



## GENERAL INFORMATION

### JACKSON CORPORATION

3447 Union Pacific Ave.  
Los Angeles, CA 90023  
www.jacksonexit.com



#### Customer Service

Phone: 877-394-8338  
Fax: 800-888-6855  
E-mail: customerservice@jacksonexit.com

#### Technical Support

Phone: 877-394-8338  
Fax: 800-888-6855  
E-mail: customerservice@jacksonexit.com

#### Sales

Phone: 877-394-8338  
Fax: 800-888-6855  
E-mail: customerservice@jacksonexit.com

#### Administration

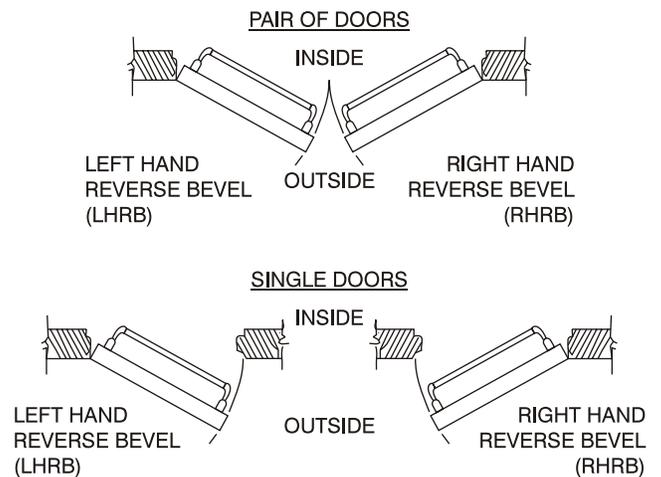
Phone: 323-269-8111  
Fax: 323-269-1872  
E-mail: jacksoncorp@jacksonexit.com

#### International

Jackson International  
P.O. Box 62  
Wednesbury, West Midlands  
United Kingdom Ws109JA  
Phone: 44-121-568-2111  
Fax: 44-121-568-2113

<b>STANDARD FINISHES</b>	
<b>FINISH</b>	<b>DESCRIPTION</b>
US28 / 628	Satin Aluminum
US3 / 605	Bright Brass
US10 / 612	Satin Bronze
US10B / 613	Oil-Rubbed Bronze
US15 / 646	Satin Nickel Plated
US26 / 625	Bright Chrome Plated
US26D / 626	Satin Chrome Plated
US32 / 629	Bright Stainless
US32D / 630	Satin Stainless
DBZ 313	Dark Bronze
BLK 335	Satin Black
EP	Plated Finish
SP	Painted Finish

#### DOOR HANDING



The **hand** of doors is determined from the **outside** or **lock side** of the door to which it is applied.

If standing outside and the door **opens toward** you, it is a **reverse bevel** door.

## STANDARD TERMS AND CONDITIONS OF SALE

All sales by Jackson Corporation of the items in this price list (as well as all "custom" variations) are made pursuant to these Standard Terms and Conditions of Sale. We will not be bound by the terms and conditions stated in a customer's purchase order to the extent that the purchase order attempts to modify or supplement in any way any of these Standard Terms and Conditions.

### FREIGHT AND DELIVERY POLICIES:

All sales are F.O.B. our facility.

Claims for shortage or damage must be made directly to the carrier no later than five (5) days from the date of arrival of a shipment. All shipment and delivery dates in an acknowledgement are estimates only. We are not liable for air freight or any other charges, losses or damages if goods are not shipped on the estimated date.

### TERMS AND PRICES

There shall be a minimum charge of \$250.00 net per invoice.

All prices are subject to all federal and state taxes of any kind where applicable.

1% 10 days, net 30 days from date of invoice. Date of invoice shall be date of shipment. Past due accounts are subject to a service charge equal to 1-1/2% per month, but in no event higher than the maximum rate (if any) permitted by applicable law. In addition to such service charges, costs and expenses associated with collection of past due amounts, including attorney's fees, shall be added to amounts past due.

We reserve the right to invoice all orders at prices in effect at time of shipment. All prices are subject to change or withdrawal without notice.

### ORDER CANCELLATION TERMS AND CHARGES

Cancellation of standard orders will be accepted only if made in writing and received one week prior to shipment of order. Special or custom orders may not be canceled after 3 days following date of acknowledgement. A cancellation charge up to the price of the product will be made on any special or custom made items if same are not cancelled after such 3-day period.

### RETURNS POLICY

All sales are final. However, in some cases returns may be allowed. Products will not be accepted for return without our written approval and unless accompanied by a properly authorized "Return Goods Authorization" from us. Return freight must be prepaid. Non-special or non-custom products accepted for return will be issued a credit at the price invoiced, from which will be deducted the expense for return transportation (if not prepaid). All returns are subject to a minimum restocking charge of 25% of the invoice price.

Special or custom made products including units that are modified from standard units cannot be returned for cash, credit or exchange.

### TEMPLATES

Specific templates will be furnished upon request, or may be obtained from [www.jacksonexit.com](http://www.jacksonexit.com). In no event shall we be liable for any damages if latest templates are not used. Templates pertaining to products in this catalog are accurate at time of printing. Templates are subject to change without notice.

### SHOP DRAWINGS

A nominal charge will be made for drawings of special items.

## WARRANTY; EXCLUSIVE REMEDY; DISCLAIMER

We warrant to our customers that our door closer products shall be free from defects in material and workmanship for a period of five (5) years, or as otherwise noted, from the date of original shipment to our customers. All other door control products are warranted to be free from defects in material and workmanship for a period of one (1) year, or as otherwise noted. Any warranty claim must be asserted within the applicable warranty period, thereafter the claim will not be honored. The exclusive remedy against us for a warranty claim or otherwise shall be limited to repair or replacement of the product shown to have been defective and returned (at customer's cost) to us or an authorized service center. Abuse, misuse or improper installation voids this warranty as well as the exclusive remedy. Our sole and maximum liability for a defective product shall never exceed the cost of the subject product. Except for such warranty and exclusive remedy as stated, WE DISCLAIM ALL OTHER WARRANTIES WITH RESPECT TO OUR PRODUCTS, WHETHER EXPRESS OR IMPLIED (EXCEPT FOR THE EXPRESS WARRANTY OF TITLE), AND WE SPECIFICALLY DISCLAIM THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Some products are manufactured by companies other than us and in countries other than the United States and the warranties offered by those manufacturers apply.

In no event shall we be liable to the customer in warranty, contract, strict liability or otherwise for any damages alleged to be caused by one or more of our products beyond the cost to the customer of the subject product or products, refund of the purchase price being the customer's sole and exclusive remedy against us upon proof of any alleged claim. Incidental or consequential damages, including labor costs relating to installation or removal, shall not be our liability regardless of whether we knew or should have known of any general or particular requirements for our products and the customer shall not have any remedy against us for such damages, the sole and exclusive remedy for a proven claim having been stated above. We shall have no liability whatsoever for incidental, indirect, special or consequential damages of any kind.

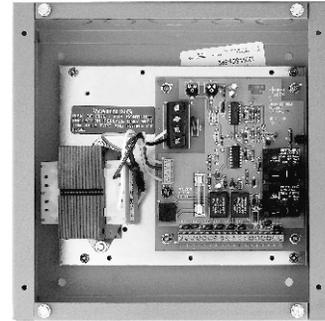
The customer is responsible for determining the suitability of our products for the customer's use or resale, or for incorporating them into objects or for applications which the customer designs, assembles, constructs or manufactures.



## ELECTRIFIED 20 SERIES EXIT DEVICE



2085 EL  
2086 EL  
2095 EL



Power Supply  
#30-2616

### TECHNICAL INFORMATION

#### APPLICATION

- Aluminum or Hollow Metal Doors.

#### FEATURES

- Fail-secure operation
- Remote locking and unlocking capability
- Solenoid operated latch retraction
- Adjust for brief or extended unlocking periods (to replace manual dogging)
- Ideal for after hour card access, automatic fire alarm systems, automatic doors, etc.
- For information on standard 20 series features, see page B-8
- 10 Amp Inrush Power Supply Regulator.
- 24 Volt DC continuous duty solenoid.
- Jackson power supply recommended (30-2616)

#### MATERIALS

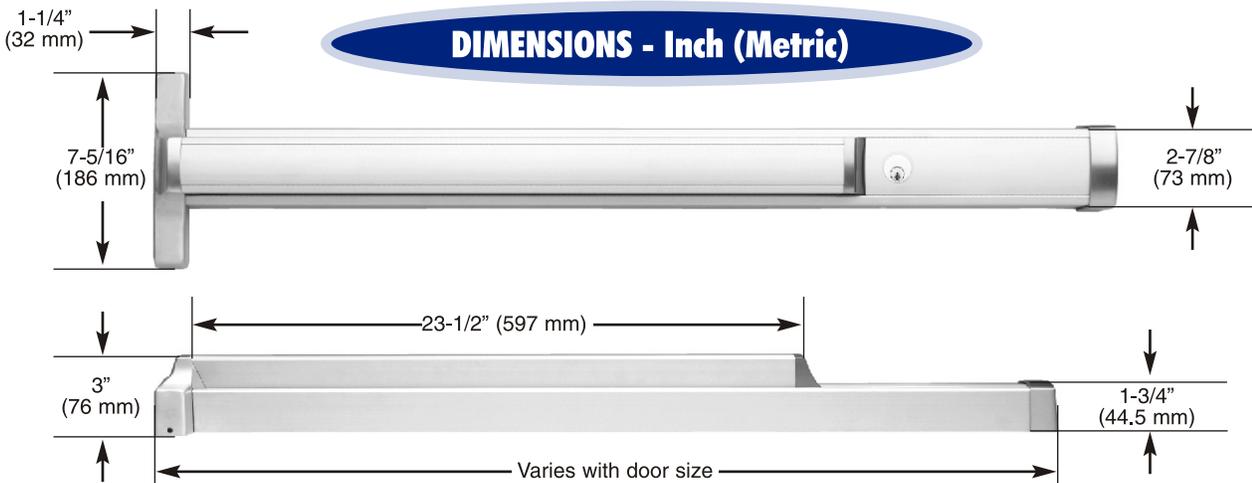
- Base Extrusion . . . . . Extruded Aluminum
- Push Pad . . . . . Extruded Aluminum
- Active Housing & End Caps . . . Die Cast Aluminum
- Mechanical Components . . . . . Stainless & Hardened Steel
- Top and Bottom Bolts . . . . . Plated Hardened Steel
- Top & Rim Latch . . . . . Sintered Steel
- Strikes . . . . . Sintered Steel

#### FINISH

- Standard Anodized Finish: DBZ 313 - Dark Bronze
- US28/628 - Satin Aluminum
- Standard Architectural Finish: US26/625 - Polished Chrome
- US3/605 - Polished Brass

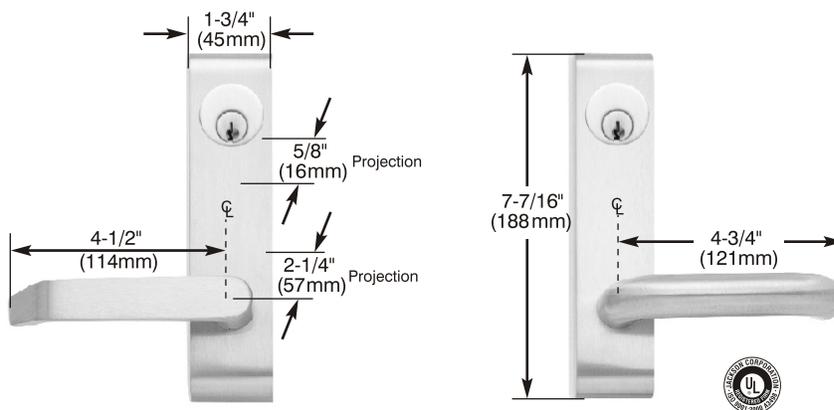
#### WIRING RUN-DO NOT EXCEED MAXIMUM LENGTH

- 16 AWG.....40 FEET
- 14 AWG..... 60 FEET
- 12 AWG.....100 FEET





## ELECTRIFIED OUTSIDE TRIM



### TECHNICAL INFORMATION

#### APPLICATIONS

- Key controlled outside trim is available for use with all Jackson Exit Devices. **(Excludes 1095)**
- Product is shipped for use with standard 1-3/4" (45mm) Thick Doors - 2" (51mm) Door Mounting is optional.

#### FEATURES

- Uses standard cylinder (Supplied by Others)  
CVR Device: 1" (25mm) Mortise cylinder with MS type cam.  
Rim Devices: 1" (25mm) Mortise cylinder with MS type cam.
- Non-Handed
- Thru-bolted with machine screws
- Available Trim Configuration:
  - Lever - Flat Style
  - Lever - Rounded
  - Matching Inactive Dummy Trim
- Electrified Trim (24 Volts, AC/DC)

#### MATERIALS

Escutcheon..... Extruded Aluminum  
Lever ..... Aluminum  
Mechanical Components..... Plated Hardened Steel

#### FINISH

Standard Finished:  
DBZ 313 - Anodized Dark Bronze  
US28/628 - Anodized Satin Aluminum

#### ELECTRIC TRIM SPECIFICATIONS

TEMPLATE: Same as our Mechanical Trim  
SOLENOID: Continuous Duty.....24 VDC  
Current inrush requirements. (Approx. 0.25 Milliseconds) 0.25 amps.  
Continuous holding (Approx. 300 milliamps) 0.30 amps.

#### WIRING RUN-DO NOT EXCEED MAXIMUM LENGTH

16 AWG.....80 FEET  
14 AWG.....100 FEET  
12 AWG.....120 FEET

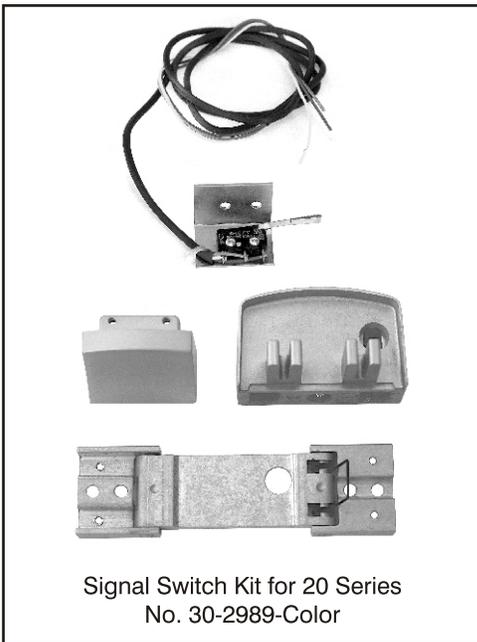
PART #	FOR USE WITH MODEL
7500 EL-01 - Round	1275
7500 EL-02 - Flat	1275
8500 EL-01 - Round	12850, 2085, 2080
8500 EL-02 - Flat	12850, 2085, 2080
9500 EL-01 - Round	1295
9500 EL-02 - Flat	2095



## ACCESSORIES



Signal Switch Kit for 1200 Series  
No. 30-2861



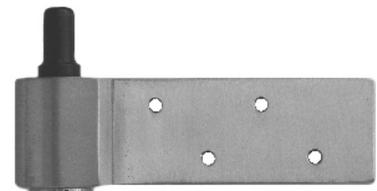
Signal Switch Kit for 20 Series  
No. 30-2989-Color

## ELECTRIC STRIKE



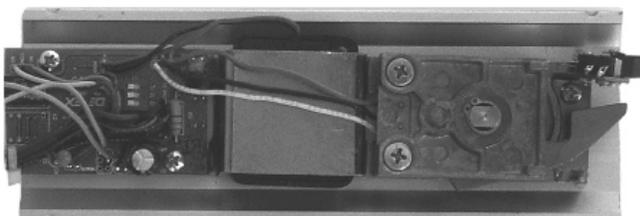
No. 31-ES95-628  
No. 31-ES95-313

## 4 Wired Pivot



J-69 No. 40-1468E-628  
J-69 No. 40-1468E-313  
J-69S No. 40-1468SE-628  
J-69S No. 40-1468SE-313

## Alarm Unit-1200ALK



For use with 1285/1295



## 10 SERIES EXIT DEVICE



Jackson's 10 Series Exit Device is universally recognized as the standard for aluminum storefront hardware. This crossbar device was designed with simplicity in mind, yet it will provide many years of smooth, reliable operation. Available in both a Rim and Concealed Vertical Rod version this device is suitable for use with narrow, medium and wide stile doors. The 10 Series Exit Device is the perfect solution when considering a reliable, maintenance free Exit Device.

### TECHNICAL INFORMATION

#### FEATURES

- Available as Rim and Concealed Vertical Rod.
- Contoured Crossbar
- Available with Push Paddle operation on active side
  - Paddle engraved with "PUSH"
- Extra heavy-duty lever arms and body
- Wear points insulated by nylon sleeves and rollers
- Dual dogging feature
  - By outside cylinder
  - By dogging pins beneath housing
- Concealed fastening for added security
- Easy installation
- UL Listed for Panic Hardware

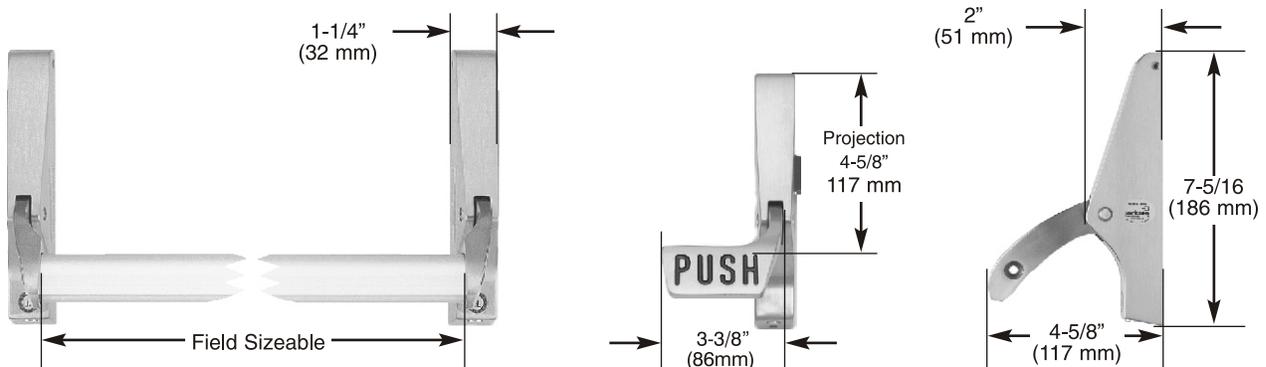
#### MATERIALS

Body and Arm	High Tensile Strength Aluminum
Paddle	High Tensile Strength Aluminum
Crossbar	Extruded Aluminum
Mechanical Components	Stainless and Plated Steel
Top and Bottom Bolts	Plated Hardened Steel
Rim Latch	Sintered Steel
Strikes	Sintered Steel

#### FINISH

Standard Anodized Finish:	
Dark Bronze	- DBZ 313
Satin Black	- BLK 335
Satin Aluminum	- US28 / 628

### DIMENSIONS - Inch (Metric)





## 10 SERIES EXIT DEVICE

### 1085 CONCEALED VERTICAL ROD



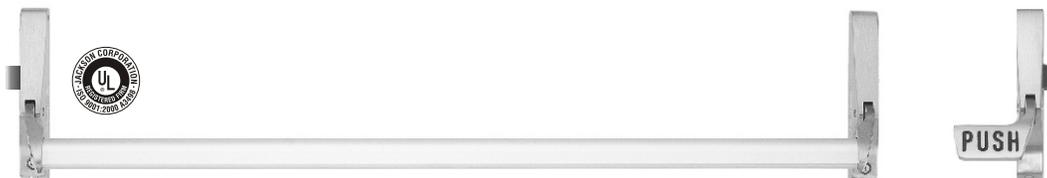
#### APPLICATION:

- 1-3/4" (44.5 mm) Narrow, Medium and Wide Stile Aluminum Doors.
- Product is shipped for use with standard 1-3/4" (44.5 mm) Thick Doors - 2" (51 mm) Door Mounting is optional

#### FEATURES:

- Non-Handed
- Independent top and bottom bolt action - 1/2" (13 mm) bolt throw.
- Trigger action, positive bolt release
- Adjustable bolt guides allow bolt adjustment with door installed.
- Requires No. 30-821J Cylinder mounting pad when using mortise cylinder for keyed entry.
- Uses standard mortise cylinder with maximum security (MS) type cam. (Supplied by Others)
- Foam rubber silencers to quiet rod operation.
- Standard mounting package consists of machine screw type fasteners.
- Crossbar mounting height 36-1/2" from bottom of door.
- Rod length shipped standard for 7/0 (2134 mm) high doors. For doors over 7/0 (2134 mm) High:
  - Top Rod Extender - 12" (305 mm) . . . . . No. 30-1347
  - Top Rod Extender - 24" (609 mm) . . . . . No. 30-1348
- Top & Bottom Bolt . . . . . No. 30-763P
- Top & Bottom Strikes . . . . . No. 30-1084

### 1095 RIM EXIT DEVICE



#### APPLICATION:

- Aluminum, wood or hollow metal Doors.
- Product is shipped for use with aluminum or hollow metal doors - Wood door mounting is optional.

#### FEATURES:

- Handed - Not Reversible
- Uses standard rim cylinder for keyed entry - mounting pad not necessary. (Cylinder supplied by others)
- Dual function operation - Field Selectable:
  - Standard - Key removable in unlocked position
  - Optional - Night Latch function
  - Optional - (Key removable in locked position only)
- Adjustable Strike Options:
  - Surface Mounted Strike:
    - Type "C" (Standard) . . . No. 30-2436
  - Surface Mounted for use with Applied or Blade Stop:
    - Type "S" . . . . . No. 30-2501



# 10 SERIES EXIT DEVICE

## ACCESSORIES



For Doors Over 7/0 (2134 mm) High:  
Top Rod Extender - 12" (305 mm) . . . No. 30-1347  
Top Rod Extender - 24" (609 mm) . . . No. 30-1348

Top & Bottom Bolt - 1085

No. 30-763P



Mortise Cylinder  
Mounting Pad

No. 30-821J

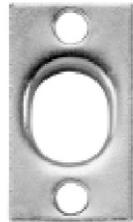


Adjustable  
Top & Bottom  
bolt guides

Top = No. 30-934  
Bottom = No. 30-320

Top & Bottom  
Strikes - 2086

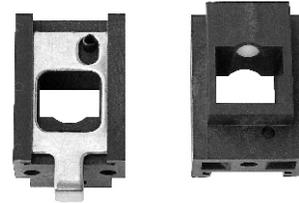
No. 30-1084



Bottom



Top



Top Bolt Trip

No. 30-824



### Rim Strike Options - 1095

Surface Mounted  
Strike - Type "C" (Standard)

No. 30-2436



Surface Mounted for use with  
applied or blade stop - Type "S"

No. 30-2501



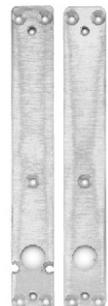
Concealed Vertical  
Rod Silencers

No. 30-1552



Wood Door Mounting Kit  
for 1095 Rim Device

No. 30-894





## 1200 SERIES EXIT DEVICE



Jackson's 1200 Series Exit device blends the reliability of our time-proven 10 Series crossbar device with the sleek, contemporary style of today's push-pad exit device. Available as both a Rim and Concealed Vertical Rod Device, the 1200 Series is designed to be both aesthetically pleasing and provide years of reliable, maintenance free operation.

### TECHNICAL INFORMATION

#### FEATURES

- Available as Rim and Concealed Vertical Rod devices.
- "Soft Touch" smooth action push pad.
- Easy access dogging system.
- Optional Cylinder Dogging.
- Available with key controlled and matching inactive outside trim.
- Durable external and internal components for long lasting dependable service.
- Easy to retrofit existing Jackson 10 Series CVR devices.
- Quick and simple installation
- Field sizeable.
- Audible Alarm Package available
- Optional Signage Push Pad for custom messaging.

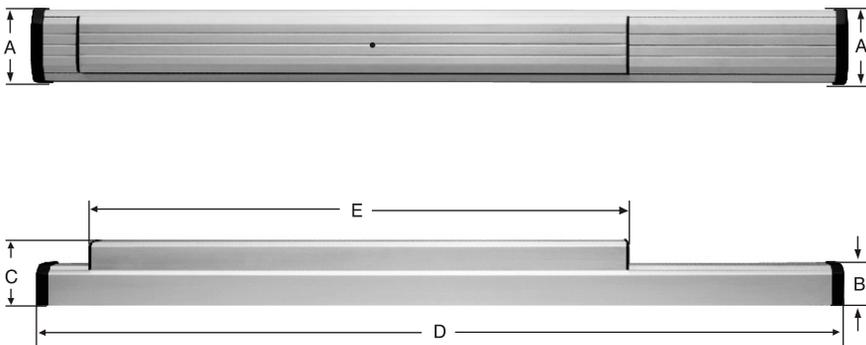
#### MATERIALS

- Base Extrusion.....Extruded Aluminum
- Push Pad.....Extruded Aluminum
- End Caps.....Black High-impact thermoplastic
- Mechanical Components.Steel
- Top and Bottom Bolts.....Steel
- Rim Latch.....Sintered Steel
- Strikes.....Sintered Steel

#### FINISH

- Standard Anodized Finish: DBZ 313 - Dark Bronze
- US28/628 - Satin Aluminum

### DIMENSIONS - Inch (Metric)



Description	inches	mm
A = Base Height	3-3/16	81
B = Base Projection	1-9/16	40
C = Overall Projection	2-13/16	71
D = Overall Length	Varies with door size	
E = Touch Pad Length	3/0 =24	610
	4/0-2 =24	610



## 1200 SERIES EXIT DEVICE



### 1285 CONCEALED VERTICAL ROD

#### APPLICATION

- Narrow 1-3/4" (45 mm), Medium and Wide Stile Aluminum Doors.
- Product is shipped for use with standard 1-3/4" (45 mm) Thick Doors - 2" (51 mm) Door Mounting is optional.

#### FEATURES

- Concealed Vertical Rod features top and bottom bolt design.
- Independent top and bottom bolt action 5/8" (15 mm) bolt throw.
- Trigger action, positive bolt throw.
- Adjustable bolt guides allow bolt adjustment with door installed.
- Handed – Not Reversible.
- Requires No. 30-821J Cylinder mounting pad when using mortise cylinder for keyed entry.

- Uses standard mortise cylinder with maximum security (MS) type cam. (Supplied by Others)
- Foam rubber washers to help quiet rod operation.
- Standard mounting package consists of machine screw type fasteners.
- Pushpad Center Line mounting height = 40" (1016 mm) from door bottom.
- Rod length shipped standard for 7/0 (2134 mm) high doors. For doors over 7/0 (2134 mm) High:
  - Top Rod Extender - 12" (305 mm). . . . .No. 30-1347
  - Top Rod Extender - 24" (609 mm). . . . .No. 30-1348
- Top & Bottom Bolt . . . . . No. 30-763P
- Top & Bottom Strikes . . . . .No. 30-1084

### 1295 RIM EXIT DEVICE



#### APPLICATION

- Aluminum, Wood or Hollow Metal Doors.

#### FEATURES

- Rim device features 3/4" (19 mm) throw latchbolt.
- Non-Handed
- Uses standard rim cylinder for keyed entry - mounting pad not necessary. (Cylinder supplied by Others)
- Strike Options:
  - Surface Mounted Strike - Type "C" (Standard) . . . . .No. 30-2436
  - Surface Mounted for use with applied or blade stop - Type "S" . . . . . No. 30-2501
  - Strike Plate for 1-3/4" (45 mm) Stile Doors or Mortised Strike . . . . . No. 30-2519
- Field Sizeable.
  - Door Widths: 28 - 48 Inches (711 - 1219 mm)
  - Door Heights: 1275 - 80 Inches (2032 mm) - 120 Inches (3048 mm)



## 1200 SERIES EXIT DEVICE



### 1206 MID PANEL

#### APPLICATION

- For 1-3/4" (44.5mm) Narrow, Medium and Wide Stile Aluminum Doors.
- Product is shipped for use with standard 1-3/4" (44.5 mm) Thick Doors - 2" (51 mm) Door Mounting is optional

#### FEATURES

- Handed - Not Reversible
- Available with Top Pullman Latch Design
- Concealed fastening for complete security
- Standard hex key dogging
- Dual dogging feature
  - By outside cylinder
  - By standard hex key dogging Outside Trim.
- Minimum pressure anywhere along push pad will activate device.
- Push pad mounting height centerline at 40" from bottom of door.
- UL listed for Panic Hardware

#### MATERIALS

- Base Extrusion.....Extruded Aluminum
- Filler Panel..... Extruded Aluminum
- Push Pad.....Extruded Aluminum
- Mechanical Components Stainless & Hardened Steel
- Top Latch.....Sintered Steel
- Strikes.....Steel

#### FINISH

- Standard Anodized Finish: DBZ 313 - Dark Bronze
- US28/628 - Satin Aluminum



### 1275 SURFACE VERTICAL ROD



#### APPLICATION

- The 1275 model is an Surface Vertical Rod device suitable for wood or Metal Doors.

#### FEATURES

- Non-Handed
- Field Sizeable.
  - Door Widths: 28 - 48 Inches (711 - 1219 mm)
  - Door Heights: 1275 - 80 Inches (2032 mm) - 120 Inches (3048 mm)
- Touchbar mounting height centerline at 40 Inches (1016 mm) from bottom of door.
- Completely covered active surface rods for increased security.
- Top Latch & Strike - A specially engineered Jackson C-Top Latch and latch-mating strikes designed for increased safety and security.
- Bottom Latch & Strike - designed to use a pullman-type bottom latch and appropriate strike.



# 1200 SERIES EXIT DEVICE

## ACCESSORIES



For Doors Over 7'0 (2134 mm) High:  
Top Rod Extender - 12" (305 mm) . . . No. 30-1347  
Top Rod Extender - 24" (609 mm) . . . No. 30-1348

Top & Bottom Bolt -1285  
No. 30-763P

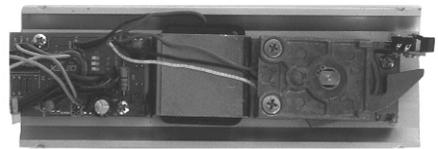


Mortise Cylinder  
Mounting Pad



No. 30-821J

Alarm Unit  
No. 30-2170



Top & Bottom Strikes - 1285  
No. 30-1084



Bottom



Top

Signal Switch Kit No. 30-2861



Adjustable  
Top & Bottom  
bolt guides



Top = No. 30-934  
Bottom = No. 30-320

### Rim Strike Options - 1295

Surface Mounted  
Strike - Type "C" (Standard)

No. 30-2436



Surface Mounted  
for use with applied or  
blade stop - Type "S"

No. 30-2501



Strike Plate for Mortise  
Strike - Type "A"

No. 30-2519



Top Bolt Trip 2086

No. 30-824



Concealed Vertical  
Rod Silencers

No. 30-1552



10 Series to 12 Series  
Retrofit Kit  
No. 30-2513



## 20 SERIES EXIT DEVICE



Jackson's 20 Series Exit device is designed to withstand the rigors of today's world yet remain aesthetically pleasing. Each part is manufactured from the highest quality materials, which are hand fitted and adjusted for a smooth, whisper quiet operation. Available in both a Rim and Concealed Vertical Rod models, this device is suitable for use with narrow, medium and wide stile aluminum, wood or hollow metal doors.

### TECHNICAL INFORMATION

#### FEATURES

- Handed - Not Reversible
- Available as Rim and Concealed Vertical Rod.
- Certified ANSI 156.3 Grade 1.
- Concealed Vertical Rod model is available with either Top Bolt or Top Latch design.
- Available with Key Controlled and matching inactive dummy trim.
- Concealed easy to use dogging system
- Optional Front Dogging or Cylinder Dogging available
- Concealed fastening for added security
- "Soft Touch" smooth action push pad
- Durable external and internal components for long lasting, dependable service.
- Quick and easy installation
- UL Listed for Panic Hardware
- Trim available for the 20 Series

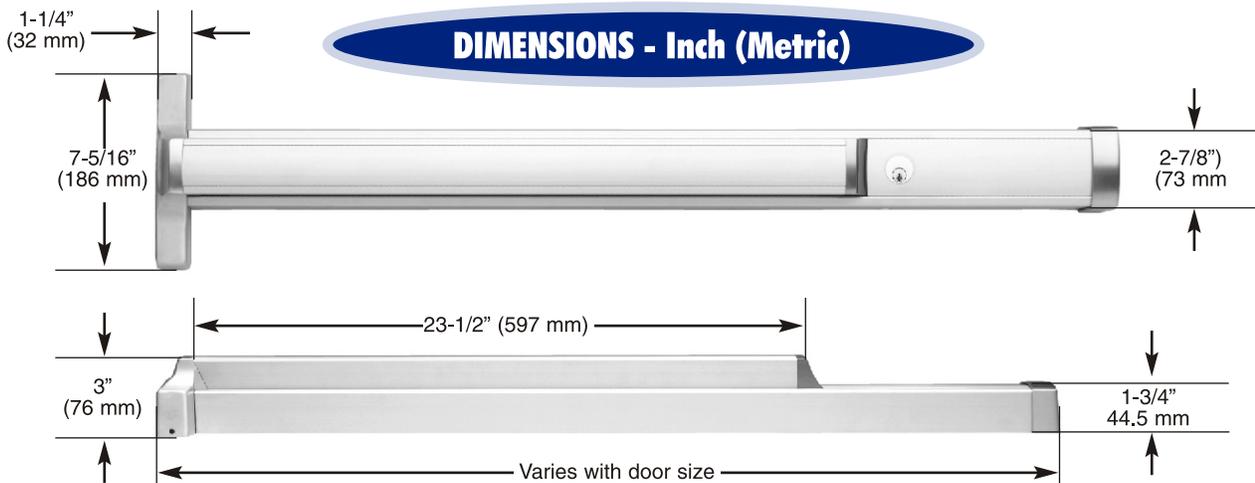
#### MATERIALS

Base Extrusion	Extruded Aluminum
Push Pad	Extruded Aluminum
Active Housing & End Caps	Die Cast Aluminum
Mechanical Components	Stainless & Hardened Steel
Top and Bottom Bolts	Plated Hardened Steel
Top & Rim Latch	Sintered Steel
Strikes	Sintered Steel

#### FINISH

Standard Anodized Finish:	DBZ 313 - Dark Bronze
	US28/628 - Satin Aluminum
Standard Architectural Finish:	US26/625 - Polished Chrome
	US3/605 - Polished Brass

### DIMENSIONS - Inch (Metric)





## 20 SERIES EXIT DEVICE

### 2085 & 2086 CONCEALED VERTICAL ROD



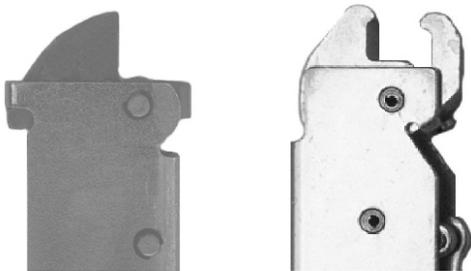
#### APPLICATION

- 1-3/4" (45 mm) Narrow , Medium and Wide Stile Aluminum Doors.
- Product is shipped for use with standard 1-3/4" (45 mm) Thick Doors - 2" (51 mm) Door Mounting is optional.

#### FEATURES

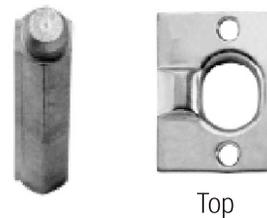
- Handed - Not Reversible
- Adjustable bolt guides allow bolt adjustment with door installed.
- Requires No. 30-821J Cylinder mounting pad when using mortise cylinder for keyed entry.
- Uses standard mortise cylinder with maximum security (MS) type cam. (Supplied by Others)
- Foam rubber silencers to quiet rod operation.
- Standard mounting package consists of machine screw type fasteners.
- Touchbar mounting height centerline at 38" (965 mm) from bottom of door.

### 2085 TOP LATCH



- Positive locking, spring loaded top latch design for increased security.
- Rod length shipped standard for 7/0 (2134 mm) high doors.  
For doors over 7/0 (2134 mm) High:
  - Top Rod Extender - 12" (305 mm) . . . . . No. 30-1347
  - Top Rod Extender - 24" (609 mm) . . . . . No. 30-1348
- Top Strike . . . . . No. 30-1305
- Bottom Bolt . . . . . No. 30-763P
- Bottom Strike . . . . . No. 30-412
- Pullman Latch (Optional) . . . . . No. 30-2770

### 2086 TOP BOLT



- Independent top and bottom bolt action - 1/2" (13 mm) bolt throw.
- Trigger action, positive bolt release
- Rod length shipped standard for 7/0 (2134 mm) high doors.  
For doors over 7/0 (2134 mm) High:
  - Top Rod Extender - 12" (305 mm) . . . . . No. 30-1347
  - Top Rod Extender - 24" (609 mm) . . . . . No. 30-1348
- Top & Bottom Bolt . . . . . No. 30-763P
- Top & Bottom Strikes . . . . . No. 30-1084



## 20 SERIES EXIT DEVICE

### 2095 RIM EXIT DEVICE



#### APPLICATION

- Aluminum, Wood or Hollow Metal Doors.

#### FEATURES

- Uses standard rim cylinder for keyed entry - mounting pad not necessary. (Cylinder supplied by others).
- 3/4" (19 mm) Throw Deadlocking Latchbolt.
- Standard mounting package consists of machine screw type fasteners - Optional Wood Door Mounting Kit No. 30-2521
- Adjustable Strike Options:
 

Surface Mounted Strike:	Type "C" (Standard).....No. 30-2436
Surface Mounted for use with Applied or Blade Stop:	Type "S" .....No. 30-2501

Surface Mounted  
Strike - Type "C" (Standard)

No. 30-2436



Surface Mounted  
for use with applied or  
blade stop - Type "S"

No. 30-2501



See **Access Control** section for more options.



## 20 SERIES EXIT DEVICE

### ACCESSORIES



For Doors Over 7/0 (2134 mm) High w/Top Bolt (2086):  
Top Rod Extender - 12" (305 mm) . . . No. 30-1347  
Top Rod Extender - 24" (609 mm) . . . No. 30-1348

Top & Bottom Bolt

No. 30-763P



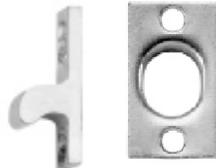
Mortise Cylinder  
Mounting Pad

No. 30-821J

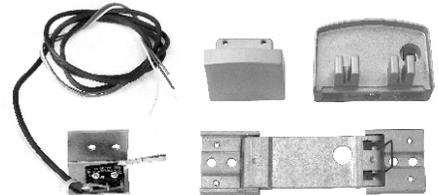


Top & Bottom  
Strikes - 2085:

No. 30-1345

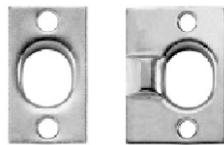


Signal Switch  
No. 30-2989



Top & Bottom  
Strikes - 2086

No. 30-1084

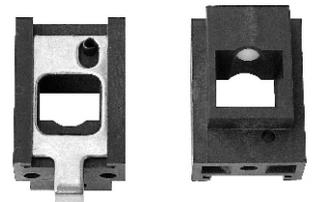


Bottom

Top

Adjustable  
Top & Bottom  
bolt guides

Top = No. 30-934  
Bottom = No. 30-321



#### Rim Strike Options - 2095

Surface Mounted  
Strike - Type "C" (Standard)

No. 30-2436



Surface Mounted  
for use with Applied or  
Blade stop - Type "S"

No. 30-2501



Concealed Vertical  
Rod Silencers

No. 30-1552



Top Bolt Trip

No. 30-824



Wood Door Mounting Kit  
for 2095 Rim Device

No. 30-2521





## 3100 SERIES MID-PANEL EXIT DEVICE



Jackson's 3100 Series Mid-Panel Exit Device is designed as a non-protruding push-pad exit device providing maximum clearance while maintaining an aesthetically pleasing look. Developed in the Jackson tradition of high quality and durability, this exit device is suitable for use with narrow, medium and wide stile aluminum doors.

### TECHNICAL INFORMATION

#### APPLICATION

- For 1-3/4" (44.5mm) Narrow, Medium and Wide Stile Aluminum Doors.
- Product is shipped for use with standard 1-3/4" (44.5 mm) Thick Doors - 2" (51 mm) Door Mounting is optional

#### FEATURES

- Handed - Not Reversible
- Available with Pullman Top Latch Design
- Concealed fastening for complete security
- Standard hex key dogging
- Dual dogging feature
  - By outside cylinder
  - By standard hex key dogging
- Minimum pressure anywhere along push pad will activate device.
- Push pad mounting height centerline at 38" from bottom of door.
- UL listed for Panic Hardware

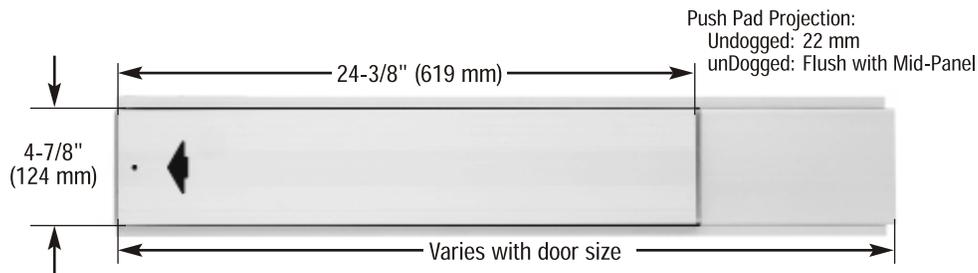
#### MATERIALS

- Base Extrusion.....Extruded Aluminum
- Filler Panel..... Extruded Aluminum
- Push Pad.....Extruded Aluminum
- Mechanical Components Stainless & Hardened Steel
- Bottom Bolt.....Plated Hardened Steel
- Pullman Top Latch.....Sintered Steel
- Strikes.....Steel

#### FINISH

- Standard Anodized Finish: DBZ 313 - Dark Bronze
- US28/628 - Satin Aluminum

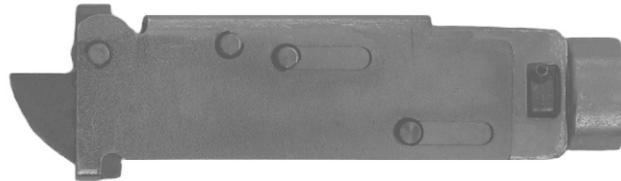
### DIMENSIONS





## 3100 SERIES MID-PANEL EXIT DEVICE

### 3185 TOP LATCH



PAT. PENDING

- Positive locking, spring loaded, Pullman top latch design for increased security.
- Adjustable bottom bolt guide for easy bolt adjustment with door installed.
- Foam rubber silencers to quiet rod operation.
- Cylinder Mounting Pads for keyed entry or Lever Trim. (Cylinder provided by others)  
Mortise cylinder Mounting Pad No. 30-821B is required.

### OPTIONS

#### • ENGRAVED PUSH PAD - "PUSH"

Model No. 3185P or 3186P

#### • INACTIVE MID-PANEL DEVICE

Model No. 3185D

Plain Push Pad - No Engraving

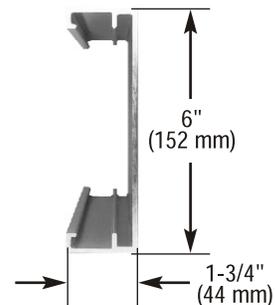


#### MID-PANEL INSTALLATION KITS

##### 3058 EXTRUSION AND FILLER PANEL - STOCK LENGTHS

Kit includes pre-cut Base Extrusion and Filler Panel necessary to install 3185 and 3186 Mid-Panel Exit Device

3/0 Kit for door width thru 36" (1914 mm) No. 3058-3  
 3/6 Kit for door width thru 42" (1067 mm) No. 3058-36  
 4/0 Kit for door width thru 48" (1219 mm) No. 3058 4



##### 3050 BASE EXTRUSION - STOCK LENGTH

Base Extrusion only: 11'-4" (345.5 cm) Stock Length

##### 3052 FILLER PANEL EXTRUSION - STOCK LENGTH

Filler Panel Extrusion Only: 11'-4" (345.5 cm) Stock Length





## 3100 SERIES MID-PANEL EXIT DEVICE

### ACCESSORIES

For Doors Over 7/0 (2134 mm) High:

For Top Bolt - 3185:

Top Rod Extender - 12" (305 mm) No. 30-1347

Top Rod Extender - 24" (609 mm) No. 30-1348



Adjustable  
Bottom bolt guide

Bottom = No. 30-320



Cylinder Mounting Pads  
(Cylinder provided by others)  
For 3185 - Rim cylinder - required:  
For 3185 - No. 30-821E  
For 3186 - Mortise cylinder:  
For 3185 - No. 30-821B



Low Profile Tie-Rod Nut (3/8 - 20)  
Will provide latch clearance  
in narrow stile tie-rod door

No. 30-1709

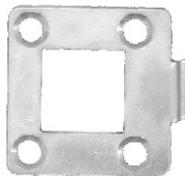


Top & Bottom Strikes

For 3185 - No. 30-2775-XXX



Bottom



Top

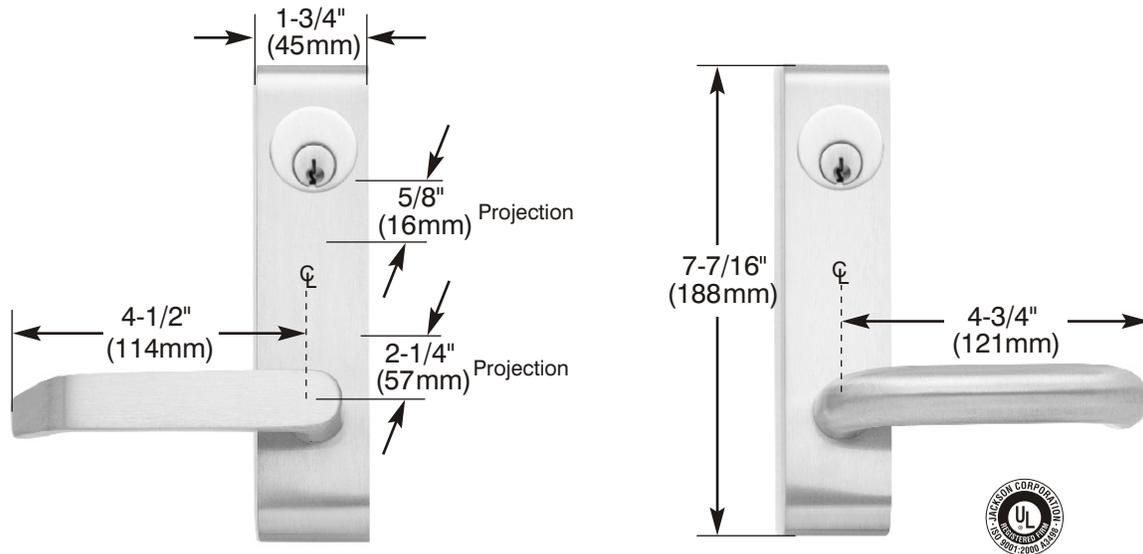
Concealed Vertical  
Rod Silencers

No. 30-1552





## OUTSIDE TRIM



### TECHNICAL INFORMATION

#### APPLICATIONS

- Key controlled outside trim is available for use with all Jackson Exit Devices. (**Excludes 1095**)
- Product is shipped for use with standard 1-3/4" (45mm) Thick Doors - 2" (51mm) Door Mounting is optional.

#### FEATURES

- Uses standard cylinder (Supplied by Others)
  - CVR Device: 1" (25mm) Mortise cylinder with MS type cam.
  - Rim Devices: 1" (25mm) Mortise cylinder with MS type cam.
- Non-Handed
- Thru-bolted with machine screws
- Available Trim Configuration:
  - Lever - Flat Style
  - Lever - Rounded
  - Matching Inactive Dummy Trim
- Electrified Trim (24 Volts, AC/DC)

#### MATERIALS

Escutcheon..... Extruded Aluminum  
Lever ..... Aluminum  
Mechanical Components..... Plated Hardened Steel

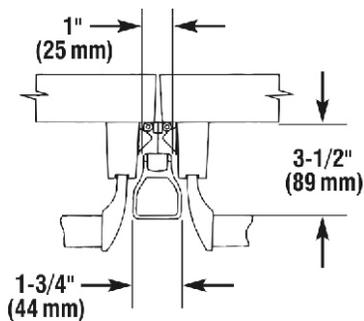
#### FINISH

Standard Finished:  
DBZ 313 - Anodized Dark Bronze  
US28/628 - Anodized Satin Aluminum



## 896 REMOVABLE MULLION

The Jackson 896 Removable Mullion is an extra heavy-duty, reinforced extruded aluminum mullion for use with paired doors equipped with pullman-type rim latch exit devices. The mullion is easily removed to provide increased opening when needed.



### FEATURES:

- Aesthetically pleasing design
- Supplied with paired stabilizers to inhibit door deflection
- Supplied with installed Rim Strike package
- Standard Lengths = 196" (2438 mm)
- Standard Lengths = 120" (3048 mm)
- Field Sizeable

### MATERIAL:

Body . . . . . Extruded Aluminum  
 Stabilizer . . . . . Aluminum  
 Mounting Shoe . . . . . Bronze

### FINISHES:

Standard Finishes: DBZ 31328- Anodized Dark Bronze  
 Standard Finishes: US28 / 628 - Anodized Satin Aluminum

Mounting Package  
 Top & Bottom Shoe

No. 30-702



Rim Strike Package (Pair)

For 1095 . . . . . No.30-784  
 For 1295 . . . . . No. 30-2497  
 For 2095 . . . . . No. 30-2530



### Stabilizer Packages

2-Piece Package  
 for Single Door  
 No. 30-737

4-Piece Package  
 for Pair of Doors  
 No. 30-703





## **9613 INTERLOCKING ASTRAGAL**



The Jackson 9613 Interlocking Astragal is designed to automatically and quietly close the gap between active paired doors without the use of a door coordinator. The astragal provides security by restricting the insertion of devices through the doors gap, as well as provide a light, dust and weather seal.

### **APPLICATION:**

- Wood or Metal Doors
- Adaptable for use with Center-Hung, Offset Pivot or Butt Hinge
- Door heights: Standard Lengths = 84" (2134 mm)
- Door heights: Standard Lengths = 96" (2438 mm)

### **FEATURES:**

- Non-Handed
- Field Sizeable
- Concealed screw mounting
- Separate spring-actuated hinged leaf for each door.

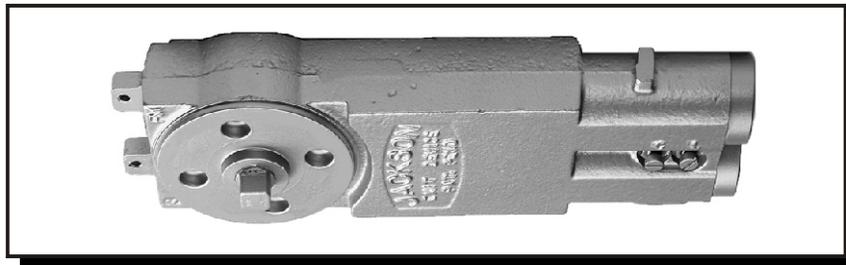
### **MATERIALS:**

Extruded Aluminum

### **FINISH:**

Standard Finishes: DBZ 313 - Anodized Dark Bronze  
Standard Finishes: US28 / 628 - Anodized Satin Aluminum

# HOW TO ORDER OVERHEAD CONCEALED CLOSER'S



## HOW TO ORDER

21 - 1 0 1 - P - 628 - 01 - B

- ↑ Backcheck: B=With Optional Adjustable Backcheck (ANSI-Grade 1 Closers Only)
- ↑ Swing, Function & Size: ←
- ↑ Finish Offset Package: US28/628 = Satin Aluminum  
DBZ 313 = Dark Bronze
- ↑ Package Type: See Current Jackson Catalog for Standard Packages  
M = Closer Mechanism Only
- ↑ Spindle Type: 1 = 1/2" (12.7mm) Standard Length  
4 = 7/8" (22.2mm) Medium Spindle  
6 = 1-13/64 (46mm) Long Spindle
- ↑ Closer Type: 0 = Standard Closer  
1 = ANSI - Grade 1 (A156.4)
- ↑ Application: 1 = Overhead Center-Hung Package or Mechanism Only  
2 = Overhead Offset Package
- ↑ Product Group: 20 = Closer Mechanisms & Accessories  
21 = Closer Package

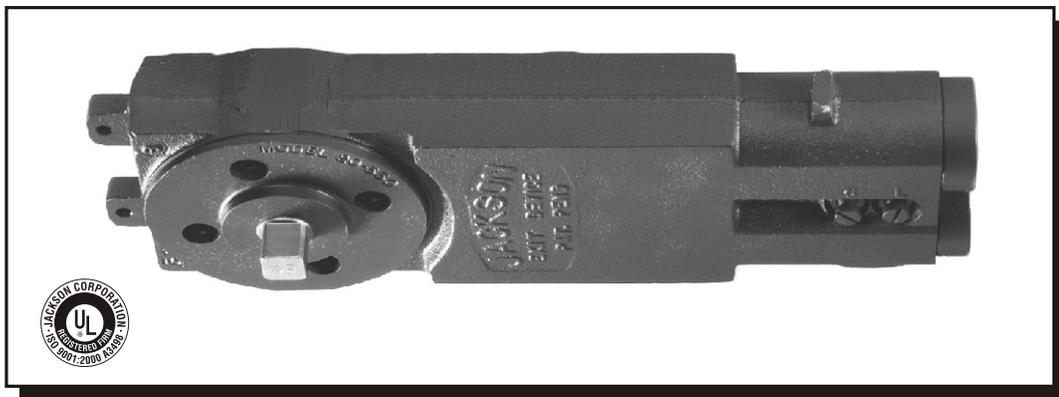
NOTE: Packed 6 per Master Carton

### SWING FUNCTION SIZE

01	= 105°	NH	RD
02	= 105°	HO	RD
03	= 90°	NH	RD
04	= 90°	HO	RD
05	= 105°	NH	LD
06	= 105°	HO	LD
07	= 90°	NH	LD
08	= 90°	HO	LD
09	= 105°	NH	HD
10	= 105°	HO	HD
11	= 90°	NH	HD
12	= 90°	HO	HD
13	= 105°	NH	XLD
14	= 105°	HO	XLD
15	= 90°	NH	XLD
16	= 90°	HO	XLD
NOTE: ADJ Not Available with ANSI Grade 1 Closer			
17	= 105°	NH	ADJ
18	= 105°	HO	ADJ
19	= 90°	NH	ADJ
20	= 90°	HO	ADJ
NOTE: 120° Available with ANSI Grade 1 Closer ONLY			
21	= 120°	NH	RD
22	= 120°	HO	RD
23	= 120°	NH	LD
24	= 120°	HO	LD
25	= 120°	NH	HD
26	= 120°	HO	HD
27	= 120°	NH	XLD
28	= 120°	HO	XLD



## STANDARD OVERHEAD CONCEALED CLOSERS



The Jackson 20-330 Series Overhead Concealed Closer has been the leader in the industry for more than 35 years. The closer is manufactured in the U.S.A. under strict ISO 9001 guidelines and is designed to give long lasting, maintenance-free performance. This closer is truly universal. One basic closer mechanism allows for single or double acting, center-hung or offset applications and is non-handed. Suitable for both interior and exterior installations, it provides complete door control in a compact and concealed design. Available in 4 fixed spring sizes or adjustable spring power, making this the ideal closer for aluminum, wood or hollow metal doors and frames.

### TECHNICAL INFORMATION

**DIMENSIONS:** All Jackson 20-330 Series Overhead Closers are the same size and fit into a 1-3/4" x 4" (44.5 x 101.5mm) header.

- LENGTH:** 11-5/8" (295 mm)
- HEIGHT:** 1-1/2" ( 38mm)
- WIDTH:** 3-11/16" ( 94mm)
- WEIGHT:** Mechanism Only . . . . . 8 lbs. (3.6 kg)
- Center-Hung Package. . . . . 10 lbs. (4.5 kg)
- Offset Package. . . . . 11lbs. (5.0 kg)

NOTE: Weights will vary depending on Package type

**ACTION:** Non-Handed Design  
Single or Double Acting  
Center-Hung or Offset Applications

**WARRANTY:** Guaranteed to be free from defects in materials and workmanship for 5 years from date of shipment.

**ACCESSORIES:** Complete selection of Arms, Pivots, Mounting Brackets and optional accessories.

**OPTIONS:**

- **EXTENDED LENGTH SPINDLE:**  
Standard Spindle. . . 1/2" (13 mm)
- Medium Spindle . . . 7/8" (22 mm)
- Long Spindle . . 1-13/64" (31 mm)

**FEATURES:**

- **DUAL VALVE CLOSING CONTROL** - Both sweep and latch speeds are adjustable.
- **FOUR FIXED SPRING SIZES:**  
XLD = Extra Light Duty  
LD = Light Duty  
RD = Regular Duty  
HD = Heavy Duty

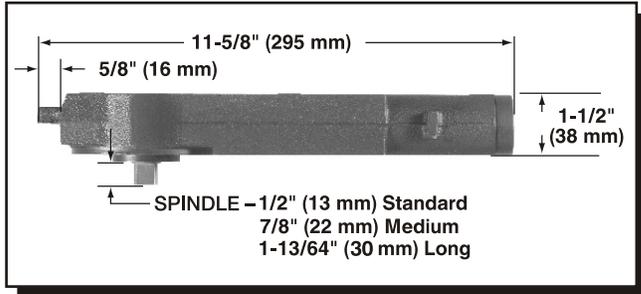
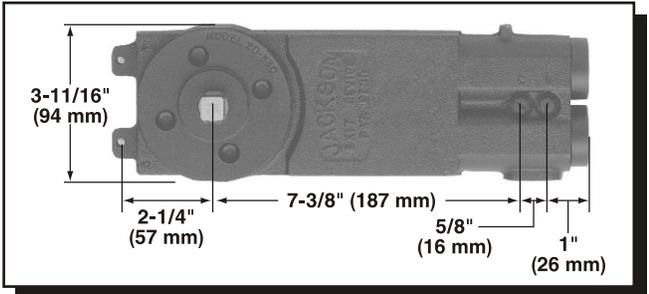
**NOTE:** See the Closer Operational and Size Selector Charts on page C2 to determine proper closer size for the application.

- **90° or 105° Swing**
- **HOLD or NON-HOLD OPEN**
- **UL LISTED, MEETS UL228 (NON-HOLD ONLY)**
- **CUSHION BACKSTOP:** Provides cushion stop to protect both the closer and opening from damage.



## STANDARD OVERHEAD CONCEALED CLOSERS

### DIMENSIONS - Inch (Metric)



### CLOSER OPERATIONAL DATA

APPROXIMATE OPENING FORCE IN POUNDS								
	CENTER HUNG				OFFSET SLIDE-ARM			
	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0
Adjustable				N/A				
Extra Light Duty	6	4.5	4	N/A	8	6	5.5	5
Light Duty	10	8	6	5	14	12	10	8
Regular Duty	12	10	8	6	17	14.5	13	11
Heavy Duty	17	15	13	11	N/A	19	17	15

= Adjustable opening force 5 lbs to 8.5 lbs for barrier-free applications for door width noted.  
 N/A = Application not recommended.  
**NOTE:** Readings are in *pound force* required to open door and are taken at the lock stile to full degree of opening.

CLOSER SELECTION CHART		
CLOSER	Maximum Interior Door	Maximum Exterior Door
Adjustable	3'-6" (1067 mm)	3'-0" ( 914 mm)
Extra Light Duty	3'-0" ( 914 mm)	2'-6" ( 762 mm)
Light Duty	3'-6" (1067 mm)	3'-0" ( 914 mm)
Regular Duty	3'-6" (1067 mm)	3'-0" ( 914 mm)
Heavy Duty	4'-0" (1219 mm)	3'-6" (1067 mm)

**SPRING POWER ADJUSTMENT DATA**

Closer leaves factory set at size *LD* for a 3'-0" (914 mm) door.

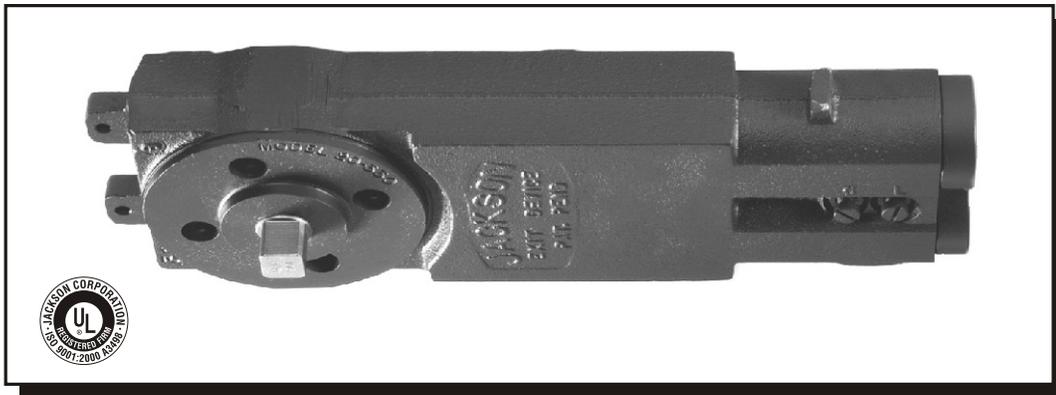
To change opening force 1 size takes approximately 4 turns

- Clockwise to increase
- Counter-clockwise to decrease

- NOTES:**
1. All recommendations are based on average conditions. Tall doors or doors that may be subjected to wind, draft or extreme air conditioning may require the next size closer
  2. An auxiliary floor or overhead door stop is always recommended to prevent structural interference and possible door and closer damage due to over-extension of maximum allowable door swing.



## ADJUSTABLE OVERHEAD CONCEALED CLOSERS



The Jackson 20-330 Series Overhead Concealed Closer has been the leader in the industry for over 35 years. The closer is manufactured in the U.S.A. under strict ISO 9001 guidelines and is designed to give long lasting, maintenance free performance. This closer is truly universal. One basic closer mechanism allows for single or double acting, center-hung or offset applications and is non-handed. Suitable for both interior and exterior installations, it provides complete door control in a compact and concealed design. The adjustable spring power, makes this the ideal closer for aluminum, wood or hollow metal doors and frames.

### TECHNICAL INFORMATION

**DIMENSIONS:** All Jackson 20-330 Series Overhead Closers are the same size and fit into a 1-3/4" x 4" (44.5 x 101.5mm) header.

**LENGTH:** 11-5/8" (295 mm)

**HEIGHT:** 1-1/2" ( 38mm)

**WIDTH:** 3-11/16" ( 94mm)

**WEIGHT:** Mechanism Only . . . . . 8 lbs. (3.6 kg)

Center-Hung Package. . . . . 10 lbs. (4.5 kg)

Offset Package. . . . . 11lbs. (5.0 kg)

NOTE: Weights will vary depending on Package type

**ACTION:** Non-Handed Design  
Single or Double Acting  
Center-Hung or Offset Applications

**WARRANTY:** Guaranteed to be free from defects in materials and workmanship for 5 years from date of shipment.

**ACCESSORIES:** Complete selection of Arms, Pivots, Mounting Brackets and optional accessories.

**OPTIONS:**

• **EXTENDED LENGTH SPINDLE:**

Standard Spindle. . . . 1/2" (13 mm)

Medium Spindle . . . . 7/8" (22 mm)

Long Spindle . . . 1-13/64" (31 mm)

**FEATURES:**

• **DUAL VALVE CLOSING CONTROL** - Both sweep and latch speeds are independently adjustable.

**NOTE:** See the Closer Operational and Size Selector Charts on page C4 to determine proper closer size for the application.

• **ADJUSTABLE SPRING POWER** - Size XLD (2) thru RD (4)  
This allows you to set an opening force which will meet Barrier-Free requirements for both interior and exterior doors in one closer.

• **90° or 105° Swing**

• **HOLD or NON-HOLD OPEN**

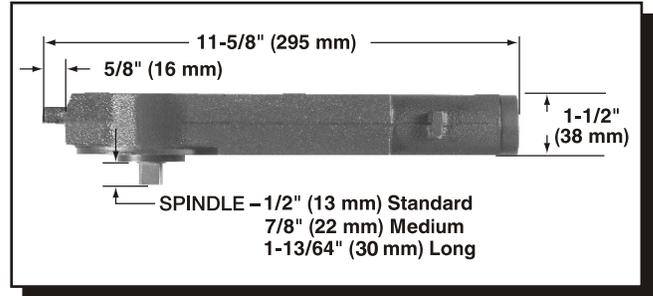
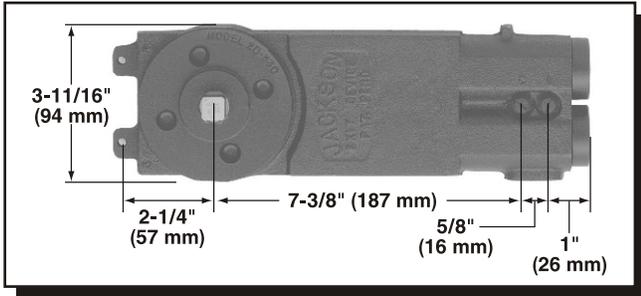
• **UL LISTED, MEETS UL228 (NON-HOLD ONLY)**

• **CUSHION BACKSTOP:** Provides cushion stop to protect both the closer and opening from damage.



## ADJUSTABLE OVERHEAD CONCEALED CLOSERS

### DIMENSIONS - Inch (Metric)



### CLOSER OPERATIONAL DATA

APPROXIMATE OPENING FORCE IN POUNDS								
	CENTER HUNG				OFFSET SLIDE-ARM			
	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0
Adjustable				N/A				
Extra Light Duty	6	4.5	4	N/A	8	6	5.5	5
Light Duty	10	8	6	5	14	12	10	8
Regular Duty	12	10	8	6	17	14.5	13	11
Heavy Duty	17	15	13	11	N/A	19	17	15

= Adjustable opening force 5 lbs to 8.5 lbs for barrier-free applications for door width noted.  
 N/A = Application not recommended.  
**NOTE:** Readings are in *pound force* required to open door and are taken at the lock stile to full degree of opening.

CLOSER SELECTION CHART		
CLOSER	Maximum Interior Door	Maximum Exterior Door
Adjustable	3'-6" (1067 mm)	3'-0" ( 914 mm)
Extra Light Duty	3'-0" ( 914 mm)	2'-6" ( 762 mm)
Light Duty	3'-6" (1067 mm)	3'-0" ( 914 mm)
Regular Duty	3'-6" (1067 mm)	3'-0" ( 914 mm)
Heavy Duty	4'-0" (1219 mm)	3'-6" (1067 mm)

**SPRING POWER ADJUSTMENT DATA**

Closer leaves factory set at size *LD* for a 3'-0" (914 mm) door.

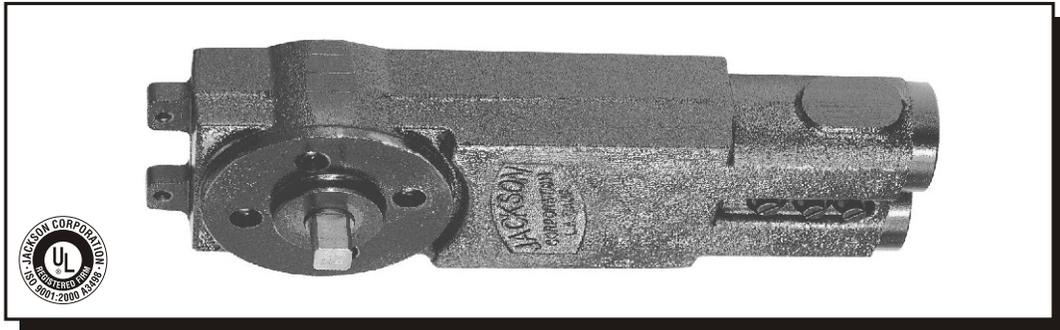
To change opening force 1 size takes approximately 4 turns

- Clockwise to increase
- Counter-clockwise to decrease

- NOTES:** 1. All recommendations are based on average conditions. Tall doors or doors that may be subjected to wind, draft, or extreme air conditioning may require the next size closer.
- NOTES:** 2. Although the adjustable spring power closer can be adjusted to compensate for site conditions, adequate closing force may not be obtained while complying with barrier-free opening force restrictions.
- NOTES:** 3. An auxiliary floor or overhead door stop is always recommended to prevent structural interference and possible door and closer damage due to over-extension of maximum allowable door swing.



## ANSI GRADE 1 CLOSER



The Jackson 20-330 Series Grade 1 Overhead Concealed Closer meets ANSI/BHMA Grade 1 Closer requirements. The closer is manufactured in the U.S.A. under strict ISO 9001 guidelines and is designed to give ultimate durability and maintenance free service. This closer is truly universal. One basic closer mechanism allows for single or double acting, center-hung or offset applications and is non-handed. Suitable for both interior and exterior installations, it provides complete door control in a compact and concealed design suitable for aluminum, glass, wood and hollow metal doors. Available in 4 fixed spring sizes with an optional hydraulic backcheck that will provide the ultimate protection from wind or violent door swings without impeding normal traffic flow.

### TECHNICAL INFORMATION

**DIMENSIONS:** All Jackson 20-330 Series Overhead Closers are the same size and fit into a 1-3/4" x 4" (44.5 x 101.5 mm) header.

**LENGTH:** 11-5/8" (295 mm)

**HEIGHT:** 1-1/2" (238 mm)

**WIDTH:** 3-11/16" (294 mm)

**WEIGHT:** Mechanism Only . . . . . 8 lbs. (3.6 kg)

Center-Hung Package . . . 10 lbs. (4.5 kg)

Offset Package . . . . . 11 lbs. (5.0 kg)

**NOTE:** Weights will vary depending on Package type

**ACTION:** Non-Handed Design

**ACTION:** Single or Double Acting

**ACTION:** Center-Hung or Offset Applications

**WARRANTY:** Guaranteed to be free from defects in materials and workmanship for 10 years from date of shipment.

**ACCESSORIES:** Complete selection of Arms, Pivots, Mounting Brackets and optional accessories.

**OPTIONS:**

**EXTENDED LENGTH SPINDLE:**

Standard Spindle . . . 1/2" (13mm)

Medium Spindle . . . 7/8" (22mm)

Long Spindle . . . 1-13/64" (31mm)

**FEATURES:**

• **BACKCHECK:** Fully adjustable hydraulic backcheck provides the ultimate protection from wind or violent door swings to prevent damage to the closer and opening without impeding normal traffic flow.

• **DUAL VALVE CLOSING CONTROL** – Both sweep and latch speeds are independently adjustable.

• **FOUR FIXED SPRING SIZES:**

XLD = Extra Light Duty

LD = Light Duty

RD = Regular Duty

HD = Heavy Duty

**NOTE:** See the Closer Operational and Size Selector Charts on page C6 to determine proper closer size for the application.

• **CUSHION BACKSTOP:** Provides cushion stop to protect both the closer and opening from damage under normal traffic conditions.

• **90°, 105° or 120° Swing**

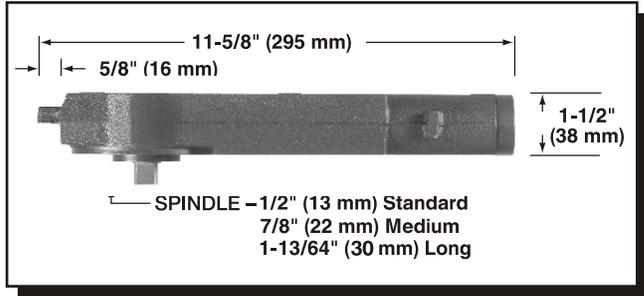
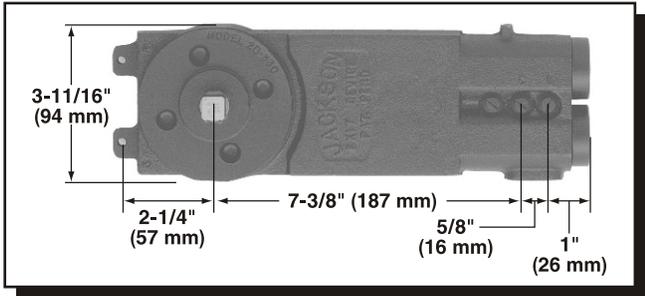
• **HOLD or NON-HOLD OPEN**

• **UL LISTED, MEETS UL228**



## ANSI GRADE 1 CLOSER

### DIMENSIONS - Inch (Metric)



### CLOSER OPERATIONAL DATA

APPROXIMATE OPENING FORCE IN POUNDS								
	CENTER HUNG				OFFSET SLIDE-ARM			
	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0
Extra Light Duty	6	4.5	4	N/A	8	6	5.5	5
Light Duty	10	8	6	5	14	12	10	8
Regular Duty	12	10	8	6	17	14.5	13	11
Heavy Duty	17	15	13	11	N/A	19	17	15

N/A = Application not recommended.  
**NOTE:** Readings are in *pound force* required to open door and are taken at the lock stile to full degree of opening.

CLOSER SELECTION CHART		
CLOSER	Maximum Interior Door	Maximum Exterior Door
Extra Light Duty	3'-0" ( 914 mm)	2'-6" ( 762 mm)
Light Duty	3'-6" (1067 mm)	3'-0" ( 914 mm)
Regular Duty	3'-6" (1067 mm)	3'-0" ( 914 mm)
Heavy Duty	4'-0" (1219 mm)	3'-6" (1067 mm)

HYDRAULIC BACKCHECK ADJUSTMENT DATA
Closer leaves factory set at minimum intensity. To change backcheck intensity: - Clockwise to increase - Counter-clockwise to decrease Effective Range starting at 75 degrees

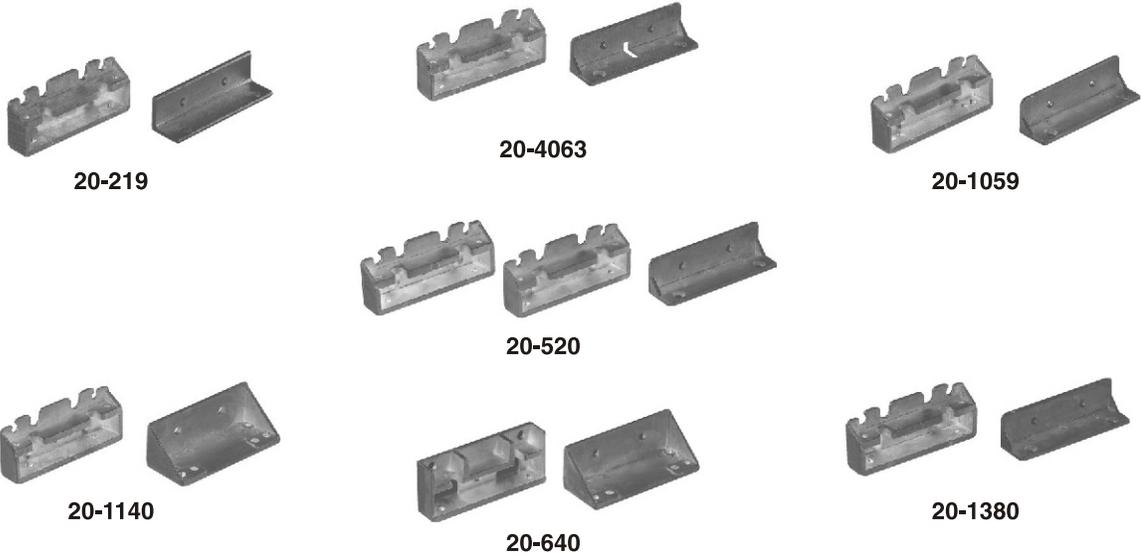
- NOTES:**
- All recommendations are based on average conditions. Tall doors or doors that may be subjected to wind, draft, or extreme air conditioning may require the next size closer.
  - Although the adjustable backcheck can be adjusted to give maximum protection, an auxiliary floor or overhead door stop is always recommended to prevent structural interference and possible door and closer damage due to over-extension of maximum allowable door swing



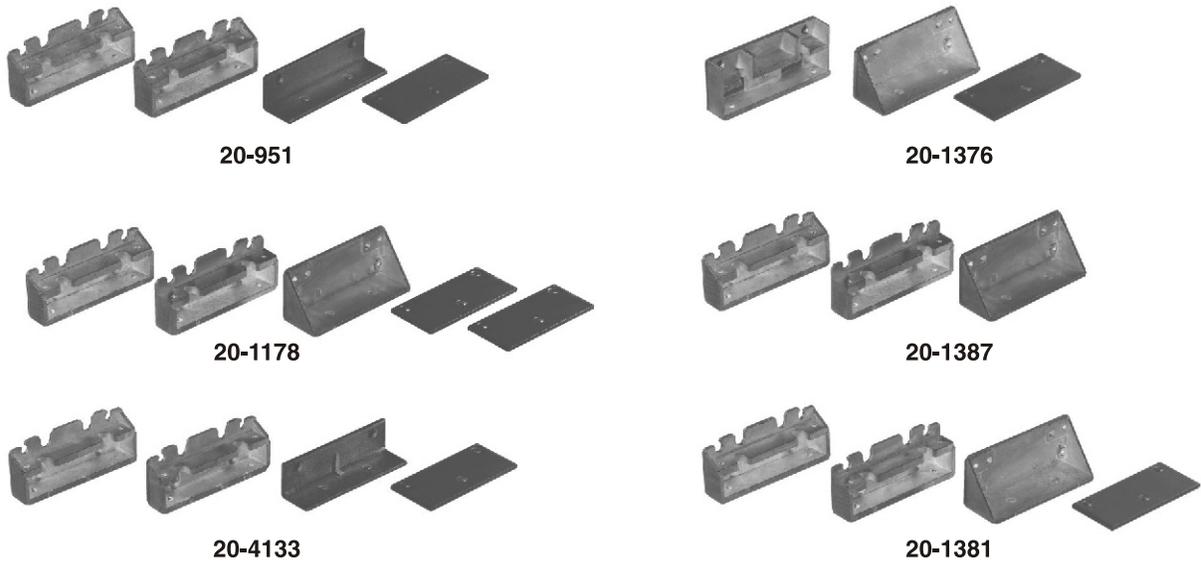
# OVERHEAD CONCEALED CLOSERS

## MOUNTING BRACKETS

### CENTER-HUNG APPLICATIONS



### OFFSET APPLICATIONS



## COVER PLATES



20-1103 - 3-3/4" X 12-1/2" (95 X 317.5mm)  
20-3152 - 3 Valve Access



20-190 - 3-11/16" X 13-3/4" ( 70.0 X 317.5mm)  
20-1552 - 4-1/4" x 14" (108.0 x 355.6 mm)  
20-3147 - 3 Valve Access



## OVERHEAD CONCEALED CLOSERS

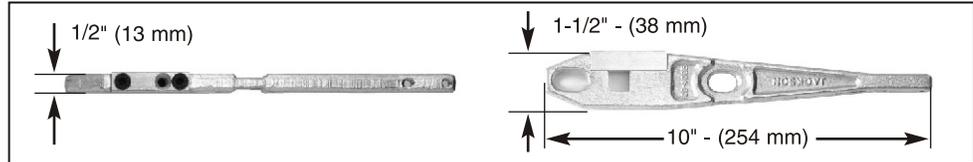
### CENTER-HUNG ARMS

#### FOR ALUMINUM DOORS

##### No. 20-400B

Application: Side-Load  
Application: 1/2" (13.0 mm) Deep Rail

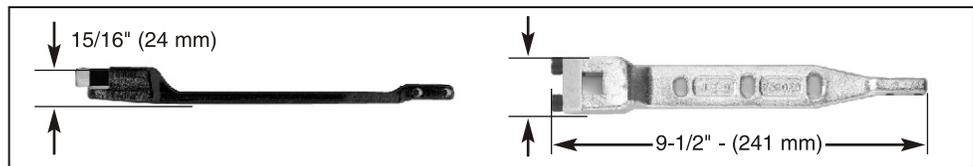
Contents: No. 20-876P Side-Load Arm  
Contents: No. 20-879 Arm Mounting Pkg.



##### No. 20-2000

Application: End-Load  
Application: 1" (25.4 mm) Deep Rail

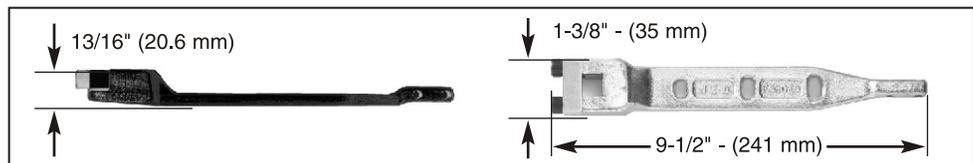
Contents: No. 20-1999 End-Load Arm  
Contents: No. 20-1998 Arm Mounting Pkg.



##### No. 20-2010

Application: End-Load  
Application: 7/8" (22.2 mm) Deep Rail

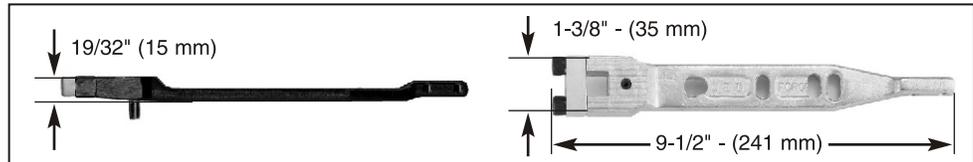
Contents: No. 20-2009 End-Load Arm  
Contents: No. 20-2008 Arm Mounting Pkg.



##### No. 20-2085

Application: End-Load  
Application: 5/8" (16.0 mm) Deep Rail

Contents: No. 20-2081 End-Load Arm  
Contents: No. 20-2008 Arm Mounting Pkg.

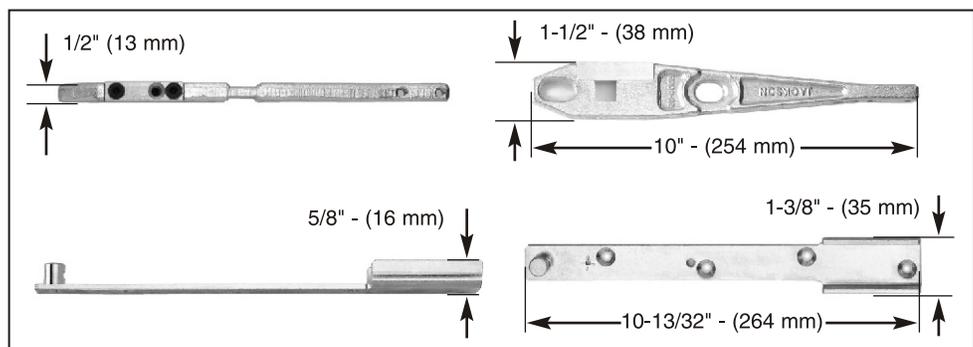


#### FOR WOOD DOORS

##### No. 20-510

Application: Side-Load  
Application: 5/8" (16.0 mm) Deep  
Application: Mortised Rail

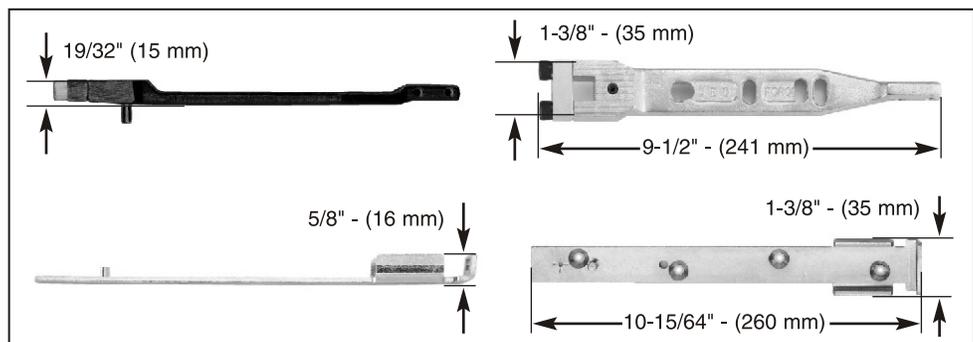
Contents: No. 20-876P Side-Load Arm  
Contents: No. 20-240P Door Channel  
Contents: No. 20-4061 Mounting Pkg.



##### No. 20-2090

Application: End-Load  
Application: 3/4" (19.0 mm) Deep  
Application: Mortised Rail

Contents: No. 20-4060P End-Load Arm  
Contents: No. 20-245P Door Channel  
Contents: No. 20-4062P Mounting Pkg.





## OVERHEAD CONCEALED CLOSERS

### OFFSET ARM & SLIDE CHANNEL ASSEMBLY

**APPLICATION:** For Aluminum Door & Frames  
For Wood Door Mounting - Order Package No. 20-4131.

**MATERIAL:** Steel

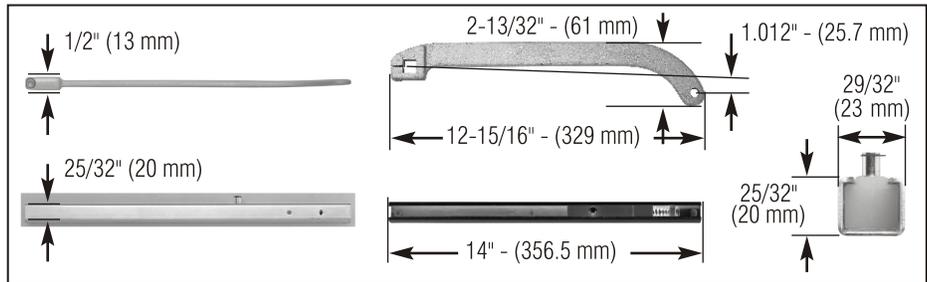
**NOTE:** Components for Mortise and Surface installations cannot be interchanged.

**FINISH:** Offset Arm Standard Painted Finishes:  
• US28 / 628 = Clear Satin Aluminum  
• DBZ 313 = Dark Bronze

#### No. 20-900-LC

Application: Mortise Type  
7/8" (22 mm) Deep Rail

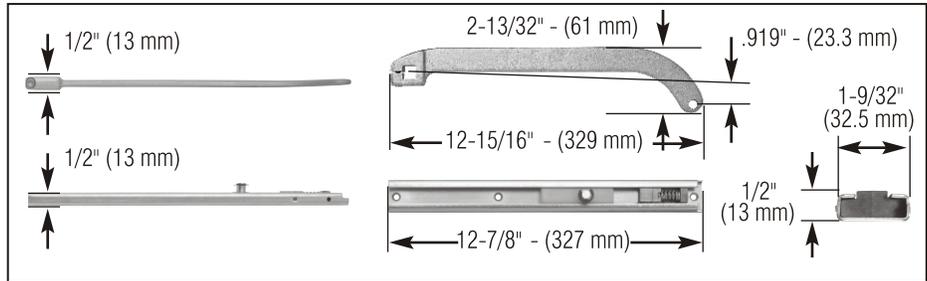
Contents: No. 20-942 Offset Arm  
No. 20-368 Slide Channel Assembly  
No. 20-951 Closer Mounting Brackets  
No. 20-385 Channel Mounting Pkg.



#### No. 20-1134-LC

Application: Surface Mounted  
5/8" (16 mm) Shallow Rail

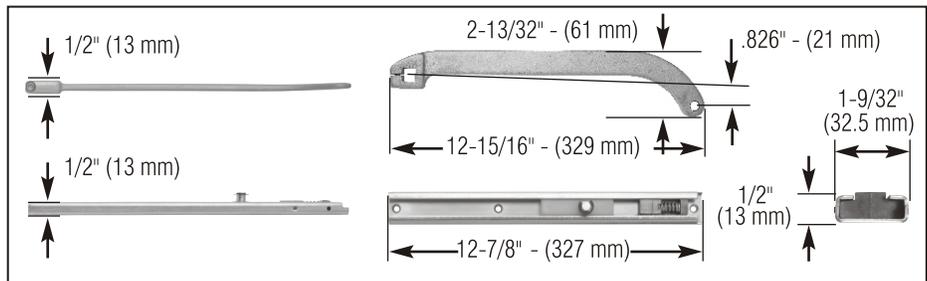
Contents: No. 20-1133 Offset Arm  
No. 20-1129 Slide Channel Assembly  
No. 20-1375 Closer Mounting Brackets  
No. 20-1305 Channel Mounting Pkg.



#### No. 20-1312-LC

Application: Surface Mounted  
5/8" (16 mm) Shallow Rail

Contents: No. 20-1149 Offset Arm  
No. 20-1129 Slide Channel Assembly  
No. 20-1178 Closer Mounting Brackets  
No. 20-1305 Channel Mounting Pkg.



### COVERS

**APPLICATION:** Right Hand = No. 20-117  
Left Hand = No. 20-106

**MATERIAL:** Aluminum

**DIMENSIONS:** 2"W x 7/8"H x 42-1/4"L (51 x 22 x 1073 mm)

**FINISH:** Standard Anodized Finishes:

• US28 / 628 = Clear Satin Aluminum  
• DBZ 313 = Dark Bronze





## OVERHEAD CONCEALED CLOSERS

### CENTER-HUNG FLOOR PIVOTS

- Designed for use with Aluminum or properly prepared Wood and Hollow Metal Doors.

- Full Ball Bearing Design

#### SIDE-LOAD APPLICATIONS

For Doors weighing up to 125 lbs. (56 kg)



##### No. 20-902 (Type G)

Height Adjustable

Application: For Floor Installation  
Application: For 1-1/2" (38 mm) Deep Bottom Rail

Components: No. 20-741 Door Portion  
: No. 20-742 Floor Portion



##### No. 20-944 (Type GE)

Height Adjustable

Application: For Threshold Installation  
Application: For 1-1/2" (38 mm) Deep Bottom Rail

Components: No. 20-741 Door Portion  
ts: No. 20-943 Threshold Portion



##### No. 20-1155 (Type BE)

Application: For Threshold Installation  
Application: For 1" (25.4 mm) Deep Bottom Rail

Components: No. 20-1154 Door Portion  
Components: No. 20-943 Threshold Portion

#### END-LOAD APPLICATIONS

For Doors weighing up to 175 lbs. (79 kg)



##### No. 20-1570 (Type GW)

Application: For Floor Installation  
Application: For 1" (25.4 mm) Deep Bottom Rail

Components: No. 20-647 Door Portion  
Components: No. 20-1062 Floor Portion



##### No. 20-1060 (Type P)

Application: For Floor Installation  
Application: For 1-9/16" (39.7 mm) Deep Bottom Rail

Components: No. 20-1061 Door Portion  
Components: No. 20-1062 Floor Portion



##### No. 20-728 (Type AE)

Application: For Threshold Installation  
Application: For 1" (25.4 mm) Deep Bottom Rail

Components: No. 20-647 Door Portion  
Components: No. 20-607 Threshold Portion



##### No. 20-1410 (Type EF)

Application: For Threshold Installation  
Application: For 1-9/16" (39.7 mm) Deep Bottom Rail

Components: No. 20-1061 Door Portion  
Components: No. 20-607 Threshold Portion



##### No. 20-1680 (Type BV)

Application: For Combination Floor &  
Application: Threshold Installation  
Application: For 1" (25.4 mm) Deep Bottom Rail

Components: No. 20-647 Door Portion  
Components: No. 20-1062 Floor Portion  
Components: No. 20-650 Threshold Mounting Pkg.



##### No. 20-1685 (Type UP)

Application: For Combination Floor &  
Application: Threshold Installation  
Application: For 1-9/16" (39.7 mm) Deep Bottom Rail

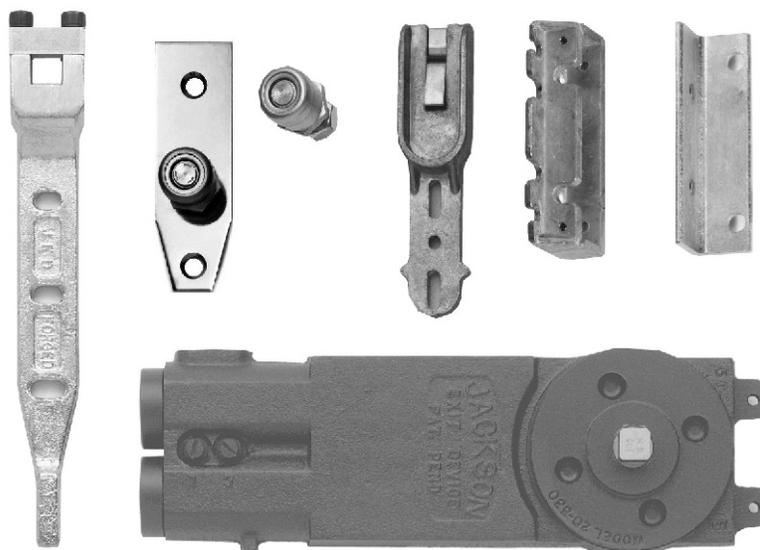
Components: No. 20-1061 Door Portion  
Components: No. 20-1062 Threshold Portion  
Components: No. 20-650 Threshold Mounting Pkg.



## OVERHEAD CONCEALED CLOSERS

### CENTER-HUNG CLOSER PACKAGES 21-100

#### 1-3/4" Aluminum Doors with Aluminum Frames



#### END-LOAD PACKAGE CONTENTS

##### “A” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-640 Mounting Brackets  
No. 20-2000 End-Load Arm Pkg  
No. 20-728 “AE” Pivot Type

##### “AP” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-219 Mounting Brackets  
No. 20-2000 End-Load Arm Pkg  
No. 20-1060 “P” Pivot Type

##### “AE” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-219 Mounting Brackets  
No. 20-2000 End-Load Arm Pkg  
No. 20-728 “AE” Pivot Type

##### “EF” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-219 Mounting Brackets  
No. 20-2010 End-Load Arm Pkg  
No. 20-1410 “EF” Pivot Type

##### “GW” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-219 Mounting Brackets  
No. 20-2000 End-Load Arm Pkg  
No. 20-1570 “GW” Pivot Type

##### “P” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-1059 Mounting Brackets  
No. 20-2010 End-Load Arm Pkg  
No. 20-1060 “P” Pivot Type

##### “PA” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-219 Mounting Brackets  
No. 20-2010 End-Load Arm Pkg  
No. 20-728 “AE” Pivot Type

##### “PE” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-219 Mounting Brackets  
No. 20-2010 End-Load Arm Pkg  
No. 20-1060 “P” Pivot Type

##### “T” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-219 Mounting Brackets  
No. 20-2010 End-Load Arm Pkg  
No. 20-1698 Bottom Pivot Set

**NOTE:** 1. Due to the wide variety and styles of doors in use today, Jackson can not reference specific packages for use with a particular door. Package needed will depend on door and frame type, dimensions, floor type and application. Please verify type, dimensions and application prior to ordering a closer package.

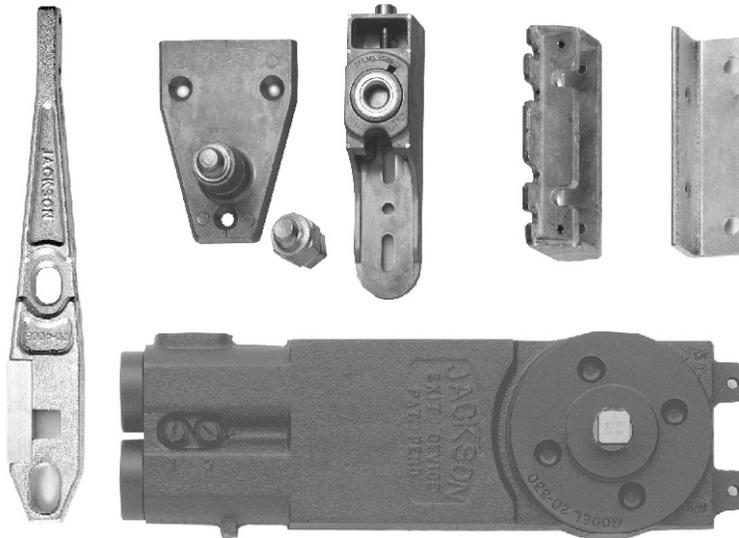
2. Packages listed above represent the most popular combinations currently used. Package contents can be customized to your specifications - Consult Factory.



## **OVERHEAD CONCEALED CLOSERS**

### **CENTER-HUNG CLOSER PACKAGES 21-100**

#### **1-3/4" Aluminum Doors with Aluminum Frames**




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### **SIDE-LOAD PACKAGE CONTENTS**

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#### **"BE" PACKAGE**

No. 20-330 Closer Mechanism  
 No. 20-219 Mounting Brackets  
 No. 20-400B Side-Load Arm Pkg  
 No. 20-1155 "BE" Pivot Type

#### **"BF" PACKAGE**

No. 20-330 Closer Mechanism  
 No. 20-520 Mounting Brackets  
 No. 20-400B Side-Load Arm Pkg  
 No. 20-1155 "BE" Pivot Type

#### **"GE" PACKAGE**

No. 20-330 Closer Mechanism  
 No. 20-219 Mounting Brackets  
 No. 20-400B Side-Load Arm Pkg  
 No. 20-944 "GE" Pivot Type

#### **"PV" PACKAGE**

No. 20-330 Closer Mechanism  
 No. 20-520 Mounting Brackets  
 No. 20-400B Side-Load Arm Pkg  
 No. 20-944 "GE" Pivot Type

#### **"S" PACKAGE**

No. 20-330 Closer Mechanism  
 No. 20-219 Mounting Brackets  
 No. 20-400B Side-Load Arm Pkg  
 No. 20-902 "G" Pivot Type

#### **"U" PACKAGE**

No. 20-330 Closer Mechanism  
 No. 20-1380 Mounting Brackets  
 No. 20-400B Side-Load Arm Pkg  
 No. 20-944 "GE" Pivot Type

#### **"V" PACKAGE**

No. 20-330 Closer Mechanism  
 No. 20-400B Side-Load Arm Pkg  
 No. 20-1155 "BE" Pivot Type

**NOTE:** 1. Due to the wide variety and styles of doors in use today, Jackson can not reference specific packages for use with a particular door. Package needed will depend on door and frame type, dimensions, floor type and application. Please verify type, dimensions and application prior to ordering a closer package.

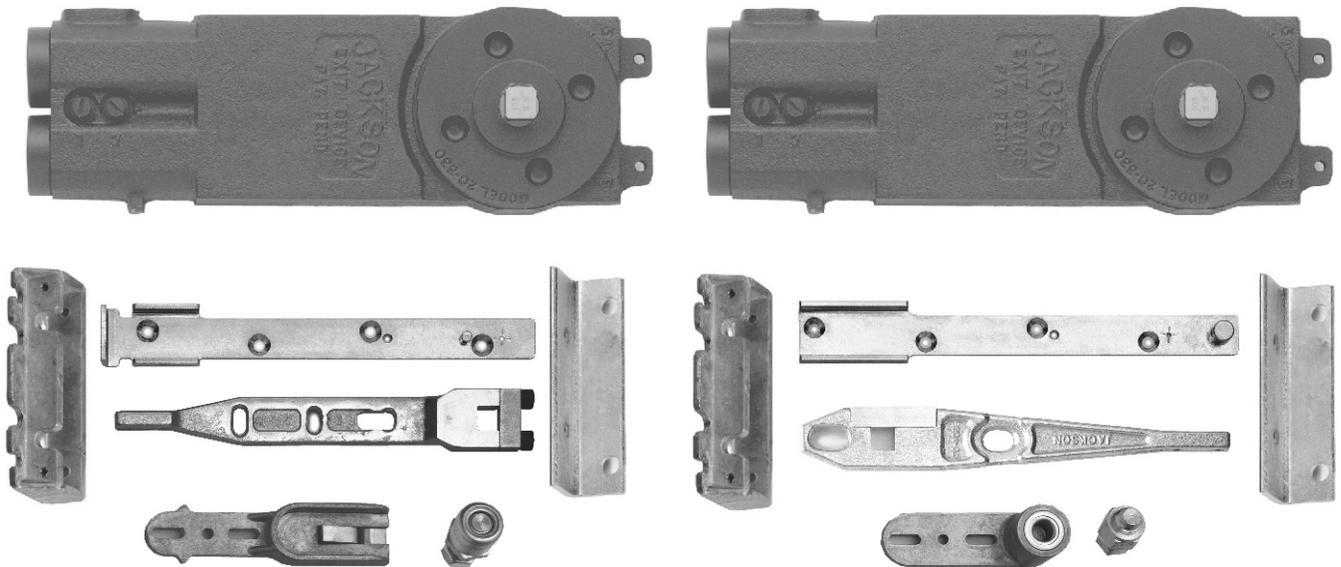
2. Packages listed above represent the most popular combinations currently used. Package contents can be customized to your specifications - Consult Factory.



## **OVERHEAD CONCEALED CLOSERS**

### **CENTER-HUNG CLOSER PACKAGES 21-100**

#### **Wood Doors with Aluminum Frames**



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### **PACKAGE CONTENTS**

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#### **“WDE” END-LOAD PACKAGE**

- No. 20-330 Closer Mechanism
- No. 20-219 Mounting Brackets
- No. 20-2090 End-Load Arm Pkg
- No. 20-728 “AE” Pivot Type

#### **“WDS” SIDE-LOAD PACKAGE**

- No. 20-330 Closer Mechanism
- No. 20-219 Mounting Brackets
- No. 20-510 Side-Load Arm Pkg
- No. 20-1155 “BE” Pivot

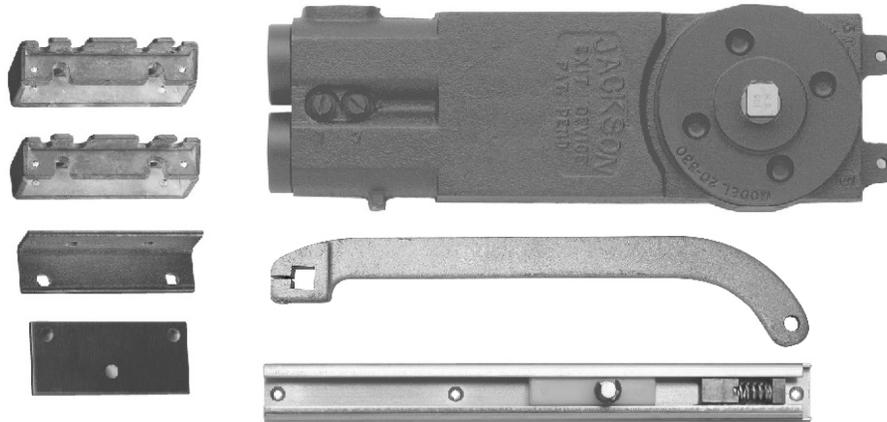
**NOTE:** 1. Due to the wide variety and styles of doors in use today, Jackson can not reference specific packages for use with a particular door. Package needed will depend on door and frame type, dimensions, floor type and application. Please verify type, dimensions and application prior to ordering a closer package.

2. Packages listed above represent the most popular combinations currently used. Package contents can be customized to your specifications - Consult Factory.



## OVERHEAD CONCEALED CLOSERS

### OFFSET SLIDE-ARM CLOSER PACKAGES 21-200 1-3/4" Aluminum Doors with Aluminum Frames



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#### OFFSET PIVOT or BUTT HUNG PACKAGE CONTENTS

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##### “A” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-1376 Mounting Brackets  
No. 20-1149 Offset Arm Pkg  
No. 20-1129 Slide Channel

##### “U” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-1381 (90°) Mounting Brackets  
No. 20-1387 (105°) Mounting Brackets  
No. 20-942 Offset Arm Pkg  
No. 20-368 Slide Channel

##### “S” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-951 Mounting Brackets  
No. 20-942 Offset Arm Pkg  
No. 20-368 Slide Channel

##### “P” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-1178 Mounting Brackets  
No. 20-1133 Offset Arm Pkg  
No. 20-1129 Slide Channel

##### “A4” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-951 Mounting Brackets  
No. 20-1149 Offset Arm Pkg  
No. 20-1129 Slide Channel

##### “W” PACKAGE

No. 20-330 Closer Mechanism  
No. 20-1376 Mounting Brackets  
No. 20-1149 Offset Arm Pkg  
No. 20-1129 Slide Channel

**NOTE:** 1. Offset Packages do not include Butts, Pivots or Arm Covers.

\* Please see Pivot Section “D” for Offset Pivot selection.

\* NOTE: The proximity of the Door Closer to the Jamb normally precludes a top pivot.

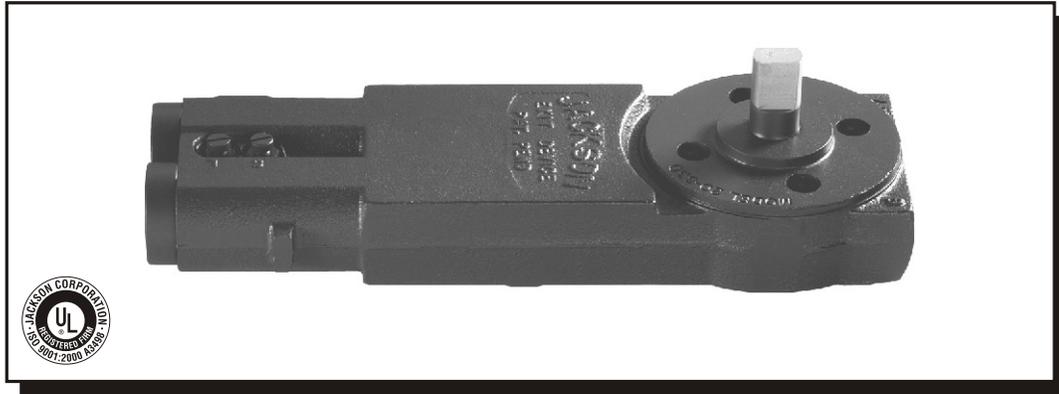
\* Please see Page C9 for Arm Covers.

**NOTE:** 2. Due to the wide variety and styles of doors in use today, Jackson can not reference specific packages for use with a particular door. Package needed will depend on door and frame type, dimensions, floor type and application. Please verify type, dimensions and application prior to ordering a closer package.

**NOTE:** 3. Packages listed above represent the most popular combinations currently used. Package contents can be customized to your specifications - Consult Factory.



## 300 SERIES FLOOR CLOSER



The Jackson 300 Series Floor Closer is manufactured in the U.S.A. under strict ISO 9000 guidelines and is designed to give long lasting, maintenance free performance. Its compact design and low profile makes it ideal for thin-slab applications where floor depth is limited. The universal design allows one basic, non-handed closer mechanism to be used for either single or double acting center-hung applications. Suitable for both interior and exterior installations, it provides complete door control in a compact and concealed design when other types of closers are not practical. Available in 4 spring sizes, this closer is designed for use with aluminum, wood or hollow metal doors.

### TECHNICAL INFORMATION

**DIMENSIONS:** The Jackson 300 Floor Closer is installed by using our low profile 2" (51 mm) deep cement case.

**CLOSER:**

**LENGTH:** 11" (279 mm)

**HEIGHT:** 1-1/2" (338 mm)

**WIDTH:** 3-11/16" (394 mm)

**CEMENT CASE:**

**LENGTH:** 12" (305 mm)

**HEIGHT:** 2" (351 mm)

**WIDTH:** 5-5/8" (143 mm)

**WEIGHT:** Mechanism Only . . . . . 8 Lbs. (3.6 Kg)

**WEIGHT:** Center-Hung Package . . . . . 14 Lbs. (6.4 Kg)

**NOTE:** Weights will vary depending on Package type.

**CAPACITY:** Doors up to 48" (1219 mm) wide.  
Weight up to 260 lbs. (118 kg.)

**ACTION:** Non-Handed Design

**ACTION:** Single or Double Acting

**WARRANTY:** Guaranteed to be free from defects in materials and workmanship for 5 years from date of shipment.

**OPTIONS:**

- **ACCESSORIES** - Complete selection of Arms, Pivots, Cover Plates and other optional accessories.

**FEATURES:**

- **DUAL VALVE CONTROL** - Both closing and latching speeds are independently adjustable.
- **FOUR FIXED SPRING SIZES:**  
XLD = Extra Light Duty  
LD = Light Duty  
RD = Regular Duty  
HD = Heavy Duty

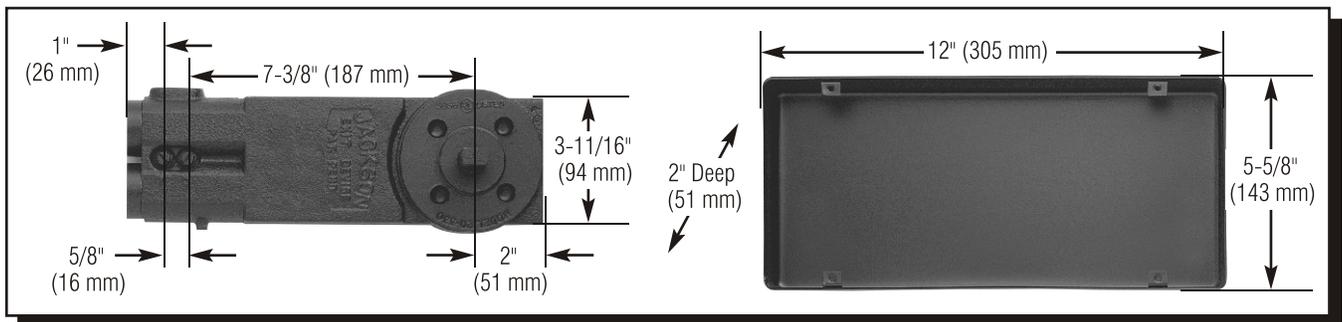
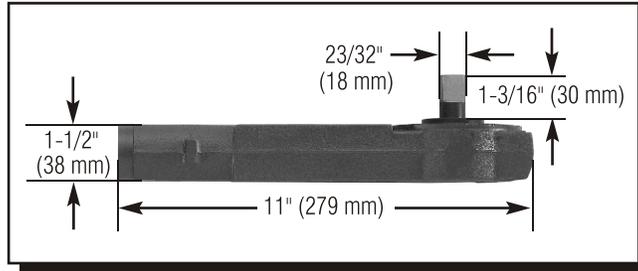
**NOTE:** See the Closer Operational and Size Selector Charts on page C16 to determine proper closer size for the application.

- **ADJUSTABLE POSITION WITHIN THE CEMENT CASE**
- **90° or 105° Swing**
- **HOLD or NON-HOLD OPEN**
- **BACKCHECK** - Cushion back-stop provides cushion stop to protect both the closer and opening from damage under normal traffic conditions.



## 300 SERIES FLOOR CLOSER

### DIMENSIONS - Inch (Metric)



### CLOSER OPERATIONAL DATA

#### APPROXIMATE OPENING FORCE IN POUNDS

	2/6 x 7/0	3/0 x 7/0	3/6 x 7/0	4/0 x 7/0
Extra Light Duty	6	4.5	4	N/A
Light Duty	10	8	6	5
Regular Duty	12	10	8	6
Heavy Duty	17	15	13	11

**NOTE:** Readings are *pound force* to open door and are taken at the lock stile to full degree of opening.

#### CLOSER SELECTION CHART

CLOSER	Max. Interior Door	Max. Exterior Door
Extra Light Duty	3'-0" ( 914 mm)	2'-6" ( 762 mm)
Light Duty	3'-6" (1067 mm)	3'-0" ( 914 mm)
Regular Duty	3'-6" (1067 mm)	3'-0" ( 914 mm)
Heavy Duty	4'-0" (1219 mm)	3'-6" (1067 mm)

- NOTES:**
1. All recommendations are based on average conditions. Tall doors or doors that may be subjected to wind, draft, or extreme air conditioning may require the next size closer.
  2. An auxiliary floor or overhead door stop is always recommended to prevent structural interference and possible door and closer damage due to over-extension of maximum allowable door swing.



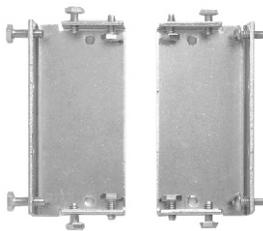
## 300 SERIES FLOOR CLOSER CENTER-HUNG PACKAGES 21-307



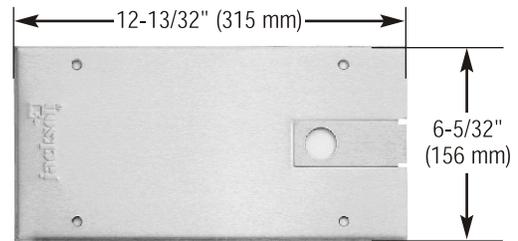
**No. 20-340** Floor Closer Mechanism



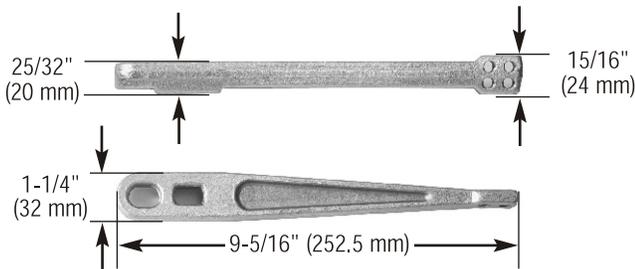
**No. 20-2102** Cement Case



**No. 20-2120** Adjustable Mounting Brackets  
Allows adjustment of installed Closer.  
Vertical = 3/16" (5 mm)  
Lateral = 1/4" (6 mm)  
Front to back = 3/8" (9.5 mm)



**No. 20-2115** Cover Plate  
Specify Finish (Extra Cost Option)  
Two piece design features separate spindle cover allowing removal of main plate for closer adjustment with door installed.



**No. 20-800** Center-Hung Arm Assembly

**Application:** 1" (25.4 mm) Deep Rail

**Contents:** No. 20-2103P Center-Hung Arm  
No. 20-185P Arm Mounting Pkg.



**No. 20-534**

Top Center-Hung "Walking Beam" Pivot Assembly

**Contents:** No. 20-213 Top Pivot  
No. 20-653 Top Door Arm w/nylon bushing  
No. 16-171 Cover Plate - Specify Finish

### PACKAGE CONTENTS

#### "S" ALUMINUM DOORS & FRAMES

- No. 20-307 Floor Closer Mechanism
- No. 20-2120 Mounting Brackets
- No. 20-800 Center-Hung Arm Pkg
- No. 20-534 Top Pivot Assembly
- No. 20-2102 Cement Case

#### "GL" TEMPERED GLASS DOORS

- No. 20-307 Closer Mechanism
- No. 20-2120 Mounting Brackets
- No. 20-2102 Cement Case

**NOTE:** 1. Packages do not include optional Cover Plate No. 20-2115 and must be purchased separately.

**NOTE:** 2. Due to the wide variety and styles of doors in use today, Jackson can not reference specific packages for use with a particular door. Package needed will depend on door and frame type dimensions, floor type and application. Please verify type, dimensions and application prior to ordering a closer package.

**NOTE:** 3. Packages listed represent the most popular combinations currently used. Package contents can be customized to your specifications - Consult Factory.



## PIVOTS

### TOP CENTER-HUNG

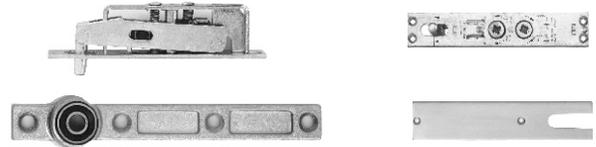
- Walking beam type pivot assembly
- Completely concealed

- Adjustable to obtain top door clearances of 1/8"-3/4"
- Complete sets include pivot, door arm & finished cover plate



**No. 20-534**

APPLICATION: Aluminum, Wood or Metal Doors and Frames  
 CAPACITY: Maximum Width = 48" (1219 mm)  
 Maximum Weight = 260 Lbs (118 Kg)  
 FINISH - Cover Plate: DBZ 313  
 US28 / 628



**No. 20-580**

APPLICATION: Aluminum, Wood or Metal Doors and Frames  
 CAPACITY: Maximum Width = 54" (1372 mm)  
 Maximum Weight = 1000 Lbs (450 Kg)  
 FEATURES: Lateral door adjustment of 1/2" (12 mm)  
 FINISH - Cover Plate: DBZ 313  
 US3 / 605  
 US32 / 629  
 US32D / 630

### TOP OFFSET



**No. 20-7065 – 3/4"**

APPLICATION: Aluminum, Wood Doors and Frames  
 CAPACITY: Maximum Width = 48" (1219 mm)  
 Maximum Weight = 260 Lbs (118 Kg)  
 MATERIAL: Cast Steel  
 FINISH: DBZ 313  
 US3 / 605  
 US15 / 646



**No. 20-7075 – 1-1/2"**



**No. J-110 – 3/4"**

APPLICATION: Aluminum, Wood or Metal Doors and Frames  
 CAPACITY: Maximum Width = 54" (1372 mm)  
 Maximum Weight = 1000 Lbs (450 Kg)  
 FEATURES: Full Mortise - Handed  
 Available for Flush and 1/8" (3 mm) recessed doors.  
 FINISH - Cover Plate: US3 / 605  
 US10B / 613  
 US32 / 629  
 US32D / 630

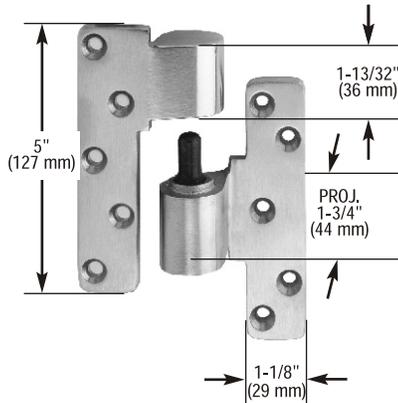


## PIVOTS

### 3/4" OFFSET - INTERMEDIATE

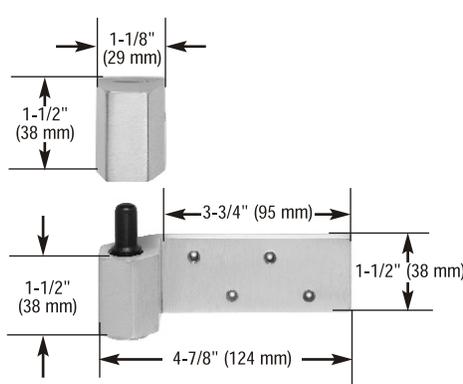
- Matching contemporary design
- 5/8" (16 mm) vertical adjustment

- Full race ball-bearing and oilite bronze bushing
- Fully retractable pin for easy installation



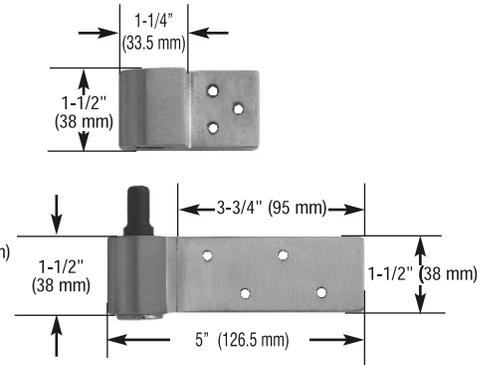
**No. J-190**

APPLICATION: Aluminum or Metal Doors and Frames  
 CAPACITY:  
 190 Aluminum - Max. Wt. = 0,150 Lbs (468 Kg)  
 190HD Brass/Bronze - Max. Wt. = 1,000 Lbs (454 Kg)  
 FEATURES: Full Mortise - Handed  
 MATERIAL: 190HD = Aluminum  
 190HD = Brass or Bronze or Stainless Steel  
 FINISH: 190 = DBZ 313 190HD = US3 / 605  
 US28 / 628 US10B / 613  
 US32 / 629  
 US32D / 630



**No. J-14**

APPLICATION: Aluminum Doors and Frames  
 CAPACITY: Maximum Weight = 125 Lbs (57 Kg)  
 FEATURES: Reversible - Non-Handed  
 Jamb Slot-in  
 MATERIAL: Extruded Aluminum  
 FINISH: DBZ 313  
 US28 / 628  
 Short leg available



**No. J-69**

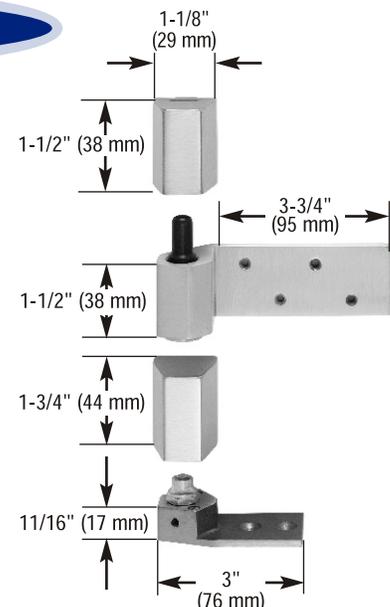
APPLICATION: Aluminum Doors and Frames  
 CAPACITY: Maximum Weight = 250 Lbs. (114 kg)  
 FEATURES: Reversible  
 Jamb Slot-in  
 MATERIAL: Extruded Aluminum  
 FINISH: DBZ 313  
 US28 / 628  
 Short leg available

### COMBINATION SET

**No. J-29**

- Combination J-14 intermediate and floor pivot set
- For use with offset overhead concealed closer application

APPLICATION: Aluminum Doors and Frames  
 CAPACITY: Maximum Weight = 125 Lbs (57 Kg)  
 FEATURES: Reversible - Non-Handed  
 MATERIAL: Extruded and Cast Aluminum  
 FINISH: DBZ 313  
 US28 / 628





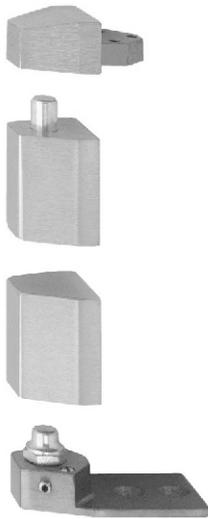
## PIVOTS

### 3/4" OFFSET - PIVOT SETS

- Suitable for aluminum frames and doors weighing up to 125 lbs. (57 kg)
- Matching contemporary design
- Extruded or Cast Aluminum
- Full race ball-bearing and oilite bronze bushing
- Fully retractable, spring loaded top pin for easy door installation and adjustment
- 1/8" (3 mm) vertical adjustment



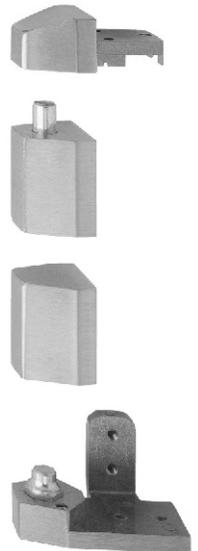
**Set No. J-25**  
**Set No. J-26**



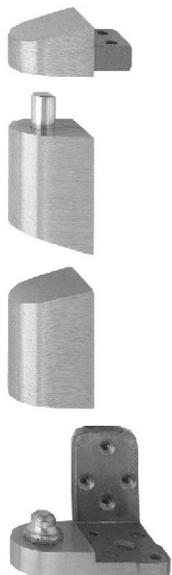
**Set No. J-27**  
**Set No. J-28**



**Set No. J-30**  
**Set No. J-31**



**Set No. J-43**



**Set No. J-34**



**Set No. J-40**



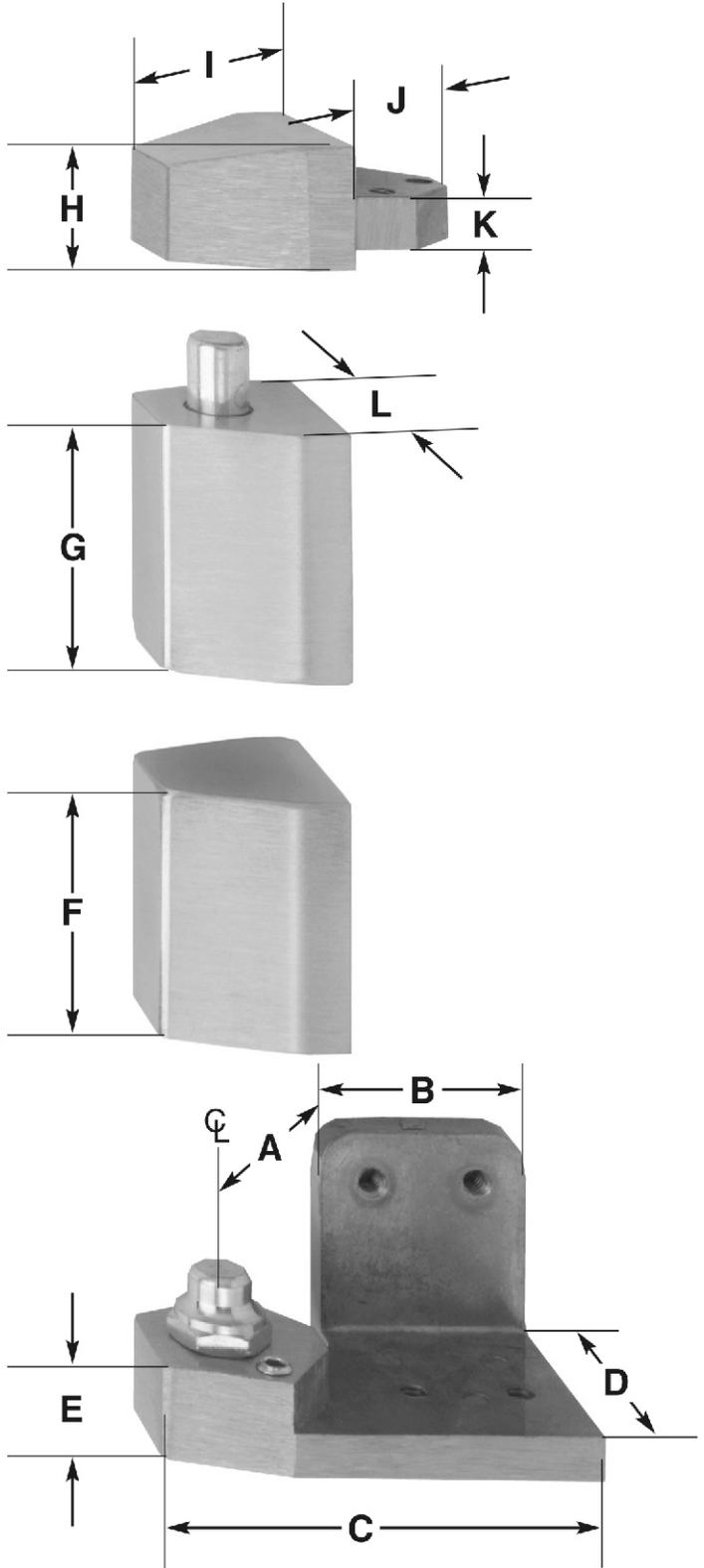
**Set No. 41**

**NOTE:** See page D6 for individual parts breakdown.



## PIVOTS

### 3/4" OFFSET - PIVOT SETS



Set #	Hand	Application	A	B	C	D	E	F & G	H	I	J	K	L
J-25	R or L	Flush w/frame face	1" (25)	1 1/2" (38)	3" (76)	1 29/32" (48)	1 1/16" (17)	1 3/4" (44)	7/8" (22)	1 1/4" (32)	29/32" (23)	3/8" (10)	1 3/8" (35)
J-26	R or L	Recessed 1/8"	1" (25)	1 1/2" (38)	3" (76)	1 29/32" (48)	1 1/16" (17)	1 3/4" (44)	7/8" (22)	1 1/4" (32)	29/32" (23)	3/8" (10)	1 3/8" (35)
J-27	NH	Flush w/frame face	NA	NA	3" (76)	1 5/8" (41)	1 1/16" (17)	1 3/4" (44)	7/8" (22)	1 1/4" (32)	29/32" (23)	3/8" (10)	1 3/8" (35)
J-28	NH	Recessed 1/8"	NA	NA	3" (76)	1 5/8" (41)	1 1/16" (17)	1 3/4" (44)	7/8" (22)	1 1/4" (32)	29/32" (23)	3/8" (10)	1 3/8" (35)
J-30	R or L	Flush w/frame face	1" (25)	7/8" (22)	3" (76)	1 7/8" (48)	1 1/16" (17)	1 3/4" (44)	7/8" (22)	1 1/4" (32)	29/32" (23)	3/8" (10)	1 3/8" (35)
J-31	R or L	Recessed 1/8"	1" (25)	7/8" (22)	3" (76)	1 7/8" (48)	1 1/16" (17)	1 3/4" (44)	7/8" (22)	1 1/4" (32)	29/32" (23)	3/8" (10)	1 3/8" (35)
J-34	R or L	Flush w/frame face	7/8" (22)	1 3/16" (30)	2 3/4" (70)	1 15/16" (49)	1/2" (13)	2 5/8" (55)	15/16" (24)	1 3/8" (35)	3/4" (19)	7/16" (11)	1 3/8" (35)
J-40	R or L	Recessed 1/8"	29/32" (23)	1 3/16" (30)	3" (76)	1 15/16" (49)	1/2" (13)	2 1/4" (57)	3/4" (19)	1 1/4" (32)	15/16" (23)	3/8" (10)	1 3/8" (35)
J-41	R or L	Recessed 3/32"	7/8" (22)	1 3/16" (30)	2 3/4" (70)	1 15/16" (49)	1/2" (13)	2 5/8" (55)	1 1/8" (29)	1 1/4" (32)	15/16" (23)	7/16" (11)	1 3/8" (35)
J-43	R or L	Flush w/frame face	1" (25)	7/8" (22)	3" (76)	1 7/8" (48)	1 1/16" (17)	1 3/4" (44)	1" (25)	1 9/32" (33)	15/16" (23)	3/8" (10)	1 3/8" (35)

(mm)



## **PIVOTS**

### **3/4" OFFSET - PIVOT SETS**

## **PIVOT COMPONENT LISTING**

<b>SET NO.</b>	<b>HEADER AND FLOOR</b>	<b>TOP DOOR AND BOTTOM DOOR</b>
J-25 RH	42-1570	42-1594
J-25 LH	42-1571	42-1594
J-26 RH	42-1578	42-1594
J-26 LH	42-1579	42-1594
J-27	42-1568	42-1594
J-28	42-1576	42-1594
J-30 RH	42-1572	42-1594
J-30 LH	42-1573	42-1594
J-31 RH	42-1580	42-1594
J-31 LH	42-1581	42-1594
J-34 RH	42-1566	42-1592
J-34 LH	42-1567	42-1592
J-40 RH	42-1574	42-1596
J-40 LH	42-1575	42-1596
J-41 RH	42-1562	42-1590
J-41 LH	42-1563	42-1590
J-43 RH	42-1564	42-1594
J-43 LH	42-1565	42-1594



## PIVOTS

### PIVOT SETS

**For 1-3/4" Aluminum Doors weighing not more than 125 lbs. (57 kg)**



**213** Walking beam  
Top Pivot



**673A** Top Door Arm  
w/nylon bushing



**676** Bottom Door Arm  
w/Ball Bearing Race



**678** Floor Portion  
w/Steel Pin

**670M - Center-Hung**



**691** Top Header Portion  
w/nylon bushing



**684** Offset Arm



**685** Pivot Pin



**684** Offset Arm



**686** Bearing Holder  
w/Ball Bearing Race



**678** Floor Portion  
w/Steel Pin

**689 - Offset (non-handed)**

**For 1-3/4" Wood or Hollow Metal Doors weighing not more than 125 lbs. (57 kg)**



**213K** Walking Beam Top  
Pivot w/cover plate



**653A** Top Door Arm  
w/nylon bushing



**676** Bottom Door Arm  
w/Ball Bearing Race



**678** Floor Portion  
w/Steel Pin

**650M - Center-Hung**



**691** Top Header Portion  
w/nylon bushing



**694** Offset Arm



**685** Pivot Pin



**694** Offset Arm



**686** Bearing Holder  
w/Ball Bearing Race



**678** Floor Portion  
w/Steel Pin

**690 - Offset (non-handed)**