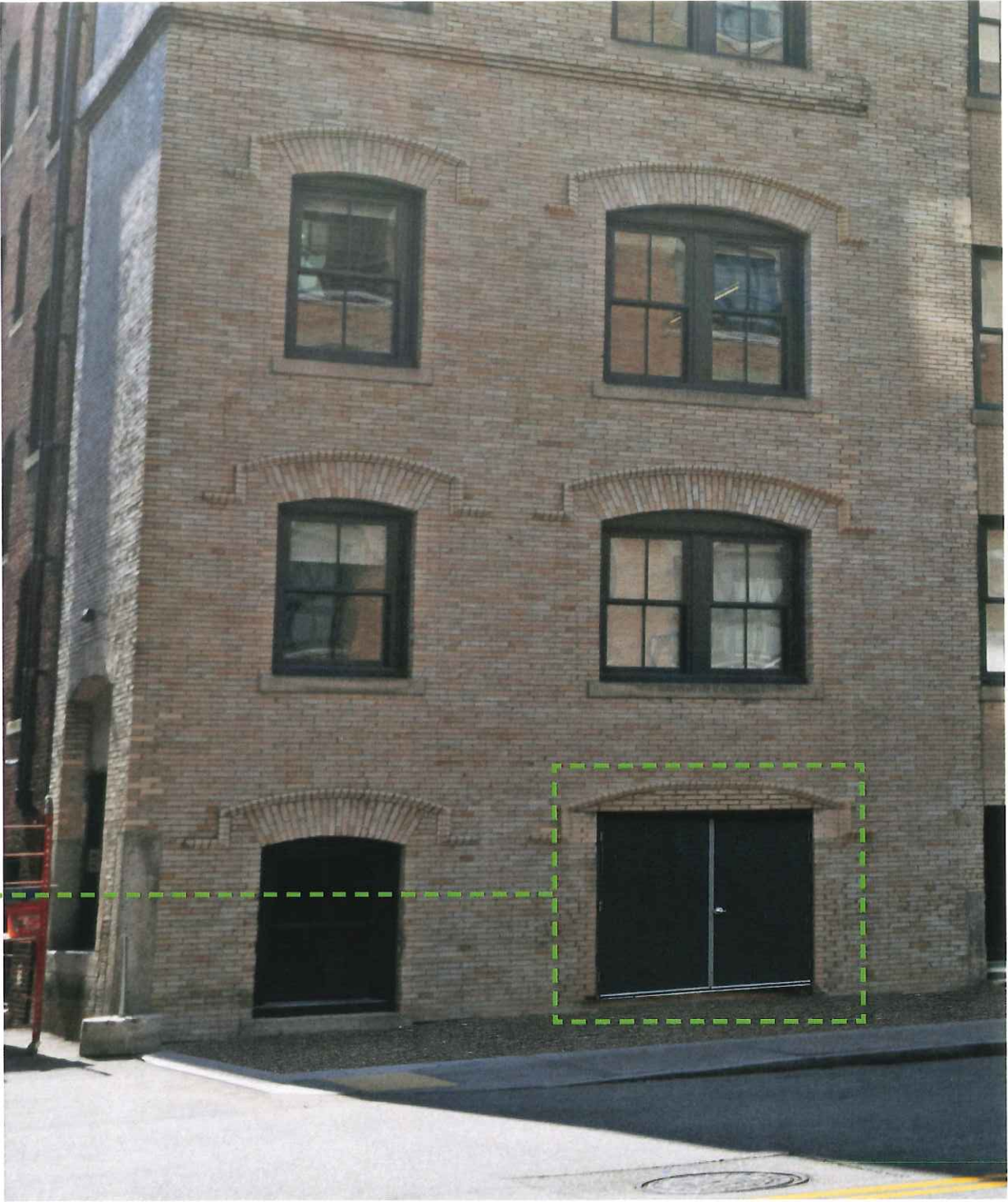
**NYERBKWVN**



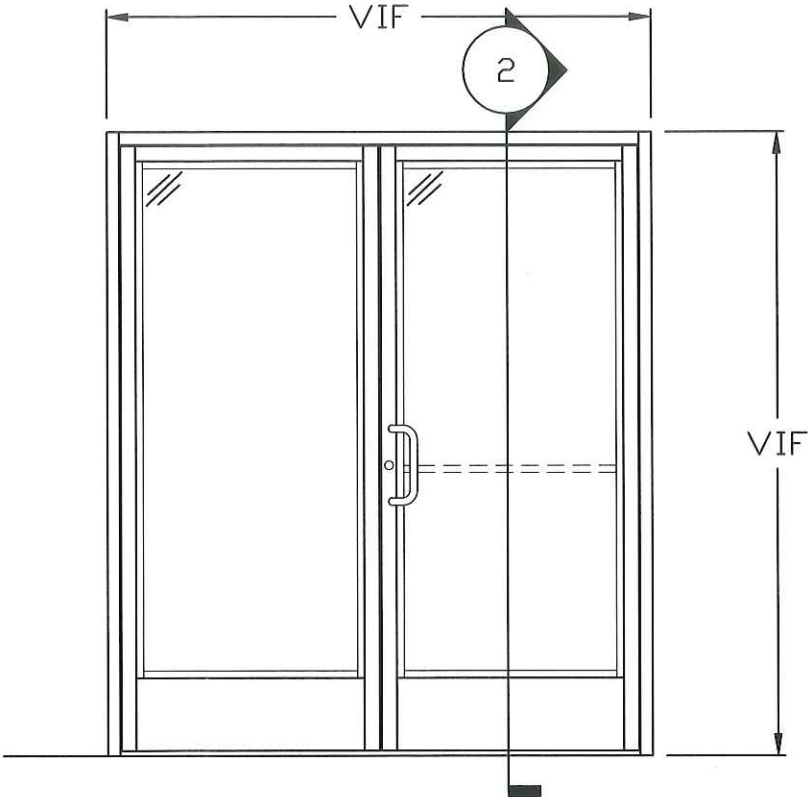




SCOPE OF WORK:  
ENTRY DOOR  
REPLACEMENT







- NEW EXTERIOR ENTRY DOOR**
- TO REPLACE EXISTING ENTRY DOOR IN KIND
  - FRAME & HINGE COLOR TO MATCH EXISTING GREEN FINISH
  - EXTERIOR DOOR PULL IS STAINLESS STEEL

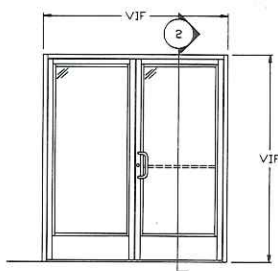
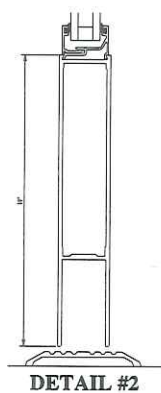


**EXTERIOR DOOR PULL**

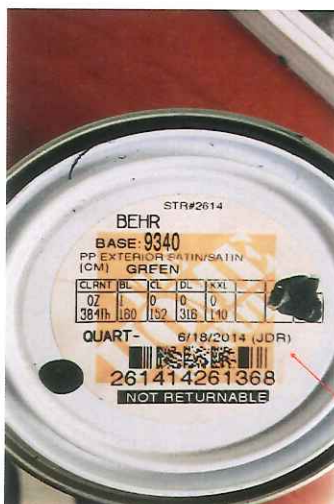


**INTERIOR EXIT DEVICE  
WITH CONCEALED RODS**

**HYERBROWN®**



**EXTERIOR ENTRANCE DOOR  
#1 SHOWN FROM PULL SIDE /  
OUTSIDE**



DOOR FRAME HINGE COLOR  
TO MATCH EXISTING  
FENESTRATION.

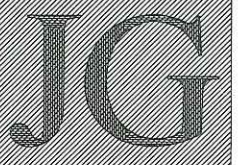
ALL DIMENSIONS TO BE VERIFIED IN THE FIELD

**NOTES:**

ALL DIMENSIONS VIF  
GLASS IN SF DOOR : 1" Low E  
TYPE L WALL : 1/2" CLEAR TEMPERED GLASS  
MIRROR : 1/4" MIRROR  
STAIR GLASS : 1/2" CLEAR TEMPERED GLASS  
FRAMING : TUBELITE INC STOREFRONT  
FINISH OF STOREFRONT : PTD PLEASE SUPPLY SAMPLE?  
FINISH OF STAIR : BRUSHED STAINLESS STEEL

**ENTRY DOOR**

HINGES - P092A 1-1/2 PAIR PER DOOR LEAF  
PULL - ABF157 WIRE PULL ACTIVE LEAF ONLY  
POWER TRANSFER - SDC PT-5  
EXIT DEVICE - EL3E92 ACTIVE LEAF ONLY  
CLOSER - DORMA RTS88  
FLUSH BOLT - P059 INACTIVE LEAF ONLY  
T-HOLD - E0019 OR E2550 PLEASE PICK ONE ???  
BOTTOM RAIL - 10"  
POWER SUPPLY - PSEL1500



**Jackson Glass Inc.**  
511 Cummin Hwy  
Roslindale, MA 02131  
TEL# (617) 522-0525

**COMMODORE**

# 345 A STREET BASEMENT

NAME	DATE	REVISION DESCRIPTION
JWM	05/17/79	
GENERAL CODE: CONADOORE		
ARCHITECT:		
DRAWING BY: JWM		
COPYRIGHT: COPYRIGHT JACKSON GLASS INC 2019		
SHEET TITLE		
<p style="text-align: center;">STOREFRONT STAIR RAILING OFFICE SIDELITE</p> <p style="text-align: center;">A-1</p>		
<p>ENTRY</p>		





Overhead Concealed  
Door Closer

# DORMA RTS88



Specifications . . . . . 3

Technical Details . . . . . 4

**Application Drawings**

**Side Load Packages**

Aluminum Door and Frame – RTS-01/RTS-02 . . . . . 6

Steel Door and Frame – RTS-03 . . . . . 7

Wood Door and Steel Frame – RTS-04 . . . . . 8

Wood Door and Frame – RTS-05 . . . . . 9

Wood Door and Aluminum Frame – RTS-06 . . . . . 10

**End Load Packages**

Aluminum Door and Frame, 1" Top Rail –

    RTS-07–RTS-10 . . . . . 11

Aluminum Door and Frame, 7/8" Top Rail –

    RTS-11–RTS-14 . . . . . 12

Aluminum Door and Frame, 3/4" Top Rail –

    RTS-15–RTS-18 . . . . . 13

Aluminum Door and Frame, 5/8" Top Rail –

    RTS-19–RTS-22 . . . . . 14

**Offset Slide Arm Packages**

Aluminum Door and Frame, Hinges – RTS-25 . . . . . 15

Aluminum Door and Frame, Pivots – RTS-26 . . . . . 16

Steel Door and Frame, Hinges/Pivots – RTS-27 . . . . . 17

Wood Door and Steel Frame, Hinges/Pivots – RTS-28 . . . . . 18

Wood Door and Frame, Hinges/Pivots – RTS-29 . . . . . 19

Wood Door and Aluminum Frame, Hinges – RTS-30 . . . . . 20

Wood Door and Aluminum Frame, Pivots – RTS-31 . . . . . 21

**Accessories**

Arms . . . . . 22

Pivots . . . . . 25

Cover Plates . . . . . 27

Miscellaneous . . . . . 28

ISO 9001:2000

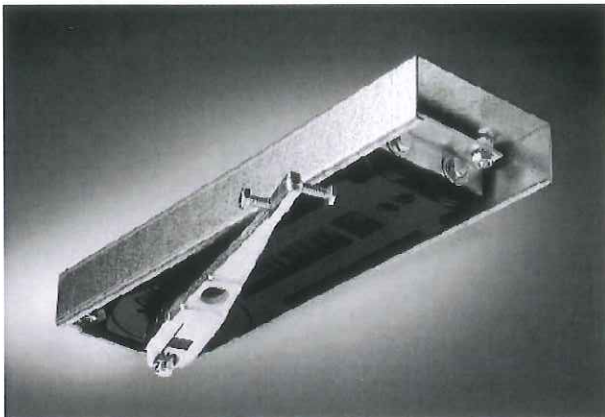


Intertek

**BHMA**  
CERTIFIED

The quality management  
system at the Reamstown,  
PA facility is certified to  
ISO-9001.\*

\*DORMA Door Controls Inc., dba: DORMA Architectural Hardware



## Invisible Door Control... Dependable and Easy to Install

Architects are often challenged to design buildings that are both beautiful and functional, down to the last detail. The DORMA RTS88 overhead concealed door closer offers the perfect solution for those who prefer the aesthetic advantages of a concealed door closer.

The RTS88 is designed to give lasting, dependable service where surface applied units and other types of closers are not suitable, or would interfere with the architectural design. It can be easily installed in wood, aluminum, or hollow metal doors and frames, for single and double-acting doors. Contractors appreciate the RTS88 closer, because the majority of door and frame preparation is done prior to installation of the unit, resulting in less on-site machining. The RTS88 is also an excellent replacement closer for problem entrances.

The RTS88 Series overhead concealed door closer has a compact body size which fits into a 1-3/4" x 4" header for aluminum frames and is also easily adaptable to wood and hollow metal frame configurations.

Openings fitted with the RTS88 are capable of 90° or 105° maximum opening door swing, trim conditions permitting. Sweep and latch closing speeds are controlled by two noncritical temperature compensating valves to insure constant closing speeds even under the most extreme temperature conditions. A built-in pressure relief valve protects the closer from abuse due to forced closing. A positive stop at 90° or 105°, depending on the model selected, combined with a mechanical backcheck, hinder the forceful or abusive opening of the door and help protect the door, frame, and adjoining structure.

The RTS88 is capable of accommodating doors weighing up to a maximum of 250 pounds. The closer can handle exterior doors up to a maximum 3'-6" width and interior doors up to a maximum 4' width.

A complete line of accessories is available for wood, aluminum, and hollow metal applications, both single and double-acting center hung doors, and hinged or offset pivoted single-acting doors.

Other accessories include cover plates for wood, aluminum, and hollow metal frames and extended spindles for increased clearances at the top of the door. Optional hold open units are available, effective at either 90° or 105°.

### Specifications:

DORMA RTS88 Series overhead concealed door closer for both single and double-acting doors. The RTS88 will consist of a steel cam, rollers, and springs housed in a compact cast iron body. Closers will be capable of being installed in minimum 1-3/4" x 4" headers. RTS88 will have maximum door opening to 90° or 105°, trim conditions permitting. Sweep and latch speed will be controlled by two noncritical adjustment valves from 90° or 105° to closed. Built-in pressure relief valve will protect the closer from abuse caused by forced closing. A mechanical backcheck combined with a positive stop at 90° or 105° will be provided to protect the door and frame. The RTS88 closer will be available with hold open at 90° or 105°, or without hold open. The RTS BFI and BFE are available with 105° hold open only. Optional extended spindle will be available in 3/16" integral length or 1-3/16" add-on length. Accessories will be available for single and double-acting doors as well as independently hung installations for wood, aluminum, and hollow metal doors and frames.

### Cover Plate Finishes (Steel or Wood Frame):

#### Standard Sprayed Finishes:

Aluminum: 689.

Bronze: 691 (Dull), 690 (Statuary), or 695 (Dark Duranodic).

Gold: 696.

Black: 693.

#### Optional Plated Finishes:

Brass: 605 (Bright) or 606 (Satin).

Bright Bronze: 611 (Bright), 612 (Satin), or 613 (Oxidized Satin Oil Rubbed).

Nickel: 618 (Bright) or 619 (Satin).

Chrome: 625 (Bright) or 626 (Satin).

### Cover Plate Finishes (Aluminum Frame):

#### Standard Sprayed Finishes:

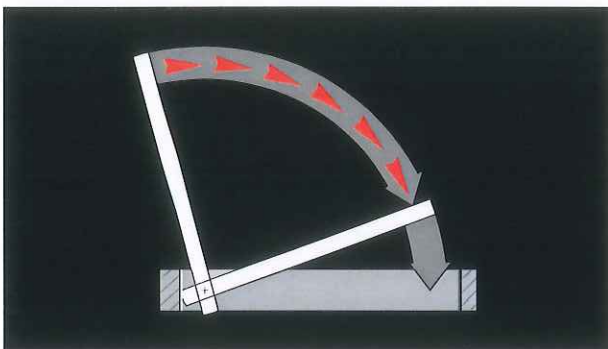
Aluminum: 689.

Bronze: 695 (Dark Duranodic).

Black: 693.

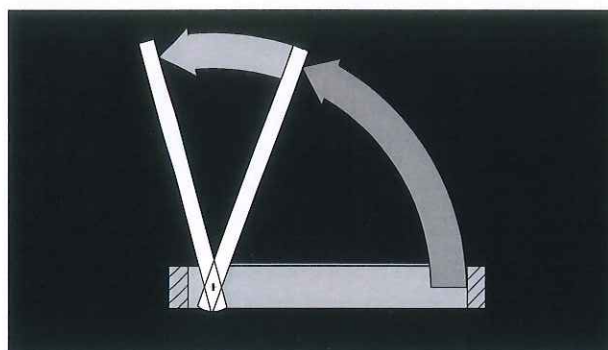
**Warranty:** 10 Years.





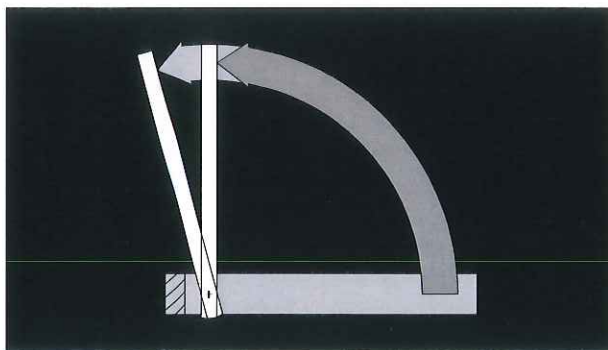
#### Dual Speed Closing

Sweep and latch closing speeds are controlled by two non-critical adjustment valves. Sweep area is from 105 to 20 . Latch area is from 20 to 0 .



#### Backcheck

A mechanical backcheck slows down the door prior to contact with the positive stop.



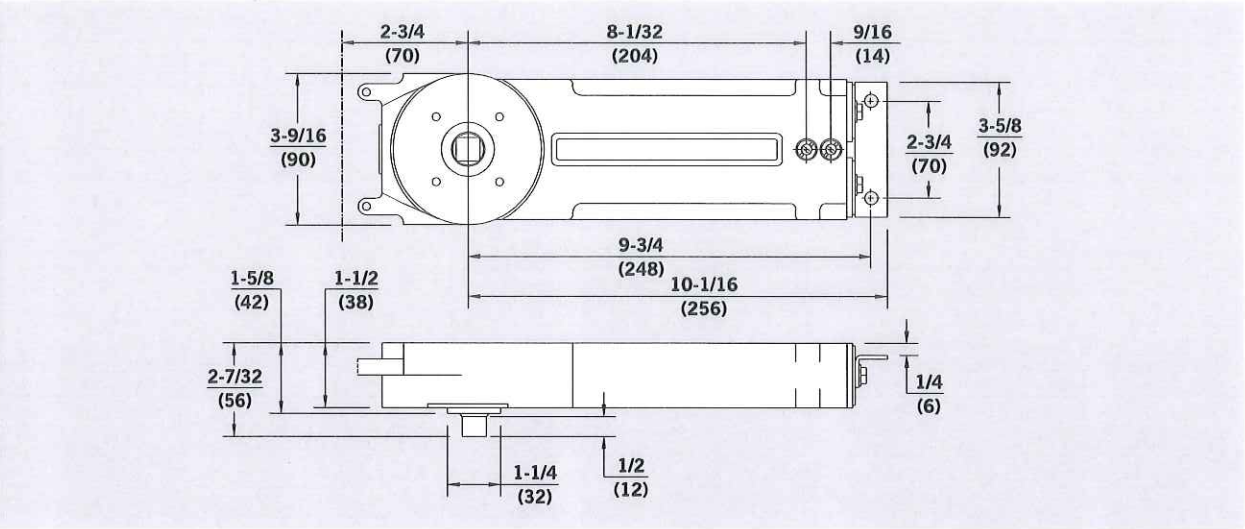
#### Positive Stop

An integral positive stop is available at 90 or 105 .

The RTS88 BFI and RTS88 BFE will meet barrier-free requirements on 3'-0" wide center hung single or double-acting doors. The RTS88 BFI meets the 5 lb maximum opening force requirement for interior barrier-free openings. The RTS88 BFE meets the 8.5 lb maximum opening force requirement for exterior barrier-free openings. They are suited for easy retrofit of Jackson, Rixson 608, and similar style closers. The RTS88 BFI and RTS88 BFE are available in 105 NHO and 105 HO only.

#### Technical Details

- Compact closer body is designed to fit into headers as small as 1-3/4" x 4".
- Closer body is non-handed.
- One closer for both single-acting or double-acting doors.
- Accommodates a maximum door weight of 250 lb.
- A pressure relief valve protects closer from damage caused by forced closing.
- An integral positive stop limits door swing to 90 or 105 . For doors experiencing unusual conditions, such as excessive wind pressure or abuse, an auxiliary stop should be installed.
- A mechanical backcheck slows down the door prior to contact with the positive stop.
- Closing speeds are controlled by two non-critical adjustment valves. Sweep area is from 105 to 20 . Latch area is from 20 to 0 .
- Thermostatic valves insure constant closing speeds under varying temperatures.
- The standard RTS88 is furnished without hold open. Optional single point mechanical hold open is available at 90 or 105 .
- The RTS88 BFI and RTS 88 BFE are available in 105 NHO and 105 HO only.
- The RTS88 offers a cast-iron body along with heavy-duty ball bearings at the spindle.
- Steel cam and roller assembly is coupled to dual steel pistons.
- Mounting brackets are available to install closer into aluminum or wood headers.
- Packages are available for side load, end load, and offset slide arm applications. For independently hung doors with 8812 slide arm, the maximum degree of opening and hold open angle may vary slightly.
- No. 8532 steel header mounting channel is specifically designed to install the RTS series closer into open-throat steel header sections. Normally, the mounting channel is installed in the header prior to shipment to the job site.
- No. 8521E add-on spindle extension is available for special applications where additional clearance is required between the closer body and the door.
- Cover plates are available for virtually any type header material.
- No. 8820J conversion bracket is available for replacement of existing overhead concealed closers with the RTS88.
- The RTS88 is manufactured to conform with the requirements of ANSI A156.4.



Size Selector Chart RTS88 Series

Maximum Door Width		Closer Size
Interior	Exterior	
to 3'-0"	to 2'-6"	*2
over 3'-0" to 3'-6"	over 2'-6" to 3'-0"	3
over 3'-6" to 4'-0"	over 3'-0" to 3'-6"	4

\* Size (2) is available for 90° deadstop or deadstop/hold open only. For 105° applications, substitute the RTS88 BFE for the door ranges shown.

**Note:** The listed door widths and recommended sizes are for average conditions. In the case of tall or heavy doors or where doors are subject to wind or draft conditions, the larger closer should be selected.

Size Selector Chart RTS88 BFI/BFE

Door Width		Barrier-Free Closer
Interior	Exterior	
3'-0" ⚠	—	RTS88 BFI *
—	3'-0" ⚠	RTS88 BFE *

⚠ - Meets 5 lb interior or 8.5 lb exterior maximum opening force on 3'-0" wide center hung doors.

\* Available for 105° dead stop or dead stop/hold open only.

**Note:** Although DORMA RTS88 BFI/BFE Series closers comply with barrier-free opening force restrictions, adequate control can not be guaranteed during compliance of these restrictions.

Comparison Chart RTS88 Series

DORMA	JACKSON	RIXSON	LCN	Dor-O-Matic
RTS88 Side Load	101-BE	608SL	6030CP	12000, 22000 13000, 23000 14000, 24000
	101-BF			
	101-GE			
	101-PV			
	101-U			
	101-V			
	101-S			
RTS88 End Load	101-AP	608EL	6030CP	12000 13000 14000
	101-AE			
	101-PE			
	101-P			
	101-PA			
	101-T			
RTS88 Offset Slide Arm	201-A4	0608	2030	22500
	201-P	0700		23500 24500

Since no products are exactly alike, the data on this chart represents our judgement of which products are most similar. Information has been obtained from trade sources. It is not guaranteed nor represented that any specific product exactly equals any other product.



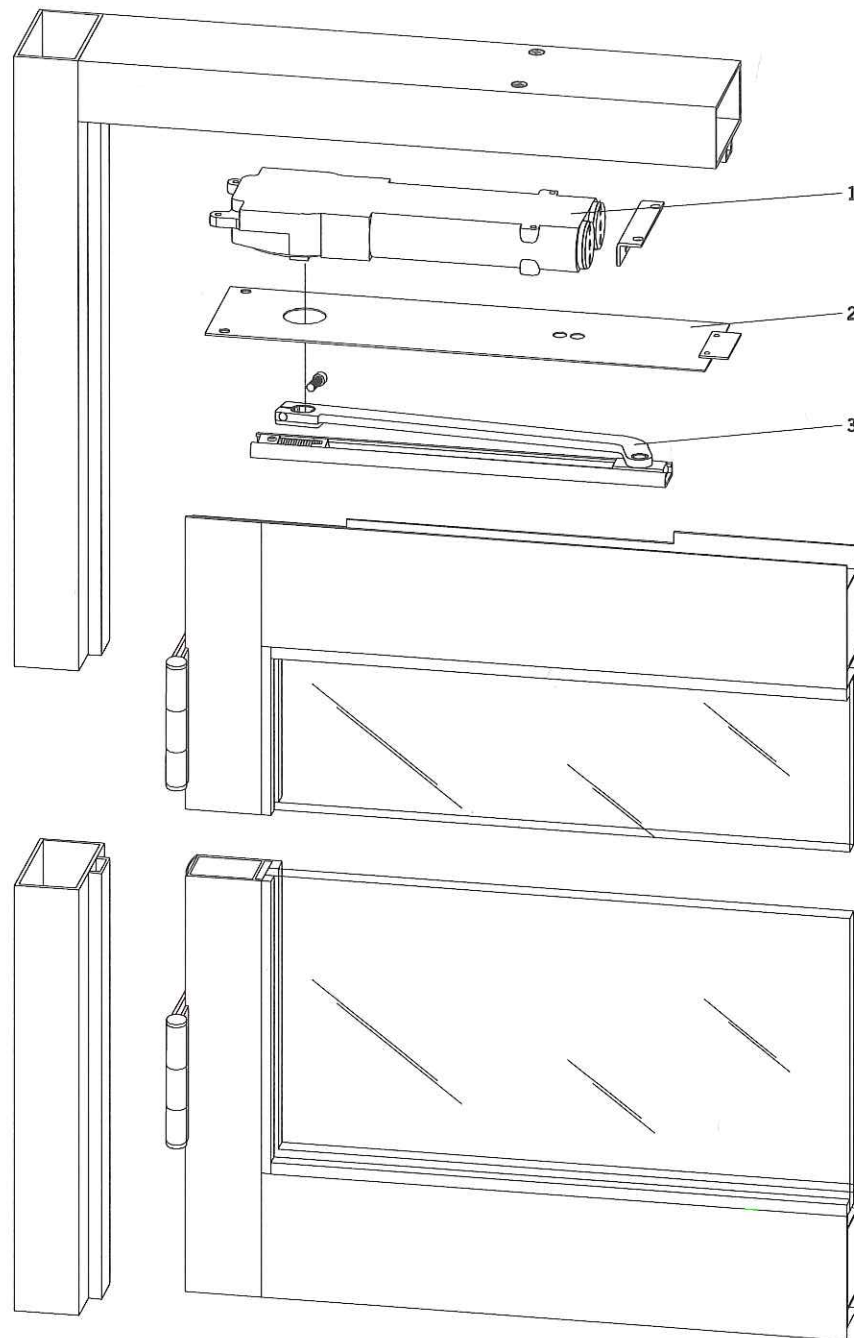
## Offset Slide Arm — Single-Acting Aluminum Door and Frame — Hinges

### Package RTS-25

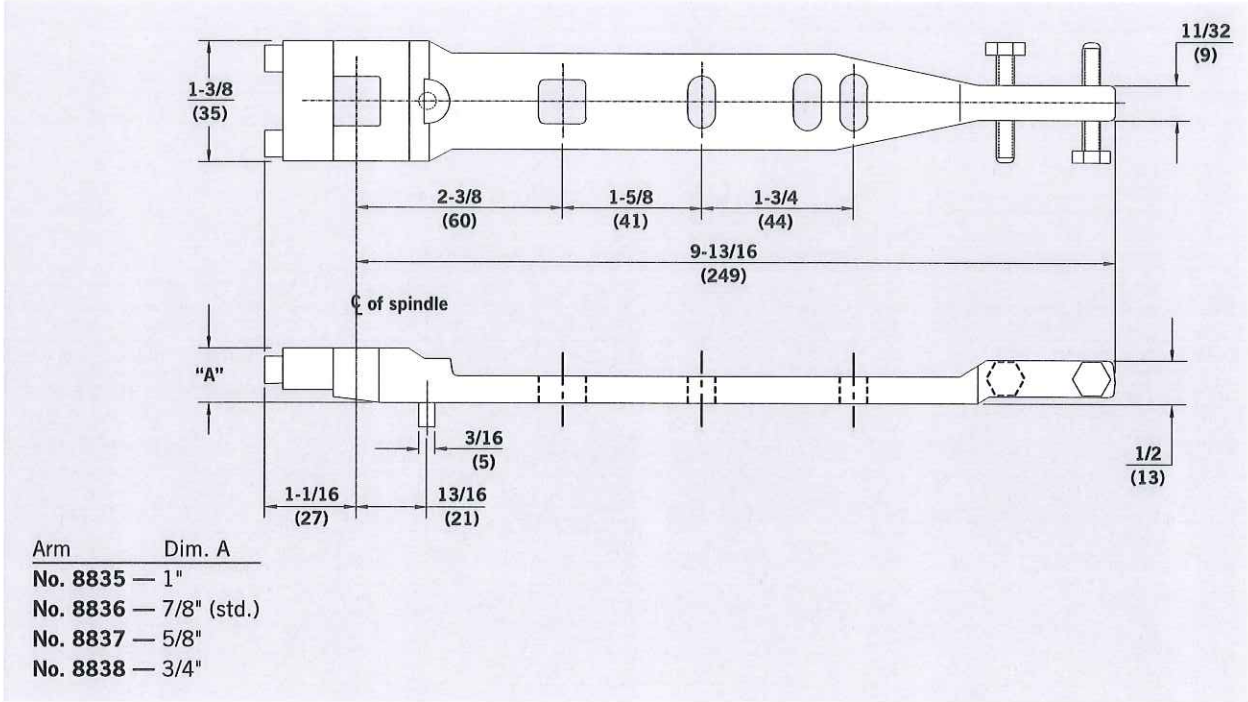
Package RTS-25 is templated specifically for aluminum doors hung on 4-1/2" wide hinges.

### Components: RTS-25

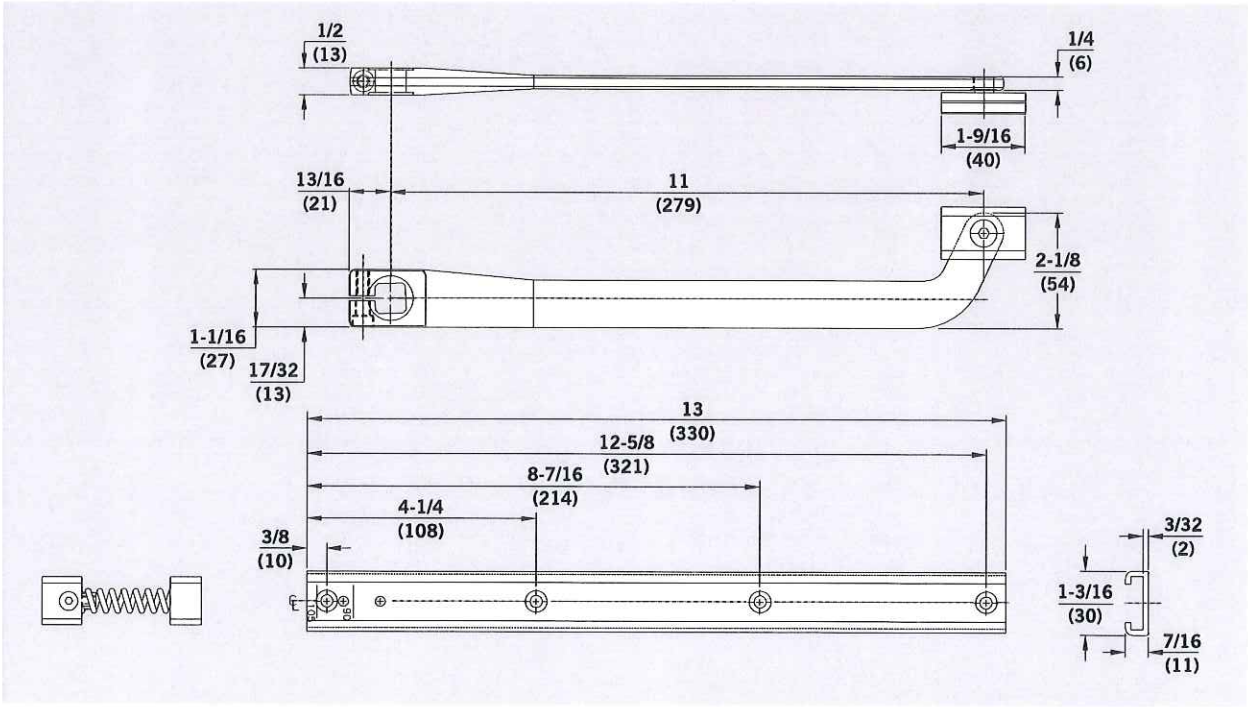
1. RTS Series closer
2. No. 8563 cover plate (optional)
3. No. 8812 slide arm



# Arms



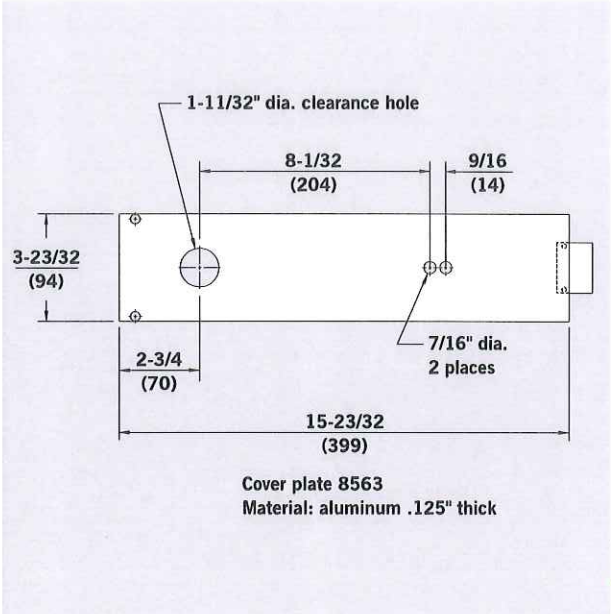
End load arms for aluminum or tempered glass doors. Specify arm as required by top door rail channel depth.



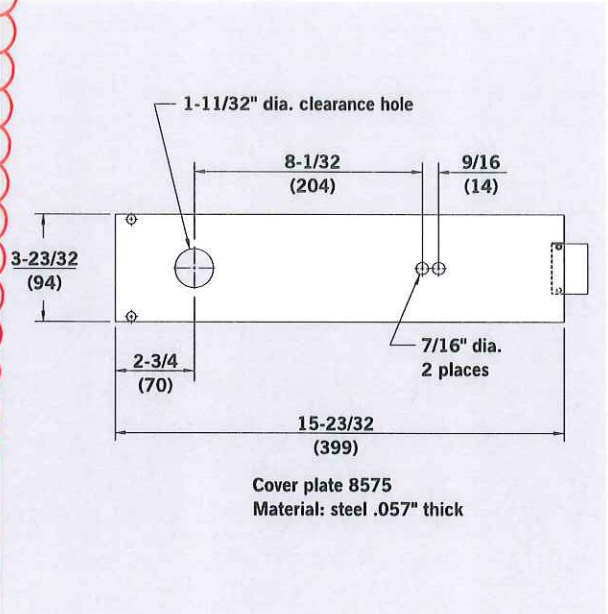
No. 8812 — Offset slide arm and channel for aluminum, steel or wood doors, hung on 3/4" offset pivots or 4-1/2" wide butt hinges. Requires a minimum 3/4" top door rail channel depth.



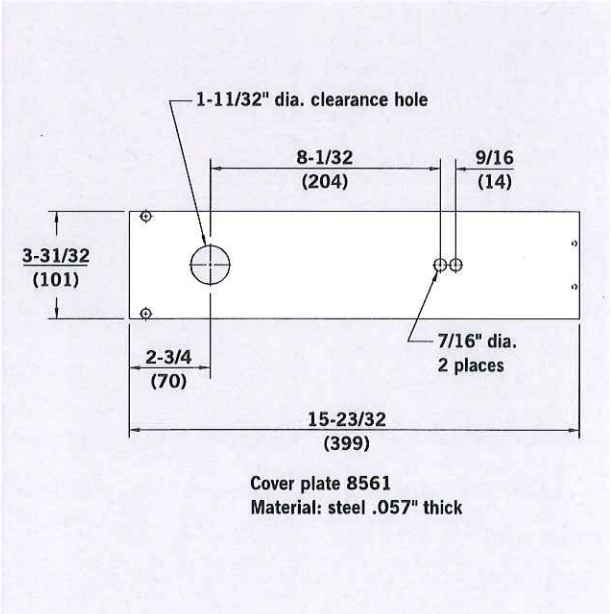
# Cover Plates



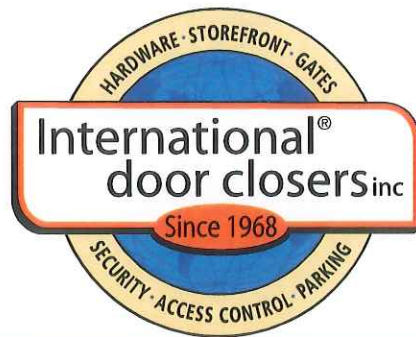
**No. 8563** — Cover plate for RTS Series closer when installed in aluminum header.



**No. 8575** — Cover plate for RTS Series closer when installed in steel header.



**No. 8561** — Cover plate for RTS Series closer when installed in wood header.



# FLUSHBOLTS

## HARDWARE

### FB-1200 FLUSHBOLT

- 15/16" x 4-1/4" Radius Face
- Positive "U" joint actuator with 5/8" throw ..
- 1/8", 3/16" and 1/4" offset with 7/8" backset
- Rod length for 12" Centerline of face installation
- Square Nylon Tip with beveled corners fits in 1/2" square hole
- Finishes Available:
  - AL - Baked Satin Aluminum Paint
  - BK - Baked Black Paint
  - DU - Baked Storefront Bronze Paint

#### Ordering Information

FB-1201 1/8" offset, without guide
FB-1202 1/8" offset, with guide
FB-1203 1/4" offset, without guide
FB-1204 1/4" offset, with guide
FB-1205 3/16" offset, without guide
FB-1206 3/16" offset, with guide

Specify: Model Number Standard or Extended Hole Guide Finish



### FB-2200 FLUSHBOLT

- 15/16" x 4-1/4" Radius Face
- Positive "U" joint actuator with 7/8" throw
- 1/8" and 1/4" offset with 7/8" backset
- Rod length for 12" Centerline of face installation
- Square Nylon Tip with beveled corners fits in 1/2" square hole
- Finishes Available:
  - AL - Baked Satin Aluminum Paint
  - BK - Baked Black Paint
  - DU - Baked Storefront Bronze Paint

#### Ordering Information

FB-2201 1/8" offset, without guide
FB-2202 1/8" offset, with guide
FB-2203 1/4" offset, without guide
FB-2204 1/4" offset, with guide
FB-1205 3/16" offset, without guide
FB-1206 3/16" offset, with guide

Specify: Model Number  
Standard or Extended Hole  
Guide Finish

### FB-1201-K FLUSHBOLT

- 15/16" x 4-1/4" Radius Face
- Positive "U" joint actuator with 5/8" throw
- 1/8" offset with 11/16" backset
- Square Nylon Tip with beveled corners fits in 1/2" square hole
- Finishes Available:
  - AL - Baked Satin Aluminum Paint
  - BK - Baked Black Paint
  - DU - Baked Storefront Bronze Paint

Specify: Finish

### ER-1200 FLUSHBOLT EXTENSION ROD

- 1/4-20 x 12" Threaded rod
- Includes coupler

### FG-1200 STANDARD FLUSHBOLT GUIDE

- For use with FB-1200 and FB-2200 Flushbolts

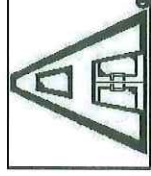
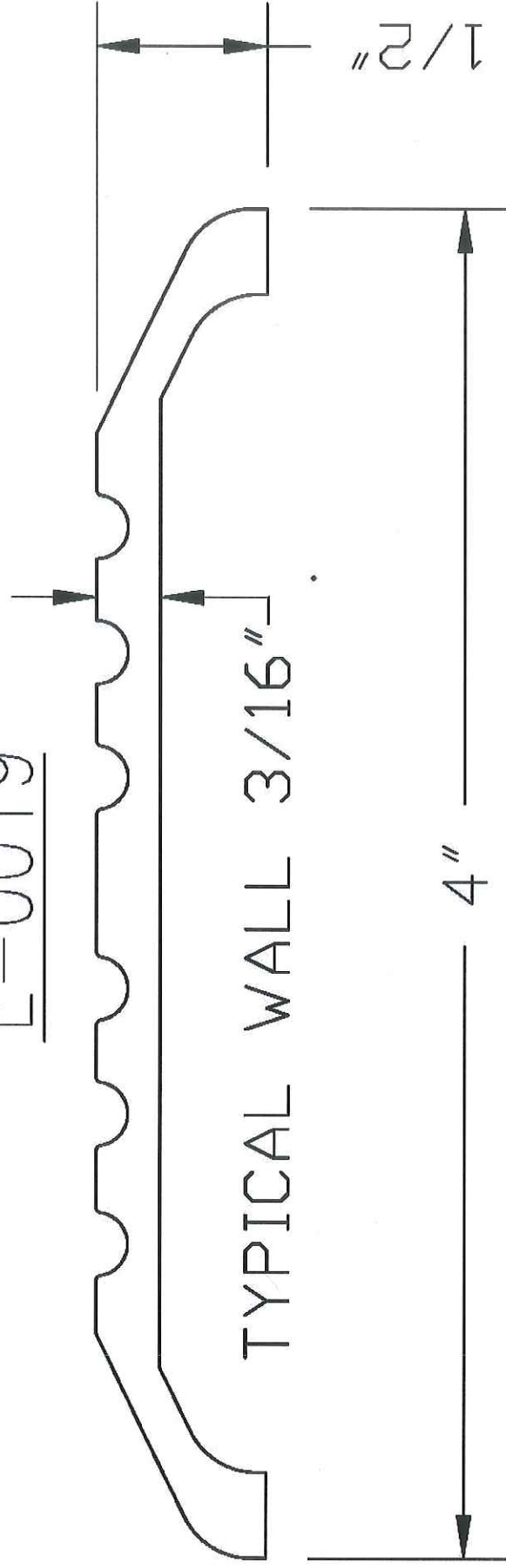


### FG-1250 EXTENDED HOLE FLUSHBOLT GUIDE

- For use with FB-1200 and FB-2200 Flushbolts



E-0019



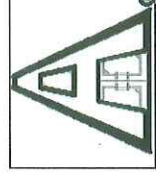
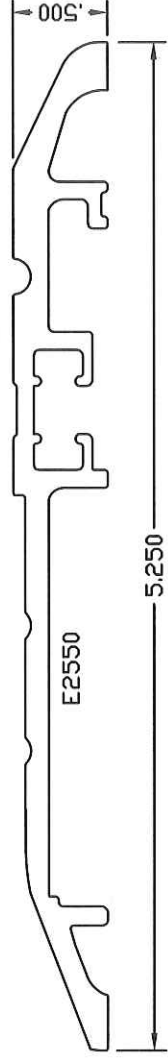
**AROYAN, INC.**

ALUMINUM CURTAINWALL, STOREFRONTS & WINDOWS  
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DATE 01-01-2013



**AROYAN, INC.**

ALUMINUM CURTAINWALL, STOREFRONTS & WINDOWS  
1423 BEDFORD STREET, UNIT 1 ABINGTON, MA 02351  
PHONE (781) 421-3107 FAX (781) 421-3108

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DATE:

DRAWN BY: JRB COMPANY NAME:

JOB NAME:

**TUBELITE**



## POWER SUPPLY

# PSEL1500 SERIES

### DIMENSIONS

8.5"H x 7.5"W x 3.5"D



### PART NUMBERING

## PSEL1500

*NOTE: Wiring methods shall be in accordance with the National Electrical Code/NFPA 70/NFPA 72/ANSI, and with all local codes and authorities having jurisdiction. Product is intended for indoor use only.*

### CONDENSED SPECIFICATION

- PSEL1500 operates one (1) 24VDC panic hardware device
- It is designed to handle the high current surge panic hardware locking devices demand.
- In addition, an auxiliary power output provides power for accessory devices such as card readers, key-pads, REX PIRs, electronic timers, relays, etc.

### CODE & AGENCY LISTINGS

- UL Listed for Access Control System Units (UL 294)
- CSFM - California State Fire Marshal Approved
- MEA-NYC Department of Buildings Approved

### INPUT

- 115VAC 50/60Hz, 3.5 amp
- One (1) N.O. trigger input

### OUTPUTS

- One (1) 24VDC lock output rated up to 16 amp for 200ms, 0.5 amp continuous hold current.\*
- One (1) 24VDC filtered regulated auxiliary output rated @0.5 amp continuous supply current\*

\* *Note: Total combined current for the 24VDC outputs may not exceed 1 amp*

### BATTERY BACKUP

- Built-in charger for sealed lead acid or gel type batteries
- Automatic switch over to stand-by battery when AC fails
- Maximum charge current .3 amp
- When 4AH batteries are used, battery capacity for emergency stand-by is at least a 1/2 hour

### VISUAL INDICATORS

- Green AC Power LED indicates 115VAC present
- Red LED indicates presence of 24VDC

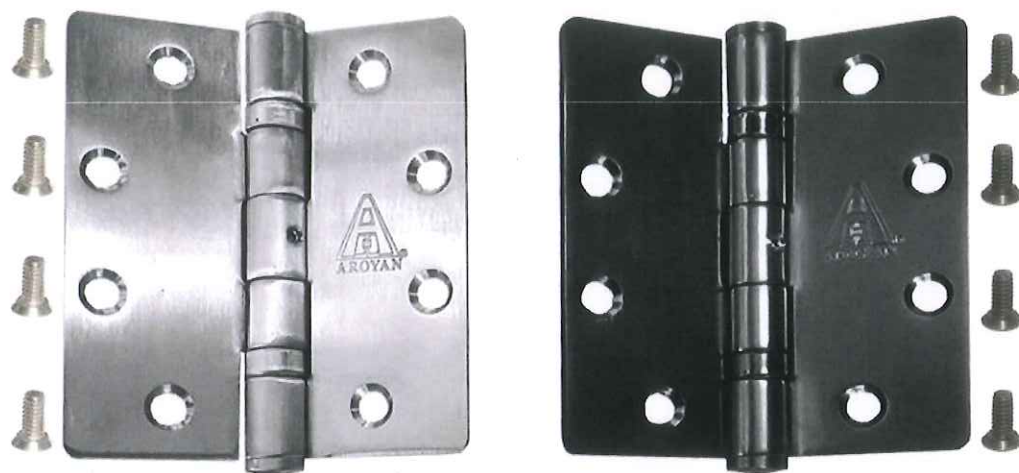
**WARRANTY** (See page 26 for complete warranty information)



# Aroyan Commercial Hardware

Where Quality And Dependability  
Is Our Number One Goal  
That Gives You Peace Of Mind.

## P092A - Full Mortise Butt Hinge



### SPECIFICATIONS:

#### Material:

Stainless Steel  
Stainless Steel With Powder Coat

#### Design / Application:

Ball Bearings For Smooth And Quiet Operation  
Five Knuckle Standard Weight  
Non Removal Pin "NRP" With Hex Head Button Tip And Plug  
Round Corner Design  
For Use On Interior Or Exterior Doors In Hospitals, Schools, Hotels, Churches,  
Airports, Apartment Buildings, Office Buildings, etc.  
Hinges Have A Templated Screw Hole Pattern For Use On Aluminum, Wood,  
And Hollow Metal Doors And Frames

#### Architectural Finishes:

US32D/ 630 -  
Brushed Stainless

314/315 - Extra  
Dark Bronze /  
Black Powder Coat

HINGE SIZE:  
4 1/2" x 4"  
114mm x 102mm

GAUGE OF METAL:  
.134

HOLE COUNT:  
8

SCREW SIZE:  
1/2" x 12-24

COUNTERSINK:  
#12

Aroyan Inc  
1423 Bedford Street, Unit 1  
Abington, MA 02351  
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04/18



PT5

Mortise Mount Power Transfer Loop

Concealed Mortise Mount Power Transfer Loops provide a means of running wires from the frame to doors equipped with electric locks and exit devices.



FEATURES

- SDC Heavy Duty Power Transfer Device
- Concealed Mortise Mount
- UL Listed Miscellaneous Fire Door Accessory, UL 10C Positive Pressure Compliant and UBC 7-2 Fire Test for Door Assemblies Compliant

APPLICATION

Recommended for Use with Hollow Metal and Aluminum Frames.

MODELS

PT-5 Concealed Mortise Mount Power Transfer Loop

SPECIFICATIONS

Dust Box	Frame mortised steel dust box with flexible steel loop (0.35 I.D.) and chrome finish. Recommended for use with hollow metal frames
Dimensions	11.5"H x 1"W x 0.75"D
Weight	0.6 lbs





# Aroyan Commercial Door Trim

Where Quality And Dependability  
Is Our Number One Goal  
That Gives You Peace Of Mind.

## ABF157 - 90° Heavy Duty Solid Offset Door Pull



### SPECIFICATIONS:

#### **Material:**

Solid Aluminum -&- Solid 316 Stainless Steel

#### **Fasteners:**

5/16-18 x 2 1/2" Heavy Duty Thru Bolt & Button Head Cap Screw  
For Door Thickness of 1 3/4" or 2"

#### **Accessibility:**

Recommended for ADA Handicap Accessible Openings

### **Architectural Finishes:**

US28 / 628 -  
Clear Anodized

314 - Extra  
Dark Bronze

US32D / 630  
Satin Stainless

MATERIAL SIZE:  
1" Dia.

CTC:  
10"

OVERALL:  
11"

BASE:  
1"

PROJECTION:  
3 1/4"

CLEARANCE:  
2 1/4"

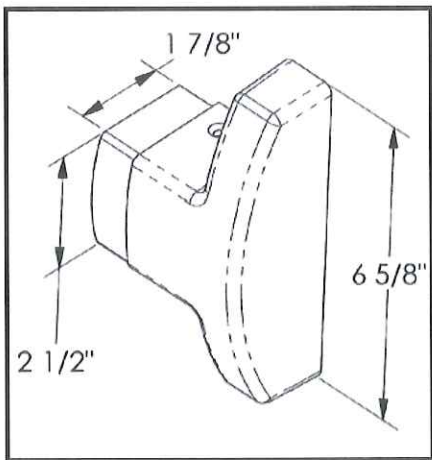
OFFSET:  
3 1/2"

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10/17





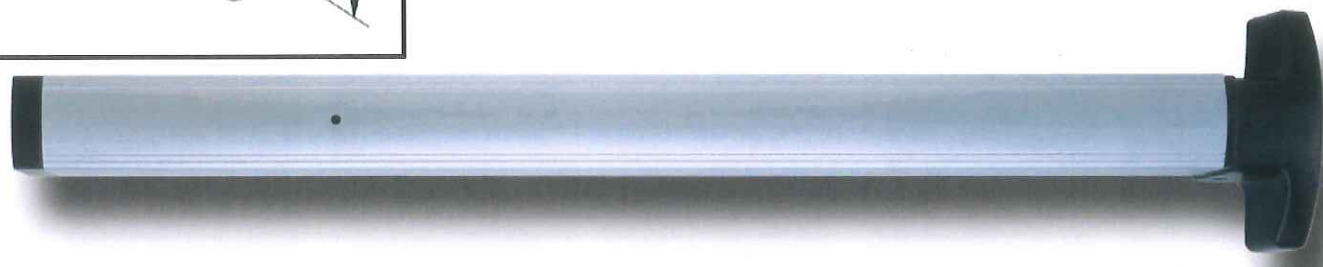
# 3600 SERIES

**CVR**

## CONCEALED VERTICAL ROD EXIT DEVICE

### INSTALLATION/ TECH SPECS

Non-Handed Single Point,  
Quarter Turn Dogging;  
Rotational Top Strike Adjustment;  
1/2" Bottom Latch Bolt Throw



### CODE/AGENCY LISTINGS

- Grade 1 listed under national standard ANSI/BHMA 156.3
- UL File #SA12590 for UL 305
- Impact/Blast\*

### APPLICATIONS

- Schools
- Convention Centers
- Office Buildings
- Churches
- Retail Spaces, Etc.

### DOOR/ or OTHER SIZES

- 30" to 48" Standard
- Door Heights up to 9' Standard
- Custom Sizes Available
- Door Stiles Widths as Narrow as 2"

### DIMENSIONS

- 2 1/2" Push Bar Height
- 3" Projection
- 40 5/8" Centerline Height Typical
- Center Case Cover - 6-5/8" Tall by 1-1/4" Wide

### PRODUCT MATERIALS

- Anodized Aluminum Push Bar and Channel
- Die Cast Aluminum End Caps
- Stainless Steel Strikes
- Steel Latch Bolts
- 3/8" Steel Vertical Rods

### SHIPPING

FOB Our Dock; Shipping Weight Standard 36" with Standard Options-11.4#

### PART NUMBERING

**A/36/B/C-D**

SAMPLE NUMBER  
**EL369236-CL**

### OPTIONS

#### (A) ACCESSORIES

**EL** = Solenoid Driven  
Electric Latch  
Retraction

**MEL** = Motorized Electric  
Latch Retraction

**SW** = Signal Switch

**CD** = Interior Cylinder  
Dogging

**AL** = Alarm

#### (B) FUNCTION

**90** = Exit Only

**92** = Prepped for Ext.  
Key Cylinder

**93** = Prepped for Ext.  
Key Cylinder with  
Cylinder Included

#### (C) SIZE

**30** = 30"

**42** = 42"

**48** = 48"

**XX** = Special

#### (D) FINISH

**CL** = Clear

**BR** = Dark Bronze

**BL** = Black

**SP** = Special

Note: End Caps  
are always  
black enamel

### CONDENSED SPECIFICATION

- Exit Device shall be First Choice series 3600 Concealed Vertical Rod
- Designed for use on aluminum storefront doors only and not intended for wooden doors.
- Narrow Style model utilizing low profile touch bar projecting 3" from face of door.
- Device shall use 3/8" steel vertical rods with steel latch bolts engaging stainless steel strikes to lock at two points in the opening.
- 3600 series devices can be resized in the field (for assistance call 800-793-4544)

**WARRANTY** (See page 26 for complete warranty information)

\* Devices approved for Blast and Impact are part of the complete entrance system as provided by the door manufacturer. Consult your door supplier for approved models.