

The closer you get..
the better we look.



GSDC

Gulf States Door Control

5144 Rochelle Road
Rockwall, TX 75082
Metro 972-771-1014
Toll Free 1-800-266-4950
Fax 800-940-3667

www.gsdcinc.com

★★★★★★★★

Commercial Door Hardware
version 2.5

Welcome to Gulf States Door Control....

For twenty-five years, Gulf States Door Control has brought the best in door closers and door hardware to customers from the east coast to the west coast. When we say "The Closer You Get - The Better We Look" our focus is in growing a great relationship with every customer. And as our company continues to grow, we're taking new strides in efforts to reach new customers even throughout the world! And to all those customers that have helped us grow, we're wanting you to continue to grow with us. As you are a part of the past success, we know that you're a part of the future success of GSDC! We believe that our reputation depends on your satisfaction!

Since 1983, Gulf States Door Control has been a leading supplier in the door hardware industry. From our warehouse in Rockwall, Texas, we're able to stock a number of various products from manufacturers like Rixson, LCN, Norton, Yale, Kawneer, Jackson, Dorma, Adams-Rite, Doromatic, Von Duprin, and many other leading manufacturers. Having an array of partnerships like this, it allows us the ability to quickly give to you, the customer, the product that you need on any given jobsite at a very competitive price.

At GSDC, we're committed to going beyond the call of duty. That's why we offer one of the largest line of rebuilt door closers in the world! All of our rebuilt door closers are built by hand (not machine) by our quality-trained staff right here at our headquarters in Rockwall, Texas. Each closer is then tested, regulated, and checked again by team leaders for any flaws or blemishes. The date of manufacturing is then stamped on the closer and shipped to your location in as quick as one day. "What does this mean for me?", you ask. Well, this means you can receive a door closer to fit the exact same hole pattern as the closer that you're replacing for usually less than half of the cost of buying a new closer! And you get our warranty with it!! Needing to keep stock on a certain door closer, but not wanting to spend the money on new hardware? At GSDC, most common door closers are kept in stock and ready to be shipped at a moment's notice! Needing to keep an original historical look on a building? We build the original 'pot belly' traditional closers with all new gaskets and seals! Door closers mounted in the floor giving you fits? Give GSDC a call. We 'floor' the competition!

Give us a call anytime during our normal business hours, Monday thru Friday, 7:30 am until 4:00 pm. Our staff will be here to answer any question you may have, from pricing to detailed instructions and 'how-to' information. Or check us out online @ www.gsdcinc.com. We're looking forward to hearing from you soon!

Winn Nordstrom, President / Owner
winn@gsdcinc.com
 Gulf States Door Control, Inc.
 5144 Rochelle Rd
 Rockwall, TX 75032



Call (800) 266-4950 Fax (800) 940-3667

Check us out online @ www.gsdcinc.com

Our program is designed to make your dealings with GSDC as simple as possible. The information below explains our general business guidelines. For 25 years, our philosophy has been to establish mutually beneficial relationships with our customers. We want you to feel that “the closer you get - the better we look”.

Pricing and Discounts. For the most current manufacturers pricing, call our sales department toll free at 1-800-266-4950. With today’s market and manufacturers changing pricing throughout the year, this is the best way to ensure the best discount to our customer.

Payment Terms. Our terms are Net 30 upon credit approval. Contact our sales department to obtain a credit application. New account orders will be shipped COD until credit has been approved. We also welcome MasterCard, Visa, and American Express.

Returns. Any defective material or product shipped in error by Gulf States Door Control should be returned to us within 30 days with authorization from authorized personnel of Gulf States Door Control. All other returned goods may be subject to a 25% restocking fee and the material is credited upon inspection.

Special Factory Orders. Due to manufacturers’ policies, non-stock and special orders can not be cancelled once the order has been placed with the factory. Special order materials are non-returnable, unless defective.

New Product Warranty. All products sold by Gulf States Door Control are covered by various warranty periods. For current warranty information, please contact the warranty department at 1-800-266-4950.

Rebuilt Product Warranty. Gulf States Door Control, Inc. warrants that it’s products, rebuilt under our trade name, are free from defects in workmanship and material under normal use and service. This warranty does not cover defects and/or damages due to improper installment, maintenance, storage, shipping and handling, misuse, abuse, accident, unauthorized service, or acts of the Almighty God.

Rebuilt Door Closer Warranty Periods (from date of invoice)

Surface and Overhead concealed Closers - 1 year

Floor Closers - 2 years ThinSlab closers - 1 year

At Gulf States Door Control, your total satisfaction is our ultimate goal. If you are not satisfied with any aspect of your GSDC experience, we want to know about it. We will make every effort to correct the situation and respond to any questions or comments that you may have. Feel free to contact us at any time during our normal business hours, Monday through Friday, 7:30 a.m. to 4:00 p.m. Central Standard Time.





get in gear

Gulf States Door Control

Supreme Service
Superior Knowledge
Renowned Experience
Innumerable Resources

Just a few words to describe us.

Call (800) 266-4950 Fax (800) 940-3667

GSDC
25
years

Check us out online @ www.gsdcinc.com

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Servicing and Providing

the BEST



GSDC Inc.com
Gulf States Door Control

for 25 years!

In October of 1983, Winn Nordstrom took a hold of a dream and grew a business that started in Rockwall , Texas, under the name of

Gulf States
DOOR CONTROL

In 1983, Winn's sister, Kathy, doodled our first logo.

Gulf States
DOOR CONTROL INC



In 2008, we introduced a fresh look that also includes our website address as GSDC looks to the future!

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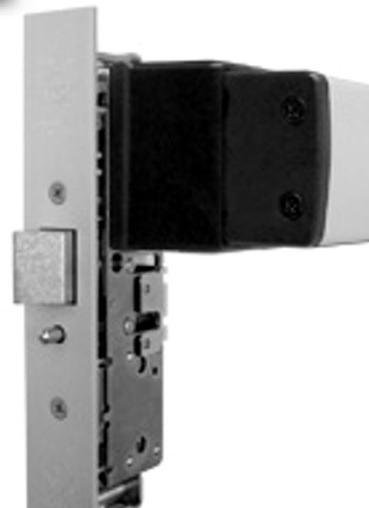
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25
years

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ADAMS RITE
MANUFACTURING CO.

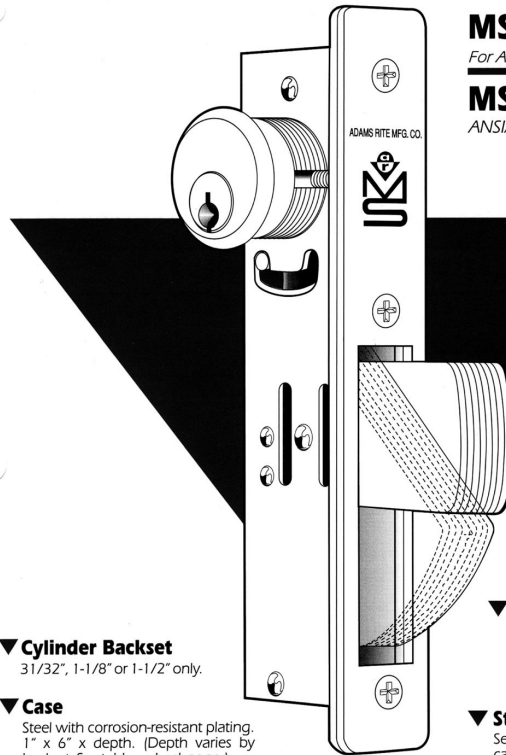
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since 1983



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MS® Deadbolt
 For Aluminum Stile Doors - 1" x 6-7/8" Faceplate
MS1850S Series
 ANSI/BHMA Type E8211 (Grade 1)

Faceplate Shape 1850S Flat 1851S Radius 1851SW Radius w/w/strip 1852S Bevel	Backset 2 31/32" 3 1-1/8" 4 1-1/2"	Handing 15 LH or RHR 16 RH or LHR 10 Non-Handed*
MS1850S - 215 - 628		
Finish 628 Clear Anodized 313 Dark Bronze Anodized 335 Black Anodized		

▼ **Cylinder Backset**
 31/32", 1-1/8" or 1-1/2" only.

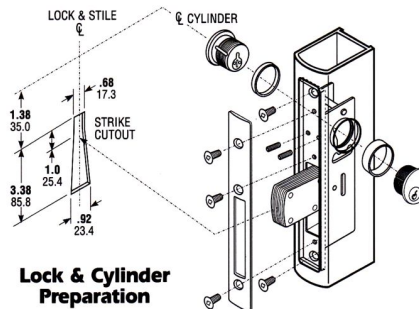
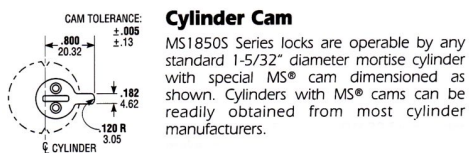
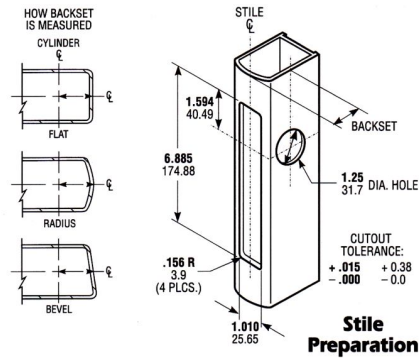
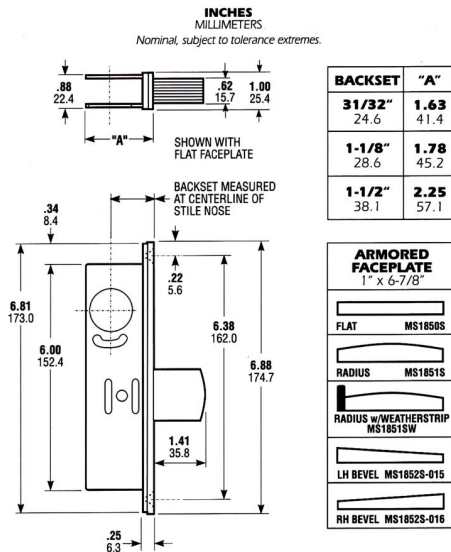
▼ **Case**
 Steel with corrosion-resistant plating. 1" x 6" x depth. (Depth varies by backset. See table on back page.)

▼ **Function**
 A huge bolt of laminated stainless steel, nearly three inches long, activated by an uncomplicated pivot mechanism, has made this basic MS® Deadbolt the standard of the narrow stile door industry. The length of this bolt provides maximum security for a single leaf door, even a very tall and flexible one or an installation where the gap between door and jamb is greater than it should be.

▼ **Bolt**
 5/8" x 1-3/8" x 2-7/8" with 1-3/8" throw. Eight ply laminated stainless steel. Center ply has Alumina-Ceramic core to defeat any hacksaw attack, including rod-type "super" hacksaws.

▼ **Strike**
 See back page for dimensions of strike slot which can be cut in metal jamb. Trim plate, box strike and armored strike are also available. (See page SW-16.)

▼ **Operation**
 360° turn of key or thumbturn throws or retracts the counterbalanced bolt. Key can be removed only when bolt is in a positively locked or unlocked position. Lock accepts any standard 1-5/32" diameter mortise cylinder or thumbturn from either or both sides. Cylinder must have MS® dimensioned cam.

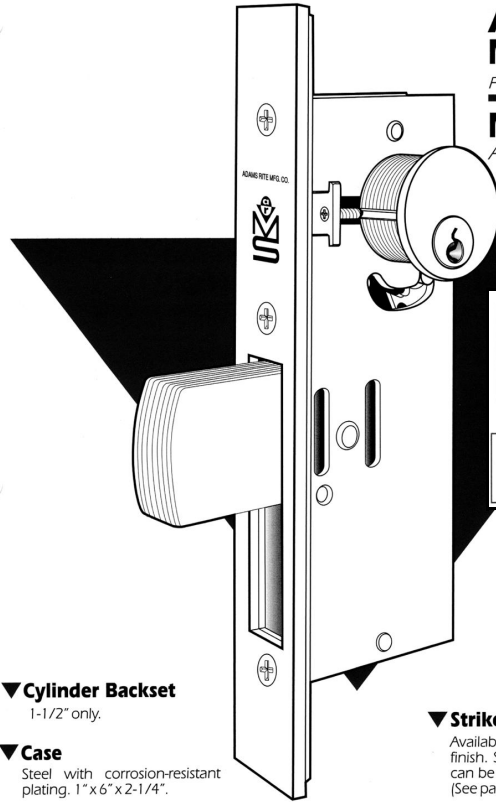


ANSI Size MS® Deadbolt

For Wood or Hollow Steel Doors

MS1850SN Series

ANSI/BHMA Type E8211 (Grade 1)



HOW TO ORDER

Faceplate Shape	Handing	Finish
1850 Flat	415 LH or RHR	628 Clear Anodized
1851 Radius	416 RH or LHR	313 Dark Bronze Anod.
1852 Bevel	410 Non-Handed*	335 Black Anodized

MS1852SN-416-628

▼ **Cylinder Backset**

1-1/2" only.

▼ **Case**

Steel with corrosion-resistant plating. 1" x 6" x 2-1/4".

▼ **Function**

For hollow steel or wood doors prepared for hardware according to the specifications of the American National Standards Institute, this MS® deadbolt provides maximum security and ease of installation. Its standard 1-1/2" backset dimension provides adequate clearance for the deep stop on the door jamb of hollow metal entrances.

▼ **Bolt**

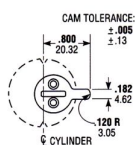
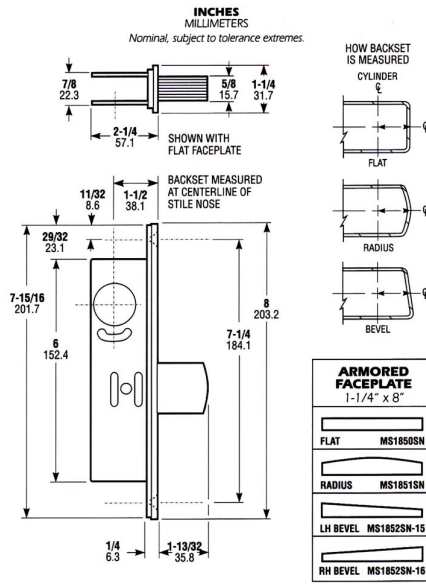
5/8" x 1-3/8" x 2-7/8" with 1-3/8" throw. Eight ply laminated stainless steel. Center ply has Alumina-Ceramic core to defeat any hacksaw attack, including rod-type "super" hacksaws.

▼ **Strike**

Available in lipped, ANSI-spec version in steel with Chrome finish. See back page for dimensions of strike slot which can be cut in metal jamb. Other strikes are also available. (See page SW-16.)

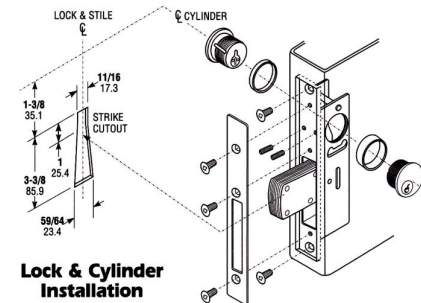
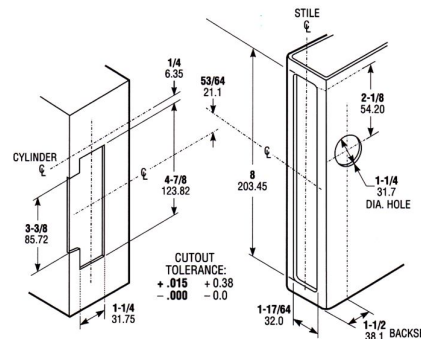
▼ **Operation**

360° turn of key or thumbturn throws or retracts the counterbalanced bolt. Key can be removed only when bolt is in a positively locked or unlocked position. Lock accepts any standard 1-5/32" diameter mortise cylinder from either or both sides. Cylinder must have MS® cam.



Cylinder Cam

MS1850SN Series locks are operable by any standard 1-5/32" diameter mortise cylinder with special MS® cam dimensioned as shown. Cylinders with MS® cams can be readily obtained from most cylinder manufacturers.



MS® Deadbolt/Latch

For Aluminum Stile Doors

MS+1890 Series

ANSI/BHMA Type E82101 (Grade 1)

▼ **Cylinder Bocket**
Available in 31/32", 1-1/8" or 1-1/2".

▼ **Case**
Steel with corrosion-resistant plating. 1" x 7-3/8" x depth.

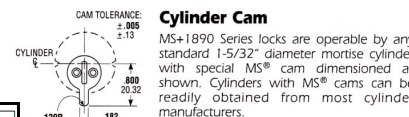
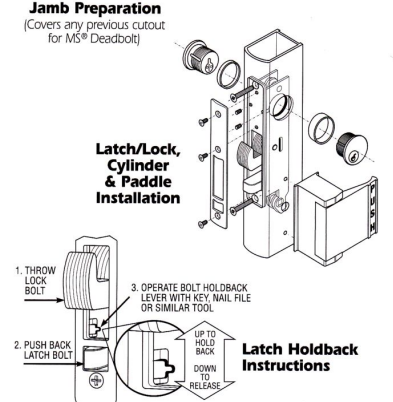
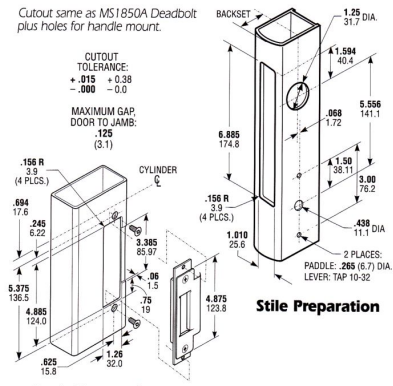
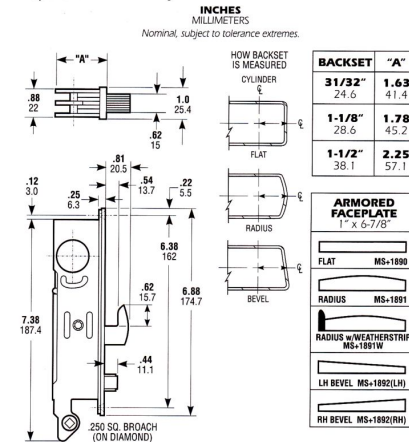
▼ **Latch Bolt**
5/8" x 5/8" with 7/16" throw. Zinc alloy with Delrin face for smooth, quiet action. Handing easily reversible. Bolt can be held fully retracted to allow door to be free swinging. (See back page.)

▼ **Function**
Deadbolt Maximum Security after hours plus traffic control convenience for management during the business day. Typical installation is a bank or store requiring three modes of door control: 1. Both lock and latch bolts retracted for unrestricted entry and exit during business hours, 2. Handle-operated latch for exit-only traffic just after closing, and 3. Maximum Security hookbolt for overnight lockup. NOTE: Handle or paddle operates latchbolt only.

▼ **Lock Bolt**
5/8" x 1-3/8" with 13/16" throw. Eight ply laminated stainless steel. Center ply has Alumina-Ceramic core to defeat any hacksaw attack, including "rod-type" "super" hacksaws. Hook shape repels prybar attempts.

▼ **Armored Strike**
Satin stainless steel trim plate with steel mounting plate and dust box. Flat strike (shown) furnished. Also available for pairs of doors in radius shape, or flat with square corners for ANSI hollow metal jambs. Flat strikes also available with longer lip. (MS+1890 Deadbolt/Latch cannot be used with electric strikes.)

▼ **Operation**
360° turn of key or thumbturn throws or retracts the hook-shaped deadbolt. 120° further turn retracts latch bolt as well. Cylinder may be any make standard 1-5/32" diameter mortise type with MS® cam. Handle retracts spring-loaded latchbolt only.



HOW TO ORDER

Faceplate Shape	Backset	Strike Shape/Lip Length
1890 Flat	2 31/32"	01 Flat/Standard Jamb
1891 Radius	3 1-1/8"	02 Radius/Standard Stile
1891W Radius w/Weatherstrip	4 1-1/2"	17 Flat/Center-Hung 4.0" Jamb
1892 Bevel		21 Flat/Center-Hung 4.5" Jamb
		XX Other Lip lengths

MS+1891-3026-628

Handing	Finish
5 LH or RHR	628 Clear Anodized
6 RH or LHR	313 Dark Bronze Anodized
	335 Black Anodized

Order HANDLE(s) separately.

4568-11 Straight Lever	4591-12 Paddle, Push to Left
4569-11 Return End Lever	4591-13 Paddle, Pull to Right
4591-11 Paddle, Pull to Left	4591-14 Paddle, Push to Right



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Bottom Rail Deadbolt

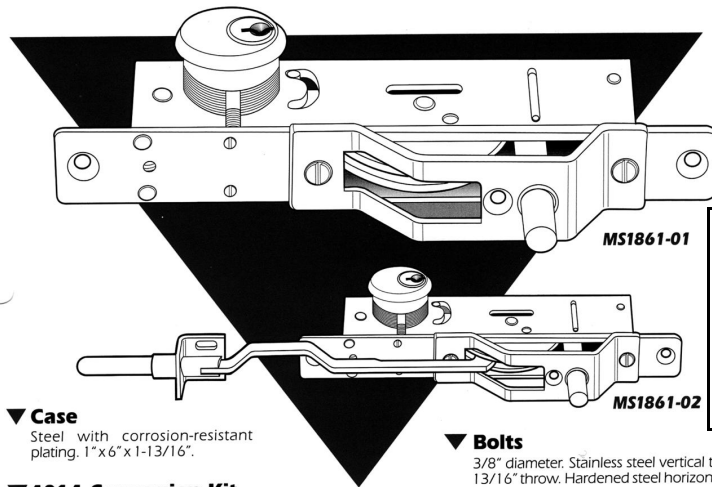
For Full Glass (Frameless) Doors

MS1861

ANSI/BHMA Type E8211 (Grade 1)

▼ Cylinder Backset

Minimum backset is approx. 2-1/4" for the MS1861-01, with vertical bolt only. The MS1861-02, with vertical and horizontal bolt, requires placement of cylinder centerline 5-3/4" from nose of door. Both have cylinder center 1-7/8" above bottom edge of door.



HOW TO ORDER

Bolt Operation	
01	Vertical Bolt only
02	Vert. & Horiz. Bolts
MS1861-01	

▼ Case

Steel with corrosion-resistant plating. 1"x6"x1-13/16".

▼ 4014 Conversion Kit

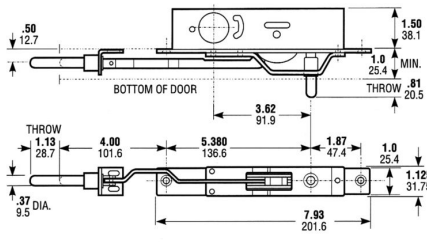
To convert MS1861-01 to MS1861-02, Kit 4014 provides horizontal bolt assembly with guide and attachment fittings.

▼ Function

Using the same overcenter/pivot locking mechanism as the basic MS® deadbolt, the MS1861 lies horizontally in the bottom rail of ultra-narrow stile doors, which have insufficient vertical space for a lock and tempered glass doors, which have no stile at all. The hardened steel cylindrical bolts allow simple drilled strike holes of a relatively small size to minimize the nuisance and danger presented by some threshold strikes in collecting debris and catching women's heels. MS1861-02 locks either single-leaf or paired doors.

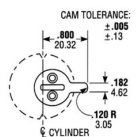
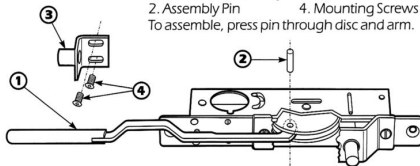
INCHES
MILLIMETERS
Nominal, subject to tolerance extremes.

UNIT ILLUSTRATED IS MS1861-02. (BOTH HORIZONTAL & VERTICAL BOLTS INCLUDED.)
CATALOG NUMBER FOR VERTICAL BOLT OPERATION ONLY IS MS1861-01.
CONVERSION KIT NO. 4014 AVAILABLE TO CONVERT MS1861-01 TO MS1861-02. SEE BELOW:



4014 Conversion Kit

The 4014 Conversion Kit consists of:
1. Arm & Bolt assembly 3. Bolt Guide Bracket
2. Assembly Pin 4. Mounting Screws
To assemble, press pin through disc and arm.



Cylinder Cam

MS1861 Series locks are operable by any standard 1-5/32" diameter mortise cylinder with special MS® cam dimensioned as shown. Cylinders with MS® cams can be readily obtained from most cylinder manufacturers.

▼ Bolts

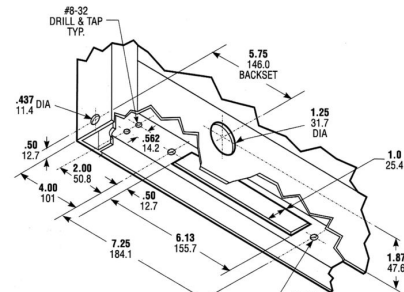
3/8" diameter. Stainless steel vertical threshold bolt has 13/16" throw. Hardened steel horizontal bolt has 1-1/8" throw.

▼ Strikes

In metal installations, 7/16" drilled holes in threshold are required. For MS1861-02, drilled holes are also required in jamb or opposite door. For wood, metal plate with 7/16" hole must be provided for each bolt.

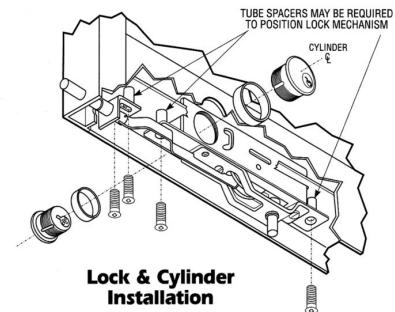
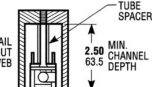
▼ Operation

360° turn of key or thumbturn throws or retracts bolt(s). Key can be removed only when bolts are in a positively locked or unlocked position. Lock accepts any standard 1-5/32" diameter mortise cylinder from either or both sides. Cylinder must have MS® cam.



Rail Preparation for MS1861-02

BOTTOM DOOR RAILS WITH WEB WILL REQUIRE MACHINING AS SHOWN ABOVE. POSITION OF WEB WILL DETERMINE TUBE SPACER REQUIREMENT AND TUBE SPACER LENGTH.



Lock & Cylinder Installation



Bottom Rail Deadbolt Swing Bolt

For Full Glass (Frameless) Doors

1830

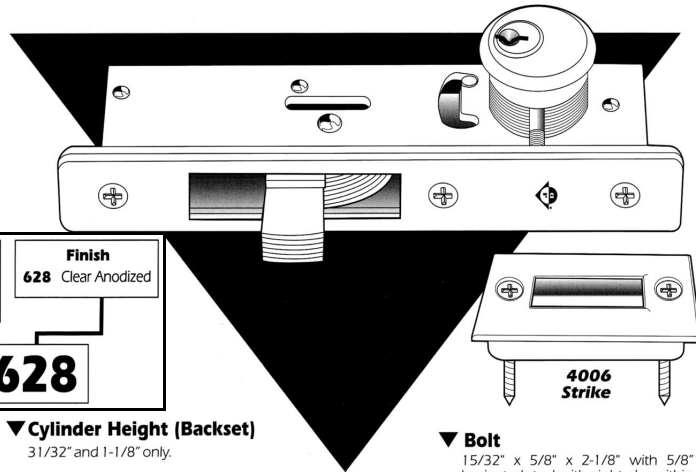
ANSI/BHMA Type E8211 (Grade 1)

HOW TO ORDER

Dash No.
Specify for lock depth and cylinder height according to chart above

Finish
628 Clear Anodized

1830 - 02 - 628



▼ **Cylinder Height (Backset)**
31/32" and 1-1/8" only.

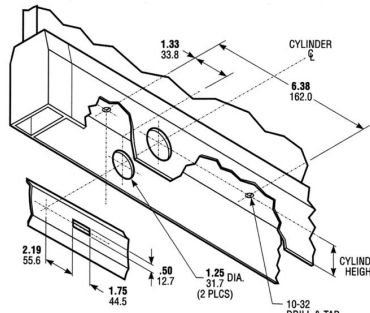
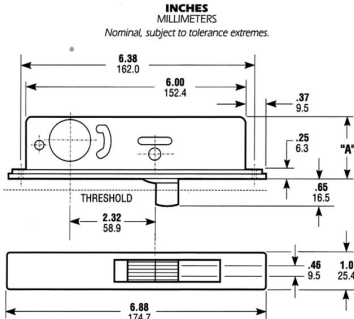
▼ **Case**
Steel with corrosion-resistant plating. 1" x 6" x depth. (Depth varies with cylinder height. See table on back page.)

▼ **Function**
For bottom rail locking of ultra-narrow stile or tempered glass doors whose bottom rail (shoe) is too shallow for the MS1861 (page SW-5). Mechanism is that of the MS1850A Deadbolt, but with the bolt size reduced. This keeps the threshold strike opening to a practical minimum, avoiding collection of debris or snagging of spike-heeled shoes. Armor faceplate protects cylinder setscrews from tampering and keeps them from loosening.

▼ **Bolt**
15/32" x 5/8" x 2-1/8" with 5/8" throw. Six ply laminated steel with eight plys within case. Center ply has Alumina-Ceramic core to deter hacksaw attack.

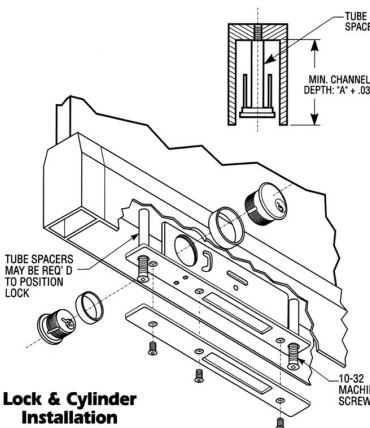
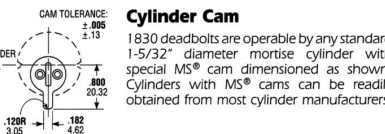
▼ **Strike**
See back page for dimensions of strike slot which can be cut in metal thresholds. 4006 strike (shown) is optionally available, with stainless steel trimplate and plastic box.

▼ **Operation**
360° turn of key or thumbturn throws or retracts the counterbalanced bolt. Key can be removed only when bolt is in a positively locked or unlocked position. Lock accepts any standard 1-5/32" mortise cylinder from either or both sides. Cylinder must have MS® cam.



Stile & Threshold Preparation

DASH NO.	CYLINDER HEIGHT	DIM. "A"
-02	31/32" 24.6	1.63 41.4
-03	1-1/8" 28.6	1.78 45.2



Two-Point Deadbolt

For Wood Doors

MS1837

ANSI/BHMA Type E8241 (Grade 1)

HOW TO ORDER

MS1837 - 313

If Cylinder Height other than 36" is required, specify exact height from bottom of door to cylinder center.

Specify 4005 Strike separately if required for threshold bolt.

Finish	
628	Clear Anodized
605	Bright Brass
313	Dark Bronze Anodized
335	Black Anodized

▼ **Cylinder Backset**
1-1/2" only.

▼ **Pivoted Bolt**
5/8" x 1-3/4" x 2-7/8" with 1-3/8" throw. Eight-ply laminated steel with Alumina-Ceramic core to deter hacksaw attack.

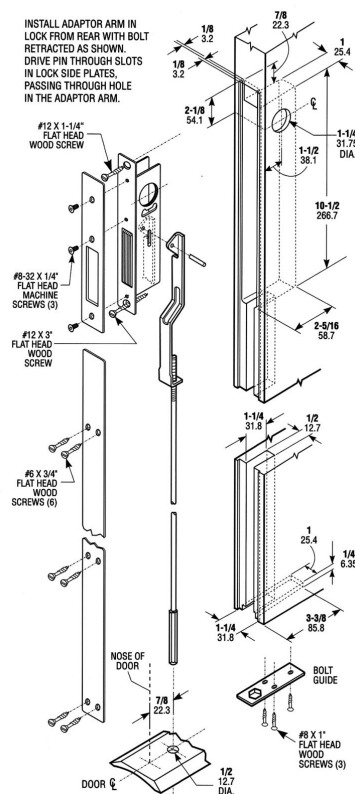
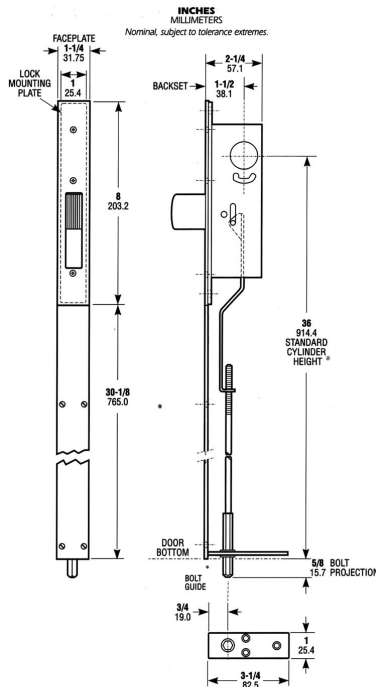
▼ **Threshold Bolt**
Hexagonal 3/8", flat to flat. Made of stainless steel.

▼ **Function**

Maximum Security for wood door pairs by a single turn of a key is provided with the MS1837. Dropping a stainless steel hexbolt into the threshold and pivoting the massive MS® bolt into the opposite leaf, the MS1837 eliminates inconvenient and sometimes forgotten flushbolts in the inactive leaf.

▼ **Operation**

360° turn of key or thumbturn throws counterbalanced bolt into opposite door and drop bolt into threshold. Key can be removed only when bolts are in a positively locked or unlocked position. Lock accepts any standard 1-5/32" mortise cylinder from either or both sides. Cylinder must have MS® cam.



Threshold Bolt

For Aluminum Stile Doors

4015

ANSI/BHMA Type E824.1 (Grade 1)

▼ Cylinder Height

Standard threshold bolt rod is sufficient for cylinder height up to 53-7/16". It is fully threaded and can be cut off for low cylinder heights. Also available to volume users, cut and threaded only for specific cylinder heights.

HOW TO ORDER

Add Dash Number for "universal" size

4015 -18

▼ Adjustment

Exact adjustment of threaded rod to cylinder height is locked in place by hexagonal threshold bolt.

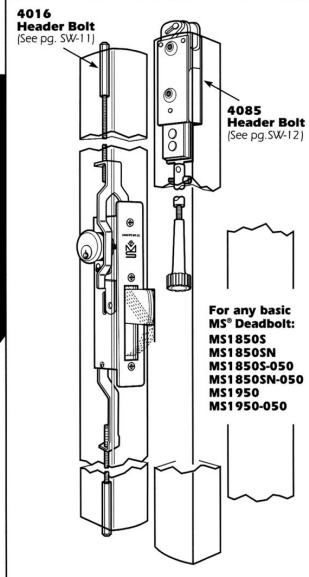
▼ Strike

For drop-bolt, a 1/2" diameter hole in metal threshold is suitable or, for non-metal installations, 4005 strike is available.



▼ Function

Adding the 4015 bolt to a pivoted bolt MS® deadbolt allows Maximum Security for pairs of doors by the turn of a single key. Simultaneously dropping a stainless steel hexbolt into the threshold and pivoting the massive MS® bolt into the mating door's stile, the two-point lock secures the entire double door entrance. The 4015 threshold bolt is harnessed to the rear of the pivoted bolt. It may be added to any basic MS1850S or MS1850SN deadbolt.



For any basic MS® Deadbolt:
MS1850S
MS1850SN
MS1850S-050
MS1850SN-050
MS1950
MS1950-050

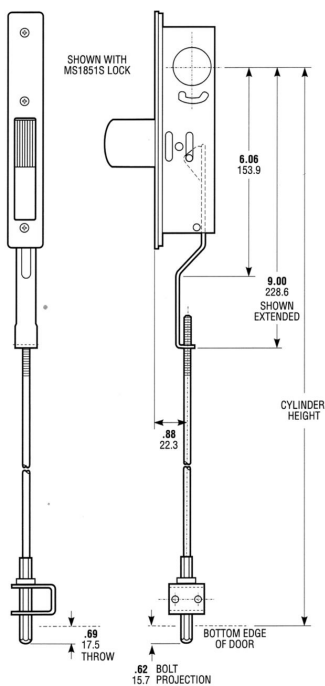
▼ Threshold Bolt

Hexagonal 3/8" flat to flat. Made of stainless steel.

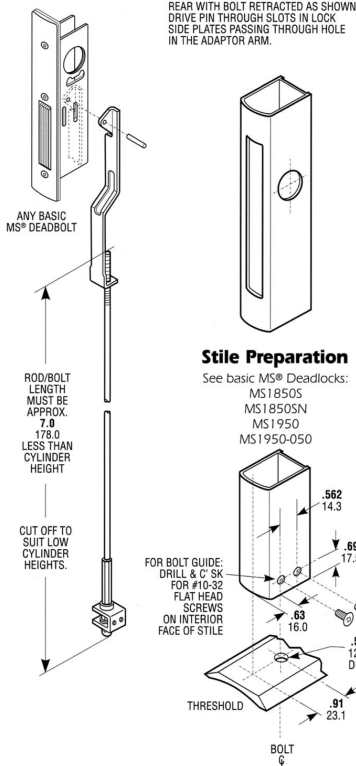
▼ Operation

360° turn of key or thumbturn in basic MS® lock throws counterbalanced bolt into opposite door and drop-bolt into threshold. Key can be removed only when bolts are in a positively locked or unlocked position.

INCHES
MILLIMETERS
Nominal, subject to tolerance extremes.



INSTALL ADAPTOR ARM IN LOCK FROM REAR WITH BOLT RETRACTED AS SHOWN. DRIVE PIN THROUGH SLOTS IN LOCK SIDE PLATES PASSING THROUGH HOLE IN THE ADAPTOR ARM.



Stile Preparation

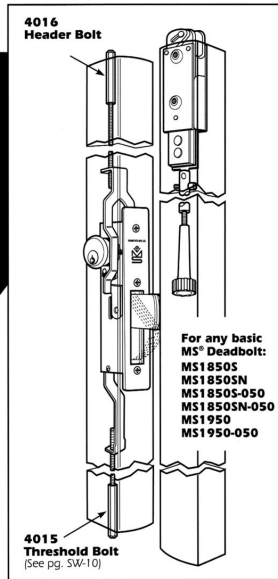
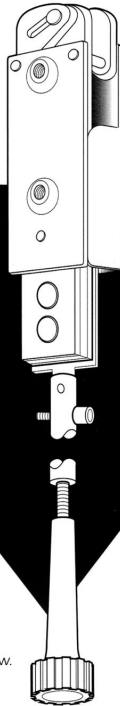
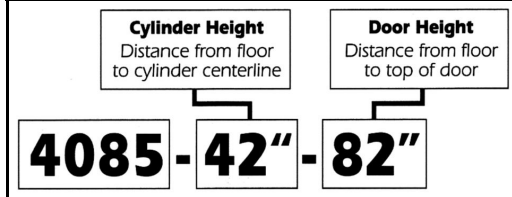
See basic MS® Deadlocks:
MS1850S
MS1850SN
MS1950
MS1950-050



Header Bolt
Pairs of Doors only
 For Aluminum Stile Doors

4085
 ANSI/BHMA Type EB261 (Grade 1)

HOW TO ORDER



▼ **Adjustment**

Minor adjustment of rod length is accomplished by turning nylon rod end.

▼ **Header Bolt**

1/2" x 1-1/2" expanding bolt with 5/8" throw. Housed in 1-1/2" x 2-3/4" x 5/8" case.

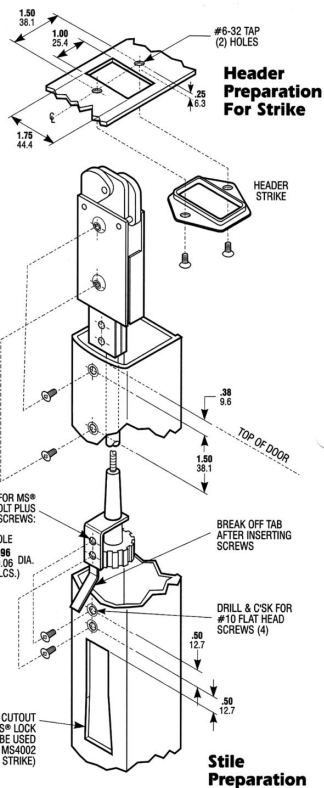
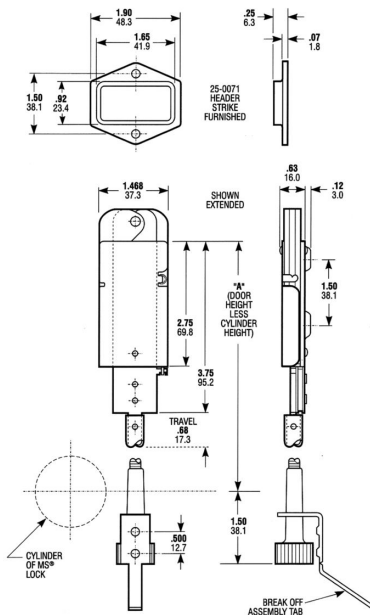
▼ **Function**

Designed to add a top-of-door third locking point for pairs of doors with an MS® pivoted bolt deadbolt and 4015 Threshold bolt in the active leaf. The 4085 is mounted in the inactive leaf. This additional bolt, triggered by the pivoted MS® bolt, expands in a "scissors" action to center itself in its strike as it rises. This action saves the key holder from the difficulty of lining up the doors with three separate strikes, even if doors are misaligned due to faulty installation or settling. The three-point features may be added to any basic MS1850S/MS1850SN or MS1950 deadbolt.

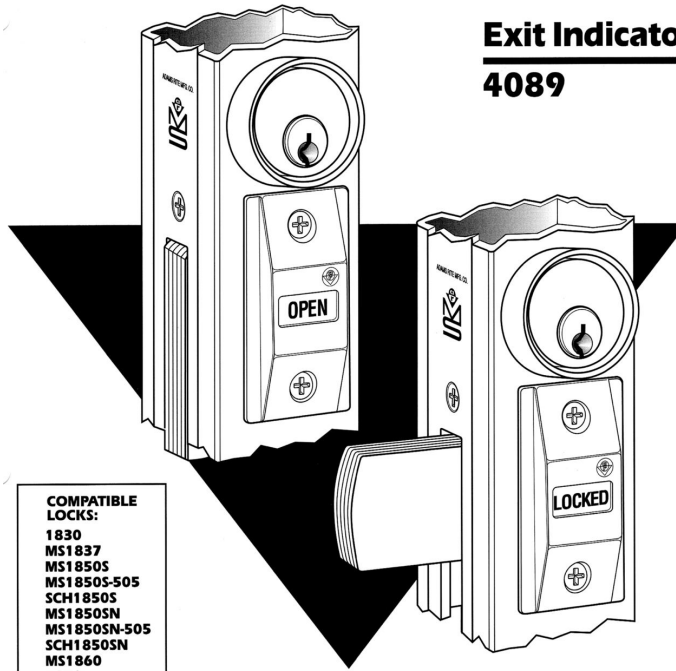
▼ **Operation**

360° turn of key or thumbturn in basic MS® lock throws counterbalanced bolt into opposite door; kicking positioner bolt into header strike. (Positioner bolt may be manually thrown before closing active leaf to reduce effort on key-bow.) Key can be removed only when bolts are in a positively locked or unlocked position.

INCHES
MILLIMETERS
 Nominal, subject to tolerance extremes.



Exit Indicator 4089



- COMPATIBLE LOCKS:**
1830
MS1837
MS1850S
MS1850S-50S
SCH1850S
MS1850SN
MS1850SN-50S
SCH1850SN
MS1860
1870
MS+1890

▼ Function

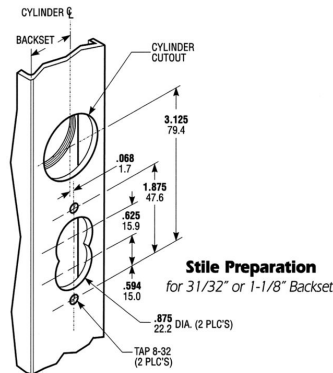
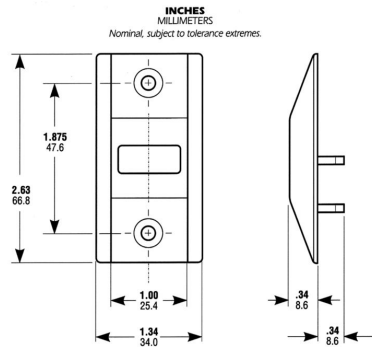
Provides unmistakable notification of an exit door's "locked" or "open" condition. Under many local building safety codes, this allows the use, in certain occupancies, of a security deadlock instead of less secure panic devices. It includes two permanent adhesive header signs: "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS." (That wording is according to Uniform Building Code.) The second sign for NFPA and other local codes reads: "THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED."

▼ Message Panel

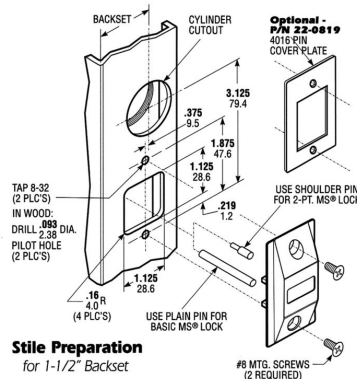
"OPEN" appears in black letters on white background when lock is retracted and "LOCKED" in red letters when actuated. Also available with red (locked) and green (unlocked) wordless panels.

▼ Material/Finish

Indicator escutcheon is zinc alloy with 130 (Satin Aluminum) Ritecoat finish. See page SW-33 for other Ritecoat finishes. Header sign is clear aluminum match with black letters.



* This sign correct under Uniform Building Code. Also includes NFPA wording "THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED".



HOW TO ORDER

Options	Finish
-00 Standard - 1-3/4" Door	130 Satin Aluminum
-01 For Inverted Lock	119 Satin Black
-20 For doors up to 2-1/2"	121 Dark Bronze
<i>(Standard unit fits 1-3/4" doors)</i>	

4089-01-130



Heavy Duty Deadlatch

For Aluminum Stile Doors

4900 Series

ANSI/BHMA Type E8231 (Grade I)

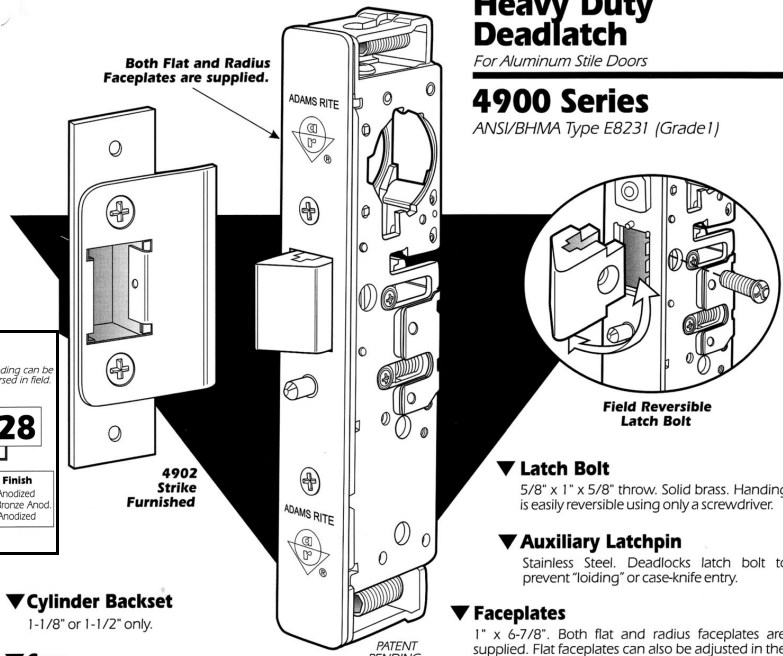
HOW TO ORDER

4900 Deadlatch	Backset 3 1-1/8"	Handing* 5 LH or RHR
4911W Radius w/ Weatherseal	4 1-1/2"	6 RH or LHR

**Handing can be reversed in field.*

4900-35-201-628

Strike Size**	Strike Shape/Lip Length**	Faceplate Finish
1 4.63" (4901)	01 Flat/Standard Jamb	628 Clear Anodized
2 7.63" (4902)	02 Radius/Standard Stile	313 Dark Bronze Anod.
	17 Flat/Centerhung 4.0" Jamb	335 Black Anodized
	21 Flat/Centerhung 4.5" Jamb	
	XX Other Lip lengths	



▼ Cylinder Backet

1-1/8" or 1-1/2" only.

▼ Case

Steel with corrosion-resistant plating, 7/8" x 5-13/16" x depth. [Depth varies by backset].
Screw-fastened tube spacer brackets allow for cleaner removal when tab mounting.

▼ Function

Flexibility of traffic control and installation is offered by the 4900 Series Deadlatches. A reverse turn of the key while bolt is held retracted retains the bolt, to allow two-way traffic for applications which require free entrance at certain times and exit-only at other times. Interchangeable, without stile modification, with any MS1850A or MS1850S deadbolt of same backset and faceplate shape. Also retrofits to existing 4500/4700 Deadlatch preparations. 1-3/4" minimum door thickness required.

▼ Faceplates

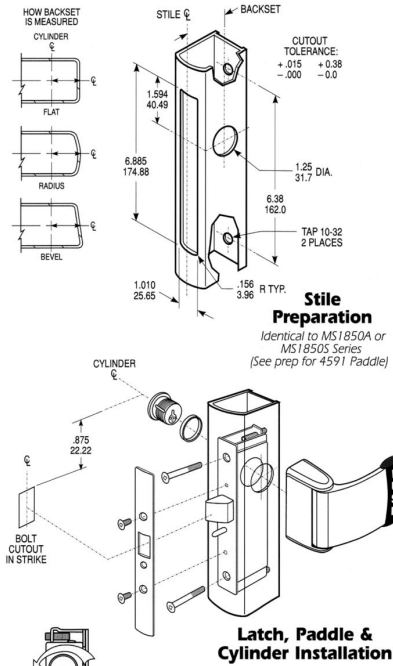
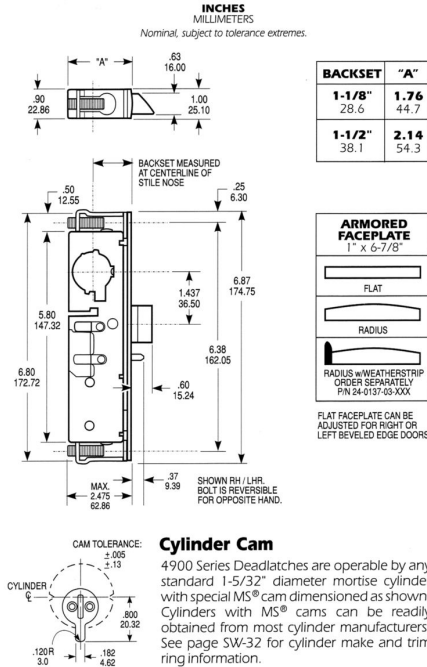
1" x 6-7/8". Both flat and radius faceplates are supplied. Flat faceplates can also be adjusted in the field for right or left beveled edge doors.

▼ Strikes

Standard strike furnished is 4902 for flat jamb where door closes flush or nearly flush. Specify 4901 for retrofit installations. Also available: radius strike for opposite stile in paired doors and long lip strikes for centerhung doors.

▼ Operation

Turn key or operate handle or paddle to retract spring-loaded latch bolt. To hold bolt retracted, push it in and secure by reverse turn of key



▼ Bolt Holdback

A reverse turn of the key (while bolt is held fully retracted) retains the bolt, allowing the door to be free swinging.

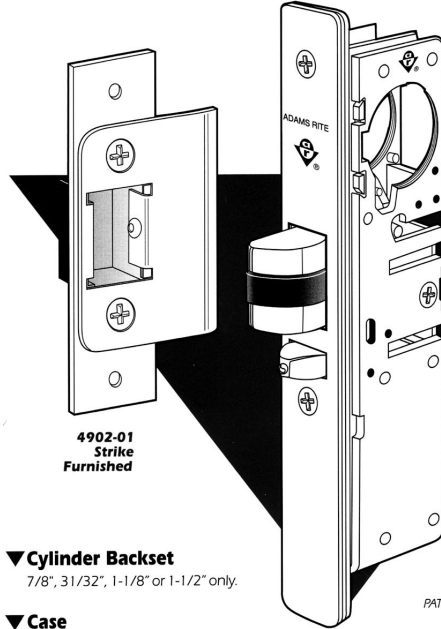


Standard-Duty Deadlatch

For Aluminum Stile Doors

4510 Series

ANSI/BHMA Type E8231 (Grade 1)



4902-01 Strike Furnished

▼ Cylinder Backset

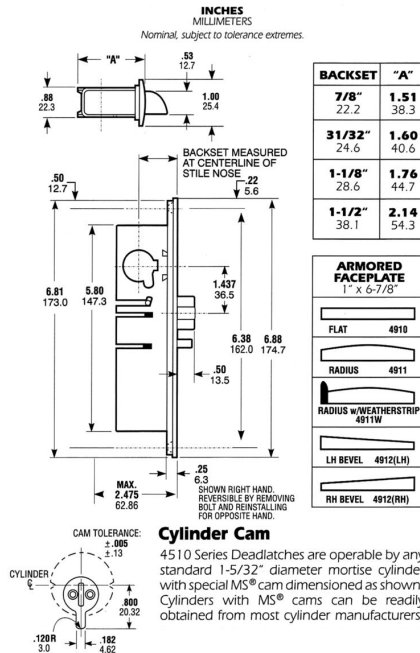
7/8", 31/32", 1-1/8" or 1-1/2" only.

▼ Case

Steel with corrosion-resistant plating. 1" x 5-13/16" x depth.

▼ Function

Flexibility of traffic control during and after business hours is offered by 4510 Series Deadlatches. A reverse turn of the key while bolt is held retracted retains the bolt, to allow two-way traffic for hospitals, banks, stores and other buildings which require free entrance at certain times and exit-only at other times. Interchangeable, without stile modification, with any MS1850A or MS1850S deadbolt of same backset and faceplate shape. (They do not, however, provide the same maximum security level as the MS® Deadbolt.)



HOW TO ORDER

Faceplate Shape 0 Flat 1 Radius 1W Radius w/Wstrip 2 Bevel	Backset 1 7/8" 2 31/32" 3 1-1/8" 4 1-1/2"	Handing 5 LH or RHR 6 RH or LHR
---	--	--

4511-36-201-628

Strike Size 1 4.63" (4901)* 2 2.63" (4902)*	Strike Shape/Lip Length 01 Flat/Standard Jamb 02 Radius/Standard Stile 17 Flat/Centerhung 4.0" Jamb 21 Flat/Centerhung 4.5" Jamb XX Other Lip lengths	Faceplate Finish 628 Clear Anodized 313 Dark Bronze Anod. 335 Black Anodized
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▼ Latch Bolt

1/2" x 1" x 1/2" throw. All metal with hardened steel internal pins. Handing is reversible without special tools.

▼ Auxiliary Bolt

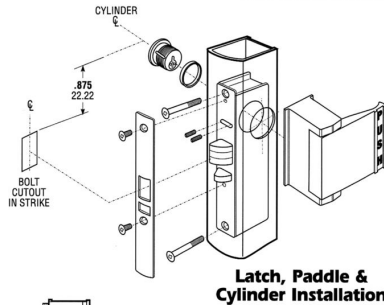
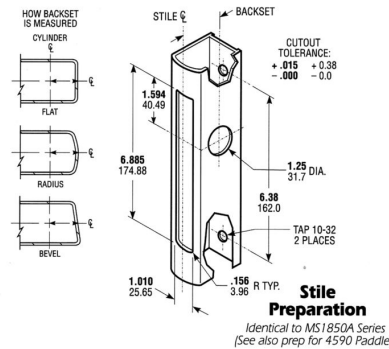
PATENTED All metal. Deadlocks latch bolt to prevent "loiding" or case-knife entry.

▼ Strikes

Standard strike furnished is 4902-01 for flat jamb where door closes flush or nearly flush. Also available: radius strike for opposite stile in paired doors; longer strike (4901) to cover slot strike of MS® lock; long lip strikes for centerhung doors.

▼ Operation

Turn key or operate handle to retract spring-loaded latch bolt. To hold bolt retracted, push it in and secure by reverse turn of key (see back page). Uses any standard mortise cylinder with MS® cam

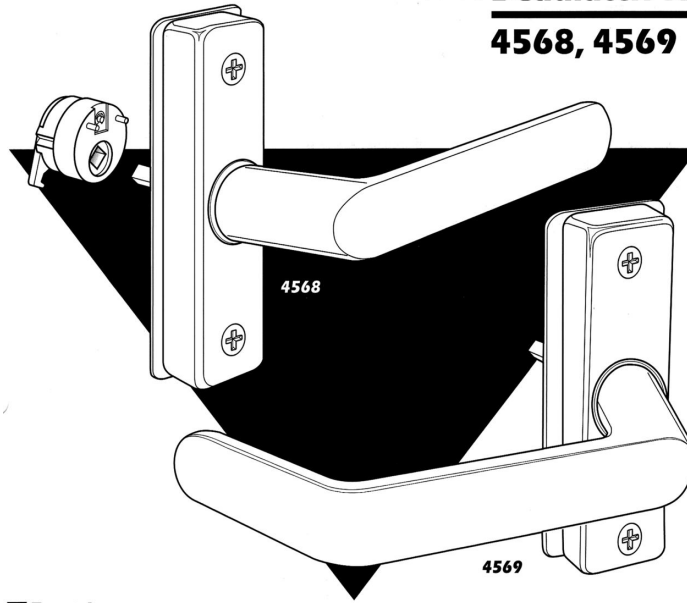


Bolt Holdback

A reverse turn of the key (while bolt is held fully retracted) retains the bolt, allowing the door to be free swinging.



**Eurostyle
Deadlatch Handles**
4568, 4569



HOW TO ORDER

Lever Type 4568 Straight 4569 Return End	Handing* 5 LH or L+R 6 RH or R+R	Door Thickness For 4500/4700/4900	
		01 1-3/4" - 2" 02 2-1/4" - 2-1/2" 03 2-3/4" - 3" 04 3-1/4"	
4568-501-121			
Door Thickness For MS+1890 11 1-3/4" 12 2" - 2-1/4" 13 2-1/2" - 2-3/4" 14 3"		Finish (Painted to Match) 130 Satin Aluminum 121 Dark Bronze 119 Satin Black	

▼ **Escutcheons**

1-3/8" x 4", designed to match the narrow stile door's clean lines. Steel mounted base is secured by hidden screws and has two large helical compression springs. (One becomes a "spare" once handling is given.) A 1/4" square heat-treated spindle is part of escutcheon assembly, which interlocks with the cam plug. Finished to match lever.

▼ **Cam Plugs**

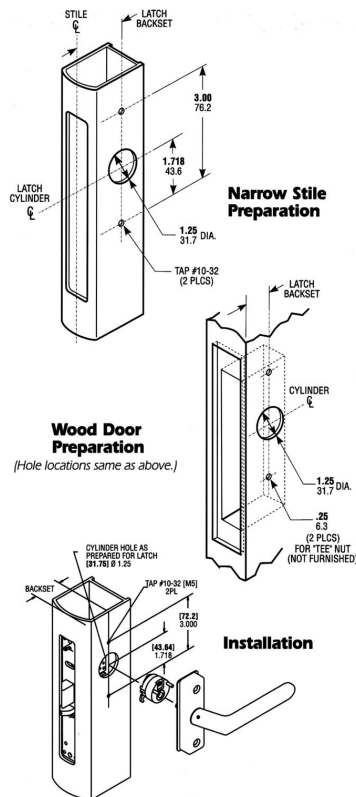
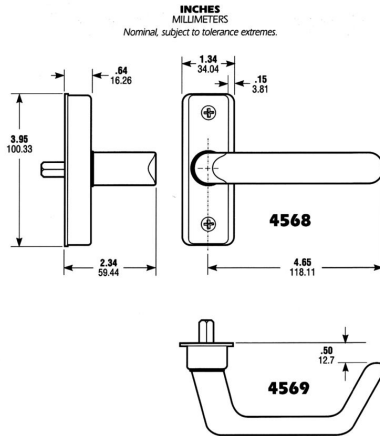
Secured in latch body by cylinder setscrew, plug is also rigidly tied to handle escutcheon by hardened steel pins. Handling can be reversed by removing a spring clip, "flopping" the cam and replacing the clip.

▼ **Function**

Designed to operate 4500/4700/4900 Series latches by a natural downward hand movement. These handles incorporate an activator cam disc that mounts on the handle escutcheon and fits solidly into the cylinder hole of the latch. Not intended for use as a door pull.

▼ **Levers**

Lever of cast aluminum, in choice of 130 Satin Aluminum, 121 Dark "Bronze" or 119 Black. Modern European styling offers a generous hand grip with shank offset away from the narrow stile jamb for hand safety. 4569 has return end to meet anti-slag code requirements.

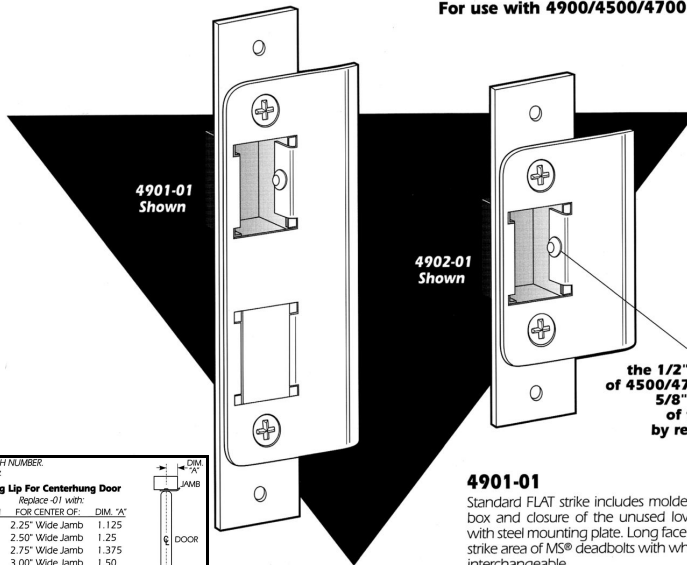


Deadlatch Strikes

For Aluminum Frame/Doors

4901, 4902

For use with 4900/4500/4700 Deadlatches



Accommodates the 1/2" wide latch bolt of 4500/4700 Latches and 5/8" wide latch bolt of the 4900 Series by removing snap-in nylon insert.

HOW TO ORDER

Specify quantity, PART NUMBER and DASH NUMBER
Order wood screws separately.

Part No.	Long Type Strike	Long Lip For Centering Door
4901-01	FLAT, with Dust Box and Mounting Plate	Replace -01 with
4901-02	RADIUS, with Dust Box and Mounting Plate	DASH FOR CENTER OF DIM. "A"
		-03 2.25" Wide Jamb 1.125
		-05 2.50" Wide Jamb 1.25
		-07 2.75" Wide Jamb 1.375
		-09 3.00" Wide Jamb 1.50
		-11 3.25" Wide Jamb 1.625
		-13 3.50" Wide Jamb 1.75
		-15 3.75" Wide Jamb 1.875
		-17 4.00" Wide Jamb 2.00
		-19 4.25" Wide Jamb 2.125
		-21 4.50" Wide Jamb 2.25

Function

Designed for use in conjunction with 4500, 4700 or 4900 Series deadlatches, these strikes offer a choice of mounting methods: a back-up mounting plate included with the 4901 and 4902 allows installation flush in a hollow section jamb. Use 4506-02 ANSI strike for wood or steel jambs. All strikes are unhandled, suitable for right or left hand doors. Strike plate material is stainless steel.

4901-01

Standard FLAT strike includes molded black plastic dust box and closure of the unused lower strike opening, with steel mounting plate. Long face is designed to span strike area of MS® deadbolts with which the deadlatch is interchangeable.

4901-02

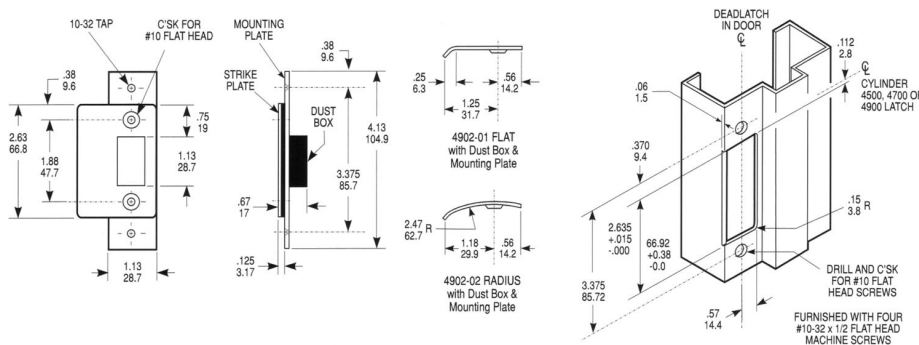
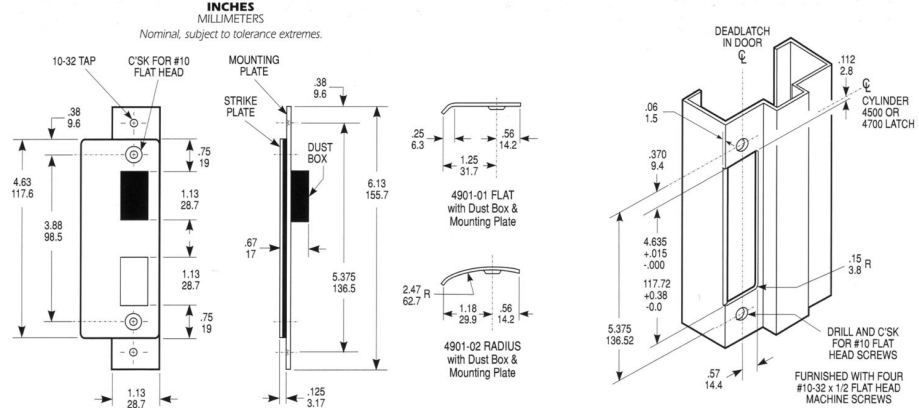
Same as 4901-01, except with RADIUS strike plate, for nose of opposite door when latching pairs.

4902-01

Standard FLAT strike furnished with the 4900 Series deadlatches. Includes molded black plastic dust box and steel mounting plate. Short face design.

4902-02

Same as 4902-01, except with RADIUS strike plate, for nose of opposite door when latching pairs.

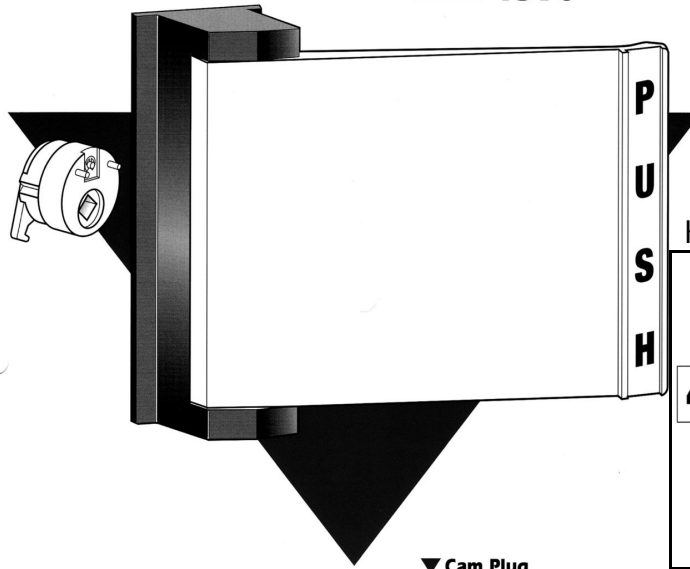


Call (800) 266-4950 Fax (800) 940-3667

Check us out online @ www.gsdcinc.com



Deadlatch Paddle 4590

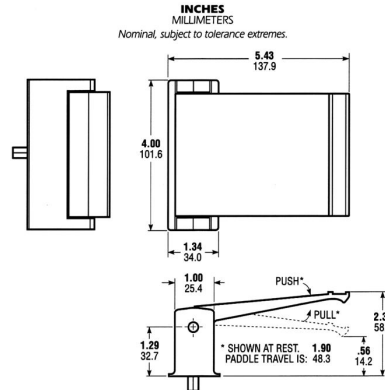


HOW TO ORDER

Operation See Table above for Dash Number	Door Thickness For MS+1890 11 1-3/4" 12 2" - 2-1/4" 13 2-1/4" - 2-3/4" 14 3"
4590 - 02 - 01 - 313	
Door Thickness 00 1-3/4" 01 1-13/16" - 2" 02 2-1/4" - 2-1/2" 03 2-3/4" - 3" 04 3-1/4"	Finish 628 Clear Anodized 313 Dark Bronze Anod. 335 Black Anodized

▼ Paddle
Extruded aluminum, 628 Clear Anodized finish (US28), 313 Dark Bronze Anodized and 335 Black Anodized.

▼ Function
An alternative to knob or lever handles. Makes opening a latched door as natural as opening an unlatched one - just push or pull in the direction the door swings. Available for any Adams Rite Series 4500/4700/4900 deadlatch or MS+1890 lock/latch.



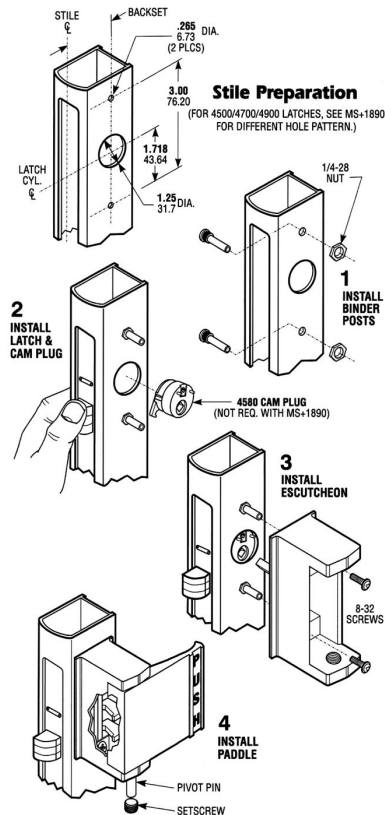
FIRST DASH	FOR LATCH SERIES	OPERATION	USE:
-01	4500/4700/4900	PULL TO LEFT	Outside of left hand reverse door or inside of right hand.
-11	MS+1890	TO LEFT	
-02	4500/4700/4900	PUSH TO LEFT	Outside of left hand door or inside of right hand reverse.
-12	MS+1890	TO LEFT	
-03	4500/4700/4900	PULL TO RIGHT	Outside of right hand reverse door or inside or left hand.
-13	MS+1890	TO RIGHT	
-04	4500/4700/4900	PUSH TO RIGHT	Outside of right hand door or inside of left hand reverse.
-14	MS+1890	TO RIGHT	

LH	-03 or -13 -02 or -12	RH	-01 or -11 -04 or -14
LHR	-04 or -14 -01 or -11	RHR	-02 or -12 -03 or -13

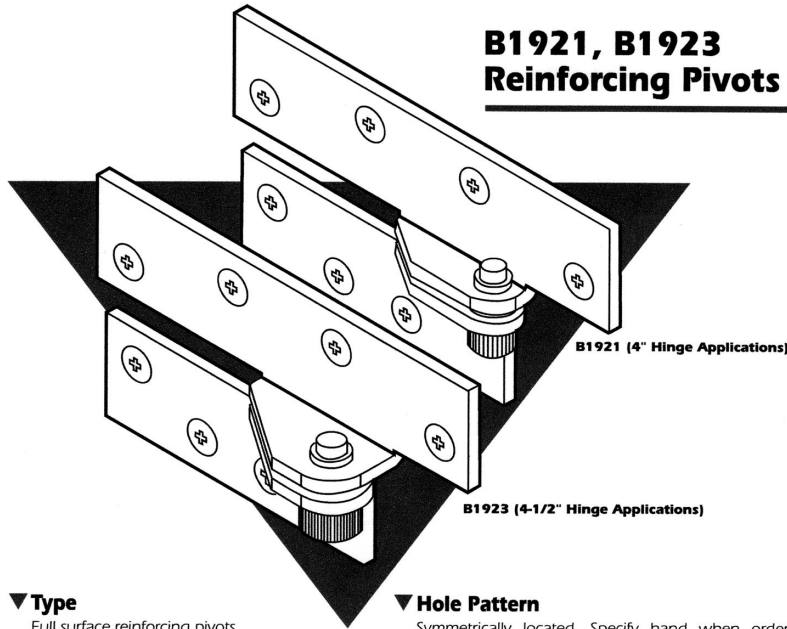
▼ Cam Plug
Furnished for use with Series 4500/4700/4900 latches. (Not used with MS+1890 lock/latch.) Secured in latch body by cylinder setscrew, plug is also rigidly tied to escutcheon by hardened steel pins.

▼ Escutcheon
Zinc alloy with Black Ritecoat finish. Houses steel operating mechanism. Secured to door stile with special binder posts that extend into the escutcheon to rigidly resist torque loads in any direction.

▼ Operation
Available in four modes: Push to left, Push to right, Pull to left and Pull to right.



B1921, B1923 Reinforcing Pivots



▼ Type
Full surface reinforcing pivots for flush doors.

▼ Finish
Zinc plating over steel.

▼ Material
Heavy-duty 3/16" (.187) cold-rolled steel.

▼ Cycle Testing
1,500,000 repetitions.

▼ Capacity
Supports weights up to 300lbs.

▼ Hole Pattern
Symmetrically located. Specify hand when ordering.

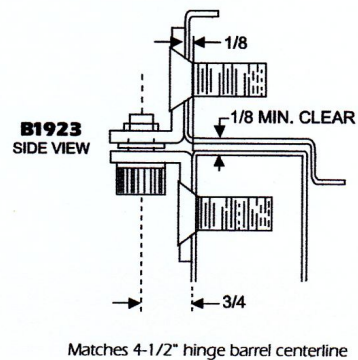
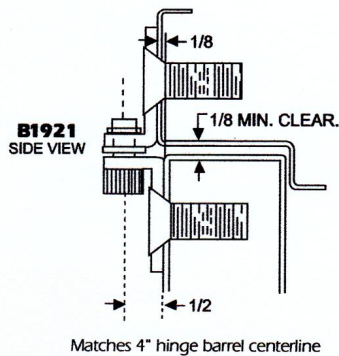
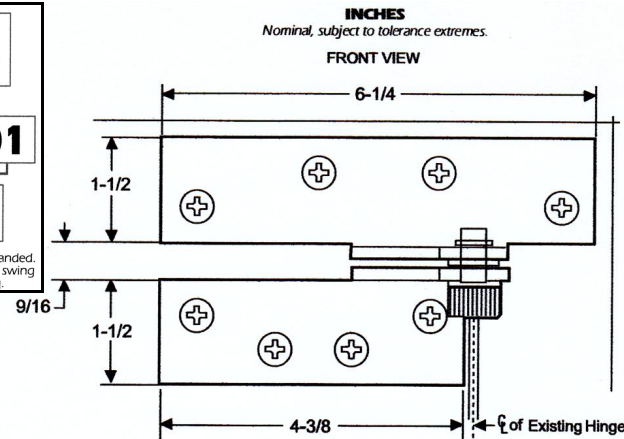
▼ Hinge Size
The B1921 pivot is designed with 1/2" offset to match the pivot point of a 4" wide butt hinge.

The B1923 pivot is designed with a 3/4" offset to match the pivot point of a 4-1/2" wide butt hinge.

▼ Function
This full-surface reinforcing pivot adds years of life to openings where the hinges or hinge reinforcements have failed. Reinforcing pivots take the load off the top hinge and transfer it to screws that are in shear so they will not pull out. The economical way to solve door sag problems.

HOW TO ORDER

<p>Handing Chart</p> <p>LH-Left Hand or RHR-Right Hand Reverse</p> <p>RH-Right Hand or LHR-Left Hand Reverse</p>	<p>Specify Model B1921 4" B1923 4-1/2"</p> <p>B1921 - 01</p> <p>Handing* 01 RH or LHR 02 LH or RHR</p> <p><small>*All pivots are handed. Please indicate swing when ordering.</small></p>
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ADAMS-RITE



ADAMS RITE
MANUFACTURING CO.

GSDC *Inc.com*
Gulf States Door Control



Call (800) 266-4950 Fax (800) 940-3667

Check us out online @ www.gsdcinc.com

VOLTAGE		
Available in 12, 16 or 24 volt AC and DC. DC and AC Continuous units are silent, AC intermittent units "buzz" on operation.		
CURRENT DRAW/AMPS		
Volts	AC Int.	DC or AC Cont.
12	1.42	.33
16	1.03	.22
24	.74	.17

7100, 7101

ANSI/BHMA Type EO9321 (Grade 1)

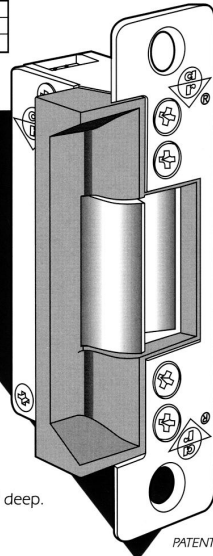
HOW TO ORDER

Specify Model 7100 Flat 7101 Radius	Voltage 3 12 Volt 4 16 Volt 5 24 Volt	Current & Duty 1 DC Continuous or Intermittent 2 AC Continuous* 4 AC Intermittent	Features** 0 Std/Fail-Secure 5 Fail-Safe 7 Monitor/Fail-Safe 9 Monitor/Fail-Secure
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7100-310-605-00

Finish*** 628 Clear Anodized 605 Bright Brass 612 Satin Bronze 613 Oil Rubbed Bronze 313 Dark Bronze Anod. 335 Black Anodized 625 Bright Chrome 626 Satin Chrome	7100 Lip Extension (Dim. "A") (Door Centerline to Jamb Edge) 00 1.06" or less 01 1.50" 02 1.63" 03 1.75" 04 1.88" 05 2.00" 06 2.13" 07 2.25" 08 2.38" 09 2.50" 10 2.63" 11 2.75" 12 2.88" 13 3.00"
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*AC strike with rectifier attached for use on AC current.
*Fail-secure can be field converted to fail-safe or vice-versa.
*7101 available in 628, 313, 335 only.



LATCH TYPE	
	Adams Rite or Cylindrical Latches with 1/2" to 5/8" Projection.
DOOR FRAME TYPE	
	7100 Aluminum Jamb
	7101 Aluminum Stiles

▼ Strike Opening

5/8" x 1-7/16" x 1/2" deep. Bolt retainer jaw is stainless steel. Strike accepts bolt of any Adams Rite 4500/4700/4900 Series deadlatch or cylindrical latches.

▼ Case

Approx. 1" x 3-3/8" x 1-5/8" deep. Zinc-aluminum alloy.

▼ Strike Lip

Basic 7100 strike has lip of proper length for 1-3/4" thick door that closes flush with jamb edge. Where door thickness or jamb shape differs from this standard relationship, extended lip available, specified by last dash number. (Not available on 7101.)

▼ Fail Safe/Fail Secure

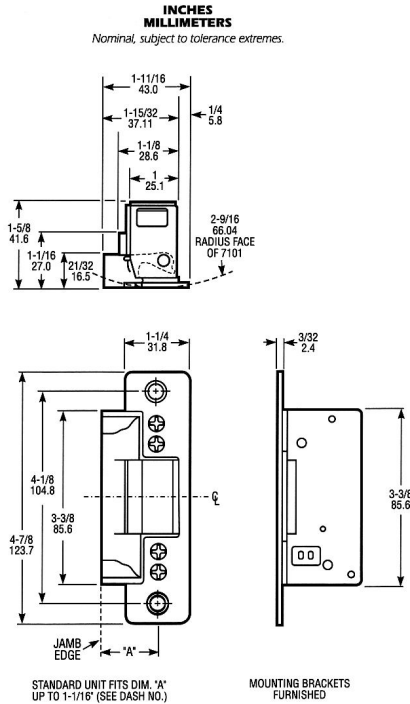
Field convertible from one mode to the other. However, AC intermittent solenoid must not be used continuously in either.

▼ Faceplate

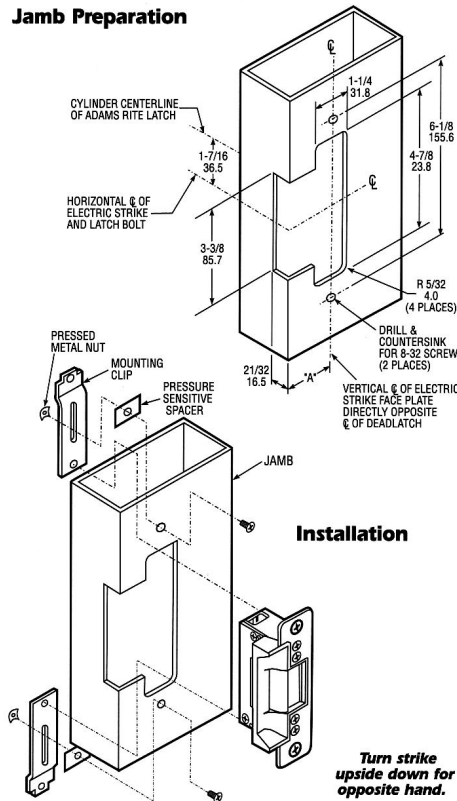
Measures 1-1/4" x 4-7/8". 7100 has flat faceplate; 7101 is radiused to match nose on inactive leaf in a pair of narrow stile glass doors. Available in a wide range of architectural finishes.

▼ Function

Remote electrical control of any door equipped with an Adams Rite Series 4500/4700/4900 (or similar) deadlatch or "key-in-knob" sets. Electrical actuation unlocks strike jaw, releasing latchbolt so door can be opened without operating latch itself. Extremely compact mechanism fits into aluminum jamb (or opposing door) sections as shallow as 1-5/8". Fits prep for 7500/7800/7000 Series.



Jamb Preparation



VOLTAGE		
Available in 12, 16 or 24 volt AC and DC. DC and AC Continuous units are silent, AC intermittent units "buzz" on operation.		
CURRENT DRAW/AMPS		
Volts	AC Int.	DC or AC Cont.
12	1.42	.35
16	1.03	.22
24	.74	.17

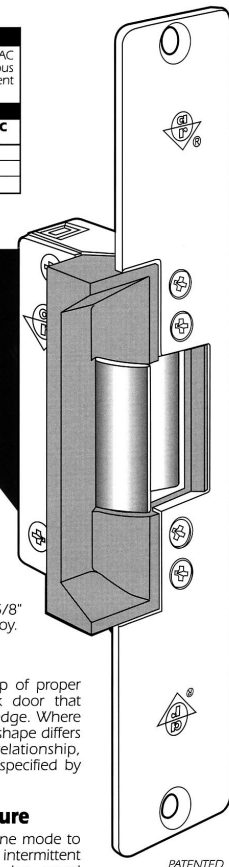
HOW TO ORDER

Faceplate Length 7110 7-15/16" 7111 10-1/4"	Voltage 3 12 Volt 4 16 Volt 5 24 Volt	Current & Duty 1 DC Continuous or Intermittent 2 AC Continuous* 4 AC Intermittent	Features** 0 Std/Fail-Secure 5 Fail-Safe 7 Monitor/Fail-Safe 9 Monitor/Fail-Secure
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7110 - 310 - 652 - 00

Finish 652 Bright Brass 639 Satin Bronze 640 Oil Rubbed Bronze 652 Satin Chrome	Lip Extension (Dim. "A") (Door Centerline to Jamb Edge) 00 1.06" or less 07 2.25" 01 1.50" 08 2.38" 02 1.63" 09 2.50" 03 1.75" 10 2.63" 04 1.88" 11 2.75" 05 2.00" 12 2.88" 06 2.13" 13 3.00"
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*A DC strike with rectifier attached for use on AC current.
**Fail-secure can be field converted to fail-safe or vice-versa.



7110, 7111

ANSI/BHMA Type EO9321 (Grade 1)

LATCH TYPE	Adams Rite or Cylindrical Latches with 1/2" to 5/8" Projection.
DOOR FRAME TYPE	Hollow Metal, Narrowline Aluminum, Wood

▼ Strike Opening

5/8" x 1-7/16" x 1/2" deep. Bolt retainer jaw is stainless steel. Strike accepts bolt of any Adams Rite 4500/4700/4900 Series deadlatch or cylindrical latches.

▼ Faceplate

Faceplate for 7110 measures 1-7/16" x 7-15/16". For 7111, faceplate is 1-7/16" x 10-1/4". Available in a wide range of architectural finishes.

▼ Function

Replaces earlier 002, 7510 or 7810 electric releases in either metal or wooden jams for remote electrical control of any door equipped with cylindrical latchset or Adams Rite Series 4500/4700/4900 (or similar) deadlatch. Electrical actuation unlocks strike jaw, releasing latchbolt so door can be opened without operating latch itself. Extremely compact mechanism fits into jamb sections as shallow as 1-5/8".

▼ Case

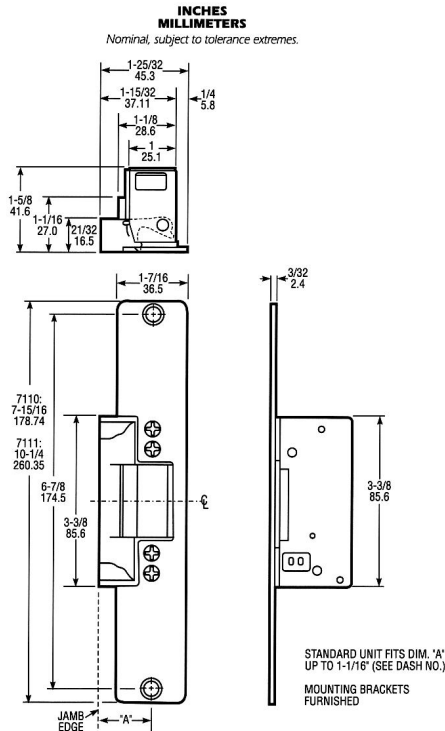
Approx. 1" x 3-3/8" x 1-5/8" deep. Zinc-aluminum alloy.

▼ Strike Lip

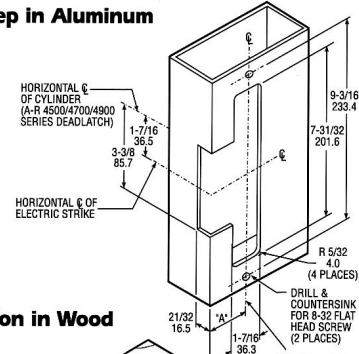
Basic 7110 strike has lip of proper length for 1-3/4" thick door that closes flush with jamb edge. Where door thickness or jamb shape differs from this standard relationship, extended lip available, specified by last dash number.

▼ Fail Safe/Fail Secure

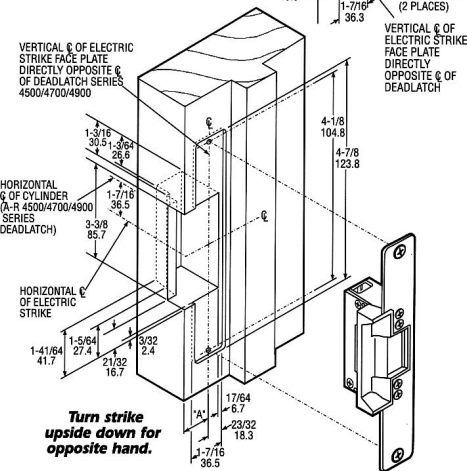
Field convertible from one mode to the other. However, AC intermittent solenoid must not be used continuously in either.



Jamb Prep in Aluminum



Installation in Wood



VOLTAGE		
Available in 12, 16 or 24 volt AC and DC. DC and AC Continuous units are silent. AC intermittent units "buzz" on operation.		
CURRENT DRAW/AMPS		
Volts	AC Int.	DC or AC Cont.
12	1.42	.33
16	1.03	.22
24	.74	.17

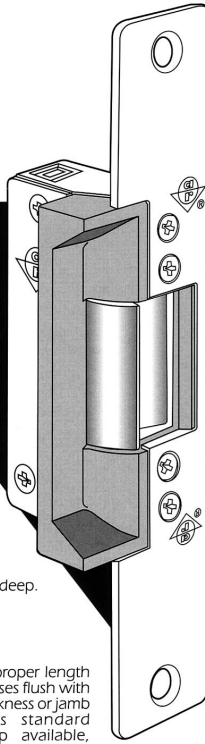
HOW TO ORDER

Specify Model 7130 Flat 7131 Radius	Voltage 3 12 Volt 4 16 Volt 5 24 Volt	Current & Duty 1 DC Continuous or Intermittent 2 AC Continuous* 4 AC Intermittent	Features** 0 Std/Fail-Secure 5 Fail-Safe 7 Monitor/Fail-Safe 9 Monitor/Fail-Secure
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7130-310-313-00

Finish 628 Clear Anodized 313 Dark Bronze Anod. 335 Black Anodized	7130 Lip Extension (Dim. "A") (Door Centerline to Jamb Edge) 00 1.06" or less 01 1.50" 02 1.63" 03 1.75" 04 1.88" 05 2.00" 06 2.13" 07 2.25" 08 2.38" 09 2.50" 10 2.63" 11 2.75" 12 2.88" 13 3.00"
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*A DC strike with rectifier attached for use on AC current.
**Fail-secure can be field-converted to fail-safe or vice-versa.



7130, 7131

ANSI/BHMA Type EO9321 (Grade 1)

LATCH TYPE	
	Adams Rite or Cylindrical Latches with 1/2" to 5/8" Projection.
DOOR FRAME TYPE	
	7130 Aluminum Jamb
	7131 Aluminum Stiles

Strike Opening

5/8" x 1-7/16" x 1/2" deep. Bolt retainer jaw is stainless steel. Strike accepts bolt of any Adams Rite 4500/4700/4900 Series deadlatch or cylindrical latches.

Faceplate

Measures 1-1/4" x 6-7/8". 7130 has flat faceplate; 7131 is radiused to match nose on inactive leaf in a pair of narrow stile glass doors. Available in US28 (628) Clear Anodized, 313 (Dark Bronze Anodized) or 335 (Black Anodized).

Function

Remote electrical control of any narrow stile or hollow metal door equipped with an Adams Rite Series 4500/4700/4900 (or similar) deadlatch. Large faceplate is designed to cover strike opening when converting from an MS[®] pivoted-bolt deadlock to a deadlatch. Electrical actuation unlocks strike jaw, releasing latchbolt so door can be opened without operating latch itself. Extremely compact mechanism fits into aluminum jamb (or opposing door) sections as shallow as 1-5/8". Replaces earlier 7030/7530/7830 Series.

Case

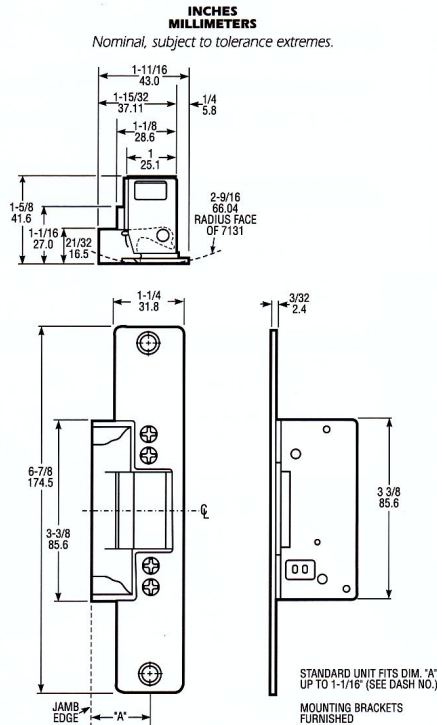
Approx. 1" x 3-3/8" x 1-5/8" deep. Zinc-aluminum alloy.

Strike Lip

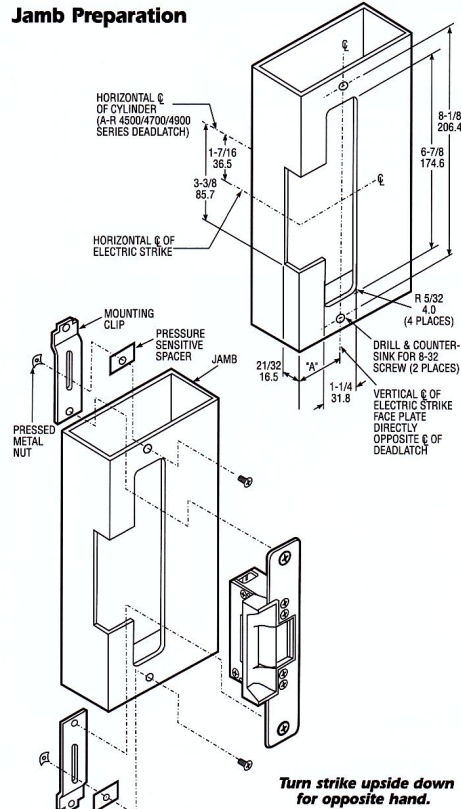
Basic 7130 strike has lip of proper length for 1-3/4" thick door that closes flush with jamb edge. Where door thickness or jamb shape differs from this standard relationship, extended lip available, specified by last dash number. (Not available for 7131.)

Fail Safe/Fail Secure

Field convertible from one mode to the other. However, AC intermittent solenoid must not be used continuously in either.



Jamb Preparation



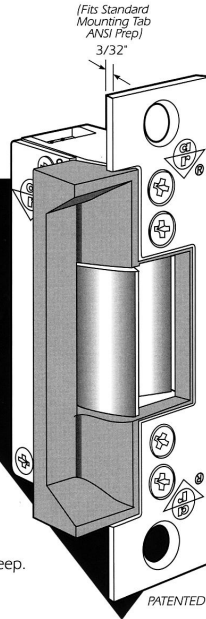
VOLTAGE		
Available in 12, 16 or 24 volt AC and DC. DC and AC Continuous units are silent, AC Intermittent units "buzz" on operation.		
CURRENT DRAW/AMPS		
Volts	AC Int.	DC or AC Cont.
12	1.42	.33
16	1.03	.22
24	.74	.17

HOW TO ORDER

7140 - 310 - 605 - 00

Voltage 3 12 Volt 4 16 Volt 5 24 Volt	Current & Duty 1 DC Continuous or Intermittent 2 AC Continuous* 4 AC Intermittent	Features** 0 Std/Fail-Secure 5 Fail-Safe 7 Monitor/Fail-Safe 9 Monitor/Fail-Secure
Finish 628 Clear Anodized 605 Bright Brass 612 Satin Bronze 613 Oil Bronze 313 Dark Bronze Anod. 335 Black Anodized 625 Bright Chrome 626 Satin Chrome	Lip Extension (Dim. "A") (Door Centerline to Jamb Edge) 00 1.06" or less 50 1.38" 01 1.50" 02 1.63" 03 1.75" 04 1.88" 05 2.00" 06 2.13"	Lip Extension (Dim. "A") (Door Centerline to Jamb Edge) 07 2.25" 08 2.38" 09 2.50" 10 2.63" 11 2.75" 12 2.88" 13 3.00"

*A DC strike with receiver attached for use on AC current.
**Fail-secure can be field converted to fail-safe or vice-versa.



7140

ANSI/BHMA Type EO9321 (Grade 1)

LATCH TYPE	Adams Rite or Cylindrical Latches with 1/2" to 5/8" Projection.
DOOR FRAME TYPE	Hollow Metal Jambs & Doors / Wood Jambs & Doors

▼ Case

Approx. 1" x 3-3/8" x 1-5/8" deep. Made of Zinc-aluminum alloy.

▼ Strike Lip

Basic 7140 strikes have lip of proper length for 1-3/4" thick door that closes flush with jamb edge. Where door thickness or jamb shape differs from this standard relationship, extended lip is available, specified by last dash number.

▼ Function

Remote electrical control of any door equipped with cylindrical [key-in-knob/lever] type latchsets listed above. Electrical actuation unlocks strike jaw, releasing latchbolt, so door can be opened without operating latch itself. Extremely compact mechanism fits into jamb sections as shallow as 1-5/8". Fits existing preps for 7840AN and 7850/7040.

▼ Strike Opening

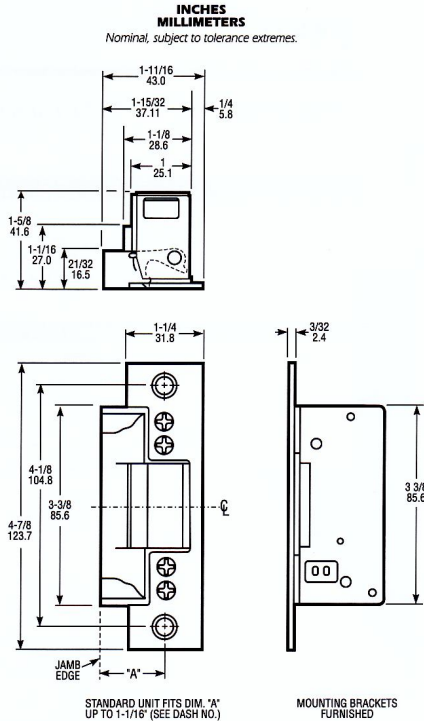
5/8" x 1-7/16" x 1/2" deep. Bolt retainer jaw is made of stainless steel.

▼ Faceplate

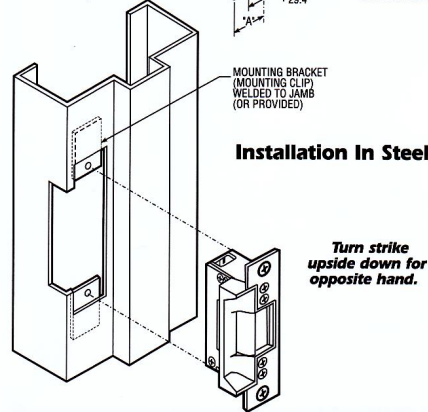
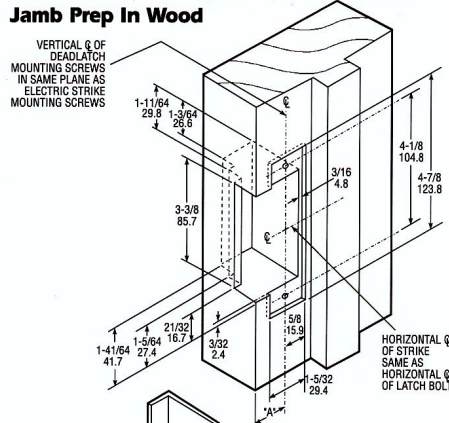
Measures 1-1/4" x 4-7/8". Faceplate is flat, with square corners. Available in a wide range of architectural finishes.

▼ Fail Safe/Fail Secure

Field convertible from one mode to the other. However, AC intermittent solenoid must not be used continuously in either.



Jamb Prep In Wood



VOLTAGE		
Available in 12, 16 or 24 volt AC and DC. DC and AC Continuous units are silent, AC intermittent units "buzz" on operation.		
CURRENT DRAW/AMPS		
Volts	AC Int.	DC or AC Cont.
12	1.42	.33
16	1.03	.22
24	.74	.17

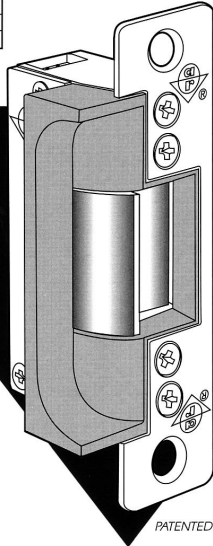
HOW TO ORDER

Voltage 3 12 Volt 4 16 Volt 5 24 Volt	Current & Duty 1 DC Continuous or Intermittent 2 AC Continuous* 4 AC Intermittent	Features** 0 Std/Fail-Secure 5 Fail-Safe 7 Monitor/Fail-Safe 9 Monitor/Fail-Secure
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7160 - 310 - 605 - 00

Finish 628 Clear Anodized 605 Bright Brass 612 Satin Bronze 613 Oil Bronze 313 Dark Bronze Anod. 335 Black Anodized 625 Bright Chrome 626 Satin Chrome	Lip Extension (Dim. "A") (Door Centerline to Jamb Edge) 00 1.06" or less 01 1.50" 02 1.63" 03 1.75" 04 1.88" 05 2.00" 06 2.13" 07 2.25" 08 2.38" 09 2.50" 10 2.63" 11 2.75" 12 2.88" 13 3.00"
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*A DC strike with rectifier attached for use on AC current.
**Fail-secure can be field-converted to fail-safe or vice-versa.



7160

ANSI/BHMA Type EO9321 (Grade 1)

LATCH TYPE	Mortise and Cylindrical Latches with 3/4" Projection without Deadbolt
DOOR FRAME TYPE	Aluminum Jamb

All 3/4" throw latches require 1/8" minimum door gap. Horizontal center line of strike must match center line of mortise latchbolt.

Case
Approx. 1" x 3-3/8" x 1-7/8" deep. Zinc-aluminum alloy.

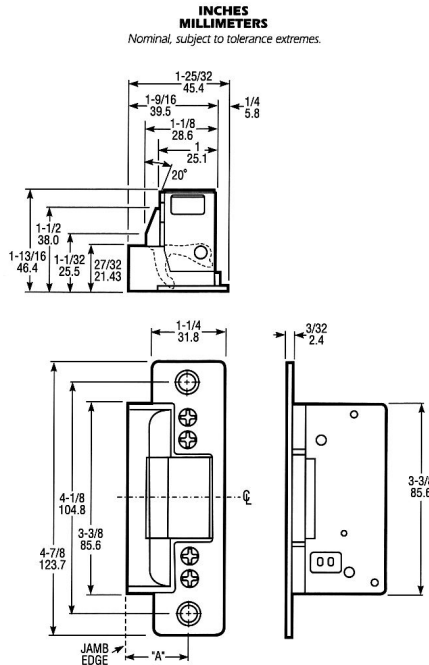
Strike Lip
Basic 7160 strikes have lip of proper length for 1-3/4" thick door that closes flush with jamb edge. Where door thickness or jamb shape differs from this standard relationship, extended lip is available, specified by last dash number.

Function
Remote electrical control of any door equipped with one of the mortise type latchsets listed at right. Electrical actuation unlocks strike jaw, releasing latchbolt so door can be opened without operating latch itself. Extremely compact mechanism fits into hollow jamb sections as shallow as 1-7/8". Fits prep for 7560/7860.

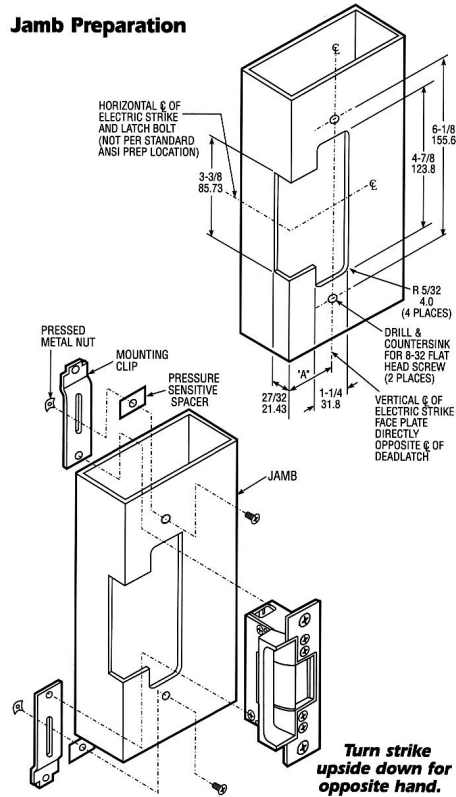
Strike Opening
3/4" x 1-7/16" x 5/8" deep. Bolt retainer jaw is made of stainless steel. Strike location must be centered on latchbolt.

Faceplate
Measures 1-1/4" x 4-7/8". Faceplate is flat, with radiused corners. Available in a wide range of architectural finishes.

Fail Safe/Fail Secure
Field convertible from one mode to the other. However, AC intermittent solenoid must not be used continuously in either.



Jamb Preparation

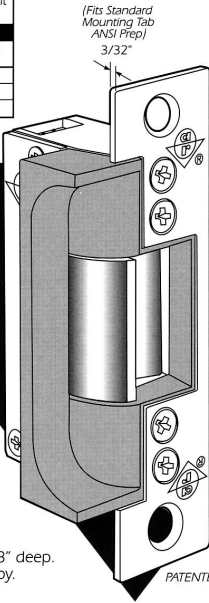


VOLTAGE		
Available in 12, 16 or 24 volt AC and DC. DC and AC Continuous units are silent, AC Intermittent units "buzz" on operation.		
CURRENT DRAW/AMPS		
Volts	AC Int.	DC or AC Cont.
12	1.42	.33
16	1.03	.22
24	.74	.17

HOW TO ORDER

Voltage 3 12 Volt 4 16 Volt 5 24 Volt	Current & Duty 1 DC Continuous or Intermittent 2 AC Continuous* 4 AC Intermittent	Features** 0 Std/Fail-Secure 5 Fail-Safe 7 Monitor/Fail-Safe 9 Monitor/Fail-Secure
7170-310-605-00		
Finish 628 Clear Anodized 605 Bright Brass 612 Satin Bronze 613 Oil Bronze 313 Dark Bronze Anod. 335 Black Anodized 625 Bright Chrome 626 Satin Chrome	Lip Extension (Dim. "A") (Door Centerline to Jamb Edge) 00 1.05" or less 07 2.25" 50 1.38" 08 2.38" 01 1.50" 09 2.50" 02 1.63" 10 2.63" 03 1.75" 11 2.75" 04 1.88" 12 2.88" 05 2.00" 13 3.00" 06 2.13"	

*A DC strike with recifier attached for use on AC current.
**Fail-secure can be field converted to fail-safe or vice-versa.



7170

ANSI/BHMA Type EO9321 (Grade 1)

LATCH TYPE
Mortise and Cylindrical Latches with 3/4" Projection without Deadbolt
DOOR FRAME TYPE
Hollow Metal Jambs
Wood Jambs

All 3/4" throw latches require 1/8" minimum door gap. Horizontal center line of strike must match center line of mortise latchbolt.

▼ Case

Approx. 1" x 3-3/8" x 1-7/8" deep.
Made of Zinc-aluminum alloy.

▼ Strike Lip

Basic 7170 strikes have lip of proper length for 1-3/4" thick door that closes flush with jamb edge. Where door thickness or jamb shape differs from this standard relationship, extended lip is available, specified by last dash number.

▼ Function

Remote electrical control of any door equipped with one of the Mortise Type latchesets listed above. Electrical actuation unlocks strike jaw, releasing latchbolt so door can be opened without operating latch itself. Extremely compact mechanism fits hollow jamb sections as shallow as 1-7/8". Fits prep for 7560AN/7860AN and 7570/7870.

▼ Strike Opening

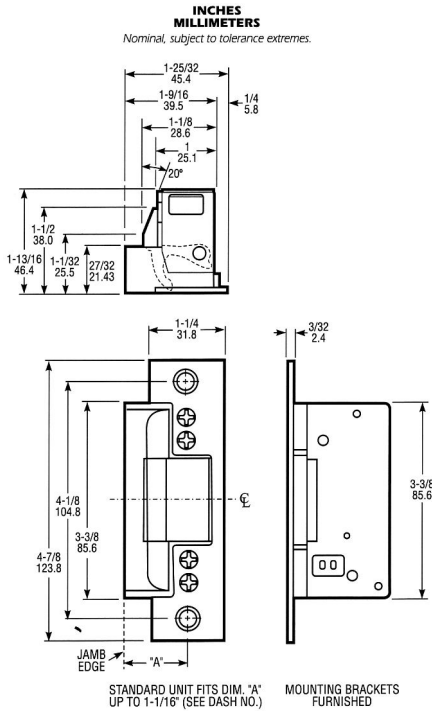
5/8" x 1-7/16" x 5/8" deep. Bolt retainer jaw is made of stainless steel.

▼ Faceplate

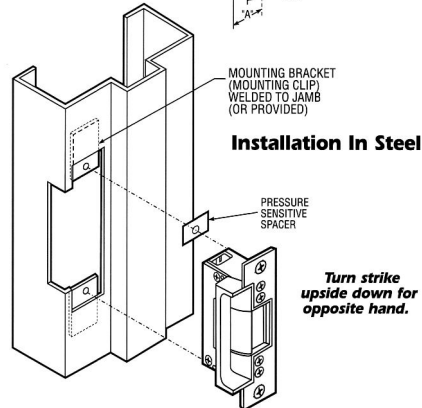
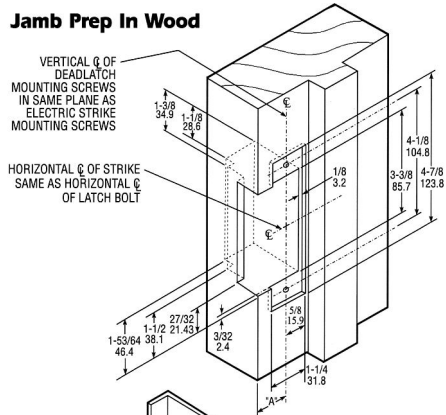
Measures 1-1/4" x 4-7/8". Faceplate is flat, with square corners. Available in a wide range of architectural finishes.

▼ Fail Safe/Fail Secure

Field convertible from one mode to the other. However, AC intermittent solenoid must not be used continuously in either.



Jamb Prep In Wood



VOLTAGE		
Available in 12, 16 or 24 volt AC and DC. DC and AC Continuous units are silent. AC Intermittent units "buzz" on operation.		
CURRENT DRAW/AMPS		
Volts	AC Int.	DC or AC Cont.
12	1.42	.33
16	1.03	.22
24	.74	.17

7108, 7128

ANSI/BHMA Type EO9321 (Grade 1)

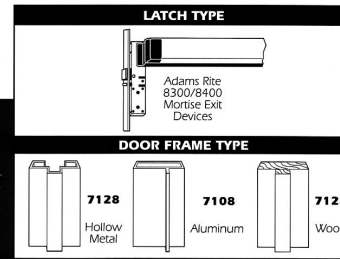
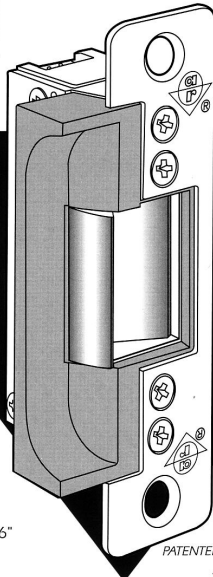
HOW TO ORDER

Specify Model 7108 Radius 7128 Square	Voltage 3 12 Volt 4 16 Volt 5 24 Volt	Current & Duty 1 DC Continuous or Intermittent 2 AC Continuous* 4 AC Intermittent	Features** 0 Std/Fail-Secure 5 Fail-Safe 7 Monitor/Fail-Safe 9 Monitor/Fail-Secure
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7108-310-605-00

Finish 628 Clear Anodized 605 Bright Brass 612 Satin Bronze 613 Oil Bronze 313 Dark Bronze Anod. 335 Black Anodized 625 Bright Chrome 626 Satin Chrome	Lip Extension (Dim. "A") (Door Centerline to Jamb Edge) 00 1.05" or less 07 2.25" 01 1.50" 08 2.38" 02 1.63" 09 2.50" 03 1.75" 10 2.63" 04 1.88" 11 2.75" 05 2.00" 12 2.88" 06 2.13" 13 3.00"
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*A DC strike with rectifier attached for use on AC current.
**Fail-safe can be field-converted to fail-safe or vice-versa.



▼ **Case**
Approx. 1" x 3-3/8" x 1-11/16" deep. Zinc-aluminum alloy.

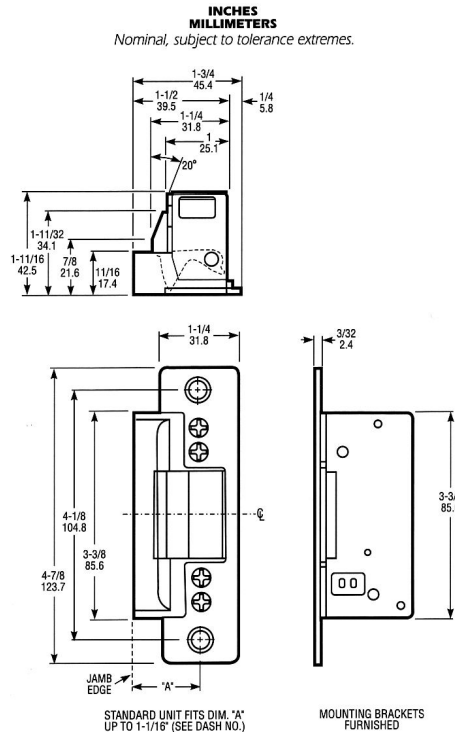
▼ **Strike Lip**
Basic strike has lip of proper length for 1-3/4" thick door that closes flush with jamb edge. Where door thickness or jamb shape differs from this standard relationship, extended lip is available, specified by last dash number.

▼ **Fail Safe/Fail Secure**
Field convertible from one mode to the other. However, AC intermittent solenoid must not be used continuously in either.

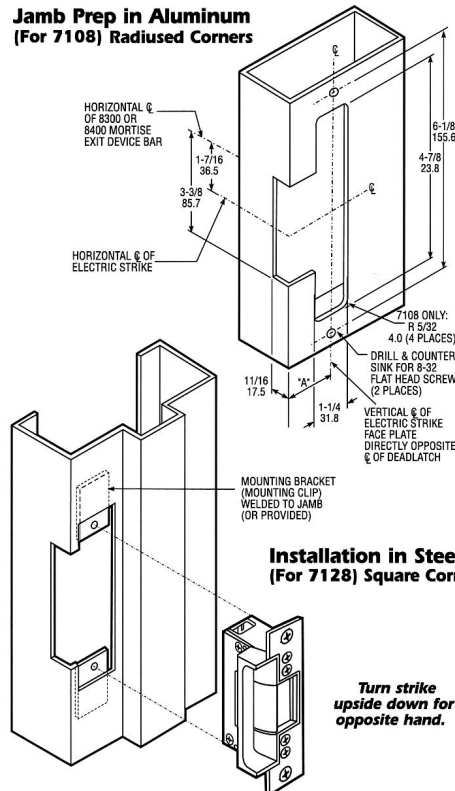
▼ **Strike Opening**
5/8" x 1-7/16" x 9/16" deep. Bolt retainer jaw is stainless steel.

▼ **Faceplate**
Measures 1-1/4" x 4-7/8". 7108 has radiused corners. 7128 has square corners. Available in a wide range of architectural finishes.

▼ **Function**
Remote electrical control of any narrow stile or hollow metal door equipped with an Adams Rite Series 8300 or 8400 exit device. Electrical actuation unlocks strike jaw, releasing latchbolt so door can be opened without operating latch itself. Extremely compact mechanism fits into jamb sections as shallow as 1-1/16".



Jamb Prep in Aluminum (For 7108) Radiused Corners



Installation in Steel (For 7128) Square Corners

Turn strike upside down for opposite hand.



VOLTAGE		
Available in 12, 16 or 24 volt AC and DC. DC and AC Continuous units are silent, AC intermittent units "buzz" on operation.		
CURRENT DRAW/AMPS		
Volts	AC Int.	DC or AC Cont.
12	1.42	.33
16	1.03	.22
24	.74	.17

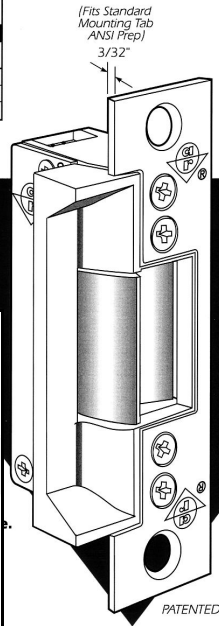
HOW TO ORDER

Voltage 3 12 Volt 4 16 Volt 5 24 Volt	Current & Duty 1 DC Continuous or Intermittent 2 AC Continuous* 4 AC Intermittent	Features 0 Fail-Secure** 9 Monitor/Fail-Secure
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7240-310-630-50

Finish 630 Satin Stainless	Lip Extension (Dim. "A") (Door Centerline to Jamb Edge for Interior Frames) 00 1.06 or less 50 1.38"
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*A DC strike with rectifier attached for use on AC current.
 **Not available Fail-Safe.



7240 Fire-Rated

ANSI/BHMA Type EO9321 (Grade 1)
 Fire-Rated in Fail-Secure Mode
 For Hollow Metal Jambs

LATCH TYPE Fire-Rated Cylindrical Latches with up to 5/8" Projection
DOOR FRAME TYPE Hollow Metal

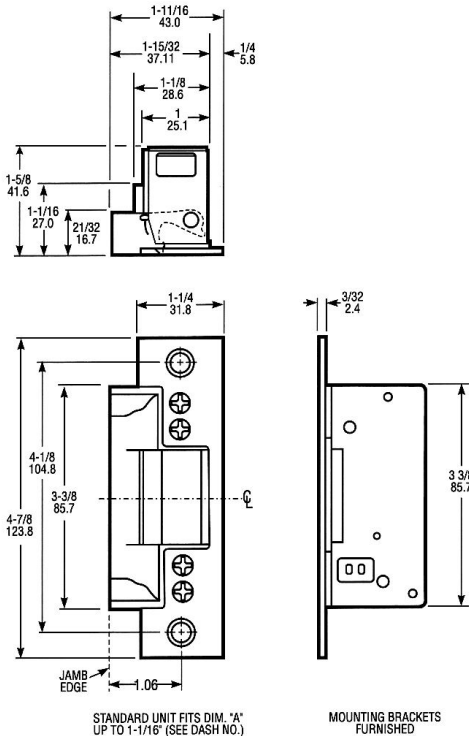
▼ Case

Approx. 1" x 3-3/8" x 1-5/8" deep. Made of Zinc-aluminum alloy.

▼ Function

Remote electrical control of any door equipped with cylindrical (key-in-knob/lever) type latches listed above. Electrical actuation unlocks strike jaw, releasing latchbolt, so door can be opened without operating latch itself. Extremely compact mechanism fits into jamb sections as shallow as 1-21/32".

INCHES MILLIMETERS
 Nominal, subject to tolerance extremes.



STANDARD UNIT FITS DIM. "A" UP TO 1-1/16" (SEE DASH NO.)

MOUNTING BRACKETS FURNISHED

▼ Strike Opening

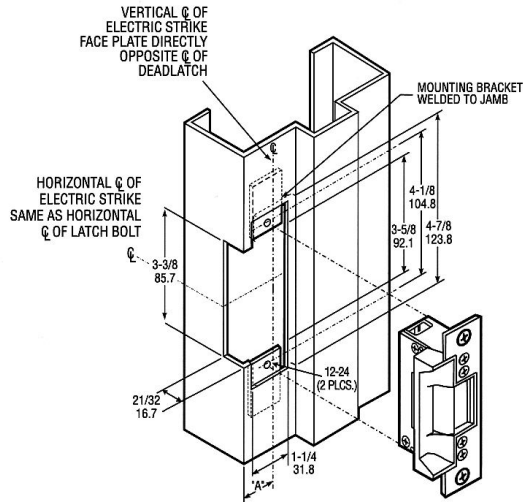
5/8" x 1-7/16" x 9/16" deep. Bolt retainer jaw and strike lip are made of stainless steel. Strike accepts bolt from a variety of latchesets.

▼ Strike Lip

Basic 7240 strikes have lip of proper length for 1-3/4" thick door that closes flush with jamb edge.

▼ Faceplate

Measures 1-1/4" x 4-7/8". Faceplate is flat, with square corners.



Turn strike upside down for opposite hand.

Installation In Steel Jamb

VOLTAGE		
Available in 12, 16 or 24 volt AC and DC. DC and AC Continuous units are silent, AC intermittent units "buzz" on operation.		
CURRENT DRAW/AMPS		
Volts	AC Int.	DC or AC Cont.
12	1.42	.33
16	1.03	.22
24	.74	.17

HOW TO ORDER

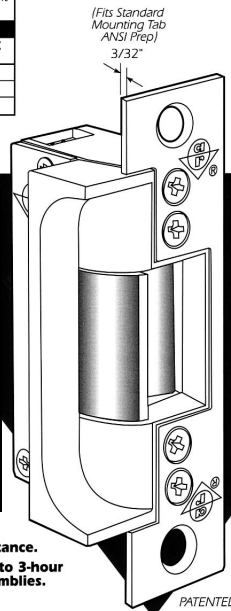
Voltage 3 12 Volt 4 16 Volt 5 24 Volt	Current & Duty 1 DC Continuous or Intermittent 2 AC Continuous* 4 AC Intermittent	Features 0 Fail-Secure** 9 Monitor/Fail-Secure
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7270 - 310 - 630 - 50

Finish 630 Satin Stainless	Lip Extension (Dim. "A") (Door Centerline to Jamb Edge for Interior Frames) 00 1.06 or less 50 1.38"
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*A DC strike with rectifier attached for use on AC current.
 **Not available Fail-Safe.

UL Listed for Burglary Resistance.
UL 10C for up to 3-hour Fire Door Assemblies.



7270 Fire-Rated

ANSI/BHMA Type EO9321
 Fire-Rated in Fail-Secure Mode
 For Hollow Metal Jambs

LATCH TYPE Fire-Rated Mortise and Cylindrical Latches with 3/4" Projection without Deadbolt
DOOR FRAME TYPE Hollow Metal

All 3/4" throw latches require 1/8" minimum door gap. Horizontal center line of strike must match center line of mortise latchbolt.

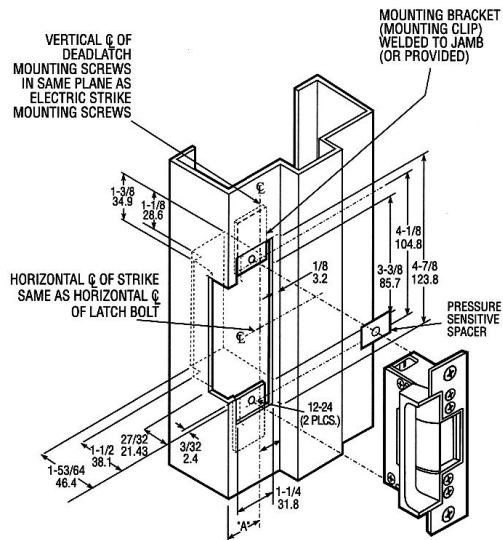
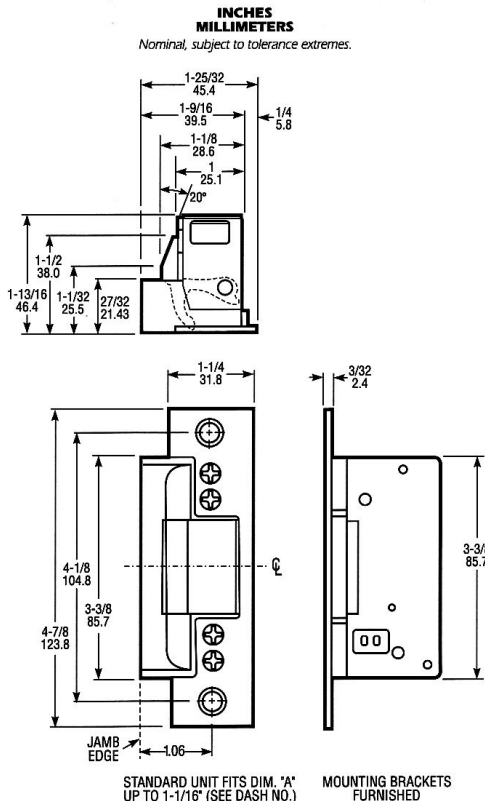
▼ **Case**
 Approx. 1" x 3-3/8" x 1-7/8" deep. Made of Zinc-aluminum alloy.

▼ **Function**
 Remote electrical control of any door equipped with a Mortise Type latchset. Electrical actuation unlocks strike jaw, releasing latchbolt so door can be opened without operating latch itself. Extremely compact mechanism fits hollow jamb sections as shallow as 1-7/8".

▼ **Strike Opening**
 3/4" x 1-7/16" x 5/8" deep. Bolt retainer jaw and strike lip are made of stainless steel. Strike accepts bolt of a variety of latchsets (or mortise panic exit devices) when it is centered on strike.

▼ **Strike Lip**
 Basic 7270 strikes have lip of proper length for 1-3/4" thick door that closes flush with jamb edge.

▼ **Faceplate**
 Measures 1-1/4" x 4-7/8". Faceplate is flat, with square corners.



Installation In Steel Jamb
 Turn strike upside down for opposite hand.

VOLTAGE		
Field selectable to match power source of 12, 16, or 24 VAC/VDC.		
CURRENT DRAW/AMPS		
Volts	AC	DC
12	.163	.440
16	.228	458*
24	.084	230

*Requires 16 VDC adapter (P/N VA 7400-16VDC)

ULTRA LINE

74R1

ANSI/BHMA Type EO9321 (Grade 1)

LATCH TYPE	
Pullman Bolt Rim Panic Device by others with 3/4" Latch	
DOOR FRAME TYPE	
Hollow Metal	Narrowline Aluminum
Wood	

HOW TO ORDER

Fail-secure can be field converted to fail-safe or vice-versa.

Specify Model

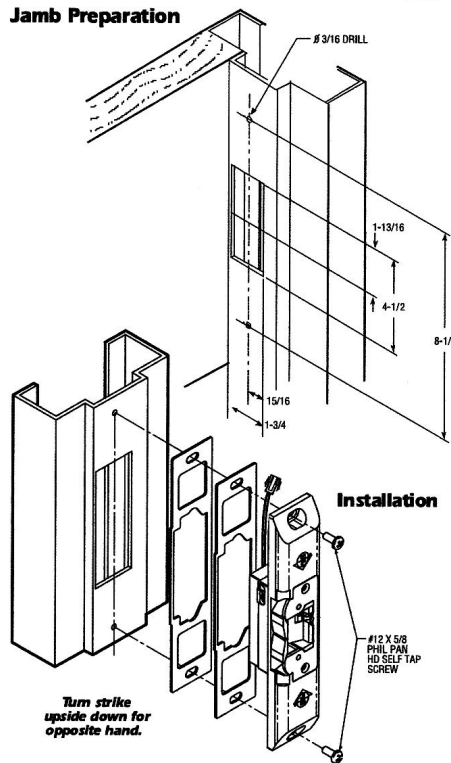
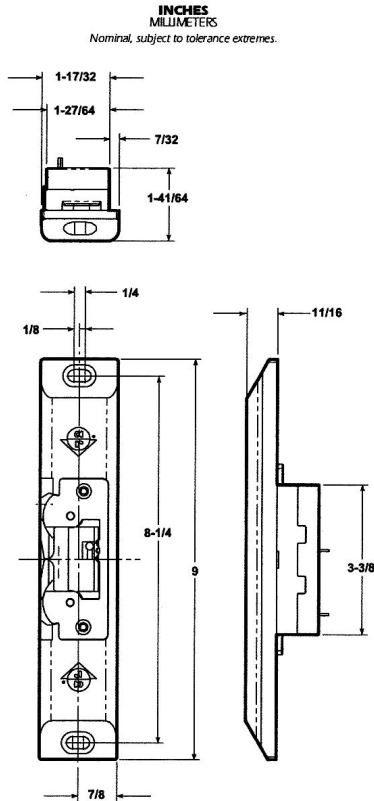
Options
- None
M Monitored

74R1 M 130

Finish
130 To match 628 Clear Anodized
121 To match 313 Dark Bronze Anodized
119 To match 335 Black Anodized

- ▼ **Case**
Approx. 1" x 3-3/8" x 1-1/16" deep. Zinc-aluminum alloy.
- ▼ **Fail-Safe/Fail-Secure**
Field selectable at time of installation.
- ▼ **Strike Opening**
5/8" x 1-7/16" x 9/16" deep. Bolt retainer jaw is stainless steel. Strike accepts Pullman bolt of exit devices without deadlocking bolts.
- ▼ **Mounting Plate/Housing**
Measures 1-3/4" x 9" x 11/16" deep. Made of zinc/aluminum alloy. Standard finish in Ritecoat epoxy to match Clear, Dark Bronze Anodized and Black Anodized finishes.

- ▼ **Function**
A semi-mortised strike for rim exit devices having 3/4" Pullman type bolts without auxiliary bolts. Provides electrical remote control allowing door to open without actuation of the exit device.
- This non-handed strike features an ultra-compact design and a stainless steel split-jaw with over 2400lbs. of holding force. The strike releases electrically with up to 35lbs. of door "preload" (pressure exerted on doors by air conditioning systems, warping or misaligned hardware which can disable common electric strikes). Single solenoid operates on 12, 16, or 24 volt AC/DC power. Strikes are equipped with a quick connect plug-in type connector.



VOLTAGE		
Field selectable to match power source of 12, 16, or 24 VAC/VDC.		
CURRENT DRAW/AMPS		
Volts	AC	DC
12	.163	.440
16	.228	.458*
24	.084	.230

*Requires 16 VDC adapter (P/N VA 7400-16VDC)

ULTRA LINE

74R2

ANSI/BHMA Type EO9321

LATCH TYPE
Narrow Stile Rim Exit Devices with 1/2" Bolt
DOOR FRAME TYPE
Aluminum

HOW TO ORDER

Specify Model

74R2 130

Finish

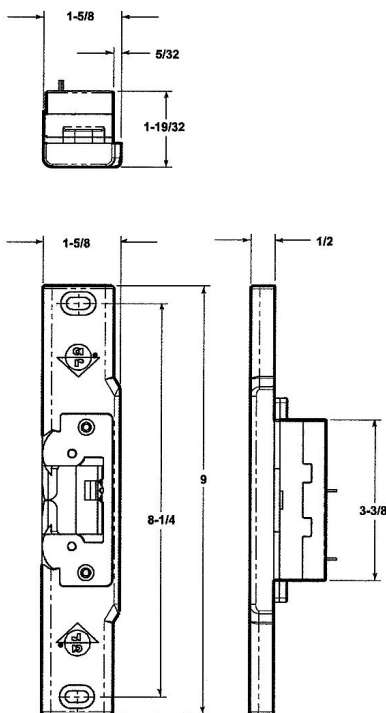
130 To match 628 Clear Anodized
 121 To match 313 Dark Bronze Anodized
 119 To match 335 Black Anodized

- Case**
 Approx. 1" x 3-3/8" x 1-1/8" deep. Zinc-aluminum alloy.
- Fail-Safe/Fail-Secure**
 Field selectable at time of installation.
- Strike Opening**
 5/8" x 1-7/16" x 1/2" deep. Bolt retainer jaw is made of stainless steel.
- Mounting Plate/Housing**
 Measures 1-5/8" x 9" x 1/2" deep. Made of zinc/aluminum alloy. Standard finish in Ritecoat epoxy to match Clear, Dark Bronze Anodized and Black Anodized finishes.

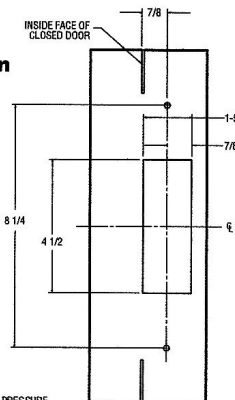
- Function**
 A semi-mortised strike for rim exit devices having 1/2" Pullman type bolts. Provides electrical remote control allowing door to open without actuation of the exit device.

This non-handed strike features an ultra-compact design and a stainless steel split-jaw with over 2400lbs. of holding force. The strike releases electrically with up to 35lbs. of door "preload" (pressure exerted on doors by air conditioning systems, warping or misaligned hardware which can disable common electric strikes). Single solenoid operates on 12, 16, or 24 volt AC/DC power. Strikes are equipped with a quick connect plug-in type connector.

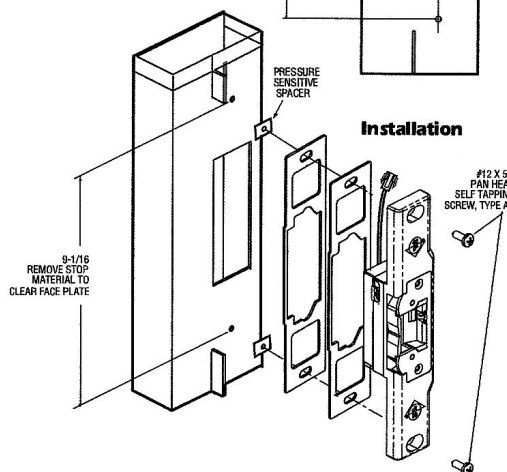
INCHES
MILLIMETERS
 Nominal, subject to tolerance extremes.



Jamb Preparation

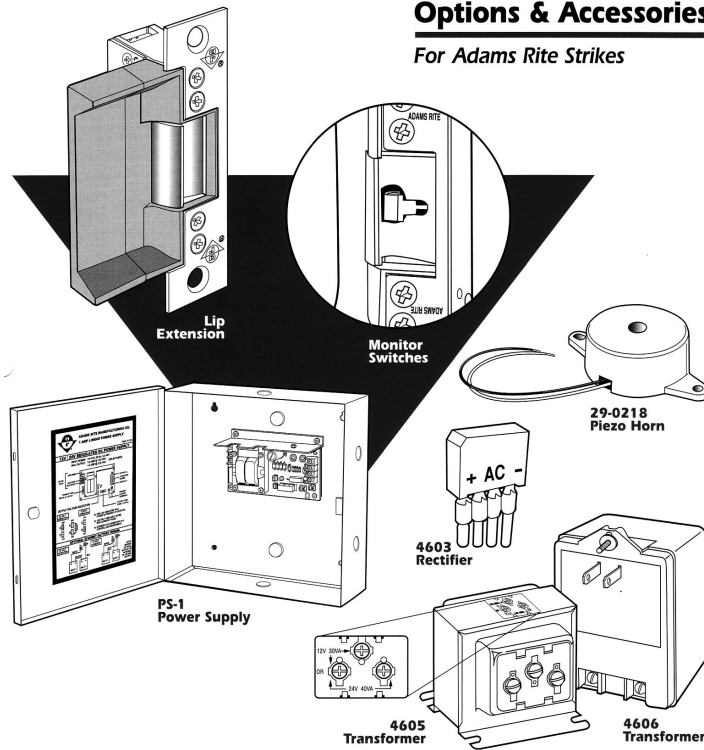


Installation

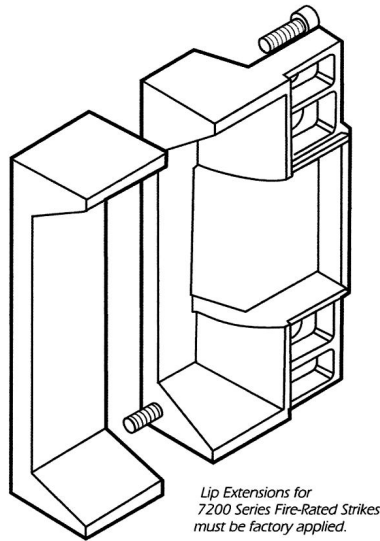


Options & Accessories

For Adams Rite Strikes



LIP EXTENSIONS



Lip extensions are for centerhung doors, thick doors or other conditions that vary from the "standard" 1-3/4" thick door that closes flush (or near flush) with the jamb face. Specified with electric strike by the last dash number which varies the door centerline to jamb edge dimension in 1/8" increments. For existing 7100 Series strikes, a thin metal membrane in the standard lip can be drilled or punched out and the lip extension can be added in the field. (Dash number for lip extension is the same as door centerline to jamb edge dash number on complete strike).

91-0171-01 through **-13:**
For 7100, 7110, 7111, 7130 and 7140 strikes.

91-0172-01 through **-13:**
For 7160 and 7170 strikes.

91-0173-01 through **-13:**
For 7108 and 7128 strikes.

91-0174-01 through **-07:**
For all 7300 strikes.

POWER SUPPLY

PS-1
Provides filtered and regulated voltage output to power electric strikes, magnetic locks or other access control devices. Output is selectable in the field for 12 or 24 VDC. Charging circuit is built in for battery backup power with 12 or 24 VDC operation. LED on circuit board indicates power input.

PIEZO HORN

29-0218
Provides for audible indication of when a DC strike is energized. Operates with 12 VDC, 16 VDC or 24 VDC strikes.

TRANSFORMER

4605
Converts 120VAC to 12VAC/24VAC. Rated 40 Volt-amp output assures plenty of power for strike release.

4606
Converts 120VAC current to 24VAC. Plugs into standard wall outlet.

RECTIFIER

4603 Rectifier
Converts low voltage AC current to DC of same voltage. Installs in low voltage line between transformer and strike. Full wave bridge type. Rated 2 amps. (200PIV).



ADAMS RITE
MANUFACTURING CO.

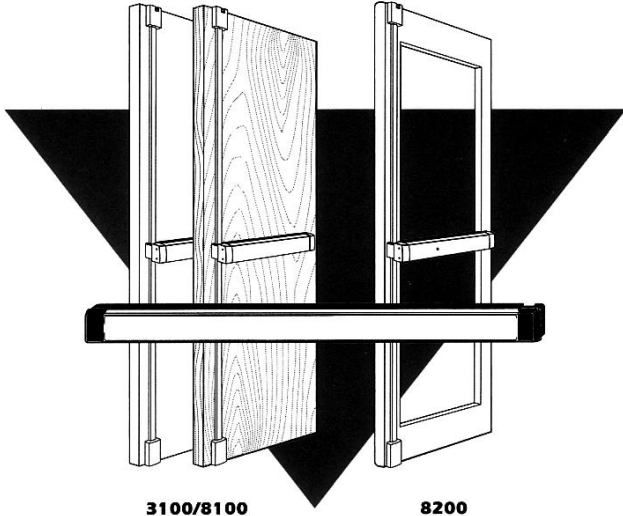


GSDC *Inc.com*
Gulf States Door Control



SVR

Surface Vertical Rod



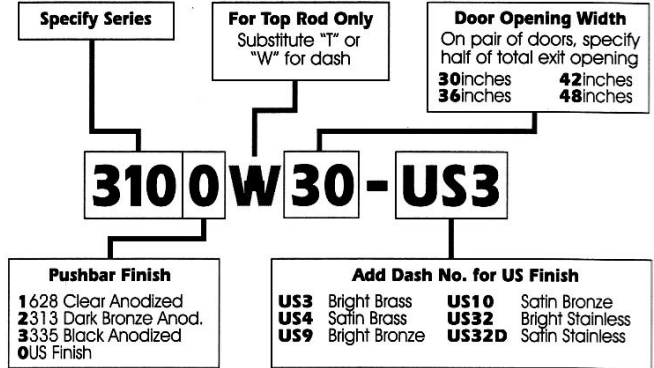
3100/8100

8200

- 🔥 3100 Series - Fire Rated for Steel/Wood Doors
- 🔥 3100T Top Rod Only - Steel Doors
- 🔥 3100W Top Rod Only - Wood Doors
- 8100 Series - Life-Safety for Steel/Wood Doors
- 8100T Top Rod Only
- 8200 Series - Life-Safety for Aluminum/Glass Doors
- 8200T Top Rod Only

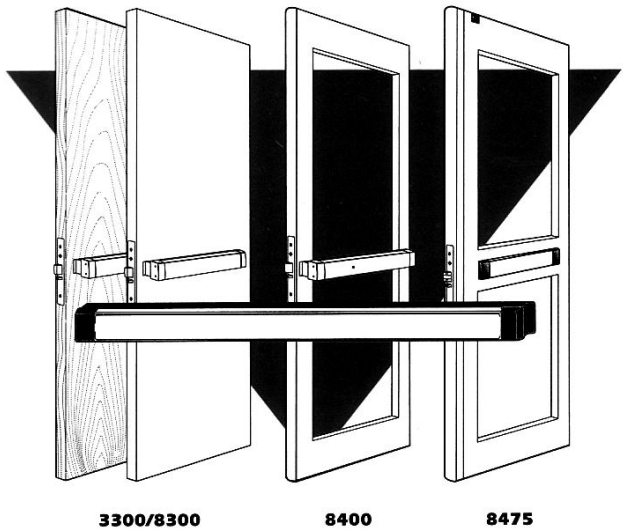
HOW TO ORDER SVR EXIT DEVICE

If required, specify cylinder and other trim separately



For doors up to 10 feet tall specify: 8055(8100,8200), 3055(3100).

MORTISE



3300/8300

8400

8475

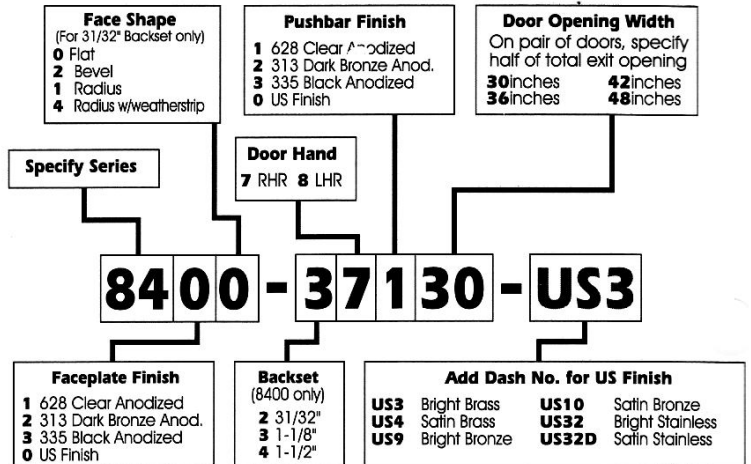
- 🔥 3300 Series - Fire Rated for Steel/Wood Doors
- 8300 Series - Life-Safety for Steel/Wood Doors
- 8400 Series - Life Safety for Aluminum/Glass Doors
- 8475 Mid-Panel For Aluminum/Glass Doors

HOW TO ORDER MORTISE EXIT DEVICES

Backset for 3300/8300 is 2-3/4" 8400 is variable.

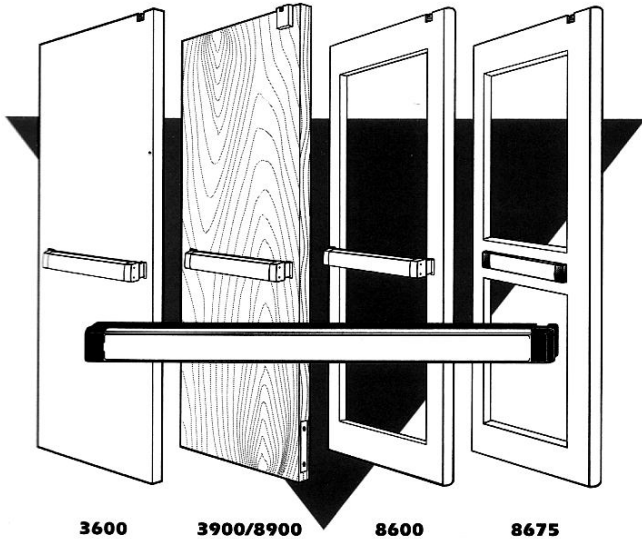
8400/8475 1-1/8" - 1-1/2" backsets include faceplates to cover flat, bevel and radius applications. Order Radius with weatherstrip separately, Part No. 24-0137-03-XXX.

If required, specify cylinder and other trim separately.





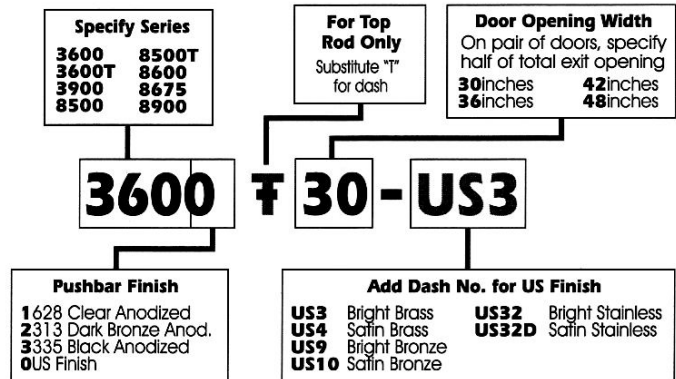
Concealed Vertical Rod



- 3600 Series - Fire Rated for Steel Doors**
- 3600T Top Rod Only**
- 3900 Series - Fire Rated for Wood Doors - Top Rod Only**
- 8500 Series - Life-Safety for Steel Doors**
- 8500T Top Rod Only**
- 8600 Series - Life-Safety for Aluminum/Glass Doors**
- 8675 Mid-Panel**
- 8900 Series - Life-Safety for Wood Doors - Top Rod Only**

HOW TO ORDER CVR EXIT DEVICES

If required, specify cylinder and other trim separately.



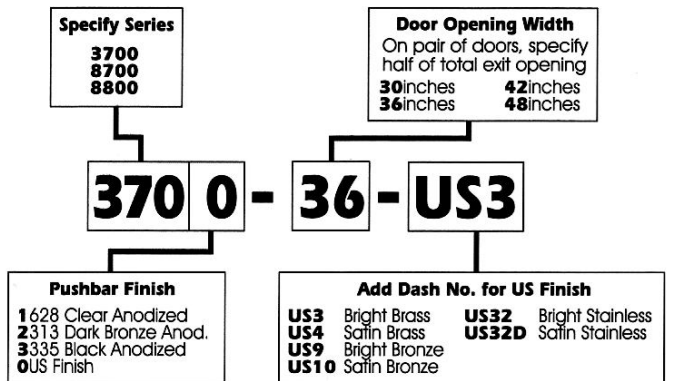
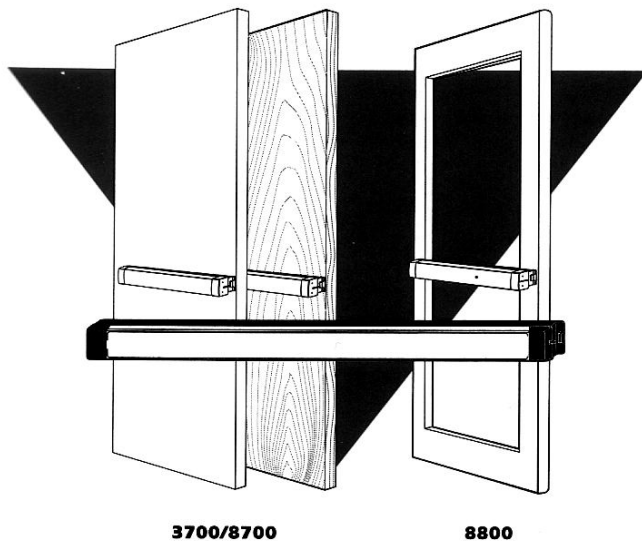
For 3600, 8500 and 8600, order 8650 escutcheon kit and cylinder separately if required. For doors up to 10 feet tall specify: 8655(8600), 8955-01(8900), 3655(3600).



- 3700 Series Rim Exit Device - Fire Rated for Steel/Wood Doors**
- 8700 Series Rim Exit Device - Life Safety for Steel/Wood Doors**
- 8800 Series Rim Exit Device - Life Safety for Aluminum/Glass Doors**

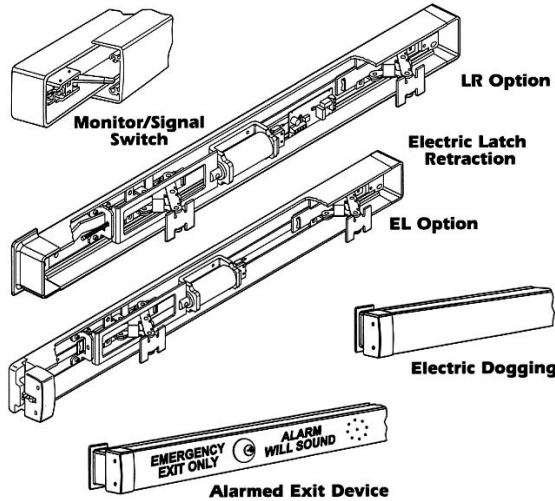
HOW TO ORDER 3700, 8700, 8800

If required, specify cylinder and other trim separately.



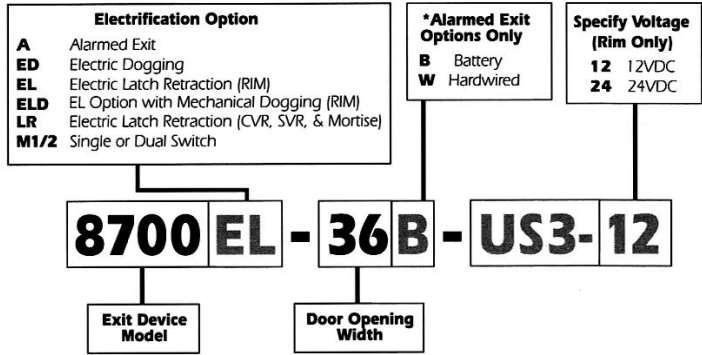
Refer to separate catalog page for more information.





HOW TO ORDER ELECTRIFICATION OPTIONS

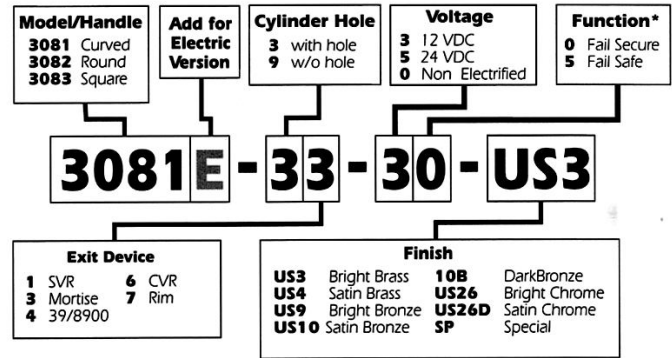
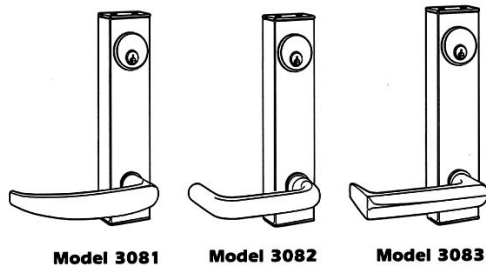
Order PS-LR Power Supply separately, required for all CVR, SVR and Mortise Devices.



*Cannot be combined with EL/LR/ED options.

HOW TO ORDER 3080/3080E SERIES ENTRY TRIM

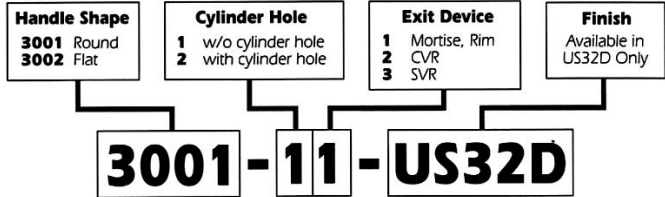
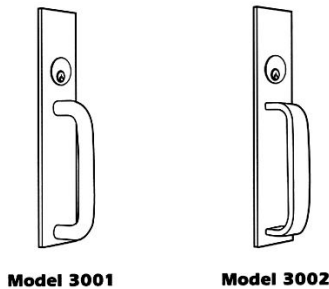
Trim uses 1-5/32" Mortise cylinder with MS cam. If required, order cylinder separately.



*3080E Series only

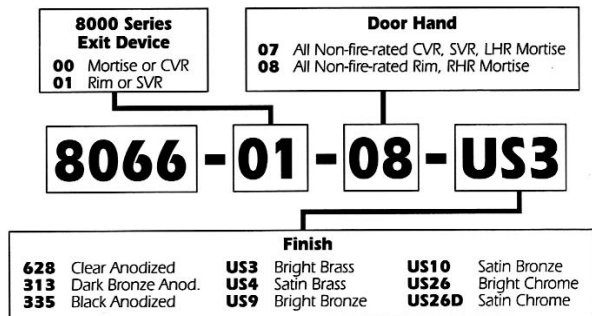
HOW TO ORDER 3001 or 3002 FIXED PULLS

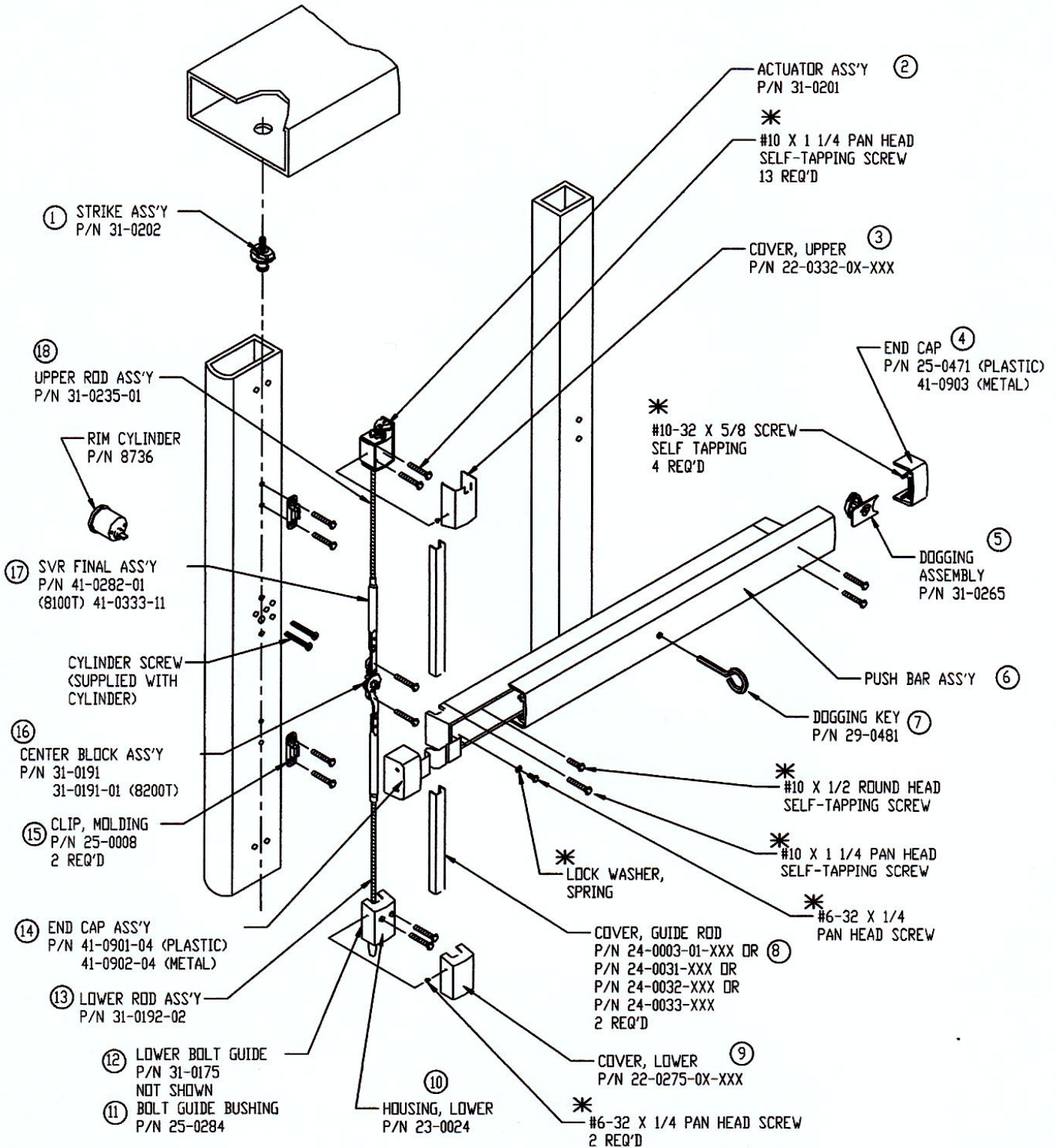
If required, order cylinder separately.



HOW TO ORDER 8066 THUMBTURN

Trim uses 1-5/32" Mortise cylinder with MS cam. Order cylinder separately.





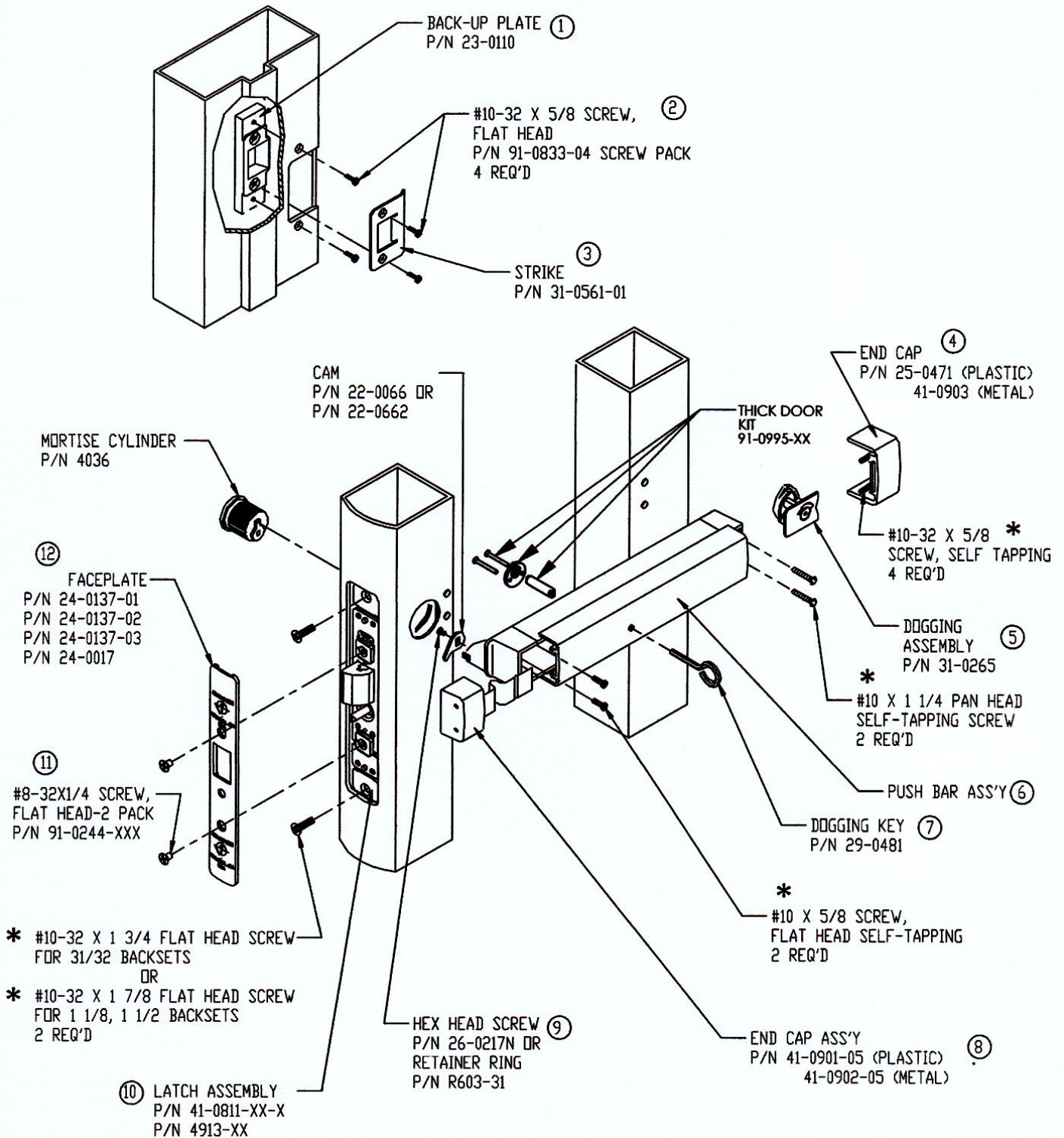
Always available

GSDC Inc.com
Gulf States Door Control

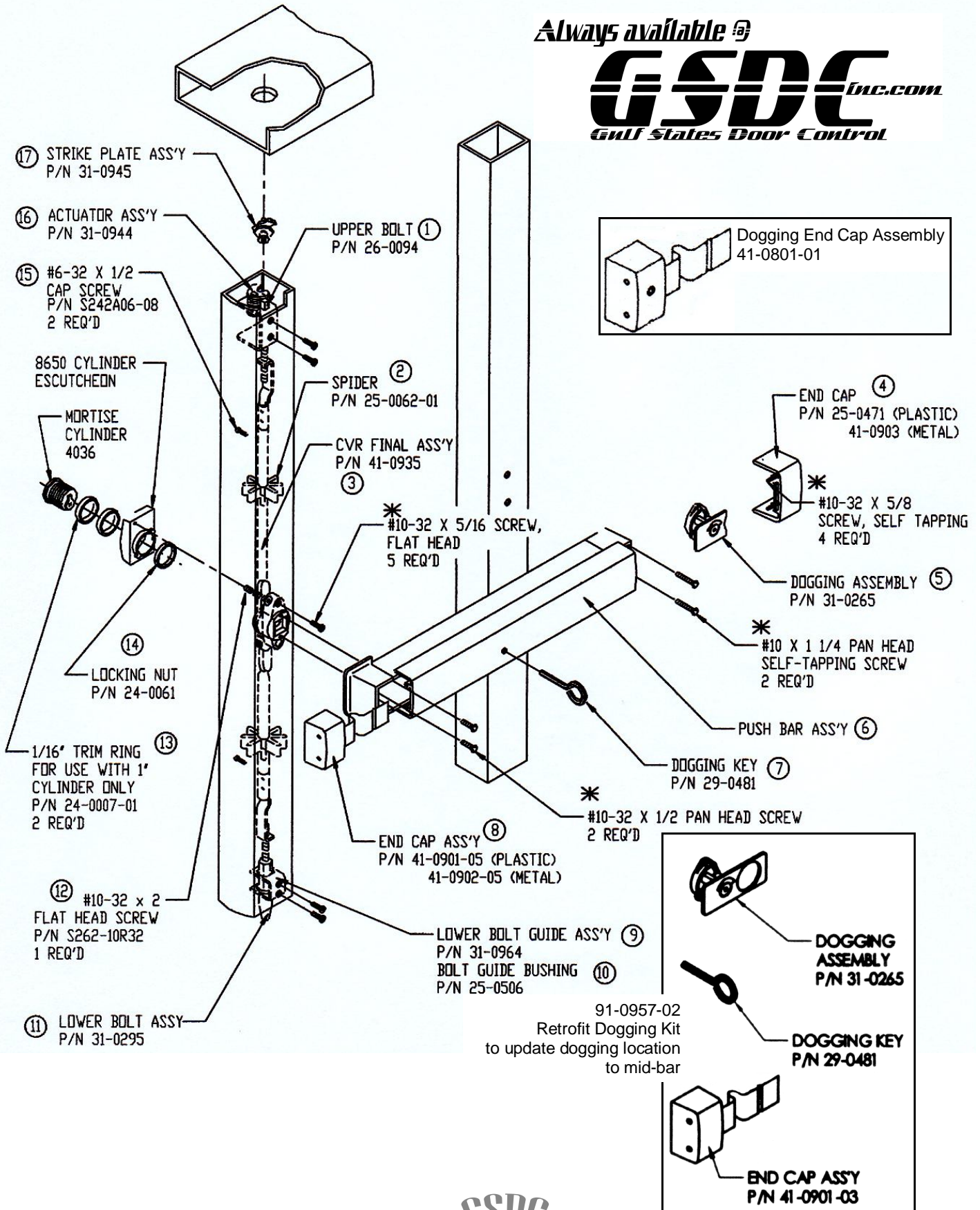
GSDC
25 years

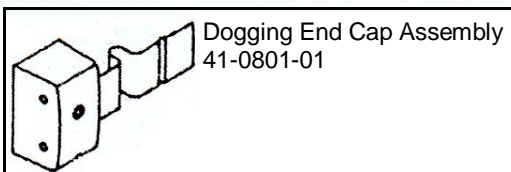
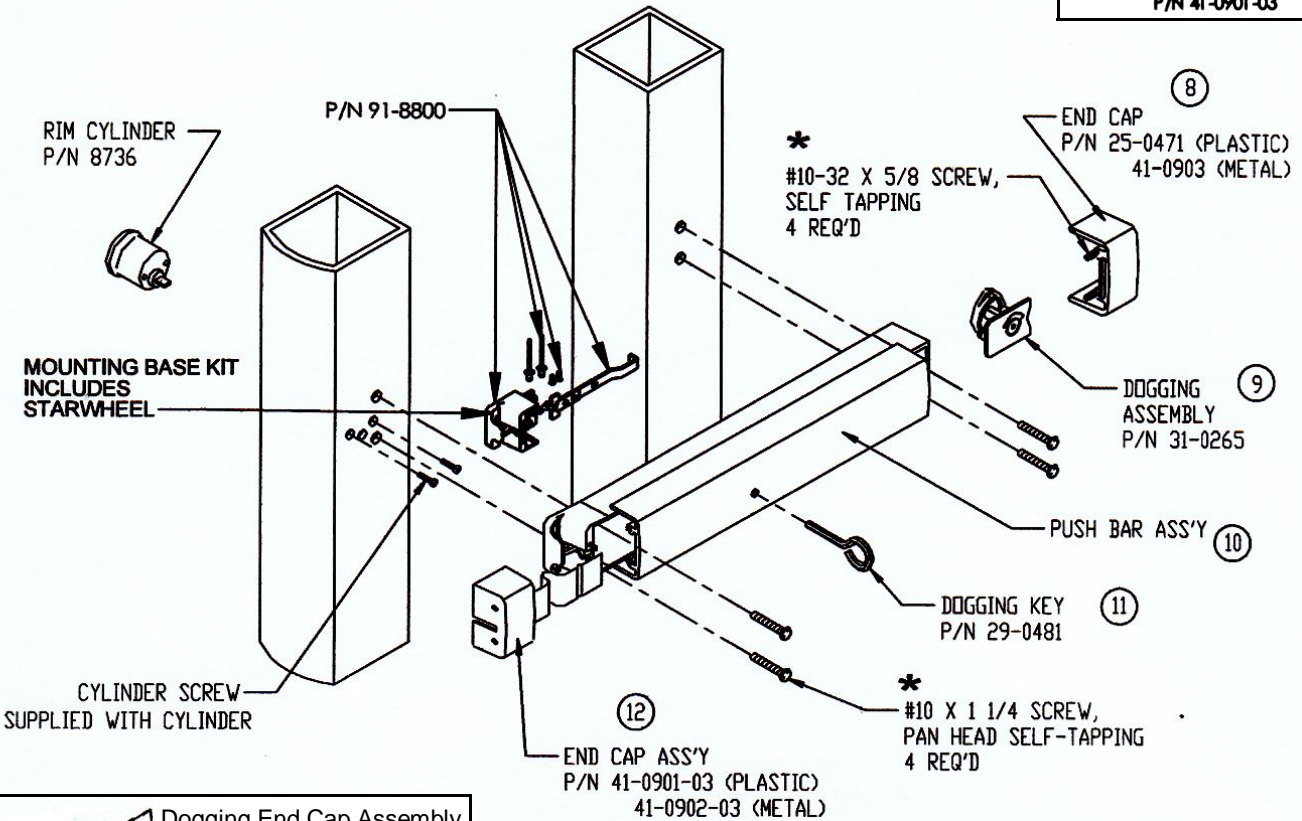
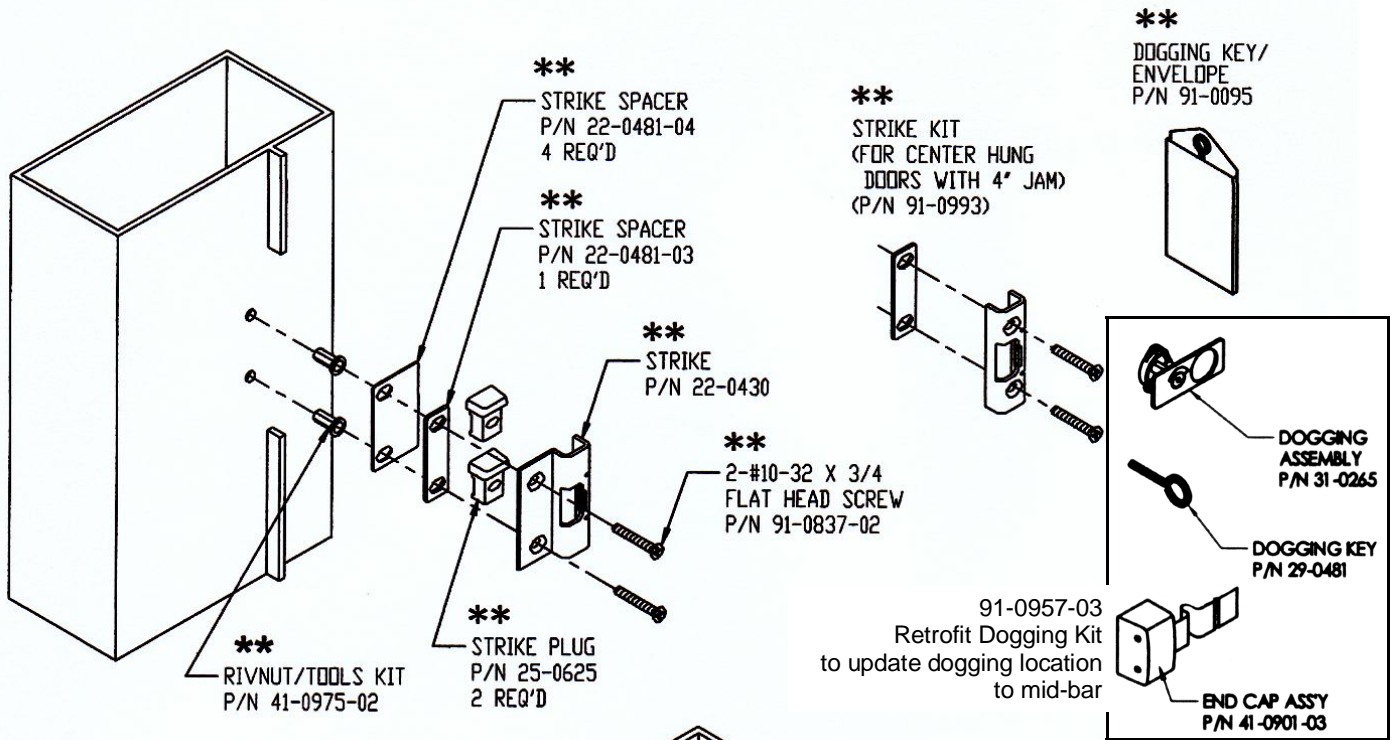
Call (800) 266-4950 Fax (800) 940-3667

Check us out online @ www.gsdinc.com

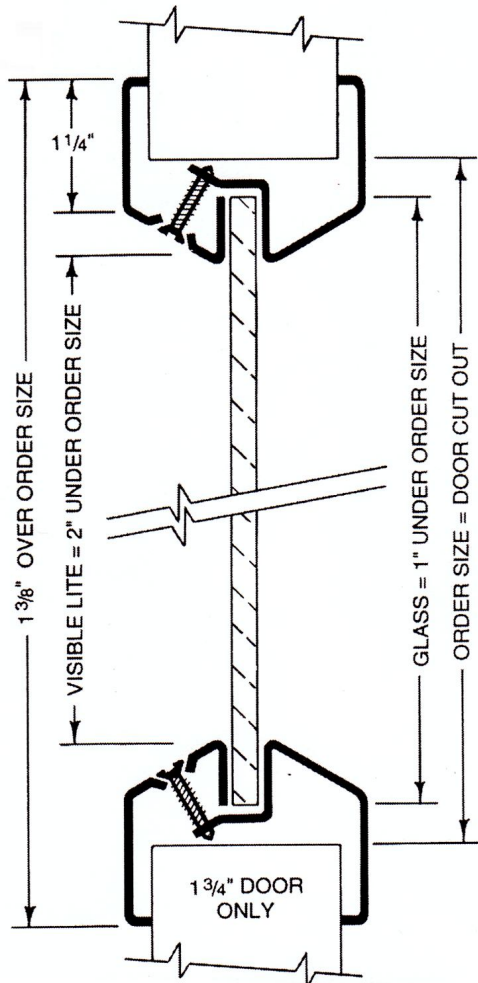


Always available









Model VLF-EZ

Beveled VISION LITE with continuous glass retainer.

Recommended for applications where total visibility and light transmissions are required.

Specifications

Standard Features:

Material: 20 gauge CRS frame.

Construction: Mitered and welded corners, beveled return, continuous glass retainer, countersunk mounting holes. This mounting method leaves corridor side of frame free of fasteners for aesthetic and security purposes.

Finish: Mineral bronze baked on powder coat.

Door: For 1-3/4" door (for other glass and door thickness, see VLF-EZ-IG).

Fasteners: #8 x 7/8" flathead phillips head SMS.

Glass: Use 1/4" fire rated with UL classification markings for fire rated applications.

Fire Ratings (with UL and WHI classification markings):

- 20 Minute: Approved listing at 1296 sq. in. visible lite (max. width 54", max. height 54")
- 45 Minute: Approved listing at 1296 sq. in. visible lite (max. width 54", max. height 54")
- 60/90 Minute: Approved listing at 100 sq. in. visible lite (max. width 10", max. height 33")

CUTOUT SIZE	EXPOSED SQ INCH	STANDARD PACK	GLASS ORDER SIZE
5X35	99	3	4X32
6X27	100	3	5X26
7X22	100	3	6X21
8X32	180	3	7X35
8X36	204	3	7X35
10X10	64	10	9X9
12X12	100	10	11X11
18X32	480	4	17X31
18X36	544	4	17X35
24X24	484	4	23X23
24X30	616	4	23X29
24X32	704	4	23X31
24X36	748	4	23X35
24X60	1276	2	23X59
24X64	1365	2	23X63
30X36	1080	2	29X35

AIR LOUVERS INC.

GSDC
25
years

Call (800) 266-4950 Fax (800) 940-3667

Check us out online @ www.gsdcinc.com

Model VLF-EZ-IG
Beveled VISION LITE with continuous glass retainer.

Recommended for applications requiring fire rated, safety, and/or insulated glazing up to 1" thick.

Specifications

Standard Features:

Material: 20 gauge CRS frame.

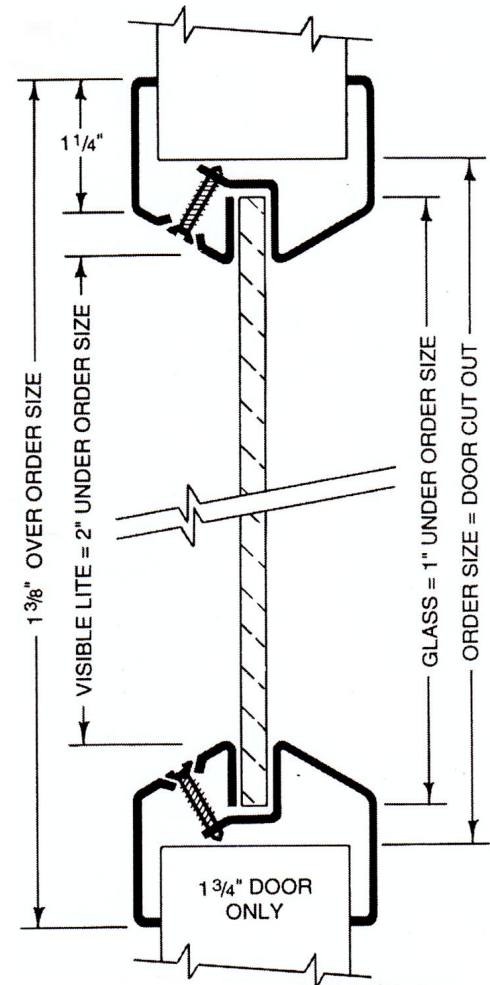
Construction: Mitered and welded corners, beveled return, continuous glass retainer, countersunk mounting holes. This mounting method leaves corridor side of frame free of fasteners for aesthetic and security purposes.

Finish: Mineral bronze baked on powder coat.

Door: 1-3/8" up to 2-1/2" thick.

Fasteners: #8 x 7/8" flathead phillips head SMS.

Glass: Use 1/4" to 1" thick glass. Please specify glass thickness when ordering.



CUTOUT SIZE	EXPOSED SQ INCH	STANDARD PACK	GLASS ORDER SIZE
5X35	99	3	4X32
6X27	100	3	5X26
7X22	100	3	6X21
8X32	180	3	7X35
8X36	204	3	7X35
10X10	64	10	9X9
12X12	100	10	11X11
18X32	480	4	17X31
18X36	544	4	17X35
24X24	484	4	23X23
24X30	616	4	23X29
24X32	704	4	23X31
24X36	748	4	23X35
24X60	1276	2	23X59
24X64	1365	2	23X63
30X36	1080	2	29X35



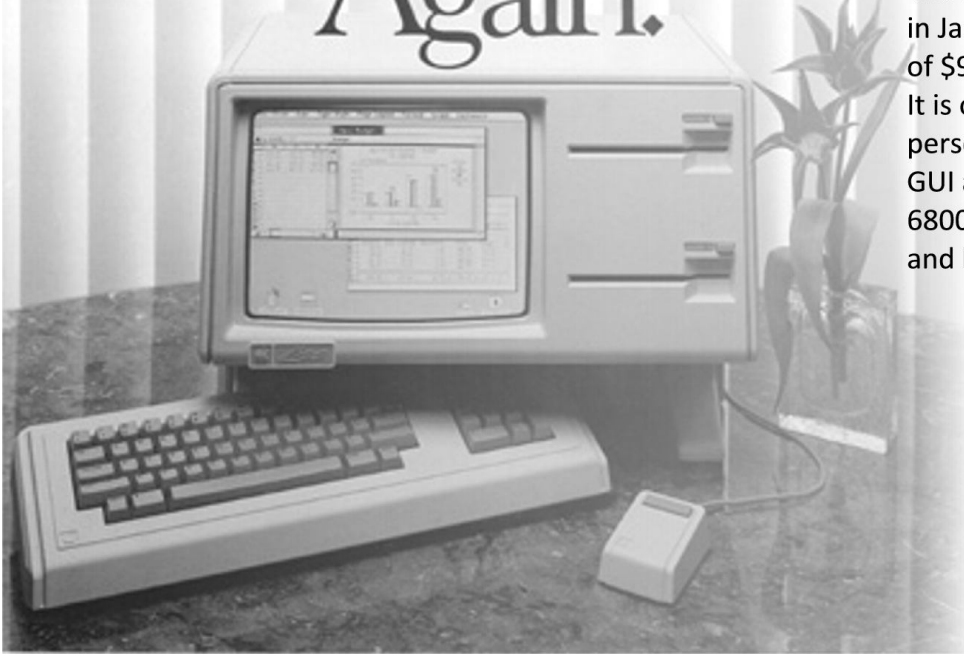
Apple
invents the
personal
computer.
Again.

25 YEARS

Gulf States
DOOR CONTROL 
SINCE 1983

January 19th, 1983

The Lisa was first introduced in January 19, 1983 at a cost of \$9,995 US (\$21,482.26 in 2008 dollars). It is one of the first commercial personal computers to have a GUI and a mouse. It used a Motorola 68000 CPU at a 5 MHz clock rate and had 1 MB RAM.



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GSDC
25
years

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ALARM LOCK

Call (800) 266-4950 Fax (800) 940-3667



Check us out online @ www.gsdinc.com

DL2700 Our most popular digital lock

DL2800 Economical audit trail lock

DL3000 Advanced audit trail lock

DL4100 PIN or PIN/prox privacy-button lock

PDL3000 PIN/prox lock with audit trail

PL3000 Prox-only vandal proof lock

DL3500, PDL3500 Mortise PIN or PIN/prox locks

DL1200, DL1300, PDL1300 Narrow stile PIN/prox locks

ETDL, ETPDL Retrofits with existing panic exit trim - most major brands. Automatically dog-down exit doors on real time schedule. Adds audit trail, too.

DK3000 & PDK3000 PIN, PIN/prox 12V/24V AC/DC weatherproof keypads

Add dependable wireless access control a door at a time with field-proven Trilogys® electronic standalone locks. Fingertip or PC programmable, Trilogys support up to 2000 PIN codes or use standard HID Prox ID cards/fobs. Multi-level user hierarchy includes one-time service codes, group or total lock-out codes and easy passage. Offer time-/date-stamped reports of door usage by user and print them from a PC or wireless handheld printer, making Trilogys ideal for HIPAA-compliant access control for securing private health records. With automatic lock/unlock schedules Trilogys saves manpower costs. Grade 1 durability, weatherproof, and in coming in five architectural finishes, there's a Trilogys for every application.

DL1200, DL1300, PDL1300 PIN and PIN/prox aluminum door retrofit outside trim

Narrow Stile Trilogy® Lock models:

- **DL1200 Series** supports 100 users, fingertip/keypad programmable. (Includes 2 Lithium 3V batteries).
- **DL1300 Series** supports 2000 users and includes 40,000 event audit trail and 500 event schedule. Keypad or PC programmable. (Includes 2 Lithium 3V batteries) (See accessories below.)
- **PDL1300 Series** supports 2000 PIN or Prox users and includes 40,000 event audit trail and 500 event schedule. Keypad or PC programmable. (Includes 2 Lithium 3V batteries)
- **KIT ALSO AVAILABLE: Complete electronic and mechanical access retrofit kit** including Trilogy electronic narrow stile trim and mechanical Adams Rite 4900 Series dead latch lock (specify either 1 1/8" or 1 1/2" backset for mechanical lock required).



Trilogy Narrow Stile lever models (left and right) designed to work with Adams Rite® latch series; Thumbturn models (shown at center) support swing & hook bolt products .

Plus, PC-programmable 1300 Series models provide audit trail log of door users.



Experience the possibilities...

- **Aluminum door retrofit outside trim for Adams Rite®** 1850, 1950, 4710, 4070, 4730, 4900 Series and MS1850S and MS1950S Series latch locks.
- **Field-proven**, familiar Trilogy® programming & electronics
- **PIN code and PIN/Prox Models** support 100 to 2000 users (see model info.)
- **40,000 event audit trail** in 1300 Series models, provides door usage activity reports at wireless handheld printer, laptop or PC.
- **All-metal, vandal-resistant 12-button keypad** supports 3-6 digit PIN codes, and multilevel user hierarchy (master, manager, supervisor, basic users)
- **Keypad or PC programmable** (see model info.). Quickly and easily add or delete users and enter "passage mode", service codes, group lock-out & group-enable
- **HID Prox ID cards, keyfobs and prox tags supported** in PDL-1300 Series models featuring built in Prox reader. (High security applications can require use of both PIN code plus Prox ID for access.)
- **Real time clock and PC programmable automatic lock/unlock scheduling** for 500 events (1300 Series models).
- **Wide weatherproof operating range** from -31 to 151°F (-35 to 66C)
- **Wireless standalone locks:** Long-life, battery- operated; Includes audible and visual low battery alert. (Uses standard off-the-shelf batteries.)
- **Non-handed; fully field-reversible**
- **Key override; interchangeable cores supported** (Corbin/Russwin, Yale, Schlage, Medeco.)
- **Mortise Cylinder**, 1-1/4" supplied. (Supports 1-1/8, 1-1/4 and 1-3/8")
- **Compact styling** 14-3/8"H x 1-5/8"D x 1-3/4"W
- **Backsets** 31/32", 1-1/8" and 1-1/2" ; **Stile thickness** 1-3/4"
- **Four attractive standard finishes** US26D Satin Chrome, US10B Duronodic, MS Metallic Silver and MB Metallic Bronze



**DL1200, DL1300**

- Aluminum door retrofit outside trim for Adams Rite® 1850, 1950, 4710, 4070, 4730, 4900 Series and MS1850S and MS1950S Series latch locks
- Add keyless convenience to mechanical latch locks from Trilogy's allmetal, vandal-resistant 12-button keypad and/or automatic timed/scheduled locking/unlocking and audit trail with 1300 Series
- DL1200 supports 100 3-6 digit PIN user codes, fingertip programmable
- DL1300 (and Prox PDL1300, right) support 2000 users, PC programming/reporting and features 40,000 event audit trail by user and 500 event schedule/real time clock (e.g. lock/unlock by time)
- Weatherproof -31° to +151°F (-35° to +66°C)
- Long-life, battery-operated for 100,000 and 80,000 cycles respectively, typ. on 2 lithium 3V batteries, supplied; low battery alert
- Compact styling 14-3/8"H x 1-5/8"D x 1-3/4"W
- Key override mortise cylinder, 1-1/4" supplied. (Supports 1-1/8", 1-1/4" and 1-3/8"). Also interchangeable cores supported (Corbin/Ruswin, Yale, Schlage, Medeco.)
- Backsets 31/32", 1-1/8" and 1-1/2"; Stile thickness 1-3/4"
- Non-handed; fully field-reversible
- Four finishes US26D satin chrome, US10B duronodic, MS metallic silver and MB metallic bronze

**PDL1300**

- Built-in prox reader, supports up to 2000 users with HID Prox ID cards or /fobs or 3-6 digit PIN codes
- Easy Tap & Add batch prox ID card enrollment mode allows many cards to be quickly added without PC –also– downloadable from PC or prox enroller tool
- 40,000 event time-/date-stamped audit trail by user
- 500 event schedule/real time clock (e.g. lock/unlock by time)
- Long-life, battery-operated for 65,000 cycles, typ. on 2 lithium 3V batteries, supplied; low battery alert

**Trilogy 1200 & 1300 Series:
Convenient Keyless Access
and Audit Trail anywhere
there's an aluminum
narrow stile door:**

- Storefronts
- Managed Properties
- Restaurants
 - Retail
 - Airports
- Showrooms
- Campuses
- Hospitals
- Businesses
- Strip Malls

How To Order**Trilogy Narrow Stile****DL1200/26D1****Model Type**

PDL – Prox/PIN
DL – Digital PIN

Trilogy Series

12 – 2700 Series
13 – 3000 Series

Trim

00 = Lever
25 = Turnpiece
50 = Knob
75 = Regal lever

Finish

/26D Satin Chrome
/10B Duronodic
/MS Metallic Silver
/MB Metallic Bronze

Mechanical Dead Latch

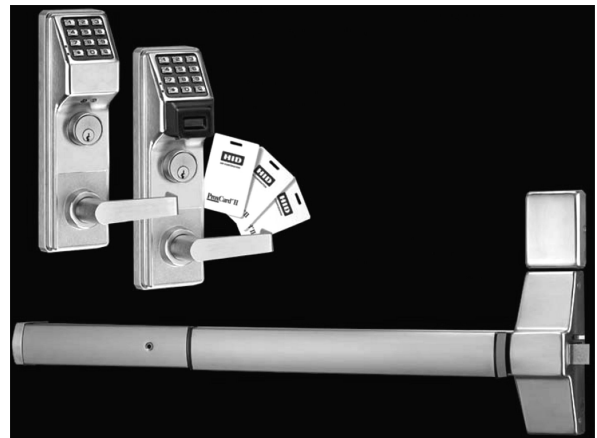
- 1 – Supports Adams Rite:
4710, 4730, 4900 Series
- 2 – Supports Adams Rite:
4070, MS1850S,
MS1850S-050, MS1950,
MS1950-050
- 3 – KIT Includes Adams Rite
4900 with 1-1/8" backset,
628 & 313 faceplate
- 4 – KIT Includes Adams Rite
4900 with 1-1/2" backset,
628 & 313 faceplate

TRILOGY EXIT FEATURES

- Field-proven clutch Mechanism ensures long life and durability
- Fingertip and/or Windows Programmable
- 2000 User Codes: Master, manager, supervisor and users
- Real Time Clock for up to 40,000 Event Time/ Date-Stamped Audit Trail
- Up to 500 Lock/Unlock Schedules (with Time ZoneSupport)
- Rugged 12-Button Weather-Resistant Metal Keypad
- Non-Handed; Fully Field Reversible
- Adaptable to most major manufacturers of standard RIM and IC RIM Cylinders (See separately ordered Cylinder Adapter Kit, pg.3)
- Battery operated; uses 5 AA batteries
- Battery pack mounts to interior door. Located over or under panic bar (position dependent upon exit device manufacturer).

TRILOGY EXIT WITH PROX

- Accepts most HID Proximity cards and keyfobs
- Users are individually programmed to use a card only, code only, or for the highest security – both card and code
- 2000 User Codes: Master, manager, supervisor and users
- Real Time Clock for up to 40,000 Event Time/ Date-Stamped Audit Trail
- Up to 500 Lock/Unlock Schedules (with Time Zone Support)
- Prox Card data can be added to software by uploading from lock, by using AL-PRE or entering directly from computer using DL-Windows software.
- Field-proven clutch Mechanism ensures long life and durability
- Fingertip and/or Windows Programmable
- Rugged 12-Button Weather-Resistant Metal Keypad
- Non-Handed; Fully Field Reversible
- Adaptable to most major manufacturers of standard RIM and IC RIM Cylinders (See separately ordered Cylinder Adapter Kit, pg.3)
- Battery operated; uses 5 AA batteries
- Battery pack mounts to interior door. Located over or under panic bar (position dependent upon exit device manufacturer).



The Trilogy Exit will work with the following Panic Bars:

- Von Duprin 99 Series
- Corbin ED5000 Series
- Yale 7100 Series
- Dorma 9300 Series
- Arrow 3800 Series
- Sargent 8800 Series

How To Order

Trilogy Exit

ETPDL- O R/ 26D V99

<p>TYPE:</p> <p>PDL = Digital with Prox PL = Prox Only DL = No Prox</p> <p>DOOR THICKNESS:</p> <p>0 = 1 3/4" +/- 1/8" 1 = 2" +/- 1/8" 2 = 2 1/4" +/- 1/8" 3 = 2 1/2" +/- 1/8"</p> <p>HANDLE:</p> <p>R = Regal S = Straight</p>	<p>Finish:</p> <p>26D = US26D Satin Chrome 10B = Duronodic 26 = US26 Polished Chrome 3 = US3 Polished Brass</p> <p>OEM TRIM</p> <p>V99 = Von Duprin 99 C50 = Corbin ED5000 & Yale D93 = Dorma 9300 A38 = Arrow 3800 S88 = Old Style Sargent N58 = New Style Sargent P11 = Precision 1100 CR8 = Cal Royal 9800</p>
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**Trilogi® T2 standalone
digital cylindrical lock**
For Hollow Metal or Wood Doors

DL2700 Series

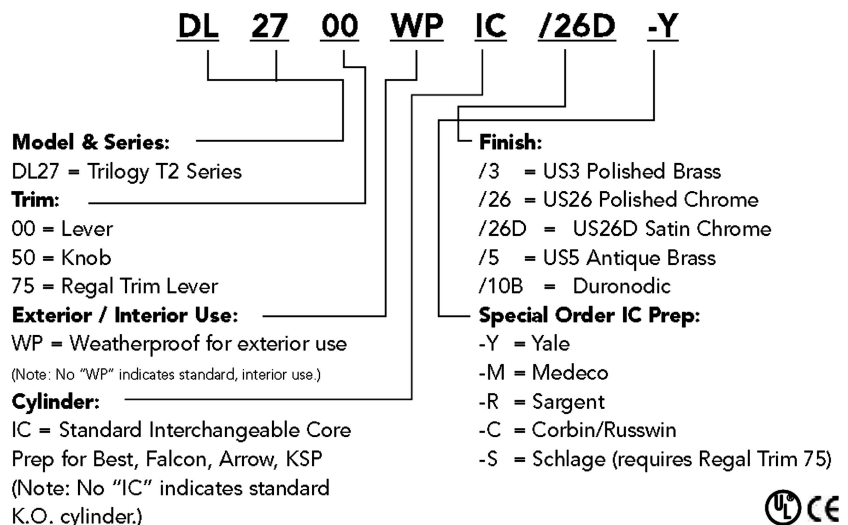
Our most popular keypad door lock – now with more codes & power!

- More codes: up to 100 3-5 digit codes: 1 master, 10 managers, 90 basic users, 3 one-time service codes
- 5AA battery operated; 150,000 cycles, typ.
- For outdoors, specify WP weatherproof models -31° to +151°F (-35° to +66°C)

Features

- Grade 1 Durability. Dependable lockset with rugged clutch mechanism, plus vandal-proof all metal keypad.
- Multi-level user codes: Master, 10 managers, 90 users, 3 service codes
- Up to 100 different user codes (3-5 digits)
- 100% keypad programmable with a fingertip
- Individual, group or total user lockout codes
- Easy passage mode by manager and/or master
- Easy to install in about an hour, retrofits cylindrical knobsets and digital locks using slightly modified ANSI A115 Series Prep
- Standalone battery operated; uses 5 AA batteries
- Key override. All IC Core models include a large format key in knob cylinder, supporting Best, Falcon, Arrow and KSP. Other interchangeable core preps available: Yale, Medeco, Sargent, Corbin/Russwin, Schlage
- Non-handed for easy installation and versatility
- 2-wire remote override or key bypass capability
- Visual and audible entry indicators
- WP Models for weatherproof performance, water-sealed for use inside and out, with operational temperature range of +151°F to -31°F (+66°C to -35°C)

How To Order



Innovative remote release mag-kit

KIT RR-PM1200PAK
RR-PM1200PAK

- Advanced 1200 lb. Electromagnetic Lock with Infrared Remote Release
- The power of a mag with the convenience of pocket-size remote controls for reception or staffers
- Complete turnkey system includes: Advanced 1200 lb. Mag, one remote control, and plug-in AC transformer
- Plug-in 12VAC transformer eliminates the requirement for pulling wires or the services of an electrician (optional use)
- Supports up to 100 individual remote controls (ALREMOTE)
- Releases mag from either side of door
- AL-REMOTE Keyfob features single button operation with positive "click" response
- Automatically-enrolled by system in easy programming mode and is audibly and visually confirmed
- UL-listed; CE-listed



DOOR ALARMS

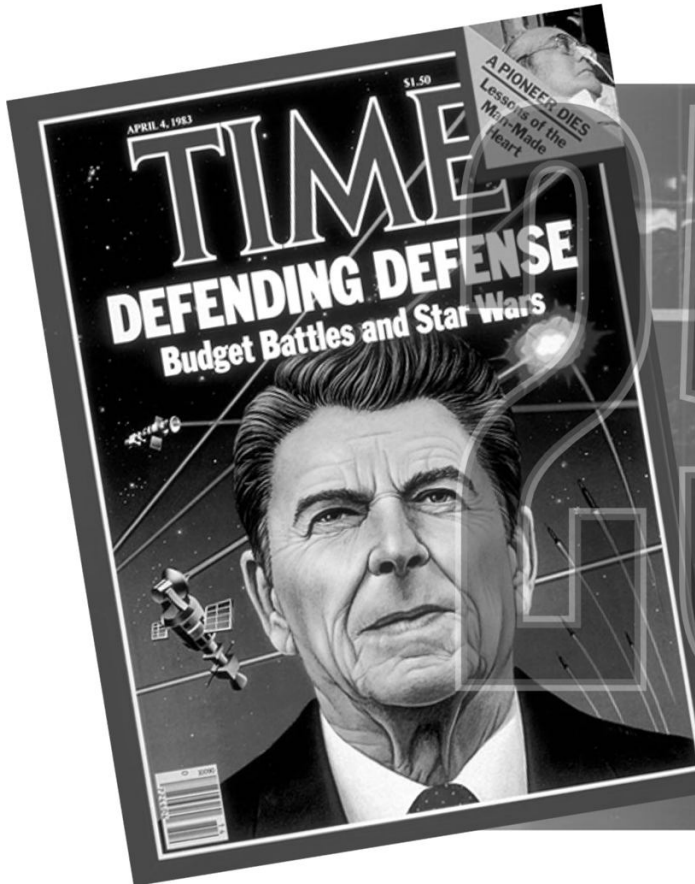
- Two selectable arming modes –
 1. Always armed mode – when key is turned counter clockwise to the disarm position, the key cannot be removed. To remove key, turn back to arm mode, thus keeping unit armed always.
 2. Standard arming mode – when key is inserted turning counter clockwise will disarm and key can be removed. Turning key clockwise will arm and key can be removed.
- Max-Flex Terminals, allowing for any or all of the following:
 - Continuous power with the addition of an external power supply
 - Multiple door monitoring permitted with built-in external reed switches
 - Status Indicator – The LED will indicate RED when armed.
 - Entry Delay Time Options – include 15 seconds, 1 minute 15 seconds & 3 minutes 15 seconds
- Sleek model design key-activated door alarm for use on standard size and narrow stile doors
- Unauthorized use of door causes alarm to sound and activates LED indicator
- Options include continuous alarm, minute shutdown with auto reset and exit/entry delay
- Uses standard mortise cylinder
- Tamper switch supervised
- For exterior key control, optional RIM cylinder may be used
- Metallic silver or duronodic finish
- Optional Strobe unit (shown) – PG21MSS/PG21MBS units include a highly visible amber strobe will flash when unit goes into alarm



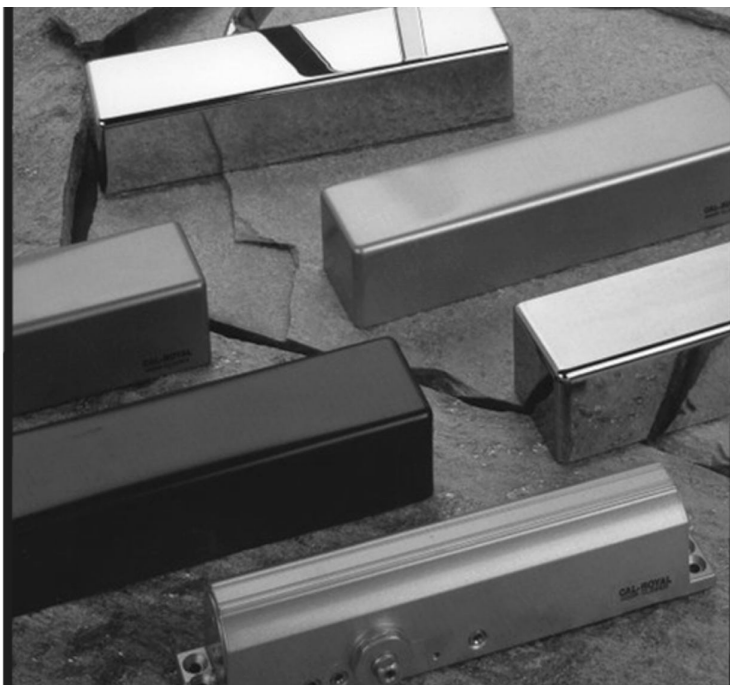
PG21MS Series



Gulf States
DOOR CONTROL SYSTEMS
SINCE 1983



March 23, 1983
President Ronald Reagan addresses the citizens of America and introduces the Strategic Defense Initiative, later named 'Star Wars'.



Call (800) 266-4950 Fax (800) 940-3667



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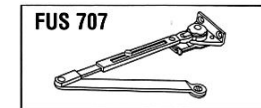
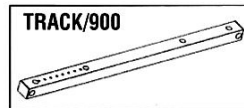
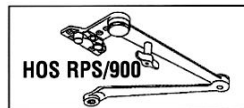
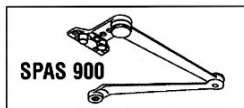
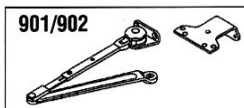
DESCRIPTION	SIZE	
A. Length of Closer Body	11 3/4"	
B. Horizontal Mounting Holes	11 1/8"	
C. Vertical Mounting Holes	3/4"	
D. Width of Closer Body	2"	
E. Projection from Door	2 7/8"	

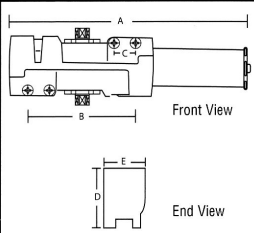
Features:

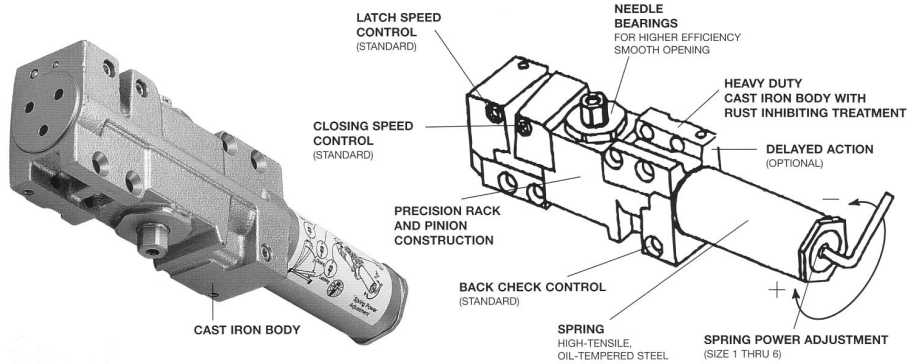
- Universal application. Non-handed for standard, top-jamb or parallel arm installation
- Non-sized, 2 thru 6 and 1 thru 4 FACTORY PRESET SIZE 3
- Standard adjustable back-check function
- Adjustable closing and latching speed by two separate regulating valves
- Standard full plastic cover
- Extended long arm for top jamb mount with deep reveals. 900 EXT
- ANSI 156.4 Grade 1: UL listed for fire door assemblies
- Available in Alum, Duro, Gold, US3, 26, 26D, 10A and US5 Finishes
- Optional adjustable delayed action (DA)
Preset at the factory for approximately 20 seconds, between 70° and 0°
Delay time easily adjusted up to 1 minute
- Barrier free (BR) Meets ADA regulation.
Size 1 thru 4. Engineered with reduced spring power to provide easier opening for handicapped or elderly.

Accessories:

- Parallel hold-open adjustable arm (Non handed). 901/902
- Fusible link hold-open arm (Non handed). FUS707 melting point of 125° F (52° C)
- Optional Metal cover
- Optional, non-handed parallel arm features solid forged steel main arm and forearm with stop in soft fit shoe. SPAS/900
- Optional, non-handed parallel arm features solid forged steel main arm and forearm provides hold-open functions with templated stop/hold-open points. Handle controls hold-open function. HOSRPS/900
- Slide track arm. TRACK/900 with hold open
- Flat drop bracket 950

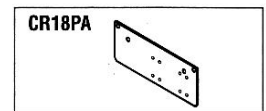
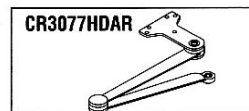
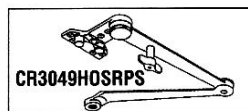
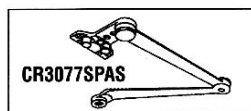
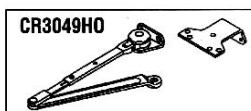


DESCRIPTION	SIZE	
A. Length of Closer Body	11"	
B. Horizontal Mounting Holes	5"	
C. Vertical Mounting Holes	1"	
D. Width of Closer Body	2 3/4"	
E. Projection from Door	2"	



Accessories:

- Parallel hold-open adjustable arm (Non-handed). CR3049HO
- Non-handed forged solid steel parallel arm for extra abusive installations. CR3077HDAR
- Optional, non-handed parallel arm features solid forged steel main arm and forearm with stop in soffit shoe. CR3077SPAS
- Optional non-handed parallel arm features solid forged steel main arm and forearm provides hold-open function with templated stop/hold-open points. Handle controls hold-open function. CR3049HOSRPS
- Drop plate used where top rail is less than 3 3/4". CR18
- Drop plate for top jamb where face is less than 3 1/2". CR18TJ
- Drop plate for top jamb mounted closer flush with top of head frame face in flush ceiling condition. Plate requires 1 3/4" minimum head frame. CR18G
- Drop plate for parallel arm mounting top rail is less than 5 1/2" measured from stop. Plate requires 2" minimum top rail. CR18PA
- Available in Alum, Duro, Gold, US3, 26 and other plated finishes
- Optional Metal cover.





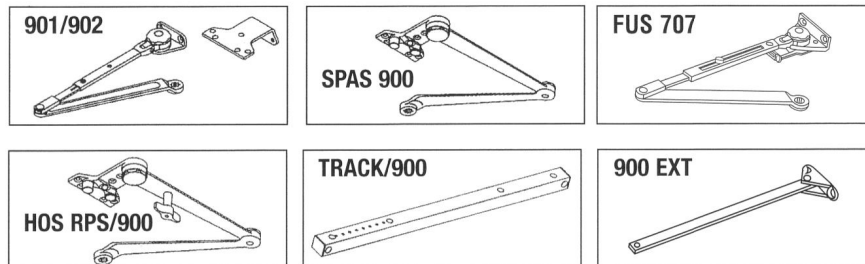
Replacement Hole Pattern As Norton CR801S-BF/CR801-BF & Yale 3301/3501	
DESCRIPTION	SIZE
A. Length of Closer Body	12 3/4"
B. Horizontal Mounting Holes	12"
C. Vertical Mounting Holes	3/4"
D. Width of Closer Body	1 1/4"
E. Projection from Door	2 1/8"

Features:

- Universal application. Non-handed for standard, top-jamb or parallel arm installation
- Non-sized, 1 thru 6. FACTORY PRESET SIZE 3
- Standard adjustable back check function
- Adjustable closing and latching speed by two separate regulating valves
- Standard slim plastic cover (CR801S-BF)
- Standard full plastic cover (CR801-BF)
- Available in Alum, Duro, Gold, US3, 26, 26D, 10A and US5 finishes

Accessories:

- Parallel hold-open adjustable arm (Non-handed). 901/902
- Fusible link hold-open arm (Non-handed). FUS707 melting point of 125° F (52°C)
- Optional metal cover
- Optional, non-handed parallel arm features solid forged steel main arm and forearm with stop in soffit shoe. SPAS/900
- Optional, non-handed parallel arm features solid forged steel main arm and forearm provides hold-open function with templated stop/hold-open points. Handle controls hold-open function. HOSRPS/900
- Slide track arm. TRACK/900 with hold open
- Flat drop bracket 850
- Extended long arm for top jamb mount with deep reveals. 900 EXT
- ANSI 156.4 Grade 1: UL listed for fire door assemblies
- Optional adjustable delayed action (DA)
Preset at the factory for approximately 20 seconds, between 70° and 0°
Delay time easily adjusted up to 1 minute
- Barrier free (BF) Meets ADA regulation
Size 1 thru 6. Engineered with reduced spring power to provide easier opening for handicapped or elderly





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Specifications:

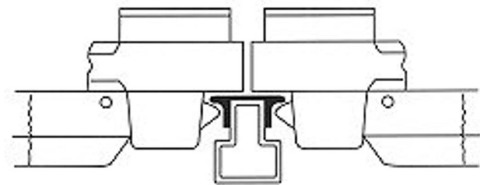
- For Doors - 1-3/4" thick standard optional 2-1/4" thick. 4-1/2" minimum stile width required for single or double door application using standard 239 strike and pull or lever trims.
- Chassis - Nonferrous alloy (Panic Grade), steel (Fire Grade)
- Cover - Nonferrous alloy. Covers stock hollow metal doors with 161 cutout.
- Mounting - Furnished standard with wood and machine screws. Available with thru bolts on request. **Thru bolts are included and standard packaging on fire rated devices.**
- End Cap - Steel construction.
- Alarm - Available. See Alarm Exit Hardware section.
- Hand - Non handed, center hub.
- Latch Bolt - Stainless steel 3/4" throw.
- Spring - Stainless steel throughout.
- ANSI Standard - A156.3, Grade 1.
- Rail Assembly - Heavy gauge steel, painted.
- Strike - 239 packed standard (See Strike page).
- Dogging Feature - Allen-type key furnished standard on non-fire labeled devices. Cylinder dogging available.
- Mullion - Available.
- UL and ULC Listed - 2200 Series for panic. F2200 Series for fire exit hardware for all types of 4' x 8' single doors and 8' x 8' double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1997 codes.
- Finish - Aluminum (alum), dark bronze duranodic (duro), gold.
- Door Size - 2200E036 and F2200E036 for 36" doors. 2220E048 and F2220E048 for 48" doors.

Dimensions

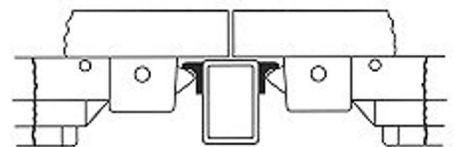
Touchbar Height to Finished Floor	41" (1043mm) at center
Touchbar Projection - neutral	2 1/2" (64mm)
Touchbar Projection - depressed	1 3/4" (45mm)
Center Case	5 1/8" x 2 3/4" x 2" (129mm x 69mm x 52mm)
Device Length - Short 3' (914mm)	2'2" x 3' (840mm to 914mm) door size
Device Length - Long 4' (1219mm)	2'9" to 4' (1145mm to 1219mm) door size

Minimum Stile Requirements

Double Door -- 4 1/2" Min. Stile

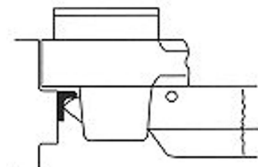


239 Strike -- 418 Mullion



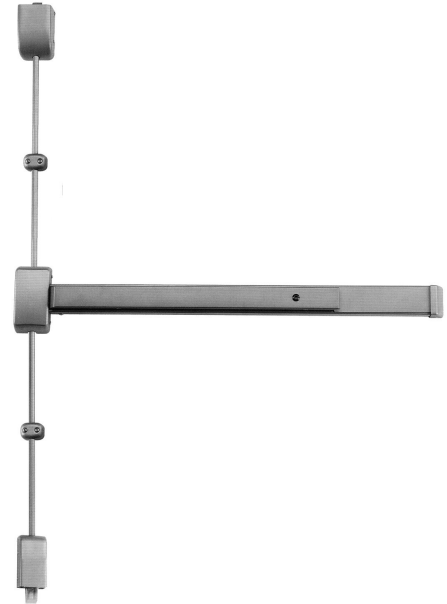
239 Strike -- 424 Mullion
4 5/8" Min. Stile

Single Door 4 1/2" Min. Stile



Specifications:

- For Doors - 1-3/4" thick standard optional 2-1/4" thick. 3-3/4" minimum stile width required for single door application. 3-1/2" minimum stile width required for double door application. Lever trims available.
- Chassis - Nonferrous alloy (Panic Grade), steel (Fire Grade)
- Cover - Nonferrous alloy. Covers stock hollow metal doors with 161 cutout.
- Mounting - Furnished standard with wood and machine screws. Thru bolts are standard packaging on fire rated devices. **Thru bolts are included and standard packaging on fire rated devices.**
- End Cap - Steel construction.
- Alarm - Available. Prefix "Alrm" before part #.
- Hand - Easily field reversible. Specify at time of order LHRB, RHRB for convenience.
- Latch Bolt - Stainless steel.
- Spring - Stainless steel.
- ANSI Standard - A156.3, Grade 1.
- Rail Assembly - Heavy gauge steel, painted.
- Strike - See Strike page.
- Dogging Feature - Allen-type key furnished standard on non-fire labeled devices.
- Mullion - Available.
- UL and ULC Listed - 2260 Series for panic. F2260 Series for fire exit hardware for all types of 8' x 8' double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1997 codes.
- Finish - Aluminum (alum), dark bronze duranodic (duro), gold.
- Door Size - 2260V3694 and F2260V3684 for 36" x 84" doors. 2280V4896 and F2280V4896 for 48" x 96" doors. 2290V3696 and F2290V3696 for 36" x 96" doors. 2250V36120 for 36" x 120" doors. 2240V48120 for 48" x 120" doors.

**Dimensions**

Touchbar Height to Finished Floor	41" (1043mm) at center
Touchbar Projection - neutral	2 1/2" (64mm)
Touchbar Projection - depressed	1 3/4" (45mm)
Center Case	5 1/8" x 2 3/4" x 2" (129mm x 69mm x 52mm)
Device Length - Short 3' (914mm)	2'2" x 3' (840mm to 914mm) door size
Device Length - Long 4' (1219mm)	2'9" to 4' (1145mm to 1219mm) door size
Panic Grade Top & Bottom Latch Case	3 15/16" x 2 1/8" x 1 3/8" (100mm x 52mm x 42mm)
Fire Grade Top Latch Case	3 15/16" x 2 11/16" x 2 1/16" (100mm x 68mm x 53mm)
Fire grade Bottom Latch Case	3 15/16" x 2 1/8" x 1 3/8" (100mm x 52mm x 42mm)
Top and Bottom Rod Length for 36" x 84" doors	top rod 43 1/4" (1100mm), bottom rod 37 3/4" (960mm)
Top and Bottom Rod Length for 48" x 96" doors	top rod 53 1/16" (1350mm), bottom rod 37 3/4" (960mm)
Vertical Rods	1/2" (13mm) round tubing



Features:

- Alarm units have an internal horn. When the push rail is depressed, the horn sounds to provide an audible means of signaling that the door has been opened and violated.
- The unit has changeable 2 minute alarm cutoff or manual reset. Preset at factory for 2 minute alarm cut off. Jumper cable is provided to switch to continuous alarm.
- The key switch to turn the alarm off is a standard 1-1/4" cylinder with "C" keyway. The alarm operates on one standard 9 volt transistor battery. When battery is weak the horn will emit an intermittent signal.
- Alarmed units are supplied with two switches. One switch monitors the push rail and the other switch monitors the latchbolt for full proof security.
- Unit includes "emergency exit only. Alarm will sound" decal for application on door or unit.

Rim Type Exit Devices

ALRM 2200 EO36 - Alarm rim type 36" door (panic grade)

ALRM 2220 EO48 - Alarm rim type 48" door (panic grade)

FALRM 2200 EO36 - Alarm rim type 36" door (fire grade)

FALRM 2220 EO48 - Alarm rim type 48" door (fire grade)

Vertical Rod Type Exit Devices

Prefix "Alrm" before part #

Lever Design

- Non handed Grade 1 (Clutch Style)
- Cylindrical body hardened steel heavy duty tailpiece. For 1 3/4" and 2 1/4" doors. Prefix THI before part number for 2 1/4" door thickness. Available for fire and non fire rated rim and vertical rod exit devices.
- **ENTOOL or ICENTOOL - Entrance**
 - Key retracts latchbolt, unlocks lever.
 - ANSI Function - 08
- **STRO5L or ICSTRO5L - Storeroom**
 - Key operates lever, otherwise always locked.
 - ANSI Function - 04
- **PAS30L - Passage**
 - Trim always operable and free
 - ANSI Function - 15
- **DUM40L - Dummy**
 - Dummy trim. One sided.
 - ANSI Function - 10

**TUB Design****AT Design****SPA Design**

When ordering "AT" and "SPA" designs, prefix design name before part number. Example: ENTOOL in "AT" design is ATENTOOL.

Keyway

Standard 6-pin "C" keyway. Also available in Schlage C-K, Russwin D!, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale GA, Yale 8, Kwikset. Can also accept Medeco, Assa and Kaba high security cylinders.

Escutcheon Lever Design**Construction**

Grade 1, thrubolted design, clutch freewheeling. Non handed design. Easily field reversible. Hardened steel heavy duty tailpiece. Available for fire and non fire rated rim and vertical rod exit devices.

Finishes

Powder coated aluminum (alum)

Powder coated dark bronze duranodic (duro)

Powder coated gold

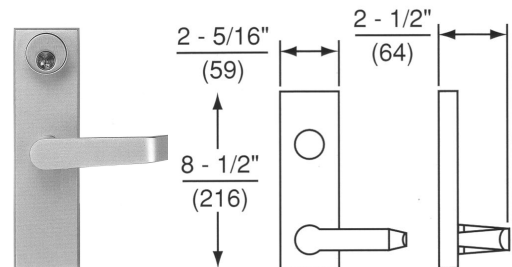
Escutcheon Dimensions

2 5/16" width x 8 1/2" length. Lever length: 4 3/4". Fits and covers 2 1/8" 161 cutout.

Keyway

Standard 6-pin "C" keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale GA, Yale 8, Kwikset. Can also accept Medeco, Assa and Kaba high security cylinders.

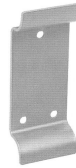
- **ESC2200 or ICESC2200 - Entrance**
 - Key locks or unlocks lever.
 - ANSI Function - 63
- **ESC2205 or ICESC2205 - Storeroom**
 - Key retracts latchbolt, otherwise always locked.
 - ANSI Function - 04
- **ESC2230 - Passage**
 - Trim always operable and free
 - ANSI Function - 62
- **ESC2240 - Dummy**
 - Dummy trim. One sided.
 - ANSI Function - 10





2200NL

- For Rim Devices Only Outside by pull and key.
- Key retracts latchbolt.
- ANSI function - 03
- Covers 161 cutout.



2200DTP

- Outside by pull only.
- Pull when dogged.
- ANSI Function - 02



2200EOP

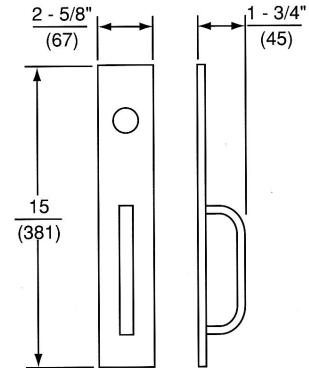
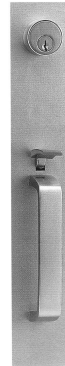
- Outside by plate only.
- ANSI function - 10
- Covers 161 cutout.



8000KNOB

- Key retracts latchbolt, unlocks knob.
- ANSI Function - 08

- **THP00 or ICTHP00 - Entrance**
 - Key locks or unlocks thumbpiece.
 - ANSI Function - 63
- **THP05 or ICTHP05 - Storeroom**
 - Key retracts latchbolt, otherwise always locked.
 - ANSI Function - 04
- **THP30 - Passage**
 - Trim always operable and free
 - ANSI Function - 62
- **THP40 - Dummy**
 - Dummy trim. One sided.
 - ANSI Function - 10



Finishes

Powder coated aluminum (alum), dark bronze duranodic (duro), gold.

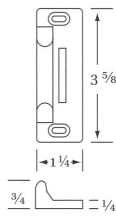
Door Thickness

Standard 1 3/4". Prefix THI before part number for 2 1/4 thick doors.

Keyway

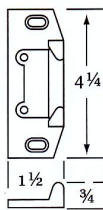
Standard 6-pin "C" keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale GA, Yale 8, Kwikset. Can also accept Medeco, Assa and Kaba high security cylinders.

For use with 2200 Rim Type Exit Device

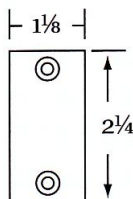


239
For 2200 surface applied. Standard Packaging.

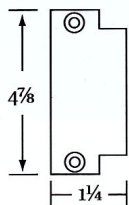
For use with F2200 Rim Fire Exit Device



245
For F2200 surface applied. Standard Packaging.
Additional Strikes

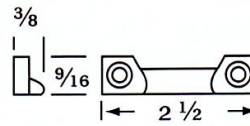


LFF
Lock Front Filler.

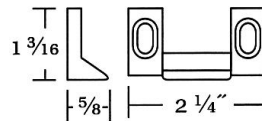


SF
Strike Filler

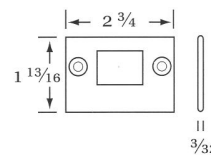
For use with 2260 Vertical Rod Exit Device



221
Standard for 2260. Applied to surface of floor or to a flat threshold.

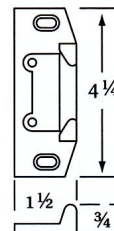


227
Applied to surface of stop. No mortise required.

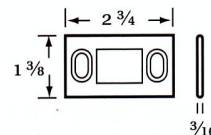


233
Bottom strike. Alternate bottom strike. Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor.

For use with F2260 Vertical Rod Fire Rated Exit Device



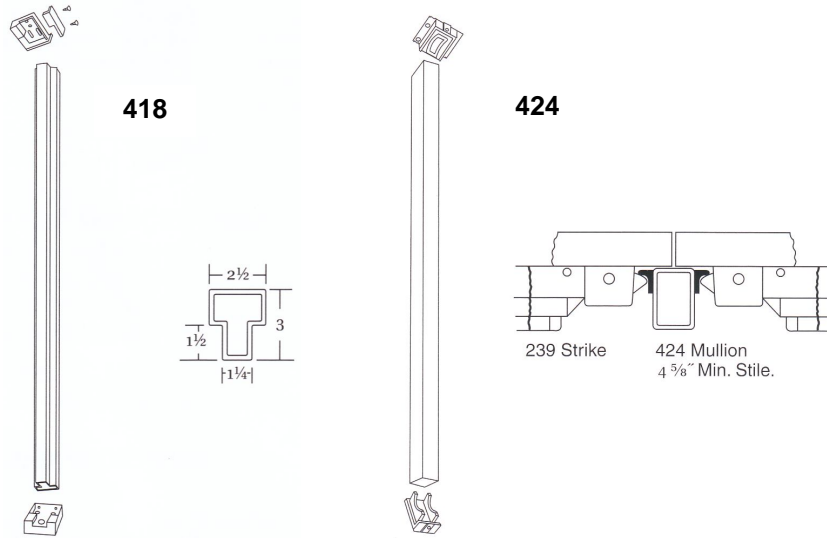
245
Surface applied for F2260.



233
Bottom strike for F2260. Flush mounting stainless steel. Furnished with expansion shields. Required mortise in the floor.

Mullions

Lockable and electric lockable mullions are available on request.



418 - Removable mullion Aluminum painted (Prime coat) includes top and bottom retainer supplied as a stock 96" for non fire rated applications.

424 - Fire exit mullion. 2" x 3" steel tubing round corner, iron construction with iron top and bottom retainers. To be used with two rim type devices on two independent active doors with full double door openings.

Additional Rods

Vertical rod for 10 feet high doors available on non fire rated vertical rod devices only. Use part # VRRD-10.

Glass Bead Shim Kits

401 - For rim type, 1/8" thick

406 - For vertical type, 1/8" thick

412 - For fire rated vertical type, 1/8" thick

When exit devices are used with shim kits with outside trim, spindle length thumbpiece and thru bolt length must be increased accordingly.

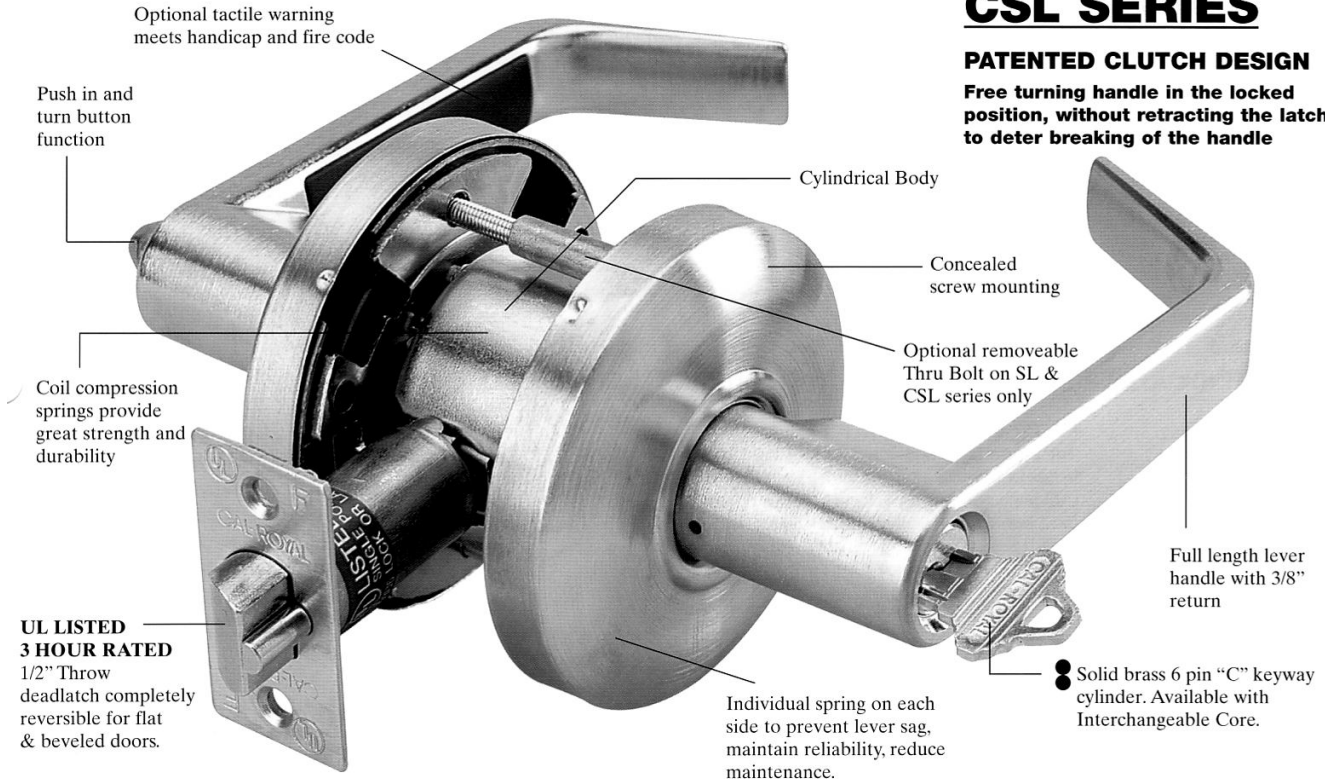
Cylinder Dogging Kits

Prefix "CD" before part#. Available for all 2200 Series devices except fire exit hardware. Cylinder dogging with a mortise cylinder is located on the mounting insert locks bolt in retracted position. 27" minimum door width is required.

CSL SERIES

PATENTED CLUTCH DESIGN

Free turning handle in the locked position, without retracting the latch, to deter breaking of the handle



Specifications:

- **Applications** - For offices, schools, hospitals, apartments, hotel/motel and other public buildings.
- **Door Range** - 1-3/8" to 1-3/4" thickness doors.
- **Backset** - 2-3/4" Standard, 2-3/8", 3-3/4" and 5" optional.
- **Front** - 2-1/4" x 1 1/8", adjustable for flat or beveled doors 1/8" in 2".
- **Strike** - ASA strike standard, "T" and full lip strike available on request.
- **Latchbolt** - 1/2" Throw solid brass, reversible for RH or LH applications. UL listed.
- **Latch and Stick Screws** - 8-32 X 1" FPH dual purpose.
- **ANSI Standards** - Meets or exceeds requirements of BHMA/ANSI A 156.2 Series 4000, grade 2(FF-H 106C), 400,000 cycles.
- **Exposed Trim** - Wrought brass, bronze or stainless steel, levers are Zinc casting, plated to match trim finish.
- **Keying** - 6-pin "C" keyway cylinder, 2 keys per lock. Keying as per individual job requirement.
- **Cylinders & Keyways** - 6 pin solid brass "C" keyway standard. Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale 8, Yale GA (Optional).
- **Clutch** - Clutch available on all keyed locks and privacy functions. Prefix "C" before part number.
- **Interchangeable Core** - Interchangeable core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW. Prefix "IC" before part number. Available combined or uncombined. Temporary construction cores available. Factory keying with control key and masterkey available.
- **Tactile & Lead Lining** - Available upon request.
- **Packaging Includes:**
 - UL listed 2 3/4", 2 1/4" x 1 1/8" faceplate
 - Standard "C", 6 pin cylinder
 - ASA Strike

Finishes Available:

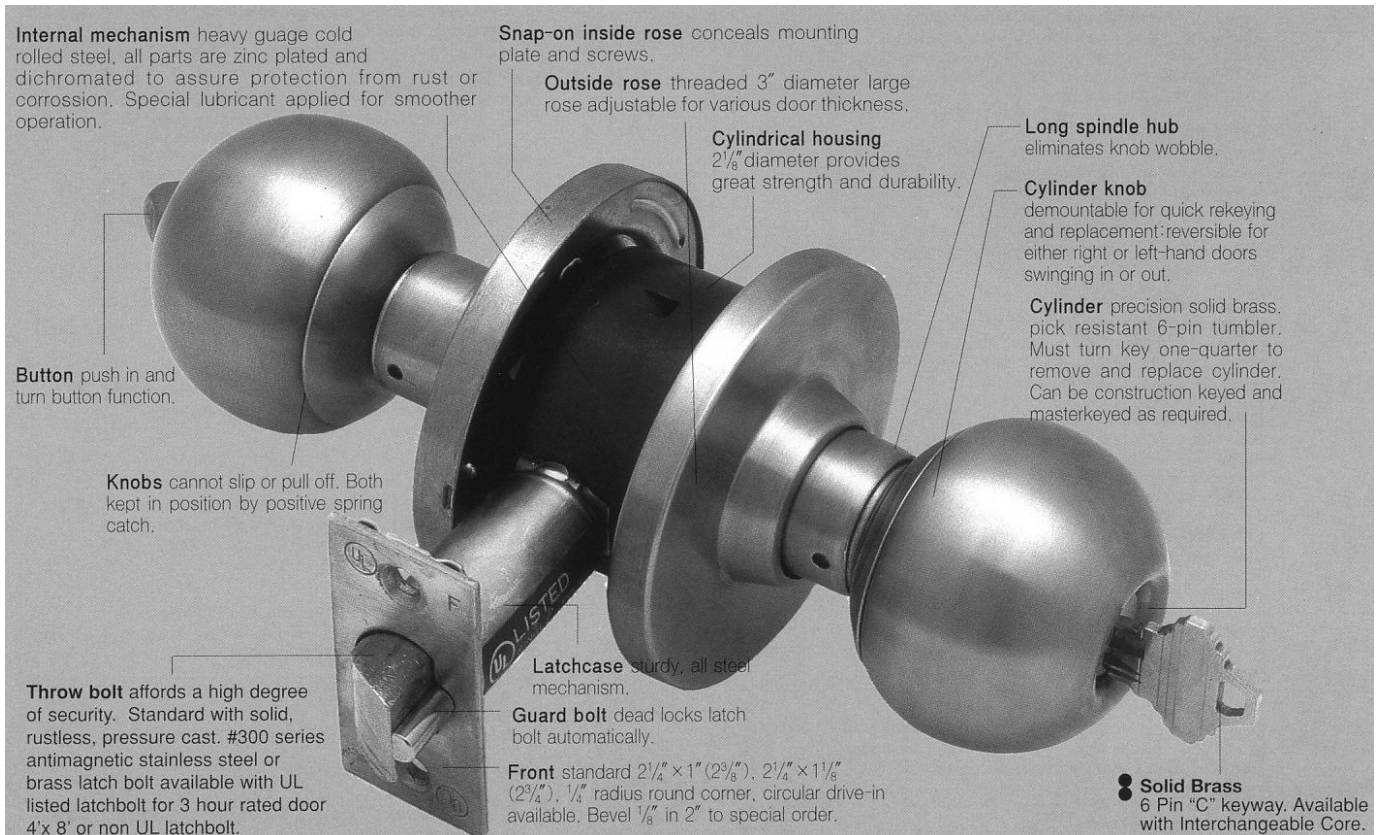
BHMA Symbol	Symbol	Description
605	US3	Polished Brass
612	US10	satin bronze
613	US10B	Oil Rubbed Bronze
625	US26	Bright Chrome
626	US26D	Satin Chrome
606	US4	Satin Brass

Dimensions:

The lever features a 3/8" return and projection of 2-1/2" from the face of door.

Functions:




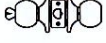





SL-00*	<p>Entrance / Office Lock Turn/Push button locking. Pushing and turning button locks outside knob requiring use of key until button is manually unlocked. Pushing button locks outside knob until unlocked with key or inside knob is turned. Prefix "C" for clutch system.</p>
SL-03*	<p>Classroom Lock Dead locking latch bolt operated by lever from either side except when outside lever is locked from outside by key. When outside lever is locked, latch bolt is operated by turning inside lever. Prefix "C" for clutch system.</p>
SL-05*	<p>Storeroom Lock Outside lever fixed. Entrance by key only. Inside lever always unlocked. Prefix "C" for clutch system.</p>
* Indicates available with interchangeable core	
SL-20	<p>Privacy Lock Latch bolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside. Turning inside lever or closing door release push button. Prefix "C" for clutch system.</p>
SL-30	<p>Passage Set Latch bolt operated by lever from either side at all times.</p>
SL-40	<p>Dummy Lever Single dummy trim for one side of door. Pull only.</p>
SL-50	<p>Exit Lock Blank plate outside. Inside lever always unlocked.</p>



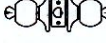

Specifications:

- **Exposed Trim** - Wrought brass, bronze or stainless steel.
- **Door Ranges** - Adjustable for 1-3/8" to 1-3/4" door thickness.
- **Backset** - Standard 2-3/4", 2-3/8", 3 3/4" or 5" extension available.
- **Strike** - ANSI strike (standard) 4 7/8" x 1 1/4". Optional "T" or full lip strike available.
- **Finishes** - US32D, US10B, US3, US10. Other finishes not shown available subject to quantity and lead time.
- **Keying** - 6-pin "C" keyway cylinder, 2 keys per lock.
- **Additional Keyways** - Schlage E, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale 8, Yale GA. Can also accept Medeco, Assa, and Kaba High Security Cylinders.
- **Bore Diameter** - 1" for latch. 2 1/8" for lock housing.
- **Packaging Includes:**
 - UL Listed 2 3/4" backset, 2 1/4" x 1 1/8" faceplate
 - Standard "C", 6 pin cylinder
 - ASA Strike
- Meets or exceeds requirements of BHMA/ANSI A156.2 series 4000 for grade 2 (FF-H-106C)







KEYED LOCKS

CODE NO.	DESCRIPTIONS	ANSI
 BA-01	ENTRANCE LOCK PUSH BUTTON Pushing button in inside knob locks outside knob. Turning inside knob or operating key in outside knob releases button automatically. Closing door does not release button. Button may be fixed in locked position by turning to horizontal position. Inside knob always free. Latch bolt automatically deadlocks when door is closed.	F82-2
 BA-00	ENTRANCE LOCK TURN BUTTON Pushing turn-button in inside knob locks outside knob. Turning inside knob or operating key in outside knob or operating key in outside knob releases button automatically. Closing door does not release button. Button may be fixed in locked position by turning to horizontal position. Inside knob always free. Latchbolt automatically deadlocks when door is closed.	F82-2
 BA-02	STORE LOCK Dead locking latch bolt operated by knob from either side except when outside knob is locked from outside by key. When outside knob is locked, latch bolt is operated by key in outside knob or by rotating inside knob.	F91-2
 BA-03	CLASSROOM LOCK Dead locking latch bolt operated by knob from either side except when outside knob is locked from outside by key. When outside knob is locked, latch bolt is operated by key in outside knob or by rotating inside knob.	F84-2
 BA-04	COMMUNICATING LOCK Dead locking latch bolt operated by knob from either side. Turning key in either knob locks or by rotation inside knob. Outside knob is always fixed.	F80-2
 BA-05	STOREROOM LOCK Dead locking latch bolt operated by key in outside knob or by rotating inside knob. Outside knob is always fixed.	F86-2
 BA-06	VESTIBULE LOCK Dead locking latch bolt operated by knob from either side except when outside knob is locked by key from inside, latch bolt may be retracted by key in outside knob or by rotating inside knob.	F88-2
 BA-07	SERVICE STATION LOCK Dead locking latch bolt operated by knob from either side except when outside knob is locked by push button inside. Key outside, rotating inside knob or closing door releases push button unlocking outside knob except when slotted push button is in a locked position. Inside knob always operates.	F92-2
 BA-08	CORRIDOR LOCK Dead locking latch bolt operated by knob from either side except when outside knob is locked by key in outside knob or by push button in inside. Key in outside knob locks or unlocks outside knob. Rotation inside knob releases push button. Closing door releases push button. Inside knob always operates.	F90-2


KEYED LOCKS

CODE NO.	DESCRIPTIONS	ANSI
 BA-09	INSTITUTION LOCK Dead locking latch bolt operated by key in knob from either side. Both knob always fixed.	F87-2
 BA-H1	HOTEL-MOTEL LOCK Dead locking latch bolt operated by knob from inside at all times. Outside knob always fixed. Latch bolt operated by key from outside except when push button inside is operated thus shutting out all keys except emergency key. Inside push button provides lockout feature by keeping indicator thrown. Turning inside knob or closing door releases indicator and shut out feature.	F93-1

KEYLESS LOCKS

CODE NO.	DESCRIPTIONS	ANSI
 BA-10	PATIO LOCK Dead locking latch bolt operated by knob from either side. Outside knob is locked by push button inside and unlocked by rotating inside knob or closing door.	F77-2
 BA-20	PRIVACY LOCK Latch bolt operated by knob from either side. Outside knob is locked by push button inside and unlocked by emergency release outside, rotating inside knob or closing door.	F76-2
 BA-20H	HOSPITAL PRIVACY LOCK Latch bolt operated by knob from either side. Outside knob is locked by push button inside and unlocked by turn-button outside, rotating inside knob or closing door.	
 BA-30	PASSAGE LATCH Latch bolt operated by knob from either side at all times.	F75-2
 BA-60	EXIT LOCK Dead locking latch bolt operated from inside only. Outer knob always fixed.	F89-2
 BA-50	EXIT LOCK Dead locking latch bolt operated from inside only. Blank plate outside. Specify door thickness: 1 $\frac{3}{8}$ " or 1 $\frac{3}{4}$ ".	

DUMMY TRIM

 BA-40	SINGLE DUMMY TRIM Single dummy trim for one side of door. Pull only.	
---	--	--

GSDC
Gulf States Door Control



Quality

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Russwin** 



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GSDC
25
years

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DC3000/3210 Series

The mid-priced, cost-effective choice for high-traffic situations. The DC3000 Series Door Closers fulfill security and life-safety requirements by ensuring reliable latching for access control and fire code compliance, along with ease of operation and precise adjustability for barrier-free code compliance. Ideal for virtually all door openings and draft conditions in both new construction and renovations.

**ED4000 Series - Narrow Stile - Touchbar**

Designed for applications on narrow stile full glass, aluminum and metal doors in high-use and high-abuse situations, ED4000 Series devices can be teamed with a variety of Corbin Ruswin trims to provide desired functions, styles and finishes in new construction and renovations.

**ED5000 Series - Wide Stile - Touchbar**

Corbin Ruswin's history is rich with architectural hardware designed to meet life safety and security requirements. That tradition continues with ED5000 Series exit devices. Designed to allow safe and easy egress, the ED5000 is ideal for frequent use applications such as schools, factories, hotels, theaters, office and retail complexes and government buildings.

**ED6000 Series - Wide Stile - Crossbar**

Since patenting some of the first exit devices nearly a century ago, Corbin Ruswin has met rigorous life safety and security requirements, while offering pleasing aesthetics and trouble-free operation. Designed for applications in high-use, high-abuse situations, ED6000 Crossbar Exit Devices can be teamed with a variety of Corbin Ruswin trims to provide desired functions, styles and finishes in new construction.

**ED7000 Series - Narrow Stile - Crossbar**

ED7000 Series Crossbar Exit Devices are designed for high-use, high-abuse applications on narrow and regular stile doors in new construction.

**ED8000 Series - Touchbar**

Heavy-duty steel construction and Grade 1 performance, priced for outstanding value. Meets rigorous life safety and security requirements, while offering pleasing aesthetics and trouble-free operation. Designed for high-use, high-abuse situations, ED8000 Pushpad Exit Devices can be teamed with a variety of Corbin Ruswin trims to provide desired functions, styles and finishes in new construction and renovations.



Where Trust is Built™

DETEX®

Life Safety and Security Door Hardware

VALUE SERIES®

Alarmed Rim Exit Device



The **V40xEB/EH** device option is designed for primary and secondary exits that require an alarmed panic device. The 100 decibel alarm will sound when someone attempts to exit, alerting management to the unauthorized exit. Available in various configurations, the V40xEB/EH provides security while meeting all life safety concerns, offering an exceptional value.

Exit Alarm with 9V Battery Option (EB)

Available with Detex V40 Series exit devices. Includes 100 decibel, 9-volt battery alarm, LED display and latch bolt security monitoring.

Alarmed Rim Exit Device - Hardwired (EH)

Available with Detex V40 Series exit devices. Includes 100 decibel, 12VAC powered alarm with 9-Volt battery backup. LED display and latch bolt security monitoring.

Features

- Stainless steel self-latching bolt
- Angled end cap to deflect damage
- Plated steel, anodized aluminum and ABS components endure heavy use and exposure to the elements
- Built-in inhibitors prevent ABS fading and weakening, typically caused by exposure to extreme temperatures and UV rays
- Cylinder dogging standard (can also be ordered less dogging)
- Tamper-resistant housing protects electronics, battery and internal hardware, preventing manipulation
- Tapered design sheds rainwater
- Bright signage deters theft and reduces false alarms and resists fading

Electronic Features

- State of the art electronics for reliable security & instantaneous alarm
- Tamper-resistant security switching electronically monitors latch bolt
- Approximately 100 Decibel alarm
- Adjustable 2 min. re-arming feature for auto re-arm
- Armed/Disarmed status indicator is field selectable
- Powered by standard, 9-volt battery
- Visual and audible low-battery alert
- Delayed arming feature for arming after door closed

Benefits

- Priced to be the best value for durable and attractive loss prevention hardware
- Provides reliable loss prevention protection 24 hours a day
- Rugged, durable design reduces maintenance
- Aesthetically pleasing design for almost any door in any décor
- Accommodates 5, 6 and 7 pin standard and interchangeable core mortise cylinders with a standard cam. Call factory for other non-standard mortise cylinder applications. Visual and audible arming indicators
- Controls foot traffic, deters unauthorized exits, prevents loss and meets building code requirements for panic & exit hardware
- Reduces employee and customer theft

Physical Characteristics

- Exterior of anodized aluminum and damage and corrosion resistant ABS for years of heavy use
- Stainless-steel, dead-latching bolt with a 3/4" throw
- Dimensions: Two sizes - * 36" fits 34" to 36" doors; *48" fits 40" to 48" doors (*Optional mounting configurations available for other door widths - Consult Factory)
- Length - 33"
- Height of cover - 8-1/2"
- Profile from face of door - Undogged 3-1/4", dogged 2-3/8" Fits 2" narrow stile doors with Narrow Stile Door Kit (sold separately)

Standard Configuration:

- **01:** Exit only, no trim or blank escutcheon
- **HD:** Hex dogging
- **99:** 99 Surface strike
- **36:** 36" door width

Mechanical Options

- **H:** Hurricane Rated
- **F:** Fire Rated
- **CD:** Cylinder dogging
- **LD:** Less dogging
- **98:** 98 Semi-Mortise strike
- **48:** 48" door width

Electric Options

- **EB:** Exit Alarm with Battery (9-V/DC)
- **EBxW:** Weatherized Exit Alarm
- **ED:** Electric Dogging
- **EE:** Electric Delayed Egress
- **EH:** Exit Alarm (Hardwired)
- **EHxR:** Exit Alarm with Remote Signaling
- **EI:** Exit Alarm with Electric Integration
- **EM:** Delayed Egress Exit Alarm with Mag Lock
- **ER:** Electric Latch Retraction
- **ES:** Electric Switching
- **EX:** Request to Exit
- **EXxW:** Weatherized Request to Exit

Outside Trims

ANSI Function

- **02** Dummy Trim - No Cylinder
- **03** Entrance by trim when latchbolt is retracted by key. Key removeable only when locked.
- **08** Entrance by lever. Key locks or unlocks lever.
- **09** Lever trim active by key. Locked when key removed
- **14** Entrance by lever. Lever operable at all times.

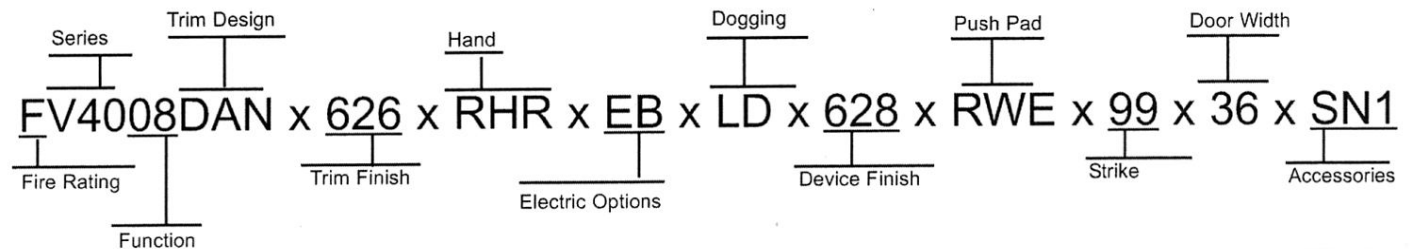
Accessories

- **GB2:** Glass Bead Kit
- **SSK3:** Security Torx Screw Kit
- **SN1:** Sex Nut Kit
- **NSK1:** Narrow Stile Door Kit - Fits 2" stile doors

Finishes

- **628:** Aluminum rail with black push pad, cover, and end cap
- **711:** Black rail, push pad, cover and end cap

Order Example



25 YEARS

Gulf States
DOOR CONTROL
SINCE 1983

June 18, 1983

Aboard the Space Shuttle Challenger, Sally Ride became the first American woman and youngest American to reach outer space.



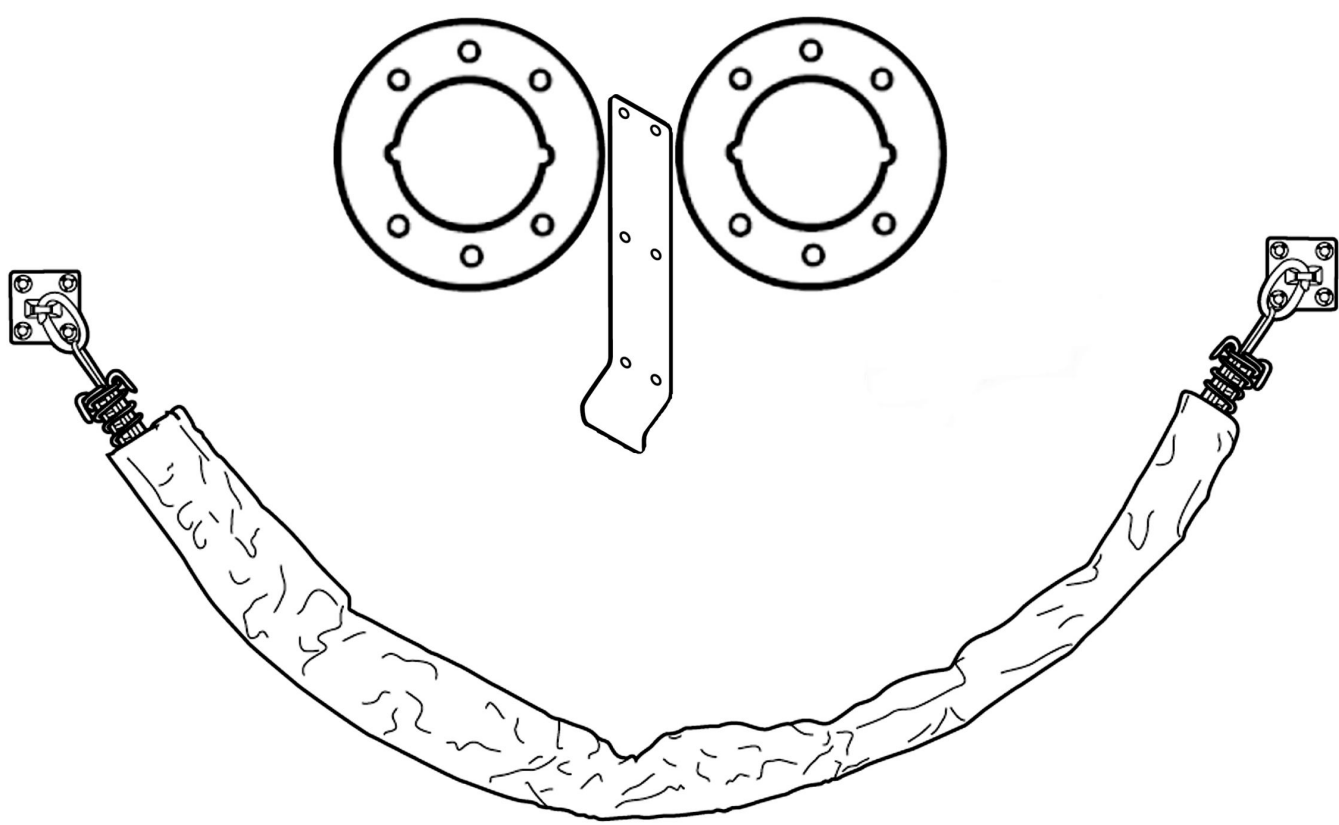
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DON-JO MFG., INC.

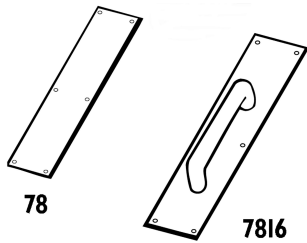
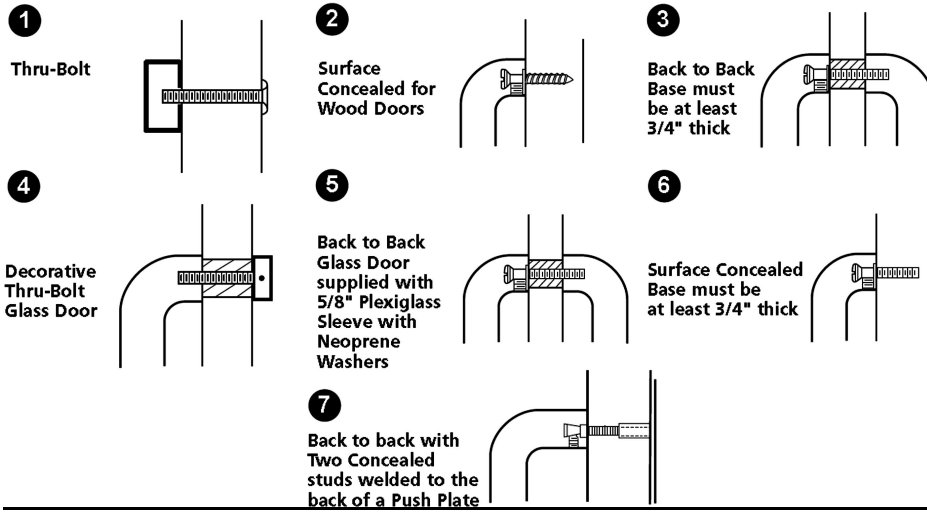


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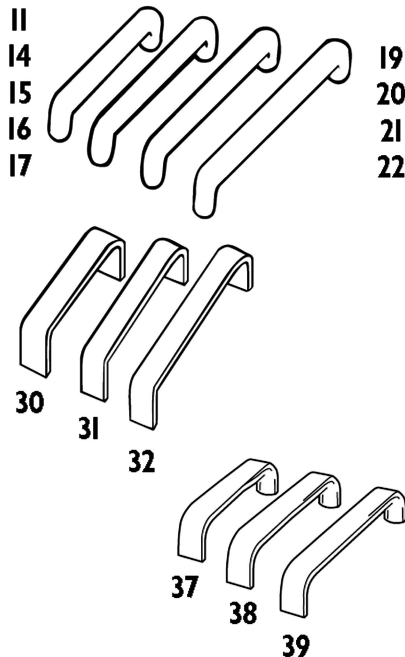
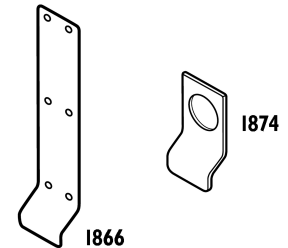
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Mounting Types



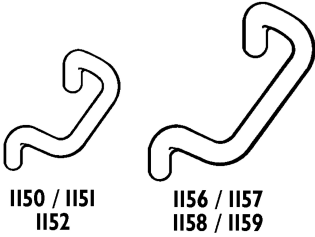
NUMBER	THICKNESS	DIMENSIONS	ANSI
78	.125	4" x 16"	J304
7816	.125	4" x 16"	J407

NUMBER	HOLE	DIMENSIONS	ANSI
1866	-	3 1/2" x 15 3/4"	J303
1874	1 1/4"	2" x 3 3/4"	J303

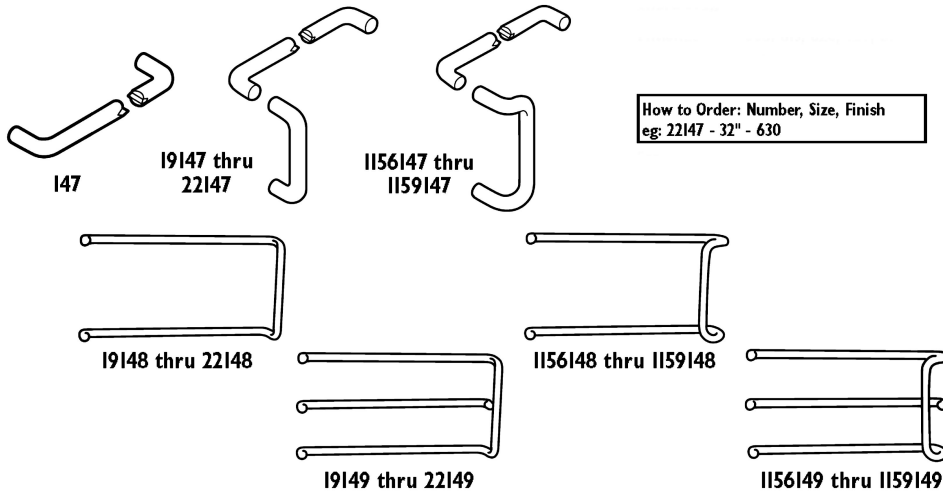


NUMBER	CTC	DIAMETER	ANSI	DIMENSIONS
11	5 1/2"	5/8"	J401	6 1/8" x 2" x 1 3/8"
14	5 1/2"	3/4"	J401	6 1/4" x 2 1/4" x 1 1/2"
15	6"	3/4"	J401	6 3/4" x 2 1/4" x 1 1/2"
16	8"	3/4"	J401	8 3/4" x 2 1/4" x 1 1/2"
17	10"	3/4"	J401	10 3/4" x 2 1/4" x 1 1/2"
19	8"	1"	J401	9" x 3" x 2"
20	10"	1"	J401	11" x 3" x 2"
21	12"	1"	J401	13" x 3" x 2"
22	18"	1"	J401	19" x 3" x 2"
30	6"	3/8" x 1 1/4"	J401	6 3/8" x 2" x 1 5/8"
31	8"	3/8" x 1 1/4"	J401	8 3/4" x 2" x 1 5/8"
32	10"	3/8" x 1 1/4"	J401	10 3/8" x 2" x 1 5/8"
37	6"	1" Half Round	J401	6 1/2" x 2" x 1 1/2"
38	8"	1" Half Round	J401	8 1/2" x 2" x 1 1/2"
39	10"	1" Half Round	J401	10 1/2" x 2" x 1 1/2"





NUMBER	CTC	DIAMETER	ANSI	DIMENSIONS
1150	8"	3/4"	J402	8 3/4" x 2 3/4" x 2"
1151	10"	3/4"	J402	10 3/4" x 2 3/4" x 2"
1152	12"	3/4"	J402	12 3/4" x 2 3/4" x 2"
1156	8"	1"	J402	9" x 3" x 2"
1157	10"	1"	J402	11" x 3" x 2"
1158	12"	1"	J402	13" x 3" x 2"
1159	18"	1"	J402	19" x 3" x 2"

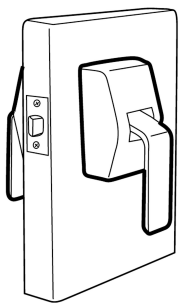


How to Order: Number, Size, Finish
eg: 22147 - 32" - 630

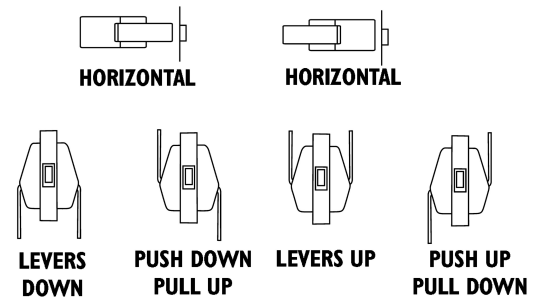
PULL **PUSH**

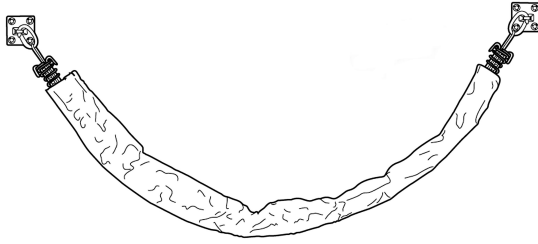
NUMBER	CTC	PROJECTION	CLEARANCE	CTC	PROJECTION	CLEARANCE	ANSI
147	Specify	2 1/2"	1 1/2"	-	Specify	1 1/2"	J501
19147	8"	3"	2"	Specify	2 1/2"	1 1/2"	J504
20147	10"	3"	2"	Specify	2 1/2"	1 1/2"	J504
21147	12"	3"	2"	Specify	2 1/2"	1 1/2"	J504
22147	18"	3"	2"	Specify	2 1/2"	1 1/2"	J504
1156147	8"	3"	2"	Specify	2 1/2"	1 1/2"	J504
1157147	10"	3"	2"	Specify	2 1/2"	1 1/2"	J504
1158147	12"	3"	2"	Specify	2 1/2"	1 1/2"	J504
1159147	18"	3"	2"	Specify	2 1/2"	1 1/2"	J504

HOSPITAL LATCH



NUMBER	BACK SET	DOOR
4500	2 3/4"	1 3/4" to 2 1/4"
4550	5"	1 3/4" to 2 1/4"

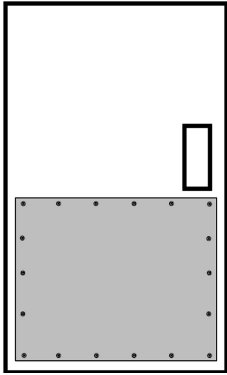




NUMBER	SIZE	ANSI
HDCC-2012	20 ¹ / ₂ "	LB223 I
HDCC-2512	25 ¹ / ₂ "	LB223 I
HDCC-3012	30 ¹ / ₂ "	LB223 I

COMMERCIAL KICK PLATES

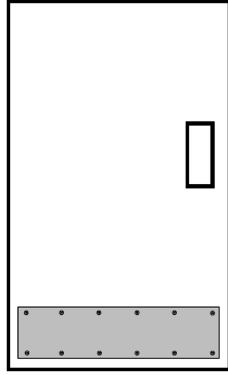
ARMOR PLATE



Used on doors subject to marring or damage from carts, trucks, etc.

J101 Metal
J105 Plastic

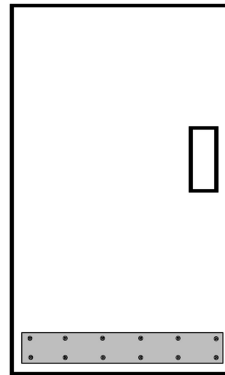
KICK PLATE



Used on doors subject to marring or damage from foot traffic.

J102 Metal
J106 Plastic

MOP PLATE



Used on doors subject to marring or damage during cleaning operations.

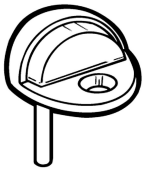
J103 Metal
J107 Plastic

NUMBER	MATERIAL
90	.050 Metal
91	.038 Metal
92	.125 Plastic
93	.125 Clear Plastic

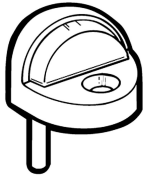
How to Order: Height x Length x Finish
e.g.: 8" X 34" - 630

- Individually packaged with screws
- Full threaded to the head stainless steel sheet metal screws with plated finish
- Beveled 3 or 4 sides optional
- Commercial grade thickness
- Other thicknesses available on special order
- Furnished with grain or satin finish running horizontally to door
- Finishes: 605, 606, 609, 612, 613, 619, 620, 626, 628, 629, 630, Brass Tone (BT), Dark Anodized Aluminum (DB), Kydex, and Endurance.™
- Plastic colors include: Black, Brown, Gray, Beige, White, Clear





I440
Low Style
1/4" h x 1 5/8"
diam. base



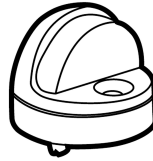
I442
High Style
1/2" h x 1 5/8"
diam. base

NUMBER	FASTENER	ANSI
I440	W/S & MS & Exp Shield	L12141
I442	& Plastic Anchor	L12161
I446	Riser	-

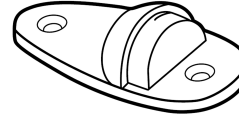


I446
1/2"

NUMBER	FASTENER
I445	W/S & MS & Exp Shield & Plastic Anchor

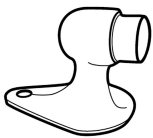


I445



I444
13/8" High x 1/2"
Base thickness

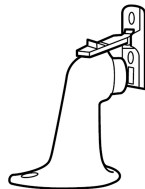
DOOR STOPS



I450
2 1/8" projection
2 5/8" x 1 5/8" base

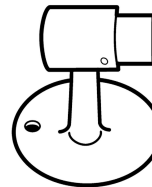


I452
2 3/4" projection
2 1/4" x 1 1/4" base

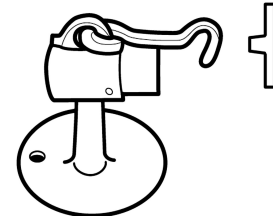


I453
2 3/4" projection
2 1/4" x 1 1/4" base

NUMBER	FASTENER	ANSI
I450	W/S & Exp. Shield	L12131
I452	W/S & Exp. Shield	L12131
I453	W/S & Exp. Shield	L13171



I471
2 1/4" base
3" projection



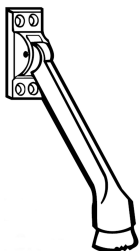
I473
2 1/4" base
3" projection

NUMBER	FASTENER	ANSI
I471	WS, MS, Exp. Shield	L12131
I473	& Plastic Anchor	L11371

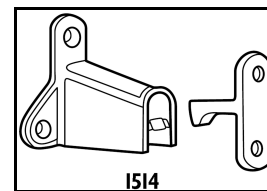
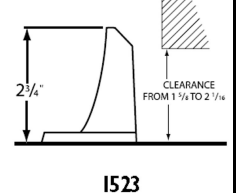
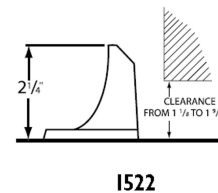
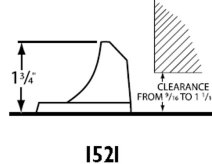
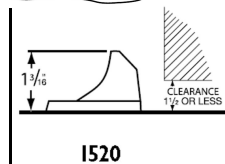
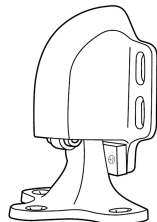
DOOR HOLDERS



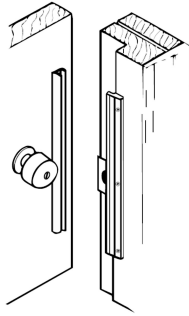
I465
Solid Brass
4" projection



I467
Solid Brass
5" projection



I514
PROJECTION
3-1/2"
DIMENSIONS
2" x 2-1/4"



NUMBER	DIMENSIONS
ILP-206	6"
ILP-212	12"

FINISHES: BP (Brass Plated), DU (Duro Coated), SL (Silver Coated) 14 (.075) Gauge Steel

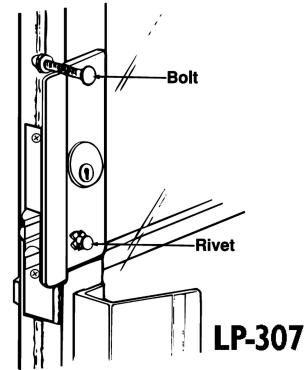
ILP-206
ILP-212

- 6" version for use with key-in-knob and deadbolt locks
- 12" version for use with Mortise Locks, Simplex 1000 series, Alarm Lock DL-2500, DL-2700 & 3000, Card Access Systems, etc.

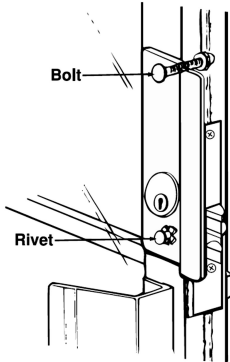
NUMBER	DIMENSIONS
LP-307	2 5/8" x 7" x 1/8"

FINISHES: 630, DU (Duro Coated), SL (Silver Coated) 12 (.104) Gauge Steel

- Reversible • Fits over cylinder - lock removal NOT required
- Hand carriage bolt and rivet supplied • No specific tools required
- 3/8" offset



LP-307



NUMBER	DIMENSIONS
GLP-307 LHR	2 5/8" x 7" x 1/8"
GLP-307 RHR	2 5/8" x 7" x 1/8"

FINISHES: 630, DU (Duro Coated), SL (Silver Coated) 12 (.104) Gauge Steel

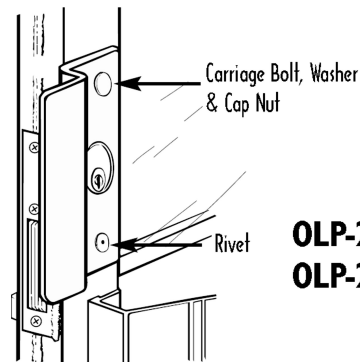
GLP-307
LHR SHOWN

- Fits over cylinder - lock removal NOT required
- Hand carriage bolt and rivet supplied • No specific tools required
- 3/8" offset
- Center of cylinder hole is 2 1/2" from end of plate

NUMBER	DIMENSIONS
OLP-2650	2 5/8" x 6 1/2" x 1 1/8"
OLP-2651	2 5/8" x 6 1/2" x 1 3/8"

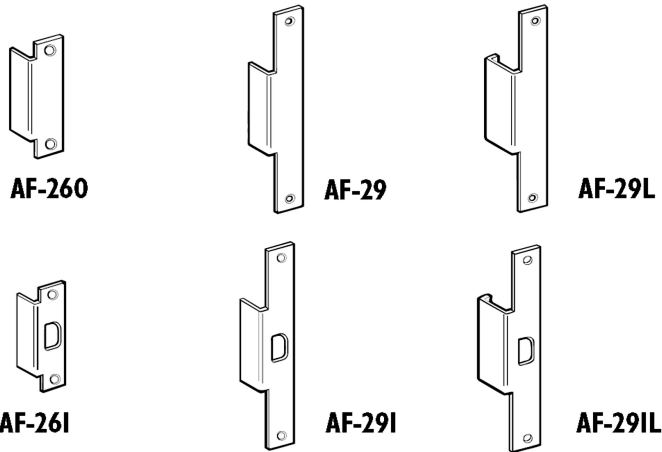
FINISHES: DU (Duro Coated), SL (Silver Coated) 12 (.104) Gauge Steel

- Available in 1 1/8" and 1 3/8" offset



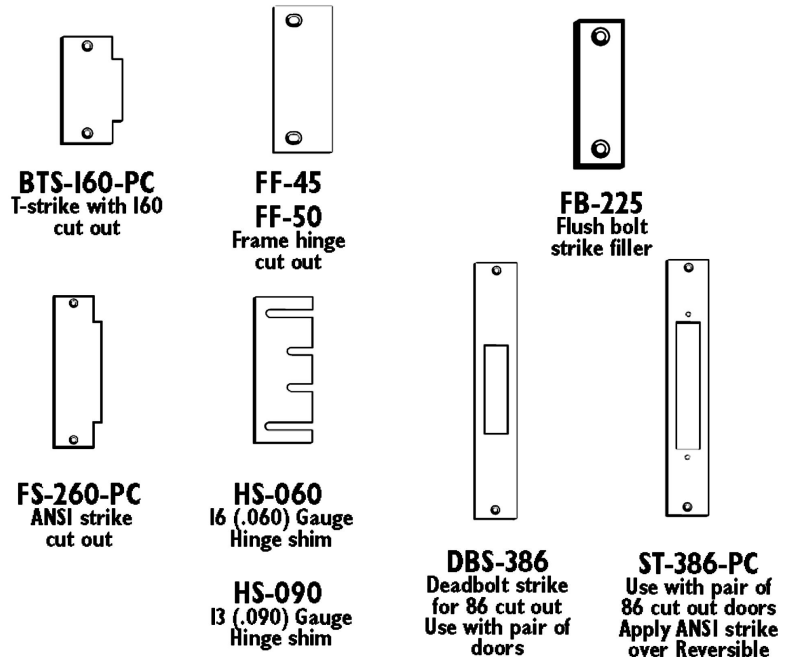
OLP-2650
OLP-2651



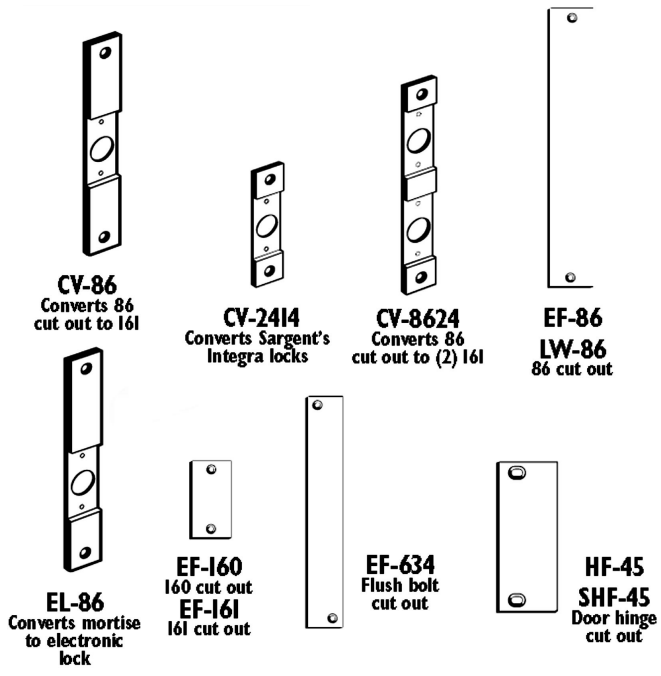


NUMBER	DIMENSIONS
AF-29	9" x 1 ³ / ₈ "
AF-29L	9" x 1 ³ / ₈ "
AF-260	4 ⁷ / ₈ " x 1 ¹ / ₄ "
AF-261	4 ⁷ / ₈ " x 1 ¹ / ₄ "
AF-291	9" x 1 ³ / ₈ "
AF-291L	9" x 1 ³ / ₈ "

NUMBER	DIMENSIONS
BTS-160	2 ³ / ₄ " x 1 ³ / ₈ "
DBS-386	8" x 1 ¹ / ₄ "
FB-225	2 ¹ / ₄ " x 1 ⁵ / ₁₆ "
FF-45	4 ¹ / ₂ " x 1 ⁵ / ₈ "
FF-50	5" x 1 ⁵ / ₈ "
FS-260	4 ⁷ / ₈ " x 1 ¹ / ₄ "
HS-060	4 ¹ / ₂ " Shims
HS-090	4 ¹ / ₂ " Shims
ST-386	8" x 1 ¹ / ₄ "



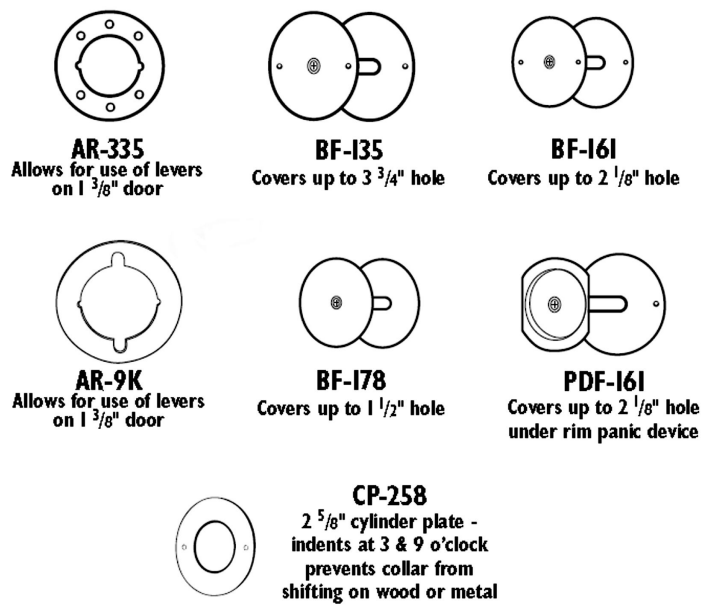
NUMBER	CONTENTS
FBRK-2	Strike/Reinforcement
FPK-86	EF-86/FS-260
FPK-161	BF-161/EF-161 FS-260



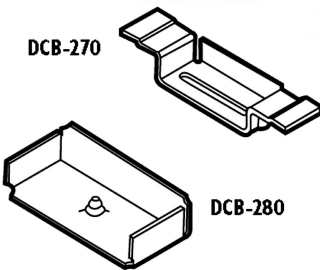
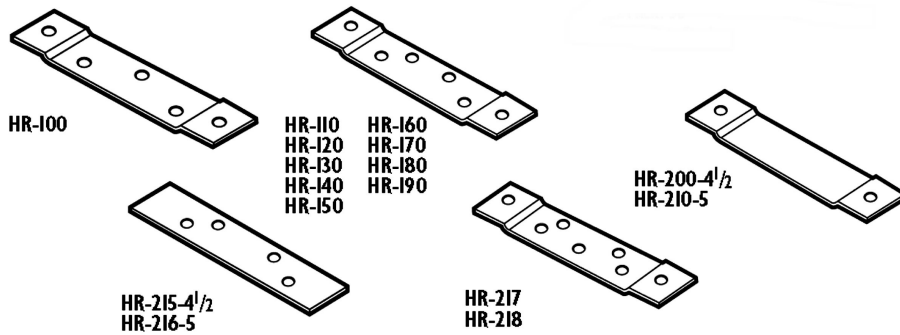
NUMBER	DIMENSIONS
CV-86	8" x 1 1/4"
CV-2414	4 1/4" x 1 1/4"
CV-8624	8" x 1 1/4"
EF-86	8" x 1 1/4" x 3/16"
LW-86	8" x 1 1/4" x 1/4"
EF-160	2 1/4" x 1"
EF-161	2 1/4" x 1 1/8"
EF-161-S	2 3/4" x 1 1/8"
EF-161-TG	2 1/4" x 1 1/8"
EF-634	6 3/4" x 1"
EL-86	8" x 1 1/4"
HF-45	4 1/2" x 1 3/4"
SHF-45	4 1/2" x 1 1/2"

HOLE FILLER PLATES

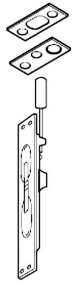
NUMBER	DIMENSIONS
AR-335	3 1/2" Diameter
AR-9K	3 1/2" Diameter
BF-135	3 3/4" Diameter
BF-161	2 5/8" Diameter
VBF-161*	2 3/8" Diameter
BF-178	1 7/8" Diameter
CP-258	2 5/8" Diameter
PDF-161	2 1/8" Hole



NUMBER	DESCRIPTION	USED WITH	SIZE	OFFSET	HINGE WEIGHT	GAUGE
HR-100	3 1/2" Hinge Reinforcement	Door/Frame	1 1/16" x 8 1/2"	1/16"	.120	10
HR-110	4" Hinge Reinforcement	Door/Frame	1 1/4" x 10"	3/32"	.124	7
HR-120	4 1/2" Hinge Reinforcement	Door/Frame	1 1/4" x 10"	3/32"	.134	7
HR-130	4 1/2" Hinge Reinforcement	Frames	1 1/2" x 10"	3/32"	.134	7
HR-140	4 1/2" Hinge Reinforcement	Door/Frame	1 1/4" x 10"	1/8"	.190	7
HR-150	4 1/2" Hinge Reinforcement	Frames	1 1/2" x 10"	1/8"	.190	7
HR-160	5" Hinge Reinforcement	Door/Frame	1 1/4" x 10"	3/32"	.146	7
HR-170	5" Hinge Reinforcement	Frames	1 1/2" x 10"	3/32"	.146	7
HR-180	5" Hinge Reinforcement	Door/Frame	1 1/4" x 10"	1/8"	.190	7
HR-190	5" Hinge Reinforcement	Frames	1 1/2" x 10"	1/8"	.190	7
HR-200-4 1/2	4 1/2" Blank Hinge Reinforcement	Door/Frame	1 1/4" x 10"	3/32"	-	7
HR-210-5	5" Blank Hinge Reinforcement	Door/Frame	1 1/4" x 10"	3/32"	-	7
HR-215-4 1/2	4 1/2" Flat Hinge Reinforcement	Doors	1 1/4" x 10"	-	-	7
HR-216-5	5" Flat Hinge Reinforcement	Doors	1 1/4" x 10"	-	-	7
HR-217	6" Hinge Reinforcement	Door/Frame	1 1/4" x 12"	7/64"	.160	7
HR-218	6" Hinge Reinforcement	Door/Frame	1 1/4" x 12"	9/64"	.203	7

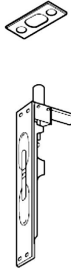


NUMBER	DESCRIPTION	DEPTH	GAUGE
DCB-270	Dust Cover Box/Frame Hinge	3/4"	25
DCB-280	Dust Cover Box/Frame Hinge	5/16"	25



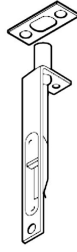
I555

UL rated
For metal doors



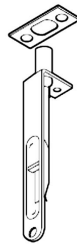
I557

UL rated
For wood doors



I640

1" bolt throw
1/2" bolt diameter
For wood doors

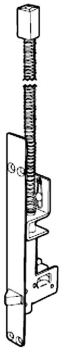


I640R



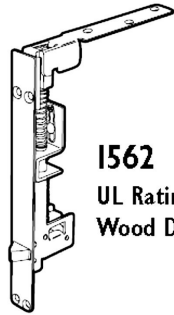
NUMBER	DIMENSIONS	ANSI
I555	6 3/4" x 1"	L14251, L14081
I557	6 3/4" x 1"	-
I640	6" x 3/4"	L04201
I640R	6" x 3/4"	L04201

Automatic Flush Bolts



I560

UL Rating for
Metal Doors



I562

UL Rating for
Wood Doors



NUMBER	DIMENSIONS
I560	6 3/4" x 1"
I562	8 1/2" x 1"

Aluminum Flush Bolts



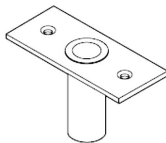
I550



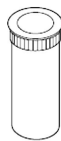
I551

NUMBER	DIMENSIONS	OFFSET
I550	1 5/16" x 4 1/4"	1/8"
I551	Radius Face	1/4"

DUST PROOF STRIKES



I570



I572

NUMBER	DIMENSIONS	ANSI
I570	2 7/8" x 1 3/4"	L24021
I572	1 5/16" Diameter	L24021



1608
For metal frame



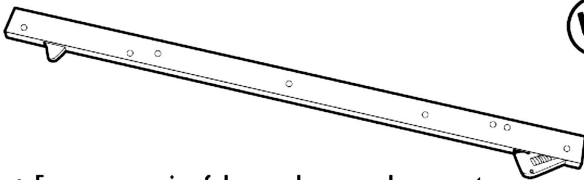
1610
Adhesive mounting



1609
For wood frame

DON-10

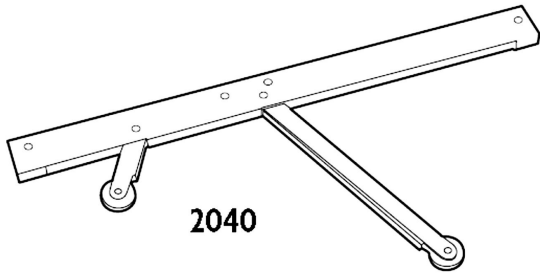
DOOR COORDINATORS



- For use on pair of doors when one door must close before the other
- Safety override allows active door to close first when extreme force applied
- Filler bar available when coordinator does not fill entire length of opening
- Mounting brackets available when stop mounted hardware used



DOOR FRAME OPENING	MODEL NUMBER	INCLUDES COORDINATOR	INCLUDES FILLER BAR
52" or less	2011	2010 (32")	2001 (20")
52 1/16" to 56"	2012	2010 (32")	2002 (32")
56 1/16" to 72"	2021	2020 (52")	2001 (20")
72 1/16" to 84"	2022	2020 (52")	2002 (32")
84 1/16" to 96"	2023	2020 (52")	2003 (44")
96 1/16" to 104"	2033	2030 (60")	2003 (44")
over 104"	Contact Factory		



2040

NUMBER	FINISH
2040	Matte Black



- One size for all pairs of doors up to 8' wide
- Non-handed • Stop mounted
- Meets ANSI 156.3, Type 21 requirements (when used with carry bar)
- Mounting brackets not required when using stop mounted hardware



CHS-1



CHS-2



CHS-3



CHS-4



CHS-5



HS-9070-46



HS-9070-47



HS-9070-48

BLUE SIGNS

NUMBER	DESCRIPTION
CHS-1	Men
CHS-2	Women
CHS-3	Restroom
CHS-4	Boys
CHS-5	Girls
HS-9070-46	Men
HS-9070-47	Women
HS-9070-48	Restroom



HS-9060-01
HS-9070-01



HS-9060-02
HS-9070-02



HS-9060-03
HS-9070-03



HS-9070-07



HS-9060-04
HS-9070-04



HS-9060-05
HS-9070-05



HS-9060-22
HS-9070-22



HS-9070-08



HS-9060-24
HS-9070-24



HS-9060-27
HS-9070-27



HS-9060-32
HS-9070-32



HS-9080-02
HS-9070-06



HS-9060-35
HS-9070-35



HS-9060-36



HS-9060-37

BROWN SIGNS

NUMBER	DESCRIPTION
HS-9060-01	Men's/Handicap
HS-9060-02	Men's Room
HS-9060-03	Restrooms
HS-9060-04	Women's Room
HS-9060-05	Women's/Handicap
HS-9060-22	No Smoking
HS-9060-24	Stairs
HS-9060-27	Telephone
HS-9060-32	Women/Men/Handicap
HS-9060-35	Exit
HS-9060-36	Arrow Diagonal
HS-9060-37	Arrow Across
HS-9080-02	Handicap Accessible

BLUE SIGNS

NUMBER	DESCRIPTION
HS-9070-01	Men's/Handicap
HS-9070-02	Men's room
HS-9070-03	Restrooms
HS-9070-04	Women's Room
HS-9070-05	Women's/Handicap
HS-9070-06	Handicap Accessible
HS-9070-07	Boy's/Handicap
HS-9070-08	Girl's/Handicap
HS-9070-22	No Smoking
HS-9070-24	Stairs
HS-9070-27	Telephone
HS-9070-32	Women/Men/Handicap
HS-9070-35	Exit





The 7200 Series closers offer modern styling for a new era of safe and reliable door control.

The 7200 Series offers a compact design and is available in an assortment of sprayed finishes to complement any openings decor. These features, along with numerous installation options and fixed spring sizes, make this closer an ideal solution in a variety of applications.

Applications:

The 7200 Series is designed to provide a highly flexible door control system suitable for use on hollow metal, aluminum, and wood doors typically used in commercial construction. It is available in fixed spring sizes 3, 4, or 5. Doors may be mounted with either ball bearing hinges or pivots. Special brackets and other adapting hardware are available with the 7200 Series product.

Listings & Approvals:

- ANSI Grade 3.
- UL and ULC.
- UL10C for positive pressure.
- UBC 7.2 1997.
- CSFM.
- M.E.A.

Range of Door Sizes:

- Exterior door widths to 42" (1067 mm).
- Interior door widths to 48" (1219 mm).
- Door heights to 96" (2438 mm).
- Door weights to 150 pounds (68 kg).

Finishes:

- Standard Sprayed Finishes:
- Aluminum: 689.
- Bronze: 691 (Dull), 690 (Statuary), or 695 (Dark Duranodic).
- Gold: 696.
- Black: 693.
- Custom Painted Finishes:

Closer Mounting Options (based on arm selection):

- Regular pull side of the door.
- Top jamb push side of the door.

Arm Functions:

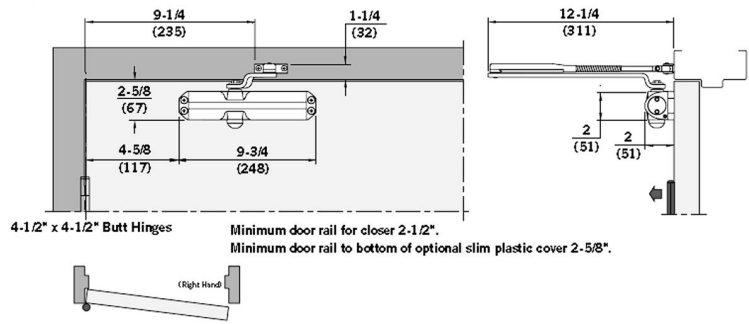
- Regular, Top Jamb or Parallel Arm.
- Friction hold-open.

Closer Functions:

- Adjustable back check intensity.
- Adjustable sweep speed.
- Adjustable latch speed.

Cover Options:

- Optional slim plastic cover.

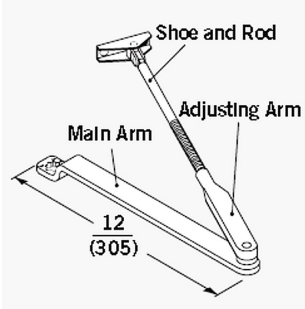


Size Selection Chart

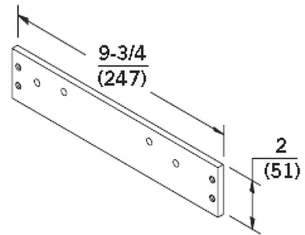
CLOSER	INTERIOR/ EXTERIOR	DOOR WIDTH				APPROX. MAXIMUM OPENING	APPROX. BACKCHECK	APPROX. DELAYED ACTION
		2'-6" max.	3'-0" max.	3'-6" max.	4'-0" max.			
7203-7205	INTERIOR	NA	7203	7204	7205	180°	65°-180°	180°-65°
	EXTERIOR	7203	7204	7205	NA			



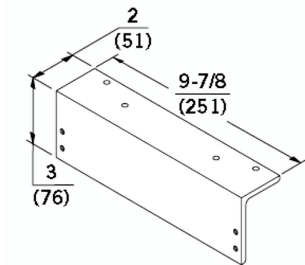
Round Form Arm (8 mm rod)



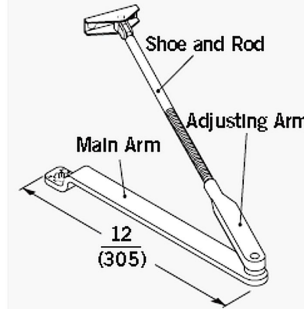
Backplate



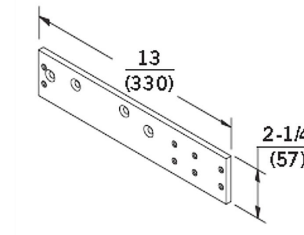
Angle Bracket



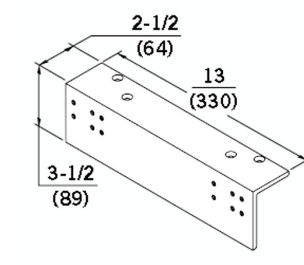
Round Form Arm (10 mm rod)



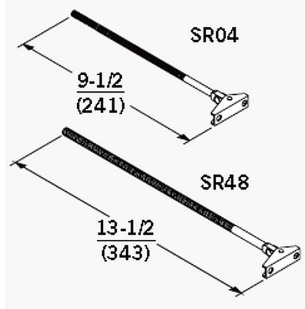
Backplate



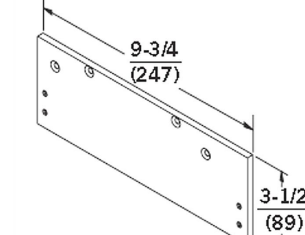
Angle Bracket



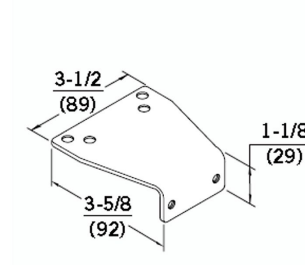
Regular Arm Shoe and Rod



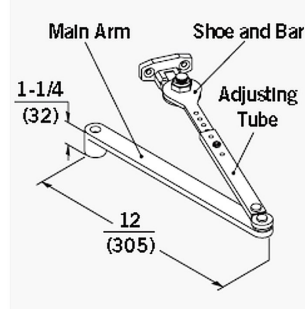
Drop Plate



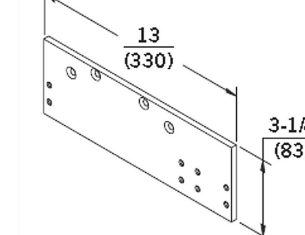
Parallel Arm Bracket



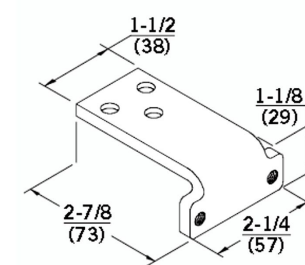
Friction Hold Open Arm



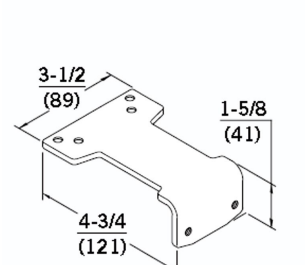
Drop Plate



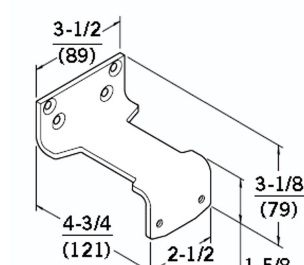
Mortised Jamb Bracket



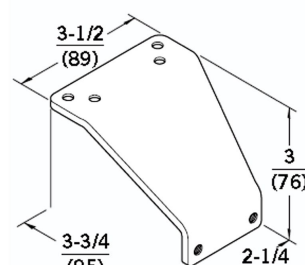
Parallel Hold Open Bracket



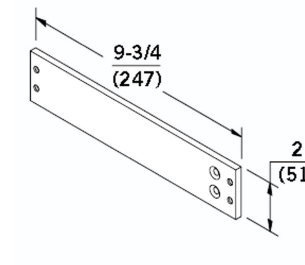
Parallel Flush Transom Bracket



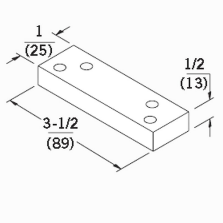
Parallel Drop Bracket



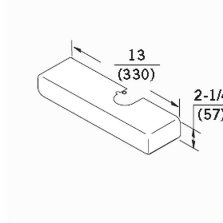
Conversion plate



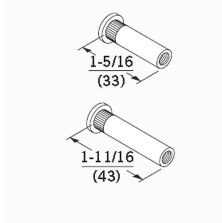
Blade Stop Spacer



Slim Plastic Cover



Sex Nuts



DORMA



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BTS75V

Technical Details:

- Adjustable spring size 1–4.
- Can be installed and adjusted to meet 8.5 lb maximum opening force requirements for exterior doors.
- Compact closer body and cement case 2" deep suited for thin slab concrete construction.
- Closer body is non-handed.
- Accommodates doors weighing up to 260 lb and measuring up to 3'-6" wide interior and 3'-0" exterior.
- Mechanical backcheck at approximately 70°.
- Dual thermostatic control valves combined with special hydraulic fluid provide controlled closing from 175°.
- Optional single point hold open units available for 90° or 105°.
- A secondary regulation system protects closer from damage caused by forced closing.
- Closer adjustment in cement case provides 3/8" lateral, 1/4" longitudinal, and 5/32" height adjustment.
- Optional sealing compound SC-1 prevents water or cleaning solvent from entering the cement case.
- Optional accessory bracket available

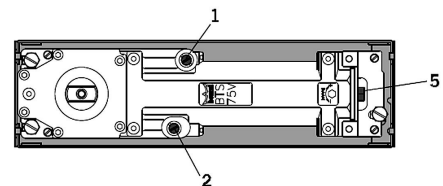
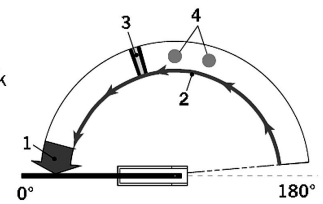
1 Valve adjustment 15°–0°.

2 Valve adjustment 175°–15°.

3 Mechanical backcheck at approximately 70°.

4 Single point hold open units available at 90° or 105°.

5 Spring power adjustment.



BTS75V NHO

BTS75V BF NHO

- Non-hold open unit is U.L. listed for use with fire rated doors when door swing is limited to 175° with an auxiliary stop.

BTS75V BF

Technical Details:

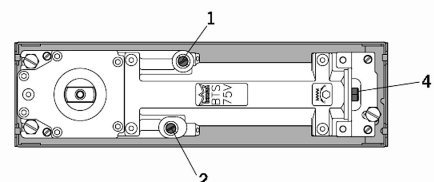
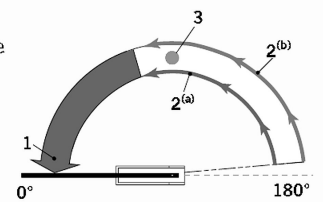
- Opening force 5 lb or less on interior doors / 8.5 lb or less on exterior doors where door without closer attached is 1 lb opening force or less.
- Mechanical backcheck eliminated to meet the barrier-free opening force requirement through 90° of opening.
- Selectable delayed action between 175° and 70°.

1 Valve adjustment 70°–0°.

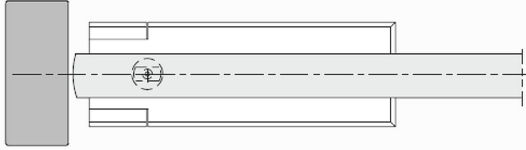
2 Valve adjustment
^(a)175°–70°. Selectable delayed action from
^(b)175° to 75°.

3 Single point hold open units available at 90°.

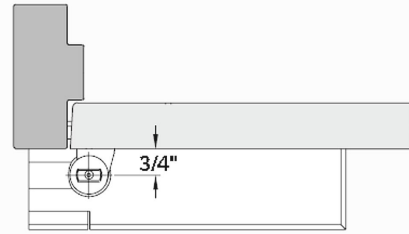
4 Spring power adjustment.



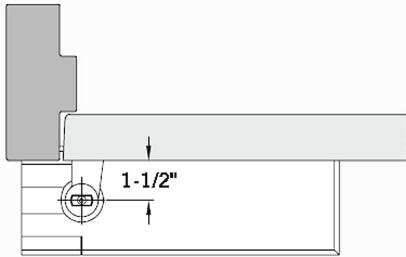
Center Hung Packages (A,B,G,H)



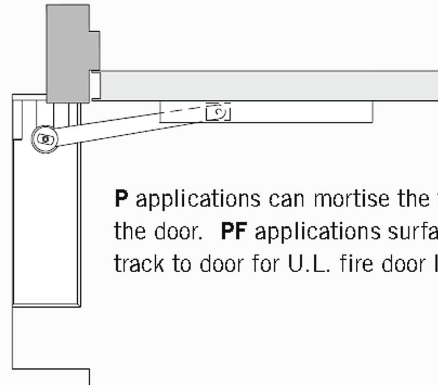
3/4" Offset Packages (D,E,F)



1-1/2" Offset Packages (C, C-E, C-F)

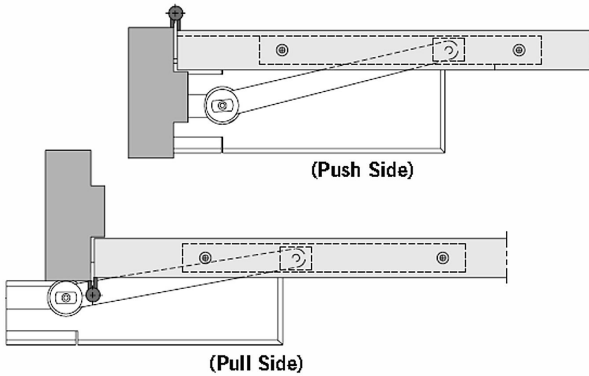


**Pocket Door Packages (P)
Pocket Fire Door Packages (PF)**

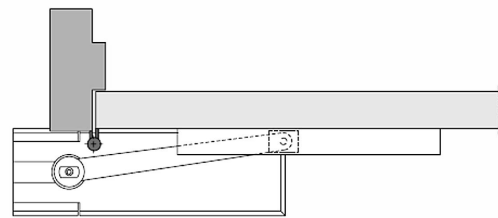


P applications can mortise the track in the door. **PF** applications surface apply track to door for U.L. fire door listing.

Independent Hung Packages (I)

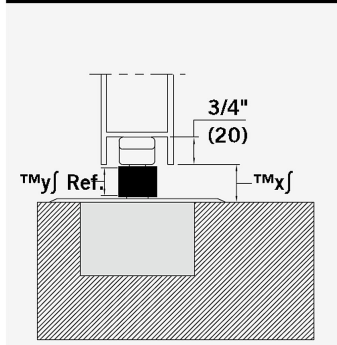


Independent Hung Fire Door Packages (IF)

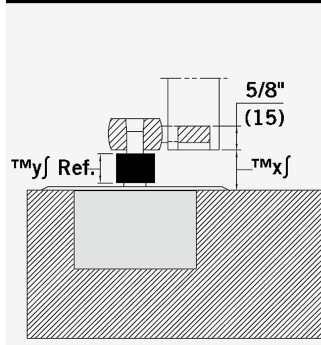


Track is surface applied to the door for U.L. fire door listing.

Center Hung Applications



Offset Hung Applications



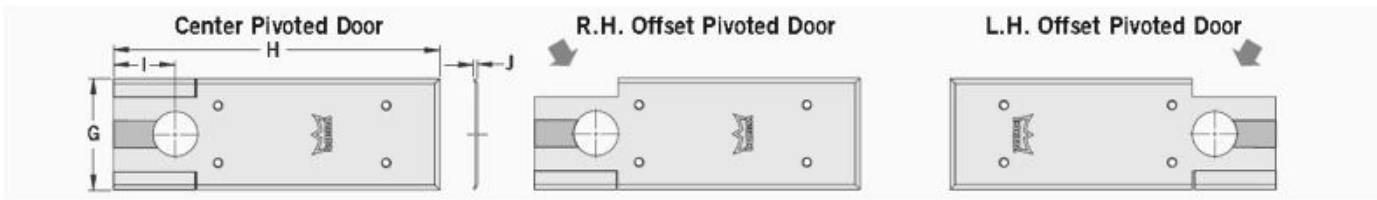
Spindles

Spindle No.	Dimension "x" (Door Clearance)	3° Pre-load Spindle No.	Dimension "y"
74003	5/16"	80003	1/8"
74005	1/2"	80005	5/16"
74007	5/8"		7/16"
(STD)74010	3/4"	80010	1/2"
74012	13/16"		5/8"
74015	7/8"	80015	11/16"
74020	1 1/8"	80020	7/8"
74025	1 5/16"	80025	1"
74030	1 1/2"	80030	1 5/16"
74035	1 11/16"		1 1/2"
74040	1 7/8"		1 11/16"
74045	2 1/16"		1 7/8"
74050	2 5/16"		2 1/16"

Cover Plate

Universal cover plate **7510**, suitable for left hand/right hand, 3/4" offset, 1-1/2" offset and center pivoted doors. Material is stainless steel or brass depending on the plated finish specified.

	G	H	I	J
Inches	4-1/8	12-1/8	2-9/32	3/32
Millimeters	105	308	58	2





BTS80

Technical Details:

- Closer body is non-handed.
- Mechanical backcheck at approximately 70°.
- Selectable delayed action between 175° and 75°. Extends the closing cycle to allow unobstructed passage.
- Delayed action is functional when hold open is not engaged.
- Dual thermostatic control valves combined with special hydraulic fluid provide controlled closing from 175°.
- Selectable multipoint hold open between approximately 75° and 175°.
- Adjustment for start of hold open range or when delayed action releases. Adjustable between 75° and 105°.

1 Valve adjustment 70°-0°.

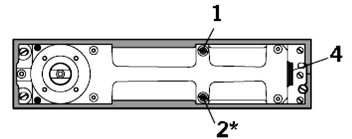
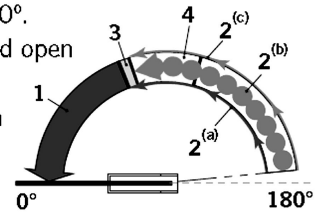
2 (a)Valve adjustment 175°-70°.

(b)Selectable multipoint hold open between 75° and 175°.

(c)Selectable delayed action from 175° to 75°.

3 Mechanical backcheck at approximately 70°.

4 Start of hold open/end of delayed action range adjustment. Adjustable between 75° and 105°.



* Clockwise turns create a longer delay time with a slower closing speed. Turning valve completely clockwise creates hold open and eliminates delayed action.

BTS80 F

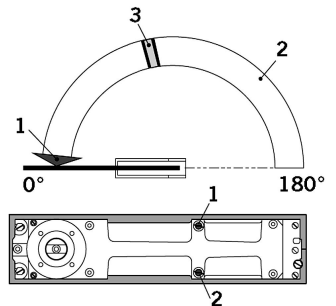
Technical Details:

- U.L. listed for use with fire doors.
- Closer body is handed.
- Non-hold open only.
- Mechanical backcheck at approximately 70°.
- Dual thermostatic control valves combined with special hydraulic fluid provide controlled closing from 180°.
- Recommended for applications using a wall magnet to hold a door open at 180°.

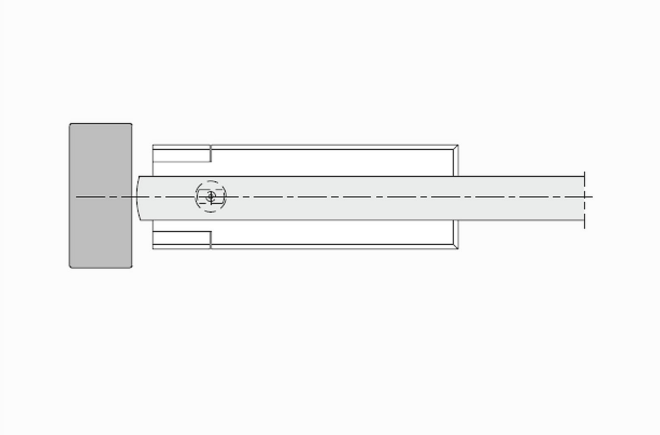
1 Valve adjustment 7°-0°.

2 Valve adjustment 180°-0°.

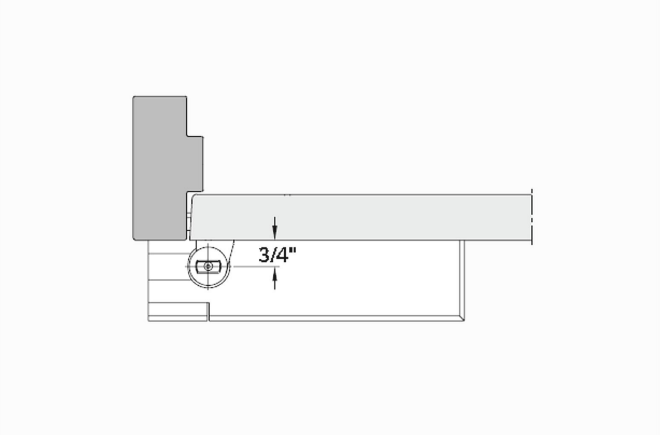
3 Mechanical backcheck at approximately 70°.



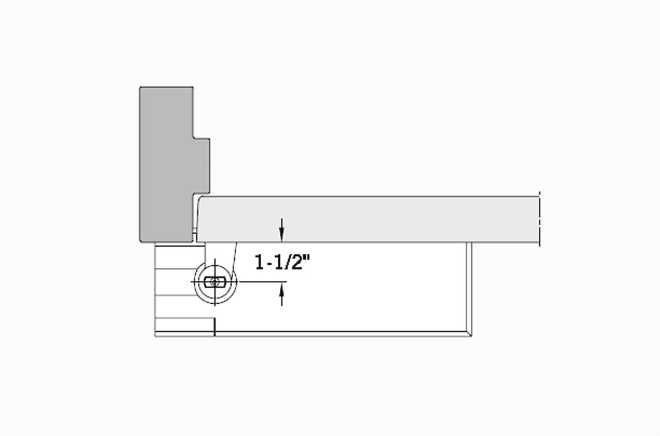
Center Hung Packages (A,B,G,H)



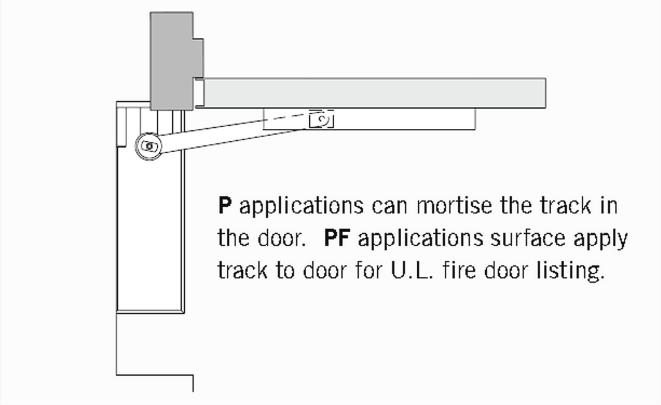
3/4" Offset Packages (D,E,F)



1-1/2" Offset Packages (C, C-E, C-F)

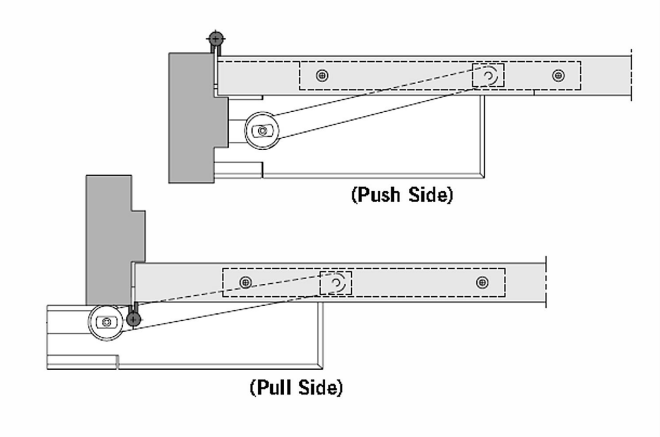


Pocket Door Packages (P)
Pocket Fire Door Packages (PF)

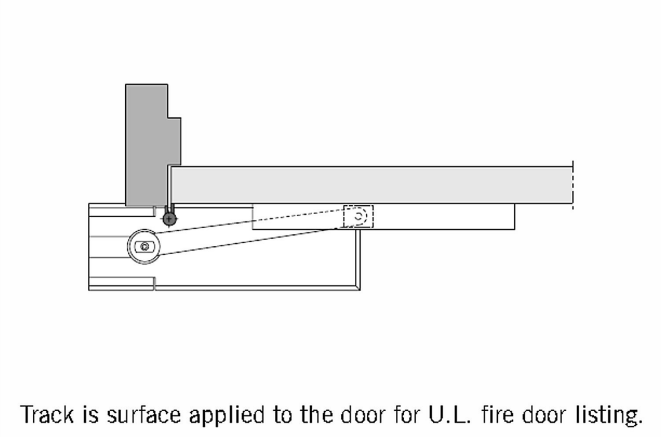


P applications can mortise the track in the door. PF applications surface apply track to door for U.L. fire door listing.

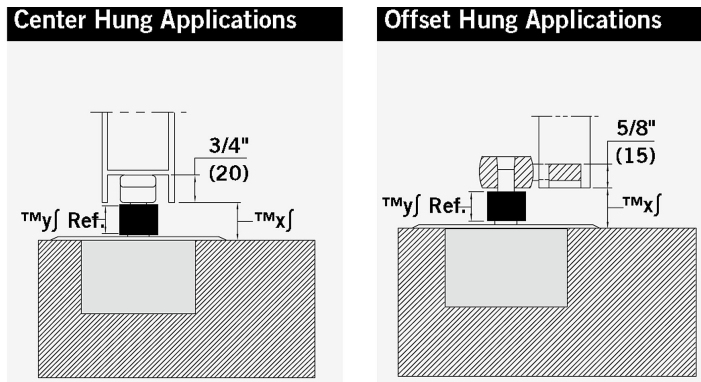
Independent Hung Packages (I)



Independent Hung Fire Door Packages (IF)



Track is surface applied to the door for U.L. fire door listing.

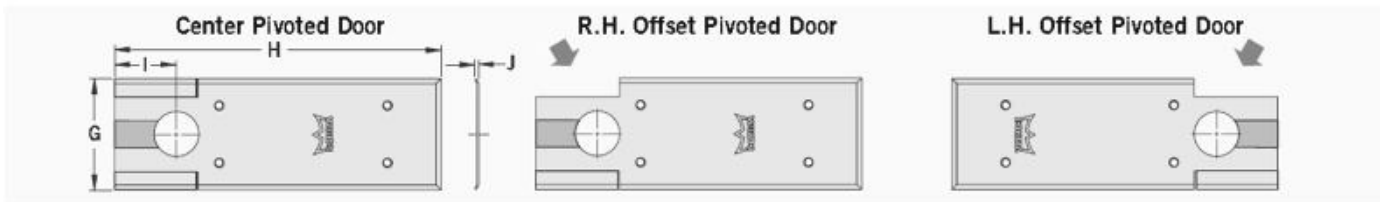


Spindles			
Spindle No.	Dimension "x" (Door Clearance)	3° Pre-load Spindle No.	Dimension "y"
74003	5/16"	80003	1/8"
74005	1/2"	80005	5/16"
74007	5/8"		7/16"
(STD)74010	3/4"	80010	1/2"
74012	13/16"		5/8"
74015	7/8"	80015	11/16"
74020	1 1/8"	80020	7/8"
74025	1 5/16"	80025	1"
74030	1 1/2"	80030	1 5/16"
74035	1 11/16"		1 1/2"
74040	1 7/8"		1 11/16"
74045	2 1/16"		1 7/8"
74050	2 5/16"		2 1/16"

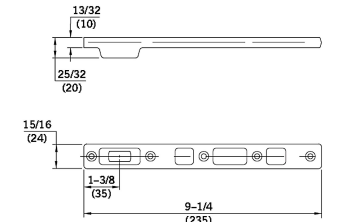
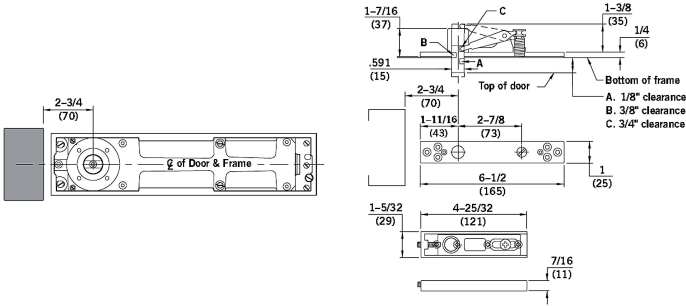
Cover Plate

Universal cover plate **7510**, suitable for left hand/right hand, 3/4" offset, 1-1/2" offset and center pivoted doors. Material is stainless steel or brass depending on the plated finish specified.

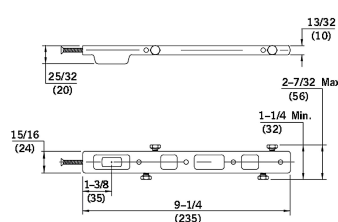
	G	H	I	J
Inches	4-1/8	12-1/8	2-9/32	3/32
Millimeters	105	308	58	2



Accessories for Center Hung Installations

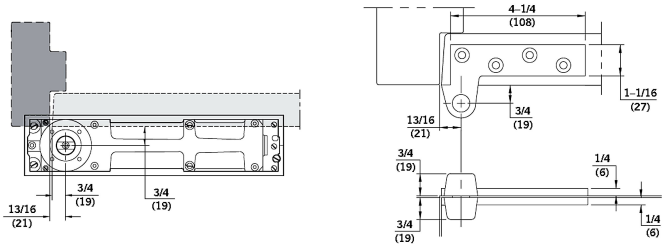


No. 7421 — Center hung bottom arm for steel or wood doors.

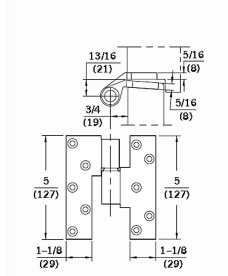


No. 7422 — Center hung bottom arm for aluminum doors.

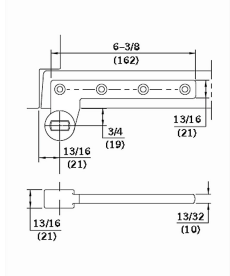
Accessories for 3/4" Offset Installations



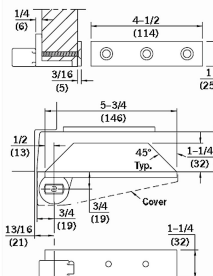
No. 75120 — 3/4" offset brass top pivot.
No. 75122 — 3/4" offset brass top pivot. U.L. listed for 20-minute rated fire doors.
No. 75133 — 3/4" offset steel top pivot. For use on fire doors rated up to three hours.



No. 75220 — 3/4" offset standard-duty brass intermediate pivot.
No. 75222 — 3/4" offset standard-duty brass intermediate pivot. U.L. listed for 20-minute rated fire doors.
No. 75233 — 3/4" offset heavy-duty steel intermediate pivot. For use on fire doors rated up to three hours. (Specify Hand)

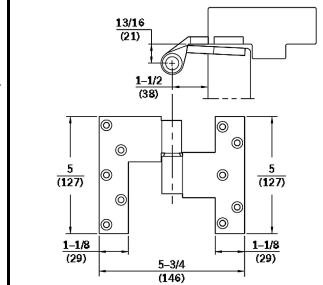
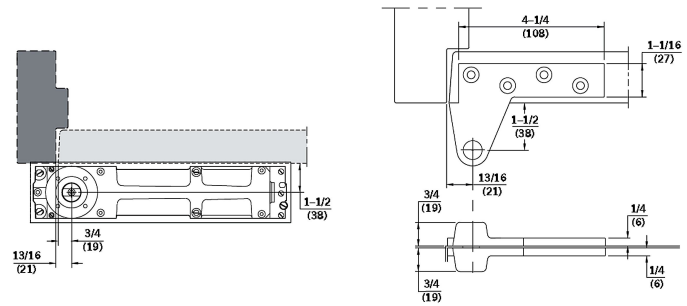


No. 75323 — 3/4" offset standard-duty steel bottom arm. Can also be used on fire doors rated up to three hours. (Specify Hand)

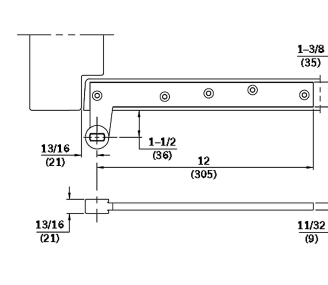


No. 75353 — 3/4" offset steel bottom arm. Closer is removable without removing door. Intermediate pivots are required when using this arm. (Specify Hand)

Accessories for 1-1/2" Offset Installations

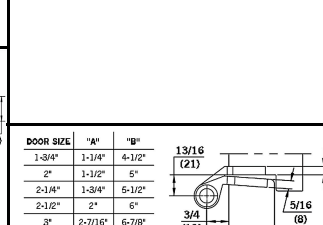
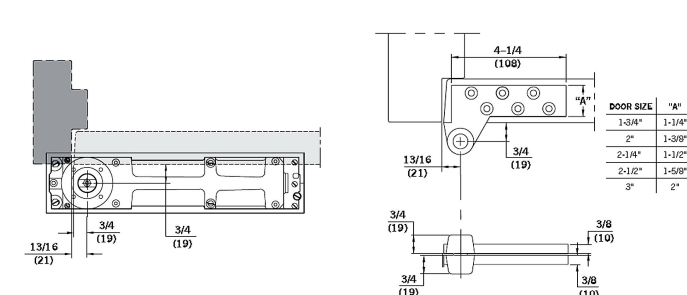


No. 15220 — 1-1/2" offset brass intermediate pivot. (Specify Hand)

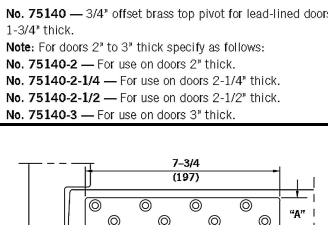


No. 15323 — 1-1/2" offset steel bottom arm. (Specify Hand)

Accessories for 3/4" Offset Lead-Lined Installations



No. 75140 — 3/4" offset brass top pivot for lead-lined doors 1-3/4" thick.
Note: For doors 2" to 3" thick specify as follows:
No. 75140-2 — For use on doors 2" thick.
No. 75140-2-1/4 — For use on doors 2-1/4" thick.
No. 75140-2-1/2 — For use on doors 2-1/2" thick.
No. 75140-3 — For use on doors 3" thick.



No. 75343 — 3/4" offset steel bottom arm for lead-lined 1-3/4" doors.
Note: For doors 2" to 3" thick specify as follows:
No. 75343-2 — For use on doors 2" thick.
No. 75343-2-1/4 — For use on doors 2-1/4" thick.
No. 75343-2-1/2 — For use on doors 2-1/2" thick.
No. 75343-3 — For use on doors 3" thick. (Specify Hand)

No. 75240 — 3/4" offset brass intermediate pivot for lead-lined doors 1-3/4" thick.
Note: For doors 2" to 3" thick specify as follows:
No. 75240-2 — For use on doors 2" thick.
No. 75240-2-1/4 — For use on doors 2-1/4" thick.
No. 75240-2-1/2 — For use on doors 2-1/2" thick.
No. 75240-3 — For use on doors 3" thick. (Specify Hand)

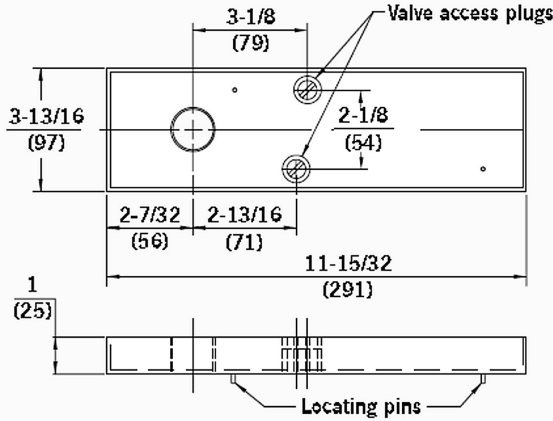
No. 75343 — 3/4" offset steel bottom arm for lead-lined 1-3/4" doors.
Note: For doors 2" to 3" thick specify as follows:
No. 75343-2 — For use on doors 2" thick.
No. 75343-2-1/4 — For use on doors 2-1/4" thick.
No. 75343-2-1/2 — For use on doors 2-1/2" thick.
No. 75343-3 — For use on doors 3" thick. (Specify Hand)



Terrazzo Pan

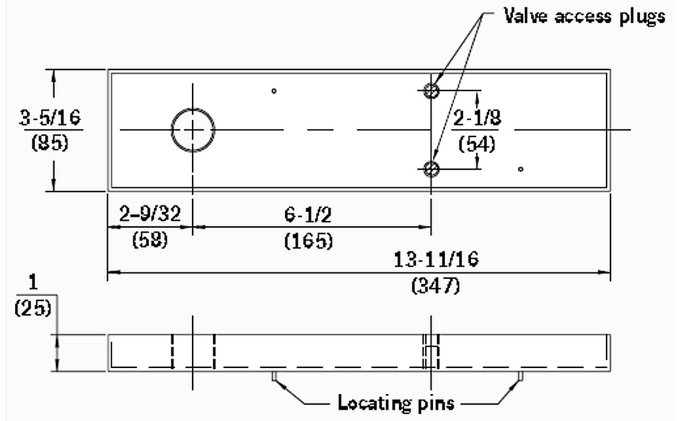
BTS 75V Series

- TP 75V CH for center hung applications (shown).
- TP 75V RH or LH for 3/4" offset applications (specify hand).



BTS 80/BTS 80 EMB Series

- TP 80 CH for center hung applications (shown).
- TP 80 RH or LH for 3/4" offset applications (specify hand).



Cover Plate

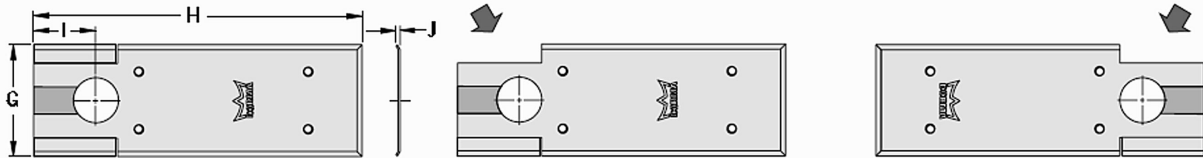
The BTS 75V universal cover plate **7510**, suitable for left hand/right hand, 3/4" offset, 1 1/2" offset, and center pivoted doors.

	G	H	I	J
Inches	4 1/8	12 1/8	2 9/32	3/32
Millimeters	105	308	58	2

Center Pivoted Door

R.H. Offset Pivoted Door

L.H. Offset Pivoted Door



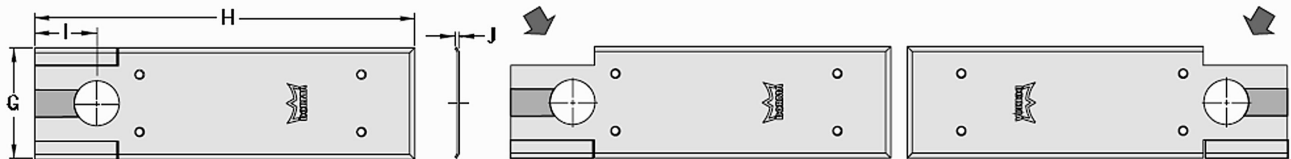
The BTS 80 and BTS 80 EMB universal cover plate **7410**, suitable for left hand/right hand, 3/4" offset, 1 1/2" offset, and center pivoted doors.

	G	H	I	J
Inches	4 1/8	14 3/32	2 9/32	3/32
Millimeters	105	358	58	2

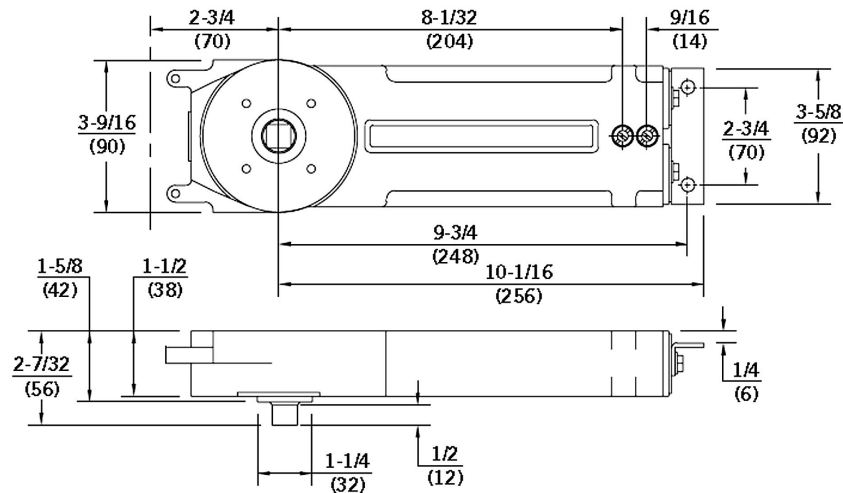
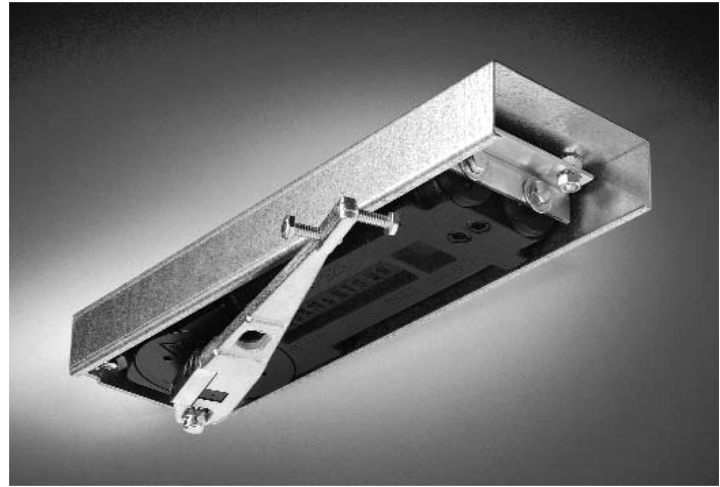
Center Pivoted Door

R.H. Offset Pivoted Door

L.H. Offset Pivoted Door



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.



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.

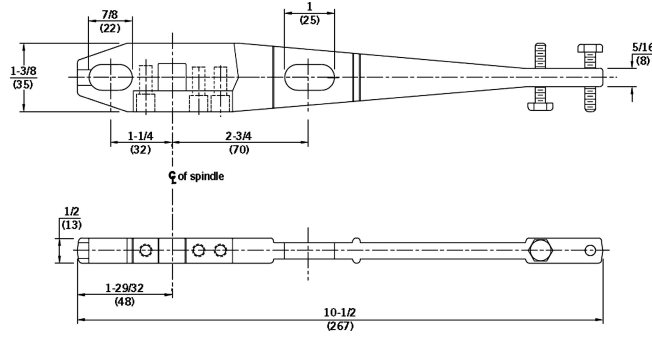
Size Selector Chart RTS88 BFI/BFE

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

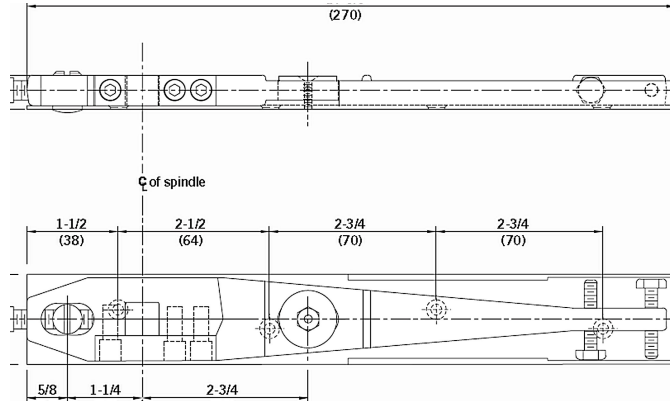
Ⓔ Meets 5 lb interior or 8.5 lb exterior maximum opening force on 3' 0" wide center hung doors.

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

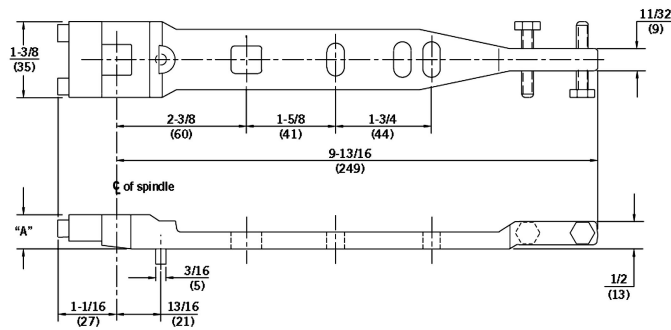
Note: Although DORMA RTS88 BFI/BFE Series closers comply with barrier free opening force restrictions, adequate control can not be guaranteed during compliance of these restrictions.



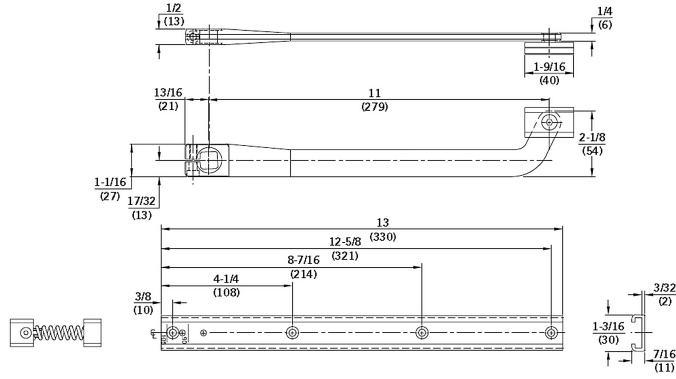
8831 - Standard side load arm for aluminum or steel doors. Requires a minimum 1/2" top door channel depth.



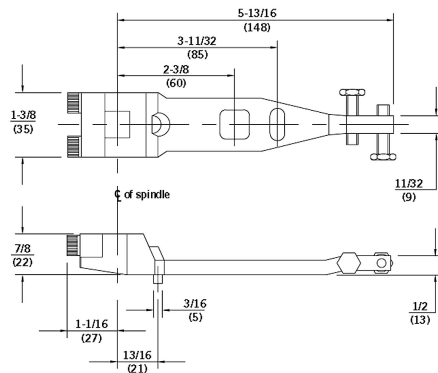
8832 - Side load arm with channel for wood doors. Requires a minimum 5/8" mortise depth.



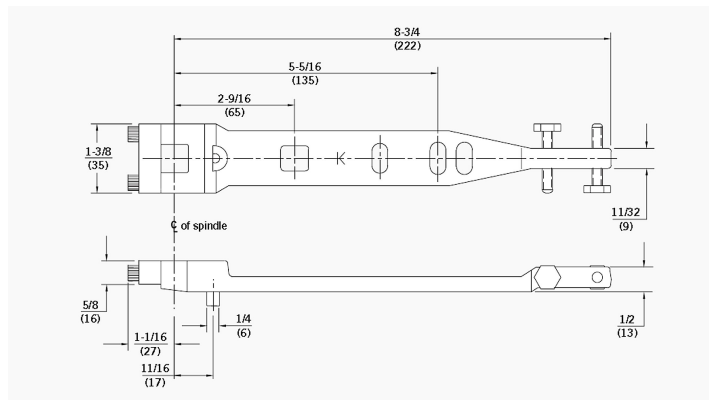
Arm	Dim. A
8835	1"
8836	7/8" (std.)
8837	5/8"
8838	3/4"



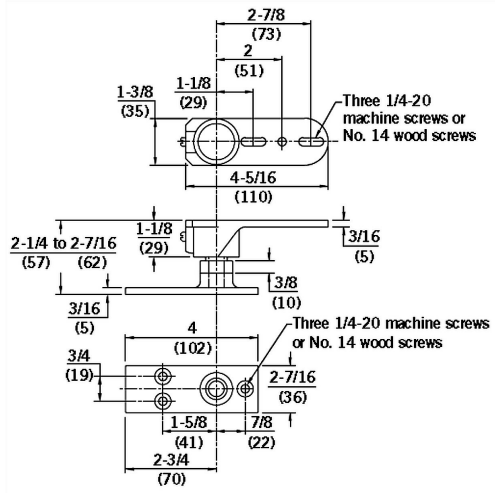
8812 - Offset slide arm and channel for aluminum, steel or wood doors, hung on 3/4" offset pivots or 4-1/2" wide butt hinges. Requires a minimum 3/4" top door rail channel depth.



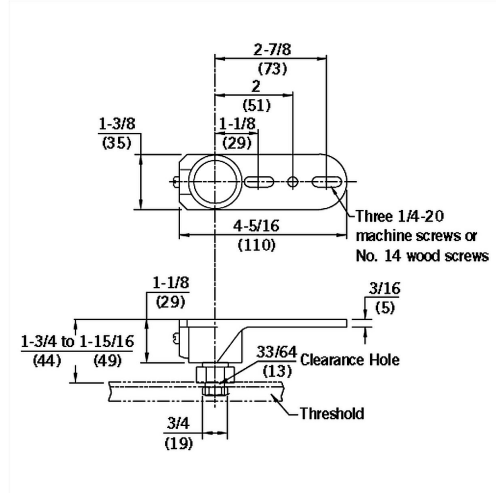
8836 S - End load arm specifically designed for tempered glass with a short top rail (patch fitting). Requires a minimum 7/8" top door rail channel depth.



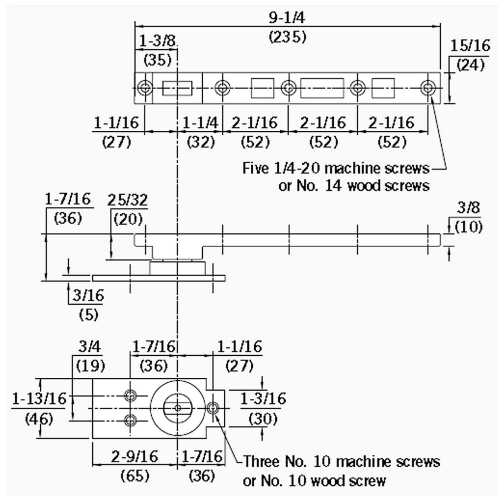
8837 K - End load arm specifically designed to match templating of Kawneer end load arm.



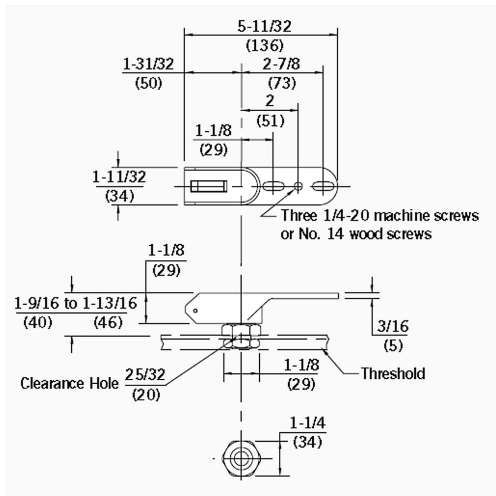
8570 - Adjustable side load floor pivot set for bottom door rail channel depth of 1-15/16". Base can be shortened for 1-9/16" bottom door rail channel depth. Bottom door clearance is adjustable from 5/16" to 1/2". Maximum weight capacity is 200 lb.



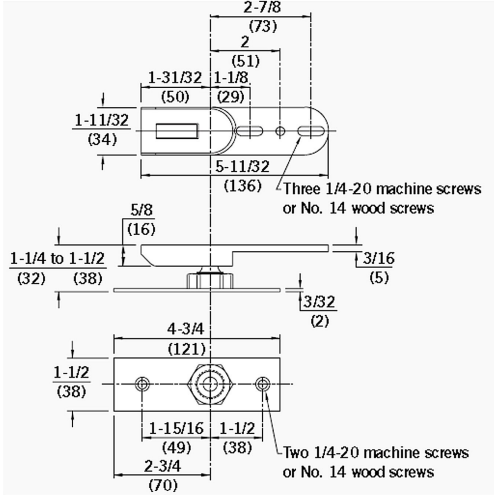
8572 - Adjustable side load threshold pivot set for bottom door rail channel depth of 1-9/16". Bottom door clearance is adjustable from 3/16" to 3/8". Maximum weight capacity is 200 lb.



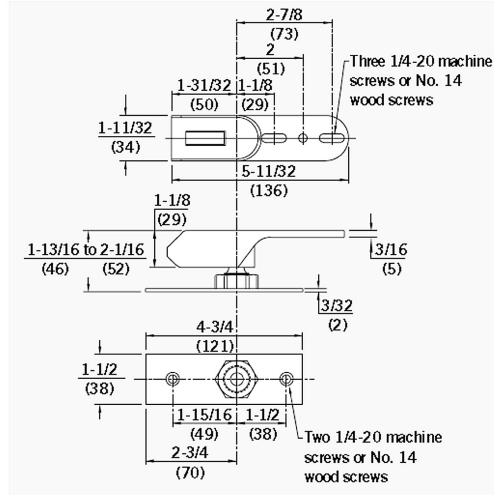
7471K/7421 - Side load floor pivot set. Requires a 1-1/8" mortise depth. Provides a bottom door clearance of 5/16". Weight capacity when used with RTS Series closer is 250 lb. Recommended for wood doors or any door weighing in excess of 200 lb.



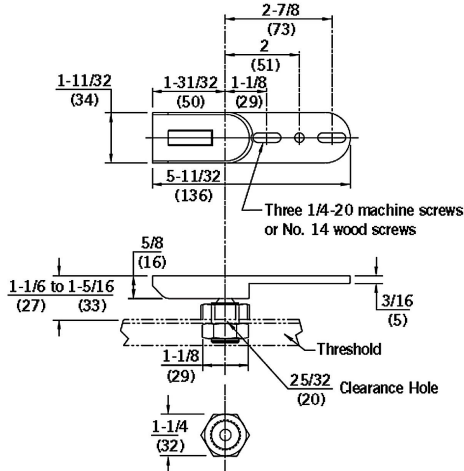
8856 - Adjustable end load threshold pivot set for bottom door rail channel depth of 1-3/8". Bottom door clearance is adjustable from 3/16" to 7/16". Maximum weight capacity is 200 lb.



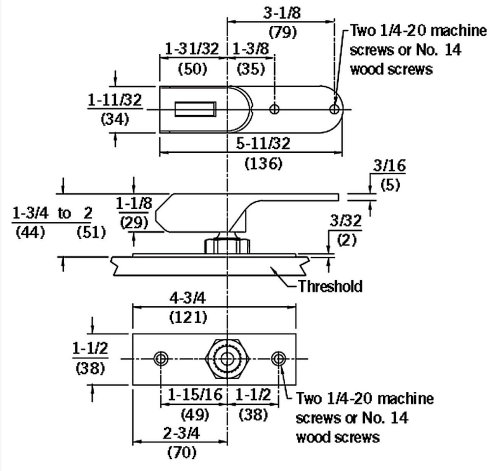
8852 - Adjustable end load floor pivot set for bottom door rail channel depth of 7/8". Bottom door clearance is adjustable from 3/8" to 5/8". Maximum weight capacity is 200 lb.



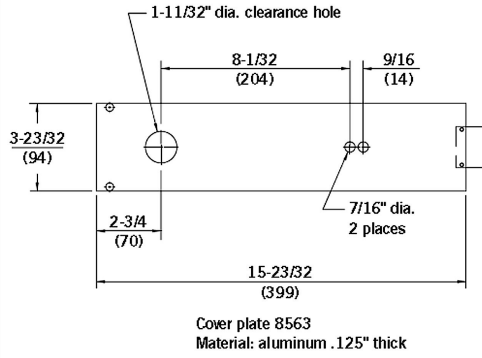
8853 - Adjustable end load floor pivot set for bottom door rail channel depth of 1-9/16". Bottom door clearance is adjustable from 1/4" to 1/2". Maximum weight capacity is 200 lb.



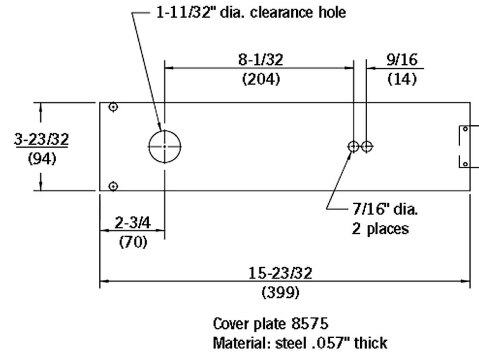
8855 - Adjustable end load threshold pivot set for bottom door rail channel depth of 7/8". Bottom door clearance is adjustable from 3/16" to 7/16". Maximum weight capacity is 200 lb.



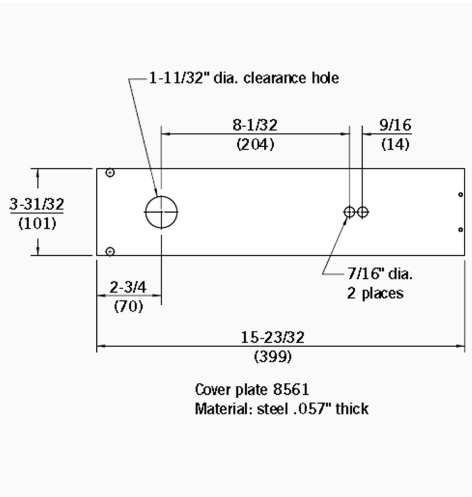
8857 - Adjustable end load threshold pivot set for bottom door rail channel depth of 1-9/16". Bottom door clearance is adjustable from 3/16" to 7/16". Maximum weight capacity is 200 lb.



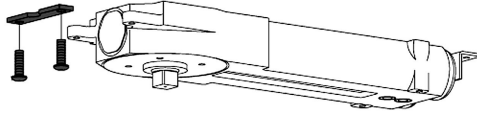
8563 - Cover plate for RTS Series closer when installed in aluminum header.



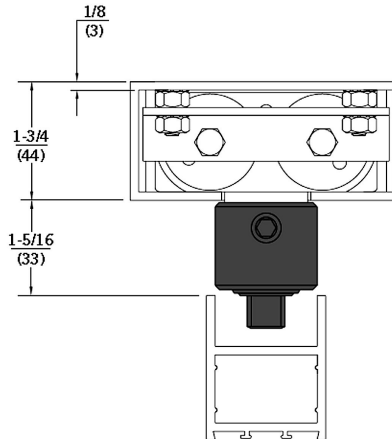
8575 - Cover plate for RTS Series closer when installed in steel header.



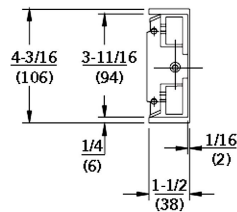
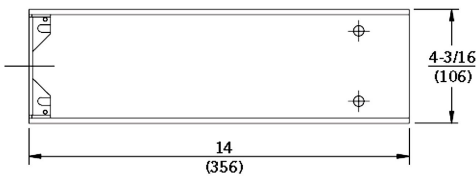
8561 - Cover plate for RTS Series when installed in wood header.



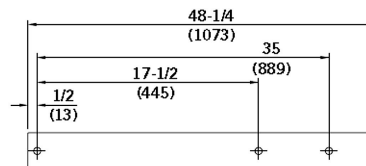
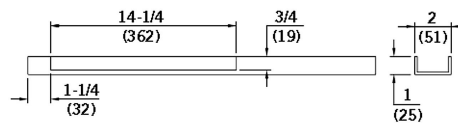
8820J - Conversion bracket for replacement of existing overhead concealed closers. Utilizes existing side jamb mounting bracket to anchor RTS Series closer.



8521E - Add-on spindle extension increases distance between closer and door by 1-3/16".



8532 - Steel header mounting channel. Provides reinforcement required to install the RTS Series closer in an open throat header.

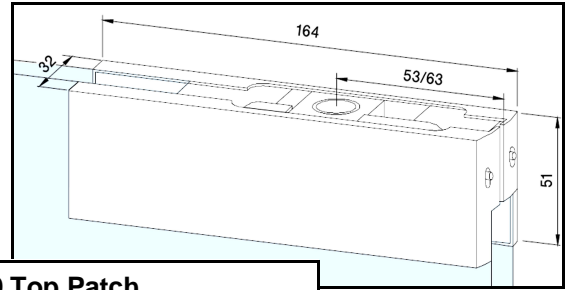
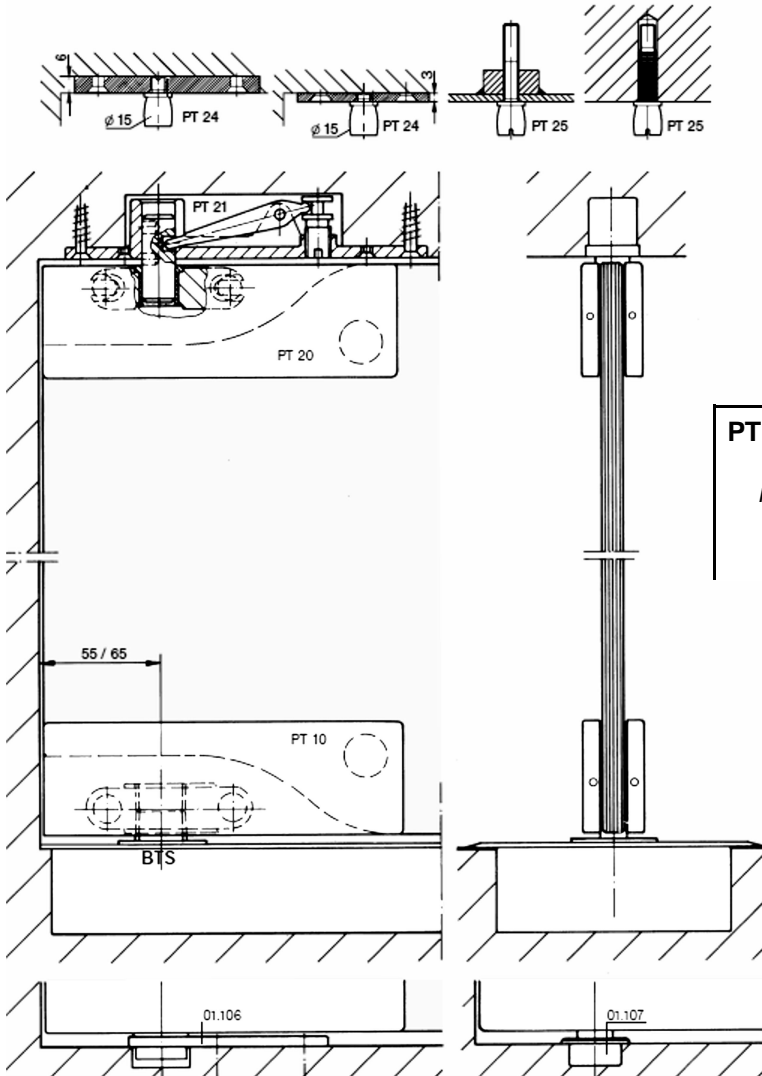


8511 - Offset slide arm cover. Conceals No. 8812 slide arm when door is in the closed position. The extruded aluminum cover is 48-1/4" long and is field-sized as required. Specify hand.

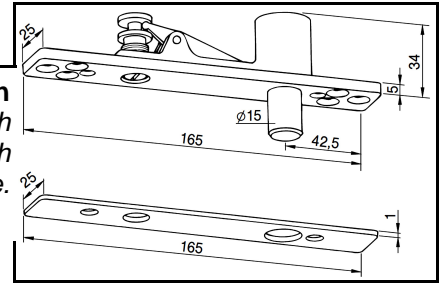


DORMA GLAS

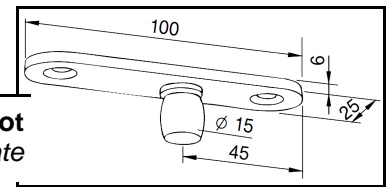
GSDC
Gulf States Door Control Inc.com



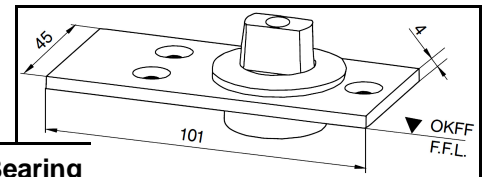
PT20 Top Patch
with plastic socket for top pivot.



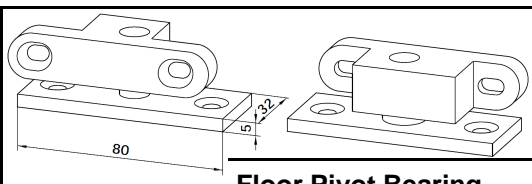
PT21 Frame Portion
Top center with removable pin with cover plate.



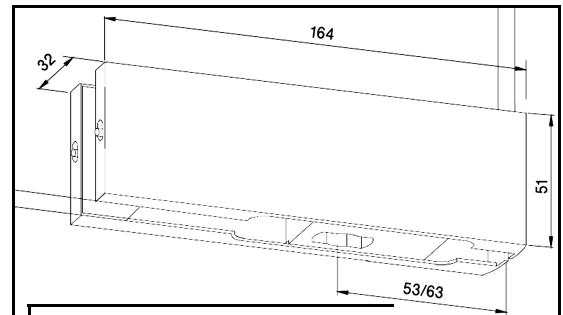
PT24 Pivot
Pivot with fixing plate



Floor Bearing
with DORMA profile spindle

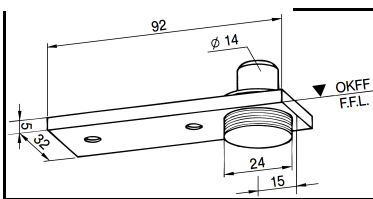


Floor Pivot Bearing
for damp environments, with insert for Universal for mounting onto floor surface.

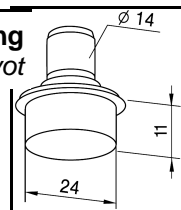


PT10 Bottom Patch
with insert for DORMA floor spring spindle, or round pivot.

Floor Pivot Bearing
Round pivot with cover plate. Adjustable Height.



Floor Pivot Bearing
Round pivot



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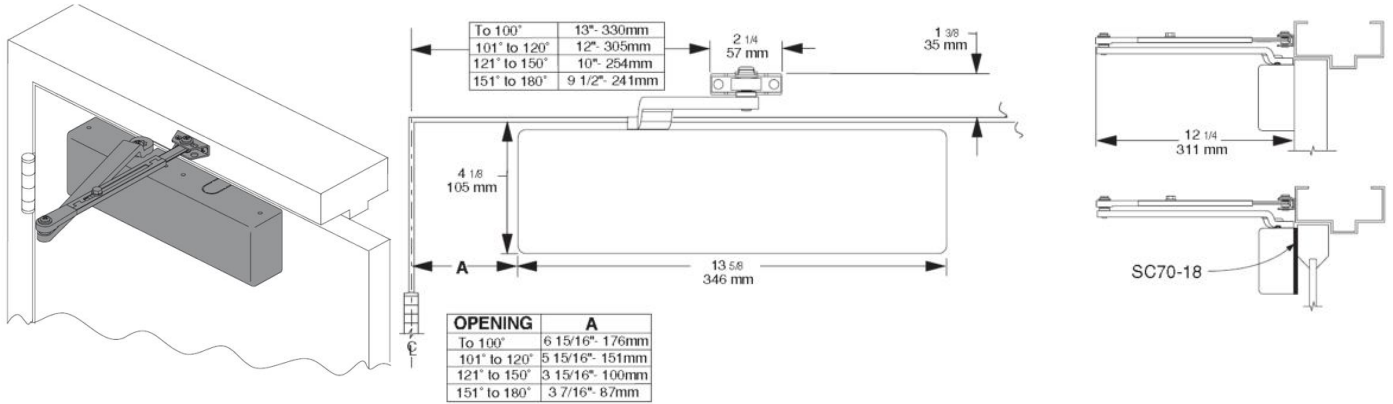
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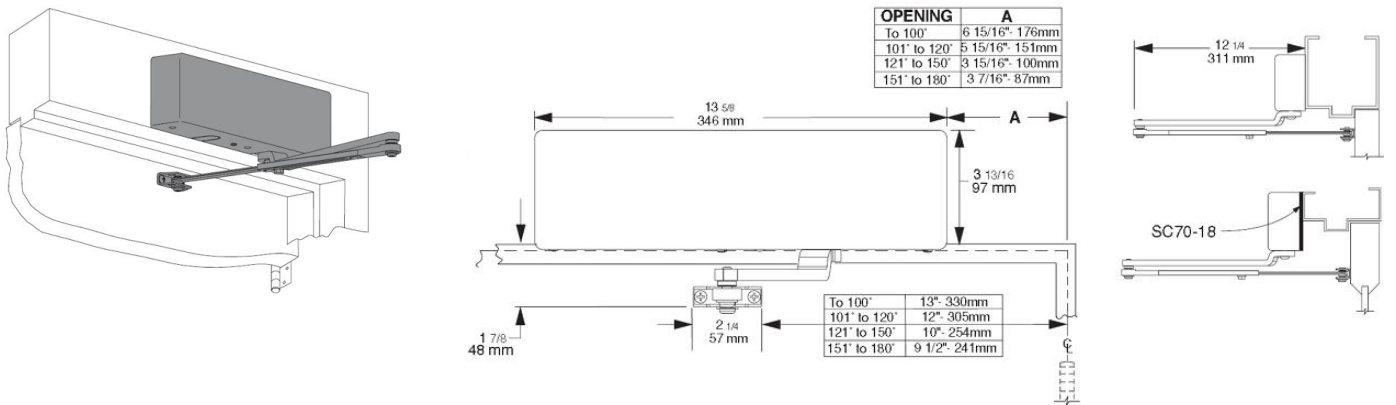
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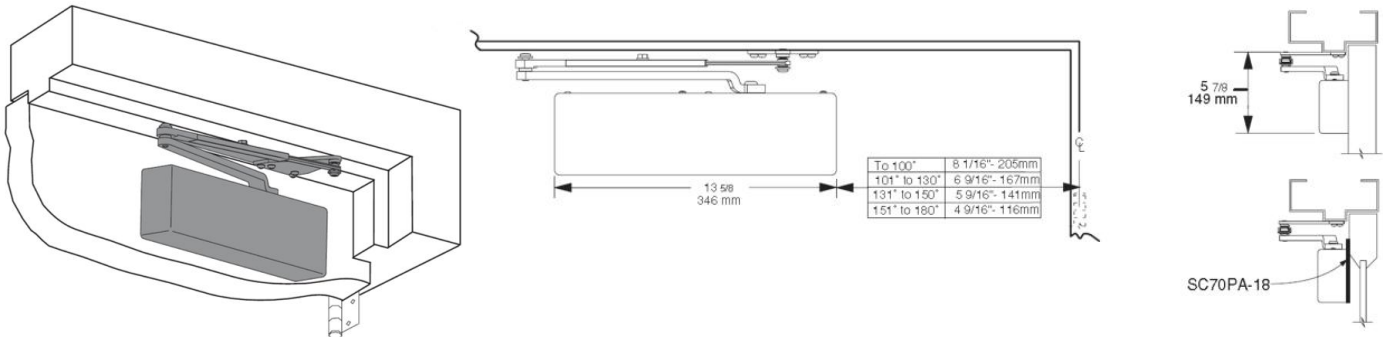
Regular Arm (Pull Side)



Top Jamb (Push Side)

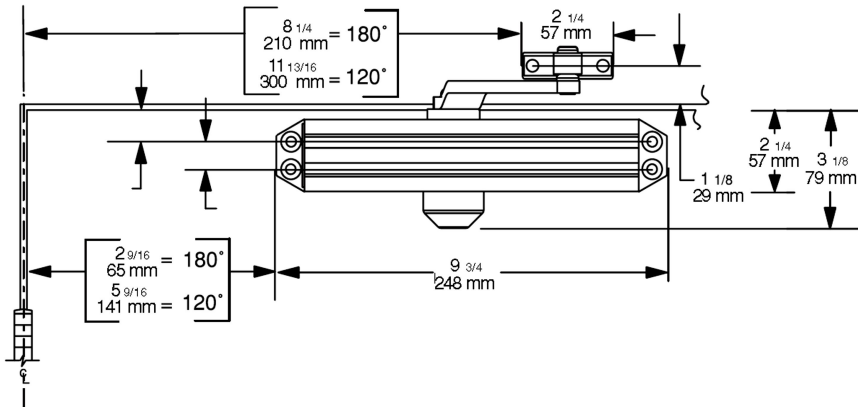


Parallel Arm (Push Side)

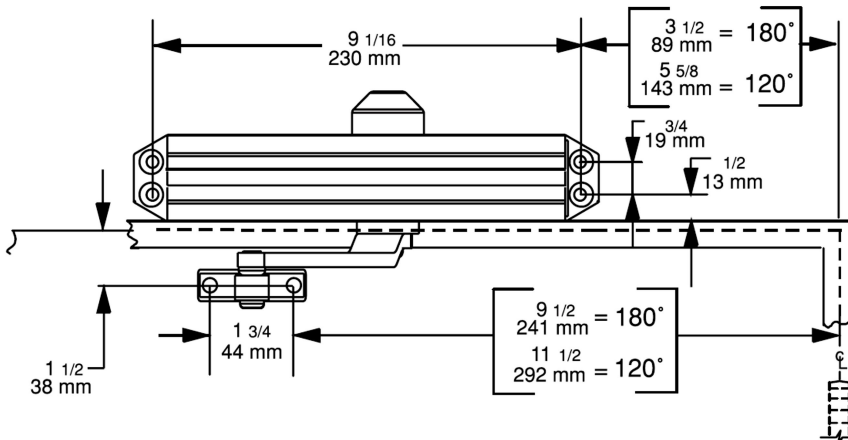


Applications

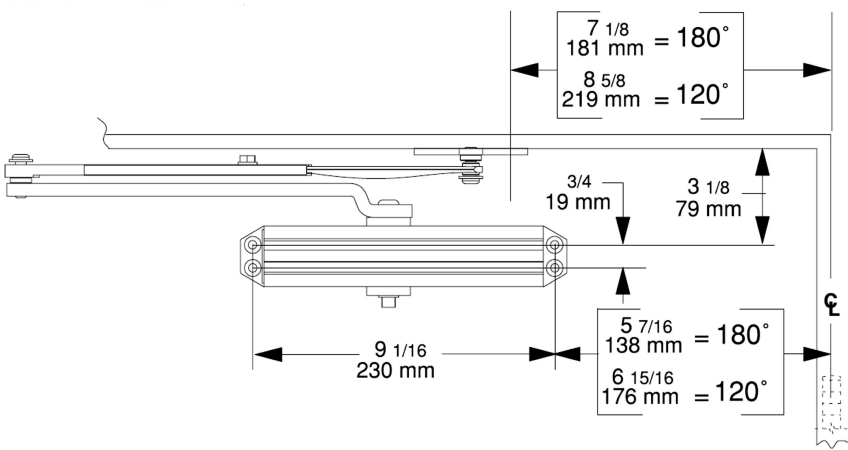
- ANSI/BHMA A156.4, Grade 1
- SC60 closers are suitable for interior doors from 30" to 54" wide and exterior doors up to 42" wide.
- SC61 closers are suitable for interior doors up to 48" wide and can be adjusted to meet the ADA accessibility requirements.
- UL10C approved all weather fluid



Regular Arm (Pull Side) SC60 and SC61 only



Top Jamb (Push Side) CS60 and SC 61 only



Parallel Arm (Pull Side) SC60 and SC61 only

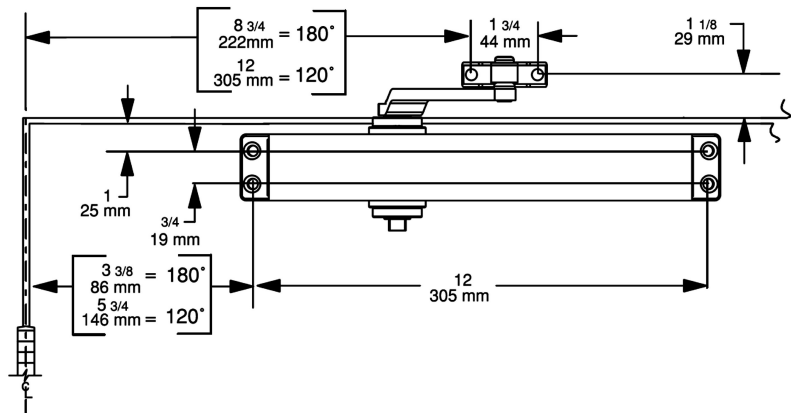




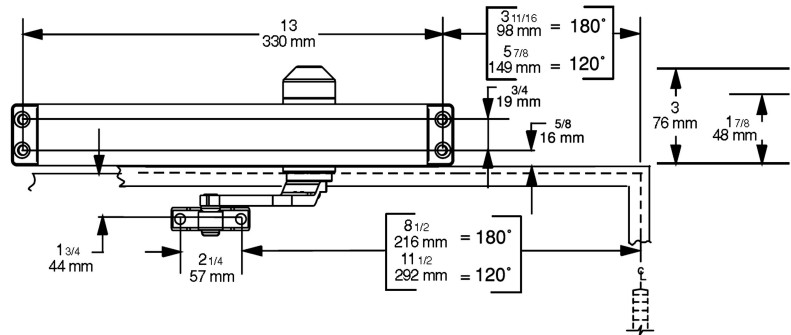
Applications

- ANSI/BHMA A156.4, Grade 1
- SC80 closers are suitable for interior doors from 30" to 54" wide and exterior doors up to 42" wide.
- SC81 closers are suitable for interior doors up to 48" wide and can be adjusted to meet the ADA accessibility requirements.
- UL10C approved all weather fluid

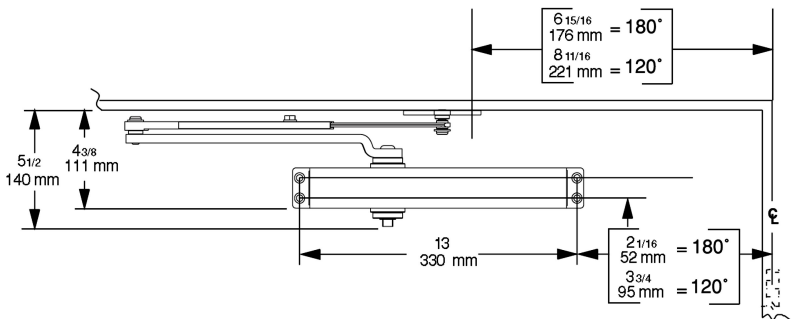
Regular Arm (Pull Side)



Top Jamb (Push Side)

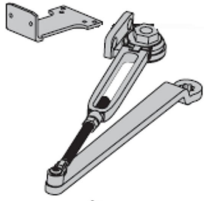


Parallel Arm (Pull Side)

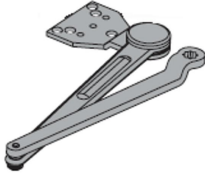




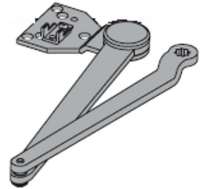
Rw/PA (Regular arm with parallel arm bracket)



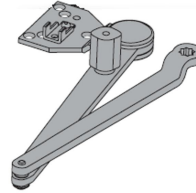
Hw/PA (hold open arm with parallel arm bracket)



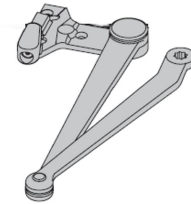
HD (Heavy duty arm)



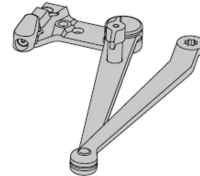
DS (Dead stop arm)



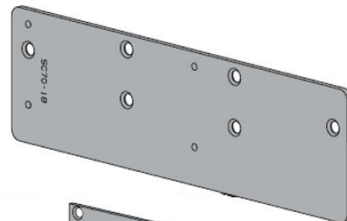
HO/DS (Hold-open with Dead stop arm)



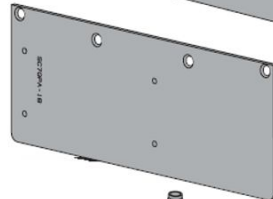
SS (Spring N' Stop)



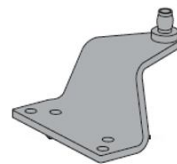
SS/HO (Spring N'Stop Hold-Open)



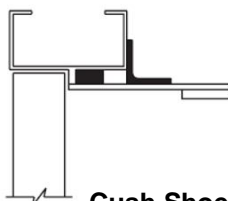
Narrow Frame Back Plate (SC70-18TJ)



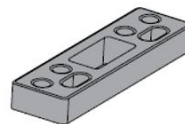
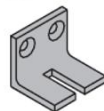
Narrow Top Rail Drop Plate (SC70-18PA)



Offset PA Shoe (SC70-62A)



Cush Shoe Support



Blade Stop Spacer

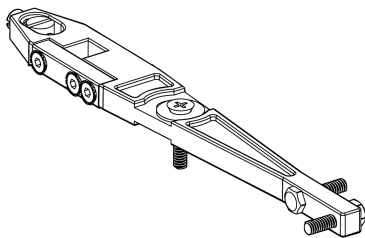
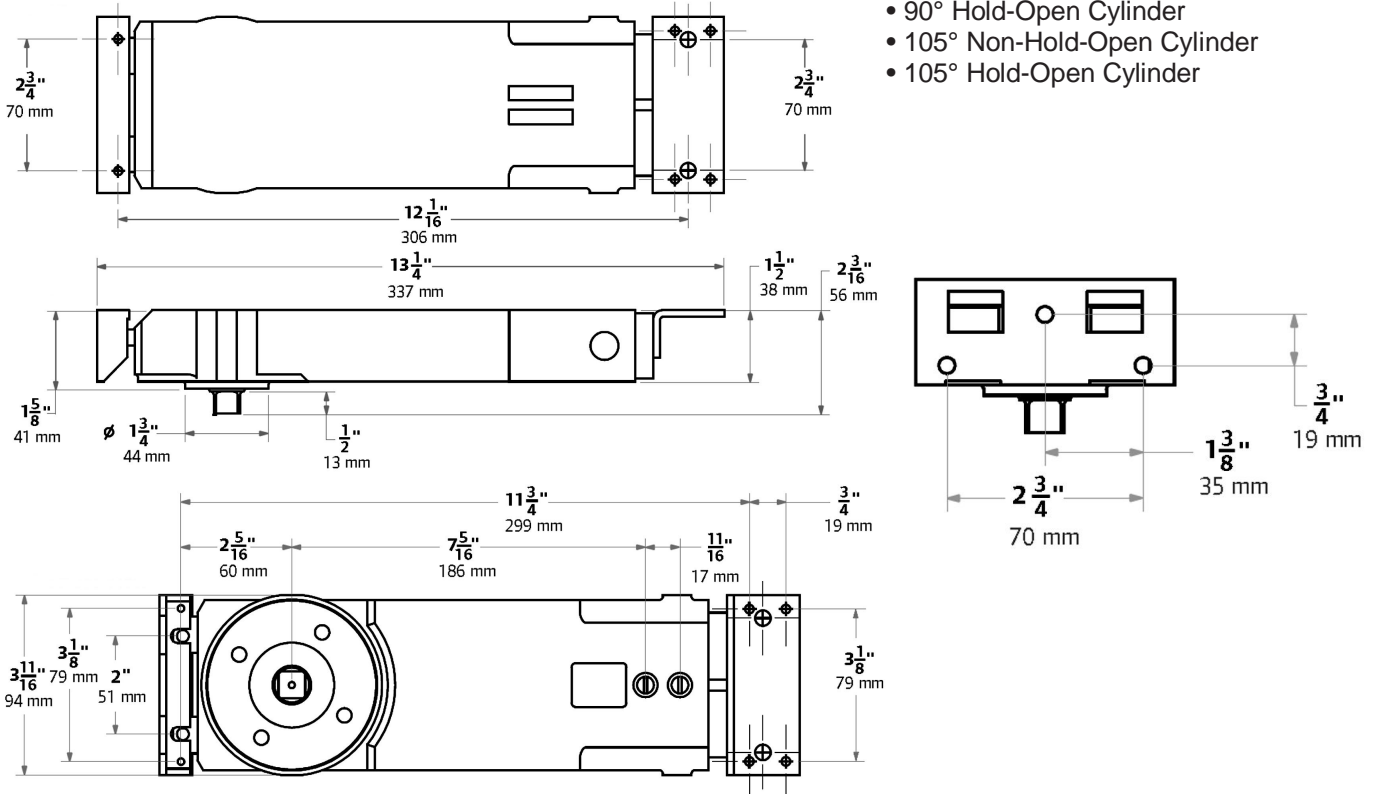


Features

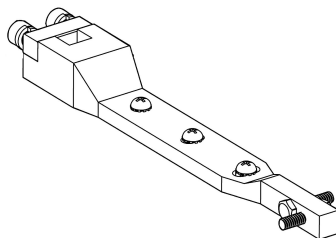
- Easy to adjust Closing and Latch Speeds after installation
- Easily fits into headers as small as 1-3/4" x 4"
- Positive centering to hold door closed against wind or draft
- Adjustable Closing Force, ANSI size 2-4

Optional features include:

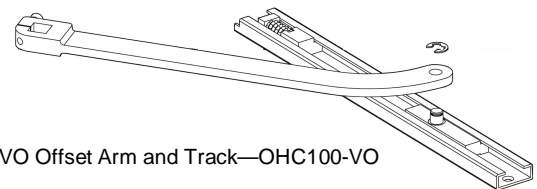
- End Load Arm
- Side Load Arm
- VO Offset Arm & Track
- 90° Non-Hold-Open Cylinder
- 90° Hold-Open Cylinder
- 105° Non-Hold-Open Cylinder
- 105° Hold-Open Cylinder



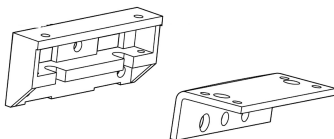
Side Load Arm Kit—OHC100-SL



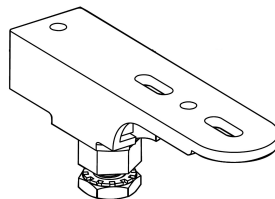
End Load Arm Kit—OHC100-EL



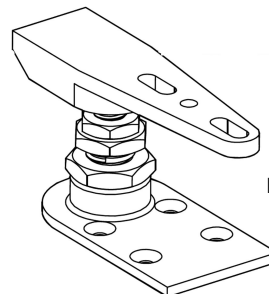
VO Offset Arm and Track—OHC100-VO



AFK Bracket—OHC100-AFK



GE Pivot—OHC100-GE



DP Pivot—OHC100-DP



1490 Series Concealed Vertical Rod Touchbar Device

Model	Trim Package
1490	No Outside trim
1491	Pull Only (9970)
1492	N.L. Cylinder
1493	H.B. Cylinder
1494	Pull w/N.L. Cylinder
1495	Pull w/H.B. Cylinder

Other Features Include:

- Quarter-turn dogging
- Durable metal end caps
- Simplified cartridge mounting for most standard rim cylinders
- Rod extension kits for doors 7' - 10' available
- Available in a full range of architectural finishes



The 1490 device is built with rugged steel operating mechanisms and durable aluminum push bars and end caps. The 1490, Dor-O-Matic's heaviest device, offers a clean appearance in a pushpad style device, with only 3" in height and 2 3/4" of projection. The electrified version includes a monitor switch.

NOTE: The EL1490 and ED1490 Series is a handed device.

Cylinder Adapter Assembly



Hold Back



Night Latch

9970 Pull



1590 Series Rim Latch Touchbar Device

Model	Trim Package
1590	No Outside trim
1591	Pull Only
1592	N.L. Cylinder
1593	H.B. Cylinder
1594	Pull w/N.L. Cylinder
1595	Pull w/H.B. Cylinder

Other Features Include:

- Quarter-turn dogging
- Durable metal end caps
- Simplified cartridge mounting for most standard rim cylinders
- Available in a full range of architectural finishes



The model EL1590 electrified exit device provides convenience and security in a surface applied exit device suitable for any type of door. The device includes a monitor switch. The 1590 offers the aesthetic benefit of the 1490 with the installation and maintenance ease of a rim exit device.

NOTE: The EL1590 and ED1590 Series is a handed device.

Cylinder Adapter Assembly



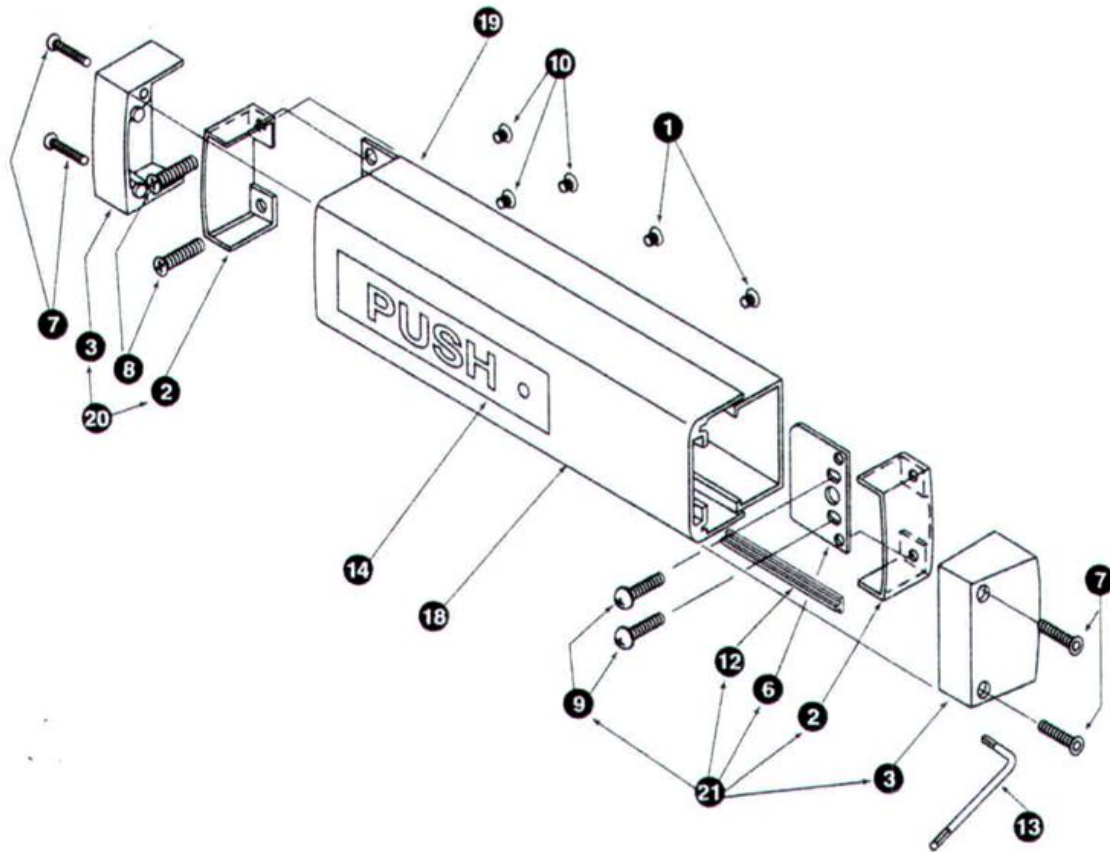
Hold Back



Night Latch

9970 Pull



	Model No.	Description	Part No.	Finish	Pkg Qty
1	PB17	10-32 1/4" UFPHMS Screw	SCREW.1028	-	10
2	PB200	1490/1590 Pushbar Mounting Bracket	4270106786	-	each
3	PB201	1490/1590 Pushbar End Cap	4270106787	P35	each
4	PB202	1590 Pushbar End Cap	4270106875	P35	each
5	PB203	1590 Center Case Cover P35	4270106863	P35	each
6	PB204	1490/1590 P/Bar Hingeside Mounting Plate	4270106770	-	each
7	● PB205	8-32 1" FH Torx Screw	SCREW.1050	-	10
	PB205	8-18 1.14" FPH TF Typ 25	SCREW.1143	-	10
8	PB206	12-24 1 3/16" UFPHMS Screw (1490)	SCREW.1051	-	10
	PB219	12-24 1" UFPHMS Screw (1590)	SCREW.1066	-	10
9	PB207	12-24 1" PPH W/SEMS EXT TF Screw	SCREW.1053	-	10
10	PB208	8-32 1/4" UFPHMS Screw	SCREW.1012	US32D	10
	PB208	8-32 1/4" UFPHMS Screw	SCREW.1055	BLACK	10
12	PB210	Pushbar Bumper 4' (2 ea. Required)	BUMPER.103	-	each
13	PB211	Short Arm Key	KEY.102	-	10
14	PB212	1490 RHR/1590 LHR Push Label	4270107321	BLACK	each
	PB213	1490 LHR/1590 RHR Push Label	4270107323	BLACK	each
	PB214	1490 RHR/1590 LHR Push Label	4270107320	GOLD	each
	PB215	1490 LHR/1590 RHR Push Label	4270107322	GOLD	each

● For Devices shipped before September, 2004.

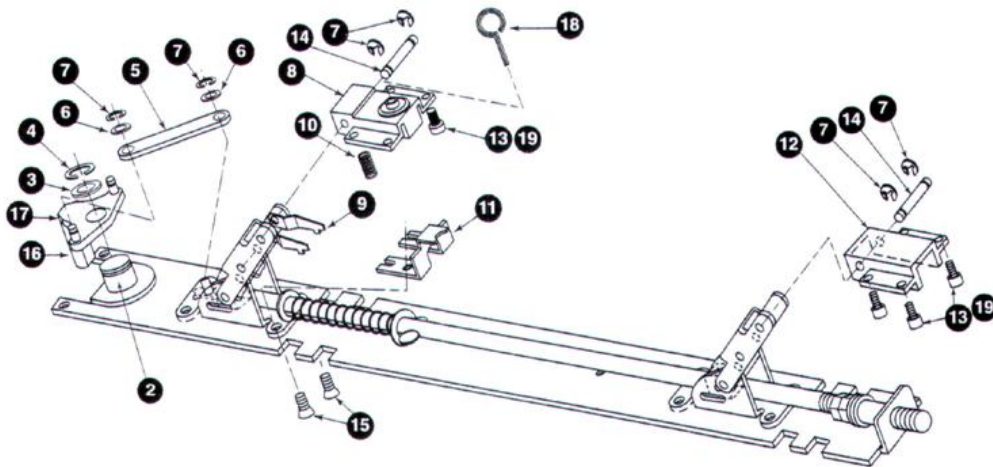
PUSH

DOROMATIC

	Model No.	Description	Part No.	Pkg Finish	List Qty
18	PB250	1490 Pushbar 36"	4270107027	US28	each
		1490 Pushbar 36"	4270107028	DC13	each
		1490 Pushbar 36"	4270107029	DC35	each
		1490 Pushbar 36"	4270107685	US3	each
		1490 Pushbar 36"	4270107689	US4	each
		1490 Pushbar 36"	4270107686	US10	each
		1490 Pushbar 36"	4270107691	US10B	each
		1490 Pushbar 36"	4270107687	US14	each
		1490 Pushbar 36"	4270107688	US15	each
18	PB251	1490 Pushbar 48"	4270107031	US28	each
		1490 Pushbar 48"	4270107032	DC13	each
		1490 Pushbar 48"	4270107033	DC35	each
		1490 Pushbar 48"	4270107703	US3	each
		1490 Pushbar 48"	4270107707	US4	each
		1490 Pushbar 48"	4270107704	US10	each
		1490 Pushbar 48"	4270107709	US10B	each
		1490 Pushbar 48"	4270107705	US14	each
		1490 Pushbar 48"	4270107706	US15	each
18	PB260	1590 Pushbar 36"	4270107091	US28	each
		1590 Pushbar 36"	4270107092	DC13	each
		1590 Pushbar 36"	4270107093	DC35	each
		1590 Pushbar 36"	4270107712	US3	each
		1590 Pushbar 36"	4270107716	US4	each
		1590 Pushbar 36"	4270107713	US10	each
		1590 Pushbar 36"	4270107718	US10B	each
		1590 Pushbar 36"	4270107714	US14	each
		1590 Pushbar 36"	4270107715	US15	each
18	PB261	1590 Pushbar 48"	4270107095	US28	each
		1590 Pushbar 48"	4270107096	DC13	each
		1590 Pushbar 48"	4270107097	DC35	each
		1590 Pushbar 48"	EXT.255	US3	each
		1590 Pushbar 48"	EXT.259	US4	each
		1590 Pushbar 48"	EXT.256	US10	each
		1590 Pushbar 48"	EXT.261	US10B	each
		1590 Pushbar 48"	EXT.257	US14	each
		1590 Pushbar 48"	EXT.258	US15	each
19	PB270	1490 Channel 36"	4270107034	US28	each
		1490 Channel 36"	4270107035	DC13	each
		1490 Channel 36"	4270107036	DC35	each
19	PB271	1490 Channel 48"	4270107038	US28	each
		1490 Channel 48"	4270107039	DC13	each
		1490 Channel 48"	4270107040	DC35	each
19	PB280	1590 Channel 36"	4270107587	US28	each
		1590 Channel 36"	4270107588	DC13	each
		1590 Channel 36"	4270107589	DC35	each
19	PB281	1590 Channel 48"	4270107591	US28	each
		1590 Channel 48"	4270107592	DC13	each
		1590 Channel 48"	4270107593	DC35	each
20	PBX-23	1490 Lockside End Cap Assembly	ECAP.111	P35	each
21	PBX-24	1490 Hingside End Cap Assembly	ECAP.103	P35	each
	● PBX-25	1490 Mounting Package	PKG.102	US28	each
	● PBX-25	1490 Mounting Package	PKG.104	DC35	each
	▲ PBX-26	1590 Mounting Package	PKG.105	-	each



PUSH

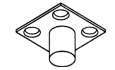
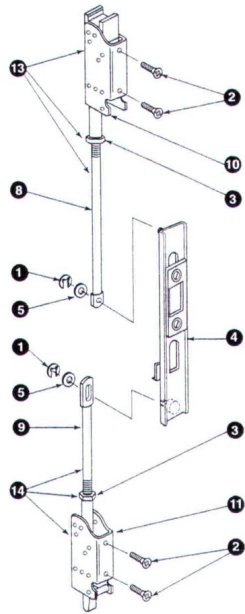


Model No.	Description	Part No.	Finish	Pkg Qty
1	PB124 1590 Latchbolt Assembly	4270107603	-	each
2	PB216 Lift Lever Axle	4270106769	-	each
3	PB217 Lift Lever Washer	WASHER.102	-	10
4	PB218 Retaining Ring .500	RRING.104	-	10
5	PB139 Link	4270106773	-	each
6	PB220 Link Washer	WASHER.103	-	10
7	PB221 Retaining Ring .188	RRING.105	-	10
8	PB222 Dogging Bracket Assembly	4270107046	-	each
9	PB223 Dogging Clip	4270106960	-	each
10	PB224 Compression Spring	4299101020	-	each
11	PB225 Dogging Strike	4270106961	-	each
12	PB226 Clevis	4270106979	-	each
13	PB227 8-32 3/8" PPHMS w/Sems	SCREW.1136	-	10
14	PB228 Clevis Assembly Axle	AXLE.1007	-	10
15	PB229 10-32 3/8" UFPHMS Screw	SCREW.1043	-	10
16	PB230 Lift Lever	4270106745	-	each
17	PB231 Pivot Pin	4270106772	-	each
18	PB232 Hex Dogging Key 5/32"	KEY.10020	-	10
19	PB233 #8 Washer Hi-Collar	WASHER.107	-	10
20	RTR10 1590 Retractor-Sgl Dr 1 3/4"	4270106888	-	each
	RTR11 1590 Retractor-Sgl Dr 2 1/4"	4270107422	-	each
	RTR12 1590 Retractor-Pair w/Mullion 1 3/4" Dr	4270107520	-	each
	RTR13 1590 Retractor-Pair w/Mullion 2 1/4" Dr	4270107521	-	each
	RTR14 1590 RL Retractor 1 3/4" Dr	4270108830	-	each
	RTR15 1590 RL Retractor 2 1/4" Dr	4270108831	-	each
21	PB355 1590 Latchbolt Spring	SPRING.127	-	10

1490 Base Plate Assemblies

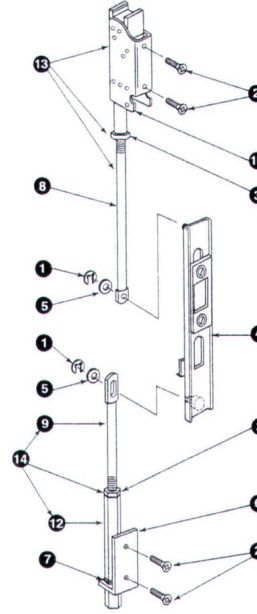
PBX-50	1490 Baseplate Assembly LHR 36"	4270107061	-	each
PBX-51	1490 Baseplate Assembly LHR 48"	4270107048	-	each
PBX-52	1490 Baseplate Assembly RHR 36"	4270107047	-	each
PBX-53	1490 Baseplate Assembly RHR 48"	4270107060	-	each
PBX-58	1590 Baseplate Assembly 36"	4270107089	-	each
PBX-59	1590 Baseplate Assembly 48"	4270107090	-	each

Standard Rod Assembly

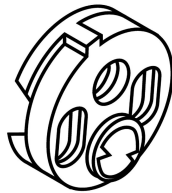


PB48
Top Strike

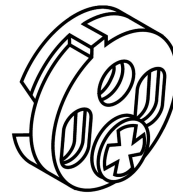
EL Rod Assembly



Model No.	Description	Part No.	Finish	Pkg Qty
1	PB53 Retaining Ring .250	RRING.103	-	25
2	PB17 10-32 1/4 UFPH Screw	SCREW.1028	US32D	10
	PB17 10-32 1/4 UFPH Screw	SCREW.1029	BLACK	10
3	PB23 3/8-24 Jam Nut	NUT.101	-	10
4	PB56 Lift Bracket Assembly	4270106796	-	each
	PB57 EL Lift Bracket Assembly	4270107495	-	each
5	PB79 Rod Washer	WASHER.116	-	10
6	PB83 EL Hex Rod Guide Assembly	4270108426	US32D	each
	PB83 EL Hex Rod Guide Assembly	GUIDE.101	P35	each
7	PB84 EL HEX BUSHING	BUSH.107	-	10
8	PB100 Top Rod 35.000"	4270106776	-	each
9	PB101 Standard Bottom Rod 31.625"	4270106775	-	each
	PB102 EL Bottom Rod 34.625"	4270109003	-	each
10	PB128 EL Top Latch	4270105926	-	each
	PB130 SU Top Latch	4270101806	-	each
	PB129 RL Bottom Latch	4270100521	-	each
12	PB133 Hex Bottom Bolt	4270101830	-	each
13	RA9 1490 Top Rod Assembly 7' DR	RODASY.110	-	each
	RA10 EL1490 Top Rod Assembly 7' Dr	4270109078	-	each
14	RA11 1490 Bottom Rod Assembly	RODASY.112	-	each
	RA12 EL1490 Bottom Rod Assembly	4270109077	-	each
15	RA13 1490 Top/Btm Rod Assembly 7' Dr	4270106782	-	each
	RA14 EL1490 Top/Btm Rod Assembly 7' Dr	4270107497	-	each
	RA15 1490 Extension Rod Kit over 7' up to 10' Drs	4270107791	-	each

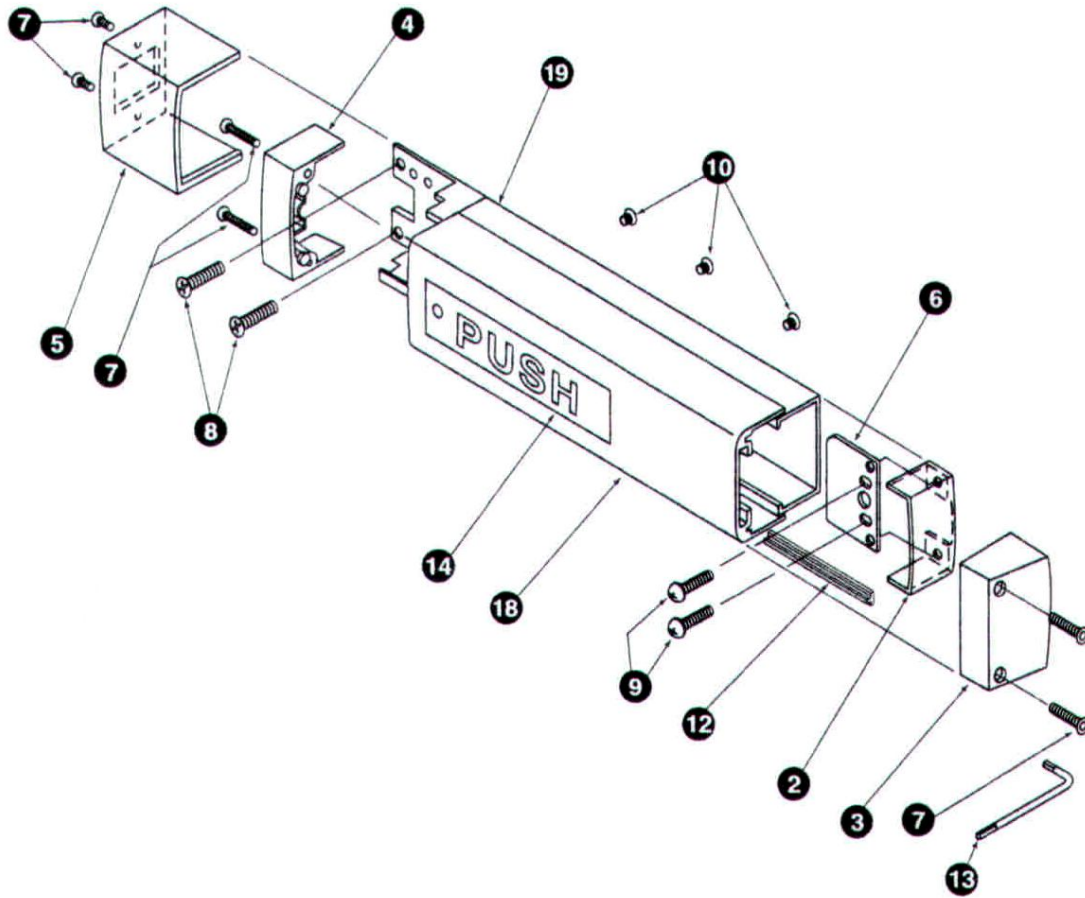


Hold Back



Night Latch





Model No.	Description	Part No.	Finish	Pkg Qty
1	PB17 10-32 1/4" UFPHMS Screw	SCREW.1028	-	10
2	PB200 1490/1590 Pushbar Mounting Bracket	4270106786	-	each
3	PB201 1490/1590 Pushbar End Cap	4270106787	P35	each
4	PB202 1590 Pushbar End Cap	4270106875	P35	each
5	PB203 1590 Center Case Cover P35	4270106863	P35	each
6	PB204 1490/1590 P/Bar Hingeside Mounting Plate	4270106770	-	each
7	● PB205 8-32 1" FH Torx Screw	SCREW.1050	-	10
	PB205 8-18 1.14" FPH TF Typ 25	SCREW.1143	-	10
8	PB206 12-24 1 3/16" UFPHMS Screw (1490)	SCREW.1051	-	10
	PB219 12-24 1" UFPHMS Screw (1590)	SCREW.1066	-	10
9	PB207 12-24 1" PPH W/SEMS EXT TF Screw	SCREW.1053	-	10
10	PB208 8-32 1/4" UFPHMS Screw	SCREW.1012	US32D	10
	PB208 8-32 1/4" UFPHMS Screw	SCREW.1055	BLACK	10
12	PB210 Pushbar Bumper 4' (2 ea. Required)	BUMPER.103	-	each
13	PB211 Short Arm Key	KEY.102	-	10
14	PB212 1490 RHR/1590 LHR Push Label	4270107321	BLACK	each
	PB213 1490 LHR/1590 RHR Push Label	4270107323	BLACK	each
	PB214 1490 RHR/1590 LHR Push Label	4270107320	GOLD	each
	PB215 1490 LHR/1590 RHR Push Label	4270107322	GOLD	each

● For Devices shipped before September, 2004.

PUSH

DOROMATIC

18	PB260	1590 Pushbar 36"	4270107091	US28
		1590 Pushbar 36"	4270107092	DC13
		1590 Pushbar 36"	4270107093	DC35
		1590 Pushbar 36"	4270107712	US3
		1590 Pushbar 36"	4270107716	US4
		1590 Pushbar 36"	4270107713	US10
		1590 Pushbar 36"	4270107718	US10B
		1590 Pushbar 36"	4270107714	US14
		1590 Pushbar 36"	4270107715	US15
18	PB261	1590 Pushbar 48"	4270107095	US28
		1590 Pushbar 48"	4270107096	DC13
		1590 Pushbar 48"	4270107097	DC35
		1590 Pushbar 48"	EXT.255	US3
		1590 Pushbar 48"	EXT.259	US4
		1590 Pushbar 48"	EXT.256	US10
		1590 Pushbar 48"	EXT.261	US10B
		1590 Pushbar 48"	EXT.257	US14
		1590 Pushbar 48"	EXT.258	US15
19	PB270	1490 Channel 36"	4270107034	US28
		1490 Channel 36"	4270107035	DC13
		1490 Channel 36"	4270107036	DC35
19	PB271	1490 Channel 48"	4270107038	US28
		1490 Channel 48"	4270107039	DC13
		1490 Channel 48"	4270107040	DC35
19	PB280	1590 Channel 36"	4270107587	US28
		1590 Channel 36"	4270107588	DC13
		1590 Channel 36"	4270107589	DC35
19	PB281	1590 Channel 48"	4270107591	US28
		1590 Channel 48"	4270107592	DC13
		1590 Channel 48"	4270107593	DC35
20	PBX-23	1490 Lockside End Cap Assembly	ECAP.111	P35
21	PBX-24	1490 Hingeside End Cap Assembly	ECAP.103	P35
	● PBX-25	1490 Mounting Package	PKG.102	US28
	● PBX-25	1490 Mounting Package	PKG.104	DC35
	▲ PBX-26	1590 Mounting Package	PKG.105	-

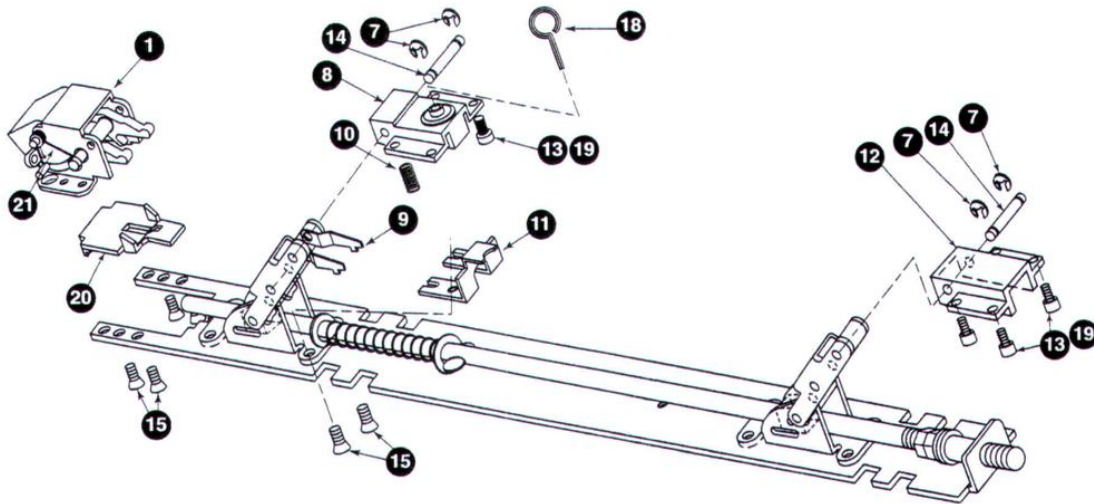
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PUSH



Model No.	Description	Part No.	Finish	Pkg Qty
1	PB124 1590 Latchbolt Assembly	4270107603	-	each
2	PB216 Lift Lever Axle	4270106769	-	each
3	PB217 Lift Lever Washer	WASHER.102	-	10
4	PB218 Retaining Ring .500	RRING.104	-	10
5	PB139 Link	4270106773	-	each
6	PB220 Link Washer	WASHER.103	-	10
7	PB221 Retaining Ring .188	RRING.105	-	10
8	PB222 Dogging Bracket Assembly	4270107046	-	each
9	PB223 Dogging Clip	4270106960	-	each
10	PB224 Compression Spring	4299101020	-	each
11	PB225 Dogging Strike	4270106961	-	each
12	PB226 Clevis	4270106979	-	each
13	PB227 8-32 3/8" PPHMS w/Sems	SCREW.1136	-	10
14	PB228 Clevis Assembly Axle	AXLE.1007	-	10
15	PB229 10-32 3/8" UFPHMS Screw	SCREW.1043	-	10
16	PB230 Lift Lever	4270106745	-	each
17	PB231 Pivot Pin	4270106772	-	each
18	PB232 Hex Dogging Key 5/32"	KEY.10020	-	10
19	PB233 #8 Washer Hi-Collar	WASHER.107	-	10
20	RTR10 1590 Retractor-Sgl Dr 1 3/4"	4270106888	-	each
	RTR11 1590 Retractor-Sgl Dr 2 1/4"	4270107422	-	each
	RTR12 1590 Retractor-Pair w/Mullion 1 3/4" Dr	4270107520	-	each
	RTR13 1590 Retractor-Pair w/Mullion 2 1/4" Dr	4270107521	-	each
	RTR14 1590 RL Retractor 1 3/4" Dr	4270108830	-	each
	RTR15 1590 RL Retractor 2 1/4" Dr	4270108831	-	each
21	PB355 1590 Latchbolt Spring	SPRING.127	-	10



Hold Back



Night Latch



1690 Series Concealed Vertical Rod Touchbar Device

Model	Trim Package
1690	No Outside trim
1691	Pull Only
1692	Cylinder Only
1694	Pull and Cylinder

The Design of the 1690 is ideally suited for demanding, high-traffic applications. The vertical rods and latch mechanisms are concealed in the vertical door stile, ensuring trouble-free operation. The cover plates and end caps are constructed of cast metal to hold up to rigorous use. A quick, single-point dogging feature in the housing deactivates the device and permits unrestricted traffic flow. This locking mechanism is designed to offer more versatility than crossbars, which require two-point dogging.

The Convenience of 1990 Rods/Latches.

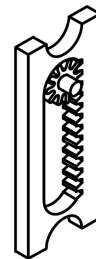
Since 1690 utilizes the same rods and latches as the 1990 crossbar device, existing 1990s can be replaced directly with the 1690 device - without removing the door!

Other Features Include:

- Centercase provides a clear indication of direction of egress and completely covers the existing 1990 prep.
- Metal end caps protect the device from damage caused by passing carts and equipment.
- Available in US28 Clear, DC13 Dark Bronze, DC35 Black, US3, US10, US26 and US26D (centercase and endcap are powder coated black only).
- Vertical rods and latches are identical to the 1990 device and can work with existing panic frames.
- Electric latch retraction and request to exit/touchbar monitor switch options available.
- Electric dogging

Positioning Retractor as Shown for NL or HB Functions.

Install retractor with teeth to right as shown for both RHR and LHR doors; this makes all keys function in the same direction.



Hold back (HB)



Night latch (NL)

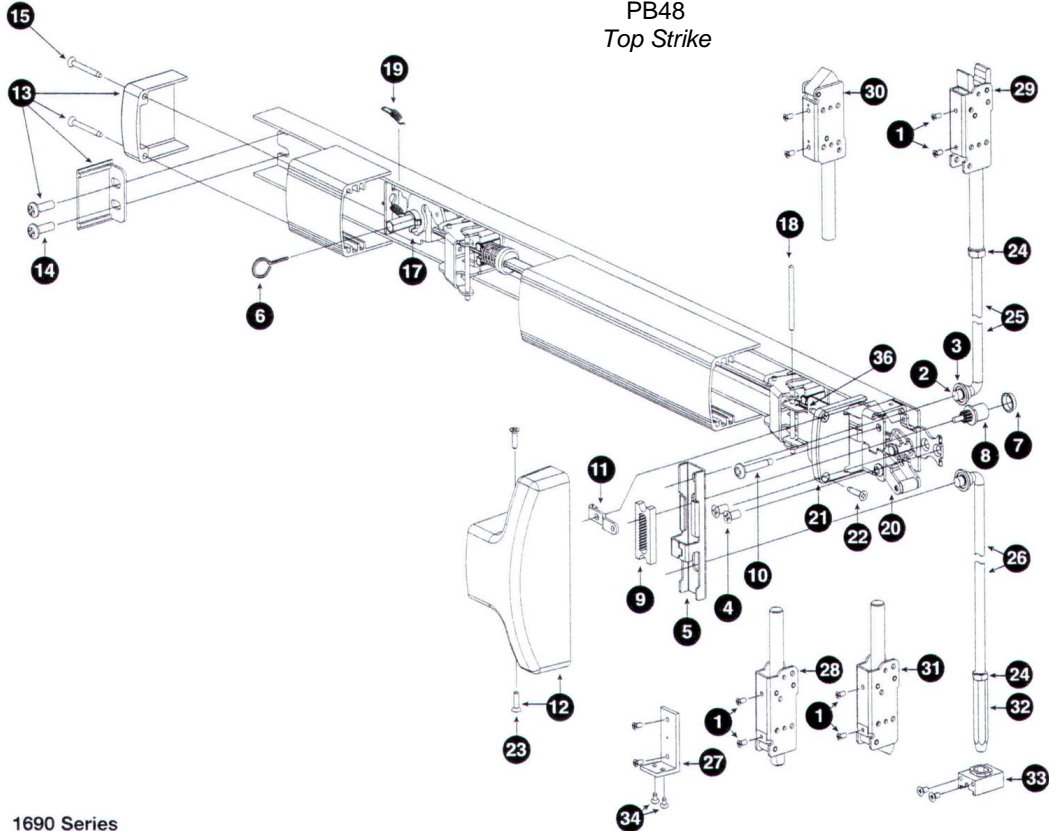
*Need some color??
15 different finishes
to choose from!*

**Finishes**

U.S. Standard	BHMA	Description
US28	628	Anodized Aluminum – Clear
DC13	710	Anodized Aluminum – Dark Bronze
DC35	711	Anodized Aluminum – Black
P28	689	Painted Aluminum – Silver
P13	695	Painted Aluminum – Dark Bronze
P35	622	Painted Aluminum – Black
US3	666	Bright Brass
US4	667	Satin Brass
US9	705	Bright Bronze
US10	668	Satin Bronze
US10B	703	Oxidized Satin Bronze
US14	669	Bright Nickel
US15	670	Satin Nickel
US26	672	Bright Chrome
US26D	702	Satin Chrome



PB48
Top Strike



1690 Series

Model No.	Description	Part No.	Finish	Pkg Qty	
1	PB17	10-32 1/4" UFPHMS	SCREW.1028	US32D	10
	PB17	10-32 1/4" UFPHMS	SCREW.1029	BLACK	10
2	PB3	Bearing Bushing	BUSH.109	-	10
3	PB4	Retaining Ring .250	RRING.109	-	25
4	PB114	Lock Stile Mounting Screw	SCREW.1069	-	10
5	PB127	Lift Bracket	BRKT.138	-	each
6	PB232	Hex Dogging Key 5/32"	KEY.10020	-	10
	PBX-27	Auxiliary Package (part 1-6)	PKG.150	US28	each
	PBX-27	Auxiliary Package (part 1-6)	PKG.151	DC13/DC35	each
7	PB10	Cylinder Bushing	BUSH.102	-	10
8	PB5	Pinion Cam	CAM.102	-	10
	PB140	Pinion Cam	4270100566	-	each
9	PB35	Rod Retractor	RETRACT.101	-	10
10	PB141	Retainer Screw	SCREW.1074	-	10
11	PB312	Pinion Support Bracket	BRKT.133	-	each
12	PB313	Center Case Cover Kit	COVER.113	-	each
13	PB314	Channel/Hinge End Cap Kit	ECAP.130	-	each





14	PB315	1/4-20 1/2" PPHMS Screw	SCREW.1070	-	10
15	★ PB316	#8 1.1/2" FPH TC Typ AB Screw	SCREW.1072	-	10
	PB316	8-18 1.14" FPH TF Typ 25	SCREW.1143	-	10
16	PB317	1/4-20 3/8" Hex Soc Set Screw	SCREW.1067	BLACK	3
	PB317	1/4-20 3/8" Hex Soc Set Screw	SCREW.1068	US28	3
	★ PB353	RX Switch Wire Assembly (not shown)	SWITCH.1006	-	each
	PB301	EL Potted Circuit Breaker (not shown)	110741-00	-	each
	PB300	EL Solenoid 24VDC (not shown)	971687-00	-	each
	PB302	EL Plunger (not shown)	PLUNGER.101	-	each
	PB303	EL Cable Assembly (not shown)	110388-00	-	each
17	PBX-16	Dogging Kit	KIT.1021	US28	each
	PBX-16	Dogging Kit	KIT.1022	DC13/DC35	each
18	PB322	Push Bar Pin	PIN.128	-	10
19	PB323	Dogging Spring	971493-89	-	each
20	PB338	Actuator Arm Bracket Assy	BRKTASY.107	-	each
21	PB318	Lock Stile Push Bar End Cap	ECAP.129	P35	each
22	★ PB345	8-3/4" FPHSMS	SCREW.1077	BLACK	10
	PB345	8-18 .3/4" FPH TF Typ 25	SCREW.1141	-	10
23	PB324	8-5/8" FPHSMS	SCREW.1025	BLACK	10
24	PB23	Rod Jam Nut	NUJ.101	-	10
25	■ PB24	SU/PL/ES/RL Rod	4270100017	-	each
	PB24	SU/PL/ES/RL Rod-1/4" Insulclad 7'	4270102427	-	each
	PB24	SU/PL/ES/RL Rod-1/4" Insulclad 8'	4270102426	-	each
		SU Rod 8' Door	4270100018	-	each
		SU Ext Rod Kit Up to 9' Dr (not shown)	4270100172	-	each
		SU Ext Rod Kit Up to 10' Dr (not shown)	4270100197	-	each
26	PB25	Hex Bottom Rod	4270101825	-	each
27	PB54	Latch Mtg Bracket Kit-HMD	BRKTASY.101	-	each
28	● PB129	RL Bottom Latch	4270100521	-	each
29	● PB130	SU Top Latch	4270101806	-	each
30	● PB131	ES Top Latch	4270100346	-	each
31	● PB132	PL Bottom Latch	4270101482	-	each
32	PB352	Hex Bottom Bolt Beveled	BOLT.1004	-	each
33	PB134	Hex Rod Guide Assembly	4270107176	US32D	each
	PB134	Hex Rod Guide Assembly	4270107178	P35	each
34	SR33	10-32 3/8" FPHMS	SCREW.1037	-	25
	● RA1	SU Top Rod Assembly 7' Dr	4270106632	-	each
	● RA2	SU Top Rod Assembly 8' Dr	4270106633	-	each
	● RA3	SU Top Rod Assembly 9' Dr	4270101818	-	each
	● RA4	SU Top Rod Assembly 10' Dr	4270101819	-	each
	● RA5	ES Top Rod Assembly 7' Dr	4270101873	-	each
	● RA6	RL Bottom Rod Assembly	4270100522	-	each
	RA17	Hex Bottom Rod Assembly	RODASY.1075	-	each
	● RA8	PL Bottom Rod Assembly	4270100266	-	each
35	CA6	1690NL Cylinder Assembly (Parts 7-10)	CYLASY.1083	-	each
36	PB321	Pushbar Anchor Bracket	BRKT.128	-	each

1790 SERIES

1790 Series Rim Latch Touchbar Device

The Dor-O-Matic 1990 and 2090 have been the best-selling exit devices for aluminum doors for years. Now, Dor-O-Matic is pleased to announce the new standard for aluminum door exit devices, the 1690 and 1790. These new exit devices continue Dor-O-Matic's commitment to quality and long-lasting performance, with the sleek, modern touchbar design. The 1690 and 1790 come in seven popular finishes, four lengths (30", 36", 42" and 48") and features a full compliment of electrical options.

Security & Safety.

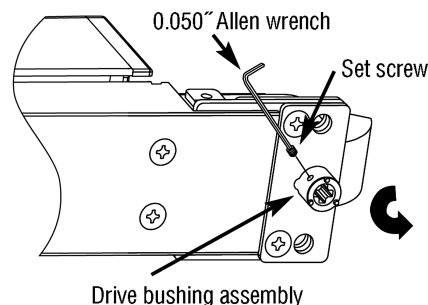
The 1790 panic device carries the Underwriters Laboratory (UL) label and are approved for life safety. In addition, these exit devices meet the requirements of ANSI Grade I, 2001 revisions. Each feature an upgraded design that offers increased building security, eliminating the possibility of tampering and forced entry through the use of coat hangers or other tools. And the new streamlined design has no openings for chains — reducing the risk of code infringements.

The 1790 rim device is typically used in applications where maintenance is a concern. The rim device has fewer parts and pieces than current exit devices which requires less maintenance and adjustment. The 1690/1790 pushbar width is 21/2". The devices project 3" in the neutral position, and 21/4" in the depressed/dogged position.

Change Key Function to Hold Back (HB), If Necessary.

Note: Device is set at factory for night latch (NL) function. To convert to HB, perform Steps 1 - 3.

1. Remove the set screw from the drive bushing assembly using 0.050".
2. Rotate internal drive bushing counterclockwise until it stops against the internal stop.
3. Maintain position of drive bushing and continue.

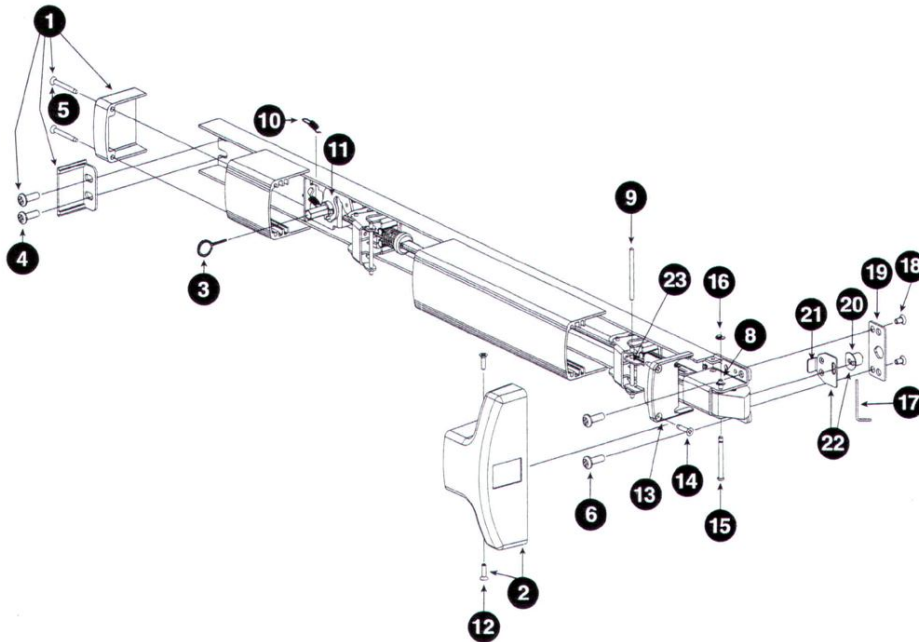


179L Trim

Model	Trim Package
1790	No Outside trim
1791	Pull Only
1792	Cylinder Only
1794	Pull and Cylinder
179L	Control Trim

Other Features Include:

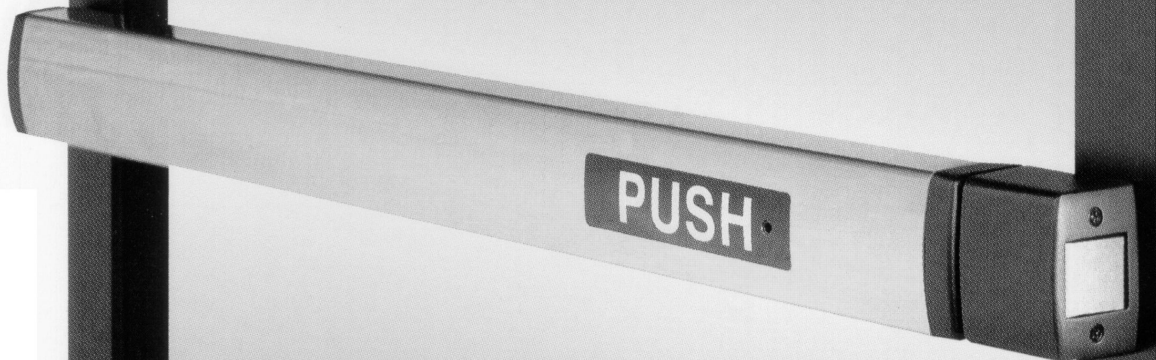
- Centercase provides a clear indication of direction of egress and completely covers the existing 1990 or 2090 prep.
- Metal end caps protect the device from damage caused by passing carts and equipment.
- Available in US28 Clear, DC13 Dark Bronze, DC35 Black, US3, US10, US26 and US26D (centercase and endcap are powder coated black only).
- Electric latch retraction and request to exit/touchbar monitor switch options available.
- Electric dogging



Model No.	Description	Part No.	Finish	Pkg Qty
1	PB314 Channel/Hingeside End Cap Kit	ECAP.130	-	each
2	PB329 Center Case Cover Kit	COVER.120	-	each
3	PB232 Hex Dogging Key 5/32"	KEY.10020	-	10
4	PB315 1/4-20 1/2" PPHMS Screw	SCREW.1070	-	10
5	■ PB316 #8 1.1/2" FPH TC Typ AB Screw	SCREW.1072	-	10
	PB316 8-18 1.1/4" FPH TF Typ 25	SCREW.1143	-	10
6	PB330 1/4-20 3/4" PPHMS Screw	SCREW.1075	-	10
7	PBX-18 Auxiliary Package	PKG.133	-	each
8	PB325 Latch Assembly	L BOLT.1005	-	each
★	PB353 RX Switch Wire Assembly (not shown)	SWITCH.1006	-	each
	PB301 EL Potted Circuit Breaker (not shown)	110741-00	-	each
	PB300 EL Solenoid 24VDC (not shown)	971687-00	-	each
	PB302 EL Plunger (not shown)	PLUNGER.101	-	each
	PB303 EL Cable Assembly (not shown)	110388-00	-	each
9	PB322 Pushbar Pin	PIN.128	-	10
10	PB323 Dogging Spring	971493-89	-	each
11	PBX-16 Dogging Kit	KIT.1021	US28	each
	PBX-16 Dogging Kit	KIT.1022	DC13/DC35	each
12	PB324 8 x 5/8 FPHTC Typ 25	SCREW.1025	-	10
13	PB318 Lock Stile End Cap	ECAP.129	DC35	each
14	■ PB345 8-3/4" FPHSMS	SCREW.1077	BLACK	10
	PB345 8-18 .3/4" FPH TF Typ 25	SCREW.1141	-	10
15	PB320 Latch Pin	969467-89	-	each
16	PB328 Retaining Ring	RRING.112	-	10
17	PB331 Short Arm Allen Wrench	4270109548	-	each
18	★ PB327 10-16 3.8" UFPHMS	SCREW.1091	-	10
	PB327 10-32 3/8" UFPH MS	SCREW.1150	-	10
19	PB326 1790 Channel Spacer	SPACER.107	-	each
20	PB319 Drive Bushing	CAMASY.101	-	each
21	PB344 Slider	SLIDER.101	-	each
22	CA-7 1790 NL/HB Cylinder Assembly	CYLASY.1151	-	each
23	PB321 Pushbar Anchor Bracket	BRKT.128	-	each



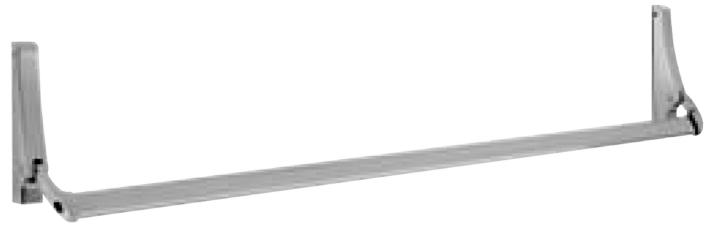
DOR-O-MATIC®



GSDC *INC.COM*
Gulf States Door Control

1990 Series Concealed Vertical Rod Crossbar Device

Model	Trim Package
1990	No Outside trim
1991	Pull Only (9970)
1992	Cylinder Only
1993	Pull and Cylinder

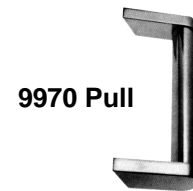


The 1990's classic look and a long history of reliable performance has made the 1990 the #1 selling exit device for aluminum doors. This ANSI Grade 1 device features hardened steel latches and is compatible with stiles as narrow as 1 3/4".

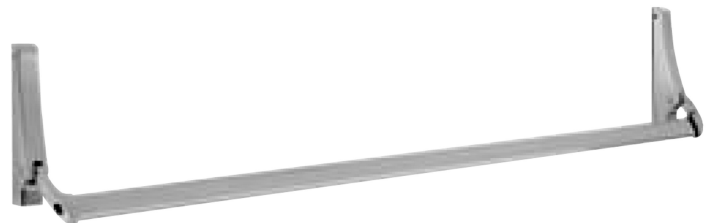
The 1990 device is equipped with hardened steel latches and an adjustable strike to ensure safety, security and quiet operation.

Other Features Include:

- Concealed mounting screws
- Hex dogging
- Field adjustable width
- U.L. Listed 305
- Available in a full range of painted and architectural finishes
- Field reversible (non-handed)

**9970 Pull****2090 Series Rim Latch Crossbar Device**

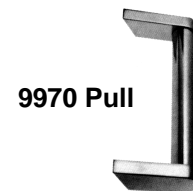
Model	Trim Package
1990	No Outside trim
1991	Pull Only (9970)
1992	Cylinder Only
1993	Pull and Cylinder

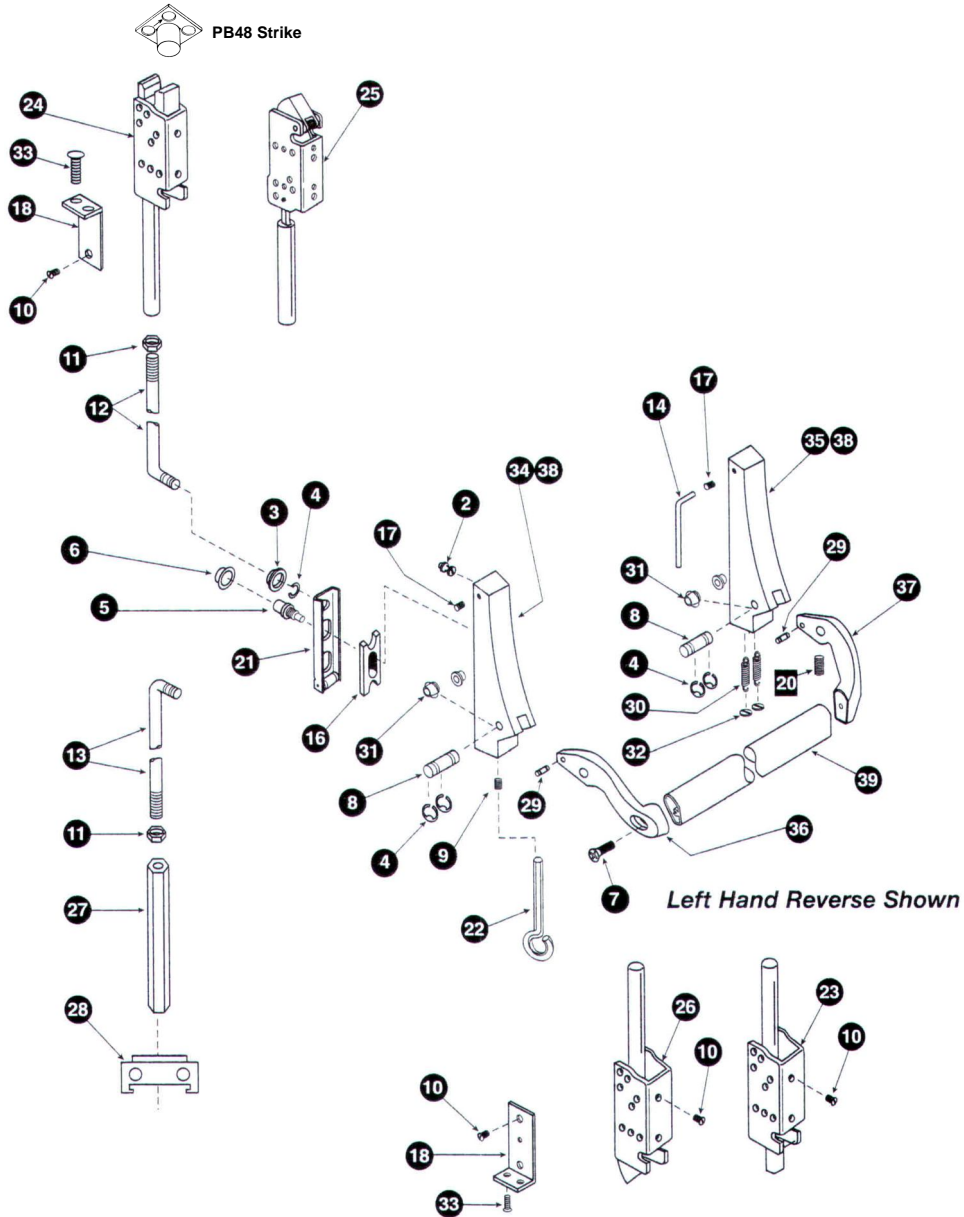


The 2090's balanced appearance, dependable performance, and economical pricing has made it a popular choice where rim exit devices are required. Equipped with a 1/2" throw steel latchbolt, the 2090 can be mounted on stiles as narrow as 1 3/4". Removable mullions are available for pairs of doors applications. The 2090 is an ANSI Grade 1 device.

Other Features Include:

- Surface mounted strikes for full frame or blade type stops
- Field adjustable width
- U.L. Listed 305
- Available in a full range of painted and architectural finishes

**9970 Pull**





34 End Case Assy LH

(Includes part numbers: 4, 8, 9, 17, 29, 31, 32, 36, 38)

LH = Lock Stile assembly for LHR Device or Hinge Stile assembly for RHR Device

DCX-2	4270902776	P28
DCX-2	4270902778	P13
DCX-2	4270902779	P35
PBX-1	CASE.210	US3
PBX-1	CASE.214	US4
PBX-1	CASE.216	US10
PBX-1	CASE.218	US10B
PBX-1	CASE.223	US26D
PBX-1	CASE.221	US26
PBX-1	CASE.233	US15
PBX-1	CASE.231	US14

35 End Case Assy RH

(Includes part numbers: 4, 8, 9, 17, 29, 31, 32, 37, 38)

RH = Lock Stile assembly for RHR Device or Hinge Stile assembly for LHR Device

DCX-2	4270902782	P28
DCX-2	4270902784	P13
DCX-2	4270902785	P35
PBX-1	CASE.209	US3
PBX-1	CASE.213	US4
PBX-1	CASE.215	US10
PBX-1	CASE.217	US10B
PBX-1	CASE.222	US26D
PBX-1	CASE.220	US26
PBX-1	CASE.232	US15
PBX-1	CASE.230	US14

36 Lever Arm LH

LH = Lock Stile Lever Arm for LHR Device or Hinge Stile Lever Arm for RHR Device

DC15	4270902799	P28
DC15	4270902802	P13
DC15	4270902803	P35
SD15*	LARM.173	US3
SD15*	LARM.174	US4
SD15*	LARM.175	US10
SD15*	LARM.176	US10B
SD15*	LARM.180	US26D
SD15*	LARM.179	US26
SD15*	LARM.178	US15
SD15*	LARM.177	US14

37 Lever Arm RH

RH = Lock Stile Lever Arm for RHR Device or Hinge Stile Lever Arm for LHR Device

DC40	4270902805	P28
DC40	4270902808	P13
DC40	4270902809	P35
SD40*	LARM.181	US3
SD40*	LARM.182	US4
SD40*	LARM.183	US10
SD40*	LARM.184	US10B
SD40*	LARM.188	US26D
SD40*	LARM.187	US26
SD40*	LARM.186	US15
SD40*	LARM.185	US14

38 Housing Assembly

(Includes housing, retainer spring, retainer, dog screw and mounting screws)

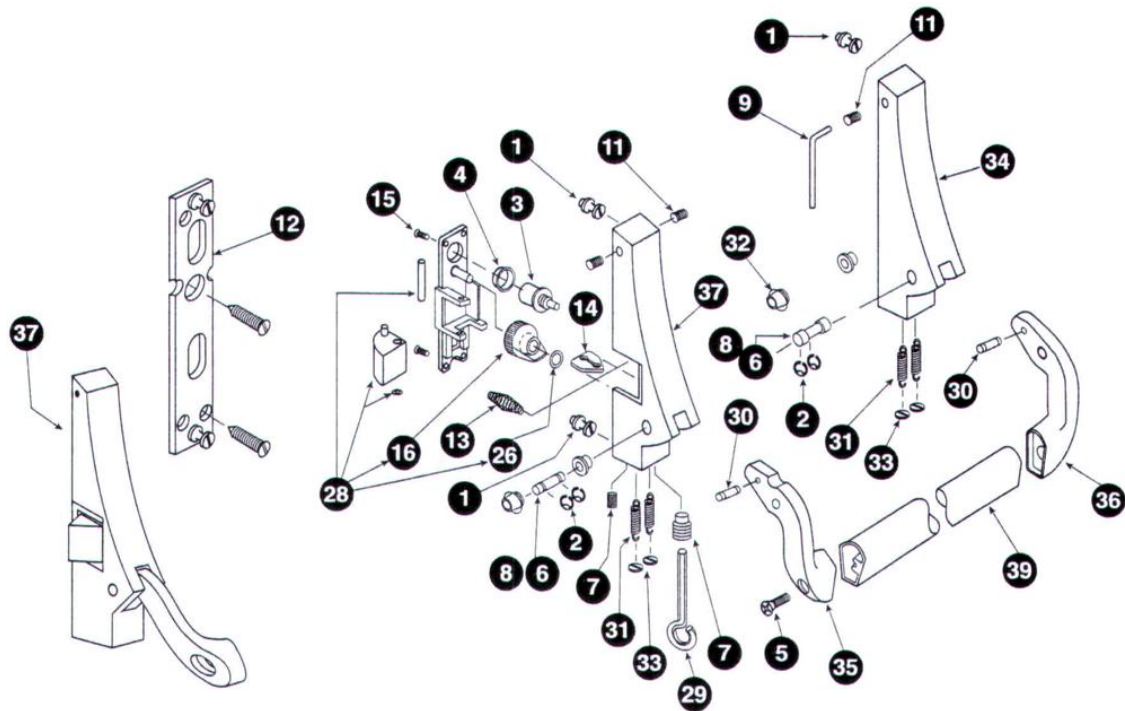
DC1	4270902787	P28
DC1	4270902789	P13
DC1	4270902790	P35
SD1*	HOUSING.218	US3
SD1*	HOUSING.225	US4
SD1*	HOUSING.226	US10
SD1*	HOUSING.229	US10B
SD1*	HOUSING.231	US26D
SD1*	HOUSING.230	US26
SD1*	HOUSING.238	US15
SD1*	HOUSING.237	US14

39 Crossbar 41"

PB39	4270900091	US28
PB39	4270900094	DC13
PB39	4270900095	DC35
PB39	CBAR.102	US3
PB39	CBAR.132	US4
PB39	4270900097	US10
PB39	4270900098	US10B
PB39	CBAR.209	US15
PB39	CBAR.208	US14

Model No.	Description	Part No.	Finish	Pkg Qty
2	PB2 Case Mounting Stud	STUD.101	-	10
3	PB3 Bearing Bushing	BUSH.109	-	10
4	PB4 Retaining Ring .250	RRING.109	-	25
5	PB5 Pinion Cam	CAM.102	-	10
	PB140 Pinion Cam	4270100566	-	each
6	PB10 Cylinder Bushing	BUSH.102	-	10
7	PB12 1/4-20 1" FPHTC Typ 23	SCREW.1027	US32D	10
	PB12 1/4-20 1" FPHTC Typ 23	SCREW.1015	BLACK	10
8	PB13 990 Axle Pin	PIN.106	US32D	10
	PB13 990 Axle Pin	PIN.114	BRS	10
	PB15 1990 Axle Pin	PIN.115	-	10
9	PB14 Dog Screw	SCREW.1022	-	25
10	PB17 10-32 1/4" UFPHMS	SCREW.1028	US32D	10
	PB17 10-32 1/4" UFPHMS	SCREW.1029	BLACK	10
11	PB23 Rod Jam Nut	NUT.101	-	10
12	■ PB24 SU/PL/ES/RL Rod	4270100017	-	each
	SU/PL/ES/RL Rod-1/4" Insulclad 7'	4270102427	-	each
	SU/PL/ES/RL Rod-1/4" Insulclad 8'	4270102426	-	each
13	PB25 Hex Bottom Rod	4270101825	-	each
14	PB30 Allen Wrench	WRENCH.101	-	10
16	PB35 Rod Retractor	RETRACT.101	-	10
17	PB38 1/4-20 3/8" Hex Soc Set	SCREW.1030	US32D	25
	PB38 1/4-20 3/8" Hex Soc Set	SCREW.1039	BLACK	25
18	PB54 Latch Mtg Bracket Kit-HMD	BRKTASY.101	-	each
21	PB88 Lift Bracket Assembly	4270100013	-	each
22	PB99 Hex Dogging Key	KEY.101	-	10
23	● PB129 RL Bottom Latch	4270100521	-	each
24	● PB130 SU Top Latch	4270101806	-	each
25	● PB131 ES Top Latch	4270100346	-	each
26	● PB132 PL Bottom Latch	4270101482	-	each
27	PB133 Hex Bottom Bolt	4270101830	-	each
28	PB134 Hex Rod Guide Assembly	4270107176	US32D	each
	PB134 Hex Rod Guide Assembly	4270107178	P35	each
	▲ RD9 Old Style Tension Spring	SPRING.102	-	10
29	RD10 Spring Pin	PIN.104	-	10
30	SD9 Tension Spring	SPRING.103	-	10
31	SD43 Axle Bushing	BUSH.103	-	25
32	SD45 Spring Retainer	RETAIN.102	-	25
33	SR33 10-32 3/8" FPHMS	SCREW.1037	-	25
	● RA1 SU Top Rod Assembly 7' Dr	4270106632	-	each
	● RA2 SU Top Rod Assembly 8' Dr	4270106633	-	each
	● RA3 SU Top Rod Assembly 9' Dr	4270101818	-	each
	● RA4 SU Top Rod Assembly 10' Dr	4270101819	-	each
	● RA5 ES Top Rod Assembly 7' Dr	4270101873	-	each
	● RA6 RL Bottom Rod Assembly	4270100522	-	each
	● RA7 Hex Bottom Rod Assembly	4270101831	-	each
	● RA8 PL Bottom Rod Assembly	4270100266	-	each
	SU Rod 8' Door	4270100018	-	each
	SU Ext Rod Kit Up to 9' Dr (not shown)	4270100172	-	each
	SU Ext Rod Kit Up to 10' Dr (not shown)	4270100197	-	each





Model No.	Description	Part No.	Finish	Pkg Qty
1	PB2 Case Mounting Stud	STUD.101	-	10
2	PB53 Retaining Ring .250	RRING.103	-	10
3	PB5 Pinion Cam	CAM.102	-	10
	PB140 Pinion Cam	4270100566	-	each
4	PB10 Cylinder Bushing	BUSH.102	-	10
5	PB12 1/4-20 1" FPHTC Typ 23	SCREW.1027	US32D	10
	PB12 1/4-20 1" FPHTC Typ 23	SCREW.1015	BLACK	10
6	PB13 1090 Axle Pin	PIN.106	SS	10
	PB13 1090 Axle Pin	PIN.114	BRS	10
	PB15 2090 Axle Pin	PIN.115	US32D	10
7	PB14 Dog Screw	SCREW.1022	-	25
9	PB30 Allen Wrench	WRENCH.101	-	10
11	PB38 1/4-20 3/8" Hex Soc Set Screw	SCREW.1030	US32D	25
	PB38 1/4-20 3/8" Hex Soc Set Screw	SCREW.1039	BLACK	25
12	PB42 Assembly Plate Assembly	4270100304	-	2
13	PB61 Latch Spring	SPRING.104	-	10
14	PB62 Latch Link	4270101840	-	each
15	PB63 4-40 3/8" FL Posi-Drive Screw	SCREW.1031	-	10
16	PB64 Latchbolt Retractor	RETRACT.102	-	10
26	PB81 Retaining Ring .240	RRING.102	-	10
28	PB89 2090 Backplate Assembly LHR	4270902968	-	each
	PB89 2090 Backplate Assembly RHR	4270902974	-	each
29	PB99 Hex Dogging Key	KEY.101	-	10
30	RD10 Spring Pin	PIN.104	-	10
31	▲ RD9 Old Style Tension Spring	SPRING.102	-	10
	SD9 Tension Spring	SPRING.103	-	10
	SD43 Axle Bushing	BUSH.103	-	25
33	SD45 Spring Retainer	RETAIN.102	-	25



34 End Case Assy LH
(Includes part numbers: 2, 6, 7, 11, 25, 31, 32, 33, 35, 37)

LH = Hinge Stile assembly for RHR Device		
DCX-2	4270902776	P28
DCX-2	4270902778	P13
DCX-2	4270902779	P35
PBX-1	CASE.210	US3
PBX-1	CASE.214	US4
PBX-1	CASE.216	US10
PBX-1	CASE.218	US10B
PBX-1	CASE.223	US26D
PBX-1	CASE.221	US26
PBX-1	CASE.233	US15
PBX-1	CASE.231	US14

34 End Case Assy RH
(Includes part numbers: 2, 6, 7, 11, 25, 31, 32, 33, 34, 36)

RH = Hinge Stile assembly for LHR Device		
DCX-2	4270902782	P28
DCX-2	4270902784	P13
DCX-2	4270902785	P35
PBX-1	CASE.209	US3
PBX-1	CASE.213	US4
PBX-1	CASE.215	US10
PBX-1	CASE.217	US10B
PBX-1	CASE.222	US26D
PBX-1	CASE.220	US26
PBX-1	CASE.232	US15
PBX-1	CASE.230	US14

35 Lever Arm LH - Active

LH = Lock Stile Lever Arm for LHR Device		
DC16	4270902763	P28
DC16	4270902766	P13
DC16	4270902767	P35
SD16*	LARM.209	US3
SD16*	LARM.210	US4
SD16*	LARM.211	US10
SD16*	LARM.212	US10B
SD16*	LARM.216	US26D
SD16*	LARM.215	US26
SD16*	LARM.214	US15
SD16*	LARM.213	US14

35 Lever Arm RH - Active

RH = Lock Stile Lever Arm for RHR Device		
DC41	4270902769	P28
DC41	4270902772	P13
DC41	4270902773	P35
SD41*	LARM.189	US3
SD41*	LARM.197	US4
SD41*	LARM.199	US10
SD41*	LARM.201	US10B
SD41*	LARM.205	US26D
SD41*	LARM.203	US26
SD41*	LARM.208	US15
SD41*	LARM.207	US14

36 Lever Arm LH - End Case

LH = Hinge Stile Lever Arm for RHR Device		
DC15	4270902799	P28
DC15	4270902802	P13
DC15	4270902803	P35
SD15*	LARM.173	US3
SD15*	LARM.174	US4
SD15*	LARM.175	US10
SD15*	LARM.176	US10B
SD15*	LARM.180	US26D
SD15*	LARM.179	US26
SD15*	LARM.178	US15
SD15*	LARM.177	US14

36 Lever Arm RH - End Case

RH = Hinge Stile Lever Arm for LHR Device		
DC40	4270902805	P28
DC40	4270902808	P13
DC40	4270902809	P35
SD40*	LARM.181	US3
SD40*	LARM.182	US4
SD40*	LARM.183	US10
SD40*	LARM.184	US10B
SD40*	LARM.188	US26D
SD40*	LARM.187	US26
SD40*	LARM.186	US15
SD40*	LARM.185	US14

37 Active Housing Assembly LH
(Includes part numbers: 3, 4, 14, 15, 28, 34)

LH = Lock Stile assembly for LHR Device		
DCX-1	4270902740	P28
DCX-1	4270902742	P13
DCX-1	4270902743	P35
RDX-1	CASE.236	US3
RDX-1	CASE.237	US4
RDX-1	CASE.238	US10
RDX-1	CASE.239	US10B
RDX-1	CASE.243	US26D
RDX-1	CASE.242	US26
RDX-1	CASE.241	US15
RDX-1	CASE.240	US14

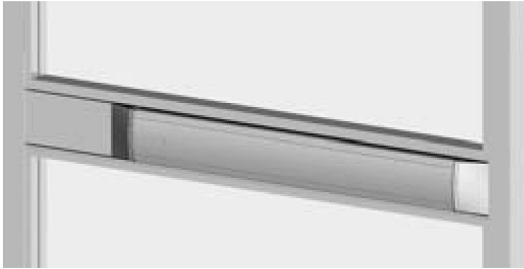
37 Active Housing Assembly RH
(Includes part numbers: 3, 4, 14, 15, 28, 34)

RH = Lock Stile assembly for RHR Device		
DCX-1	4270902746	P28
DCX-1	4270902748	P13
DCX-1	4270902749	P35
RDX-1	CASE.211	US3
RDX-1	CASE.224	US4
RDX-1	CASE.225	US10
RDX-1	CASE.226	US10B
RDX-1	CASE.229	US26D
RDX-1	CASE.228	US26
RDX-1	CASE.235	US15
RDX-1	CASE.234	US14

39 Crossbar 41"

PB39	4270900091	US28
PB39	4270900094	DC13
PB39	4270900095	DC35
PB39	CBAR.102	US3
PB39	CBAR.132	US4
PB39	4270900097	US10
PB39	4270900098	US10B
PB39	CBAR.209	US15
PB39	CBAR.208	US14

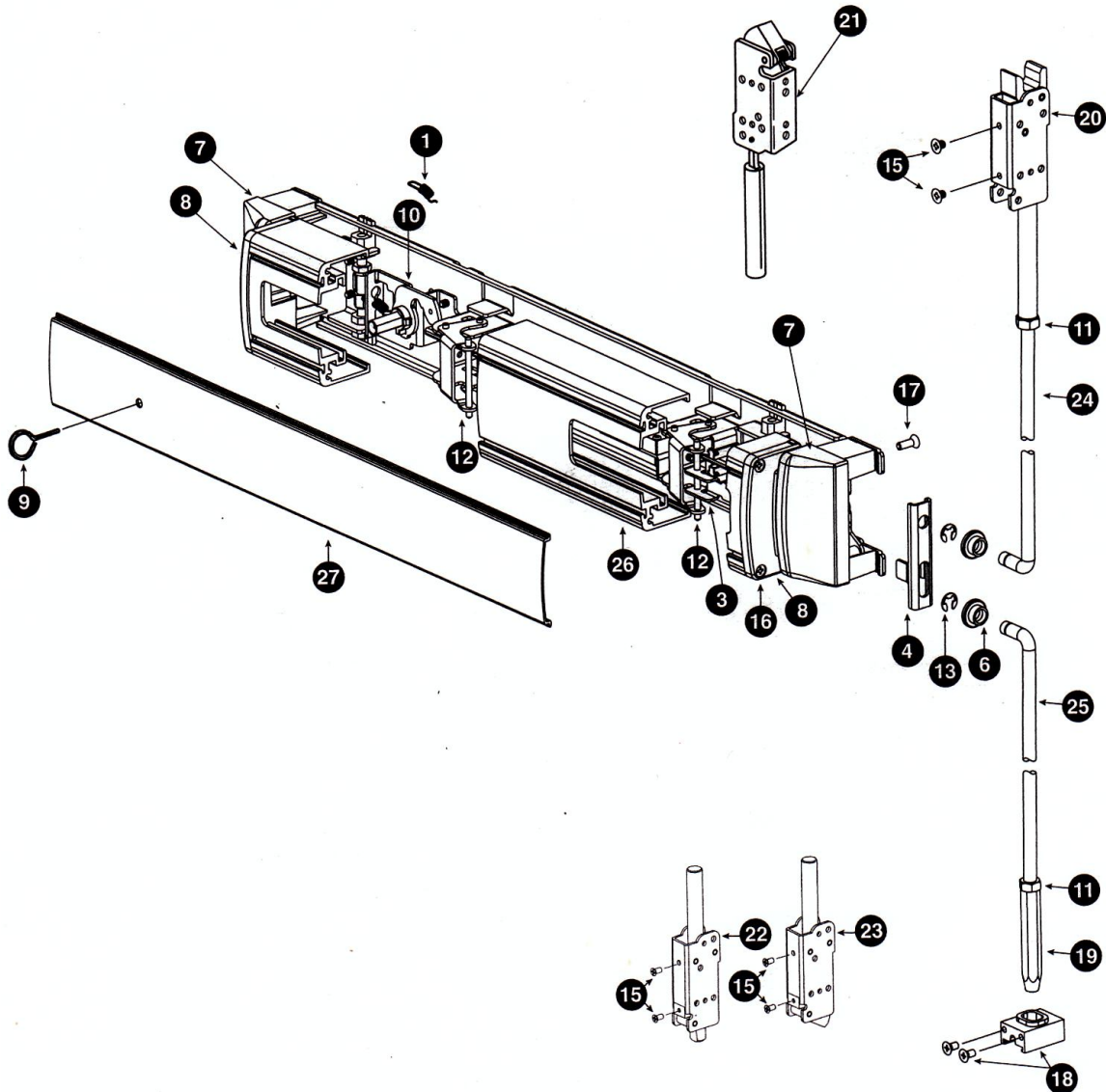
2390 Series Recessed Concealed Vertical Rod Device



The 2390 offers several features which represent significant improvements over the previous 1390 device, including sloped metal end caps, and sound dampening for both the in-stroke and out-stroke. The 2390 also offers several popular options that were not available with the 1390, including the hold back feature, electric latch retraction, request to exit switch (touchbar monitor), and field-reversible handing. The 2390 also offers improvements from an installation standpoint, as well as significantly easier rod adjustment. The 2390 carries a Grade 1 exit device listing, fulfilling the more demanding requirements of the 2001 revisions A.N.S.I. 156.3. The 2390 is available in US28, DC13 and DC35 finishes.

Features include:

- Electric latch retraction and request to exit options available
- Night Latch/ Hold Back Kits available





Model No.	Description	Part No.	Finish	Pkg Qty
1	PB323 Dogging Spring	971493-76	-	each
2	PB334 Lift Lever Axle	AXLE.1006	-	each
3	PB335 Pushbar Anchor Bracket	BRKT.137	-	each
4	PB336 Lift Bracket	BRKT.143	-	each
5	PB338 Actuator Arm Bracket Assembly	BRKTASY.107	-	each
6	PB3 Bearing Bushing	BUSH.109	-	10
7	PB341 Fixed Cover	COVER.127	-	each
8	PB342 Moving Pushbar End Cap	ECAP.143	-	each
9	PB232 Hex Dogging Key 5/32"	KEY.10020	-	10
10	PBX-16 Dogging Kit	KIT.1197	US28	each
	PBX-16 Dogging Kit	KIT.1197	DC13/DC35	each
11	PB23 Rod Jam Nut	NUT.101	-	10
12	PB322 Pushbar Pin	PIN.128	-	10
	PBX-28 Mounting Package (parts 4,6,9,13,15)	PKG.134	US32D	each
	PBX-28 Mounting Package (parts 4,6,9,13,15)	PKG.135	DC35	each
13	PB4 Retaining Ring .250	RRING.109	-	25
15	PB17 10-32 1/4" UFPHMS	SCREW.1028	US32D	10
	PB17 10-32 1/4" UFPHMS	SCREW.1029	BLACK	10
16	★ PB345 #8 3/4" FPH TF AB Screw	SCREW.1077	-	10
	PB345 8-18 .3/4" FPH TF Typ 25	SCREW.1141	-	10
17	PB350 12-14 1/2" UFPH MS Typ 25 Screw	SCREW.1088	-	10
	RA16 Extension Rod Kit (not shown)	EXTROD.1001	-	each
18	PB134 Hex Rod Guide Assembly	4270107176	US32D	each
	PB134 Hex Rod Guide Assembly	4270107178	P35	each
19	PB352 Hex Bottom Bolt-Beveled	BOLT.1004	-	each
20	PB130 SU Top Latch	4270101806	-	each
21	PB131 ES Top Latch	4270100346	-	each
22	PB129 RL Bottom Latch	4270100521	-	each
23	PB132 PL Bottom Latch	4270101482	-	each
	* PB353 RX Switch Wire Assembly (not shown)	SWITCH.1006	-	each
	PB303 EL Cable Assembly (not shown)	110388-00	-	each
	PB301 EL Potted Circuit Breaker (not shown)	110741-00	-	each
	PB300 EL Solenoid 24VDC (not shown)	971687-00	-	each
	PB302 EL Plunger (not shown)	PLUNGER.101	-	each
24	PB357 Top Rod 34.00", CL=42.5,DH=83 3/16	ROD.1043	-	each
	PB358 Top Rod 35.500", CL=41.25,DH=83 3/16	4270103324	-	each
	PB359 Top Rod 39.000", CL=37.875,DH=83 3/16	ROD.1082	-	each
	PB360 Top Rod 36.500", CL=40,DH=83 3/16	ROD.1036	-	each
	PB357 Top Rod 35.500", CL=41.25,DH=83 1/4	4270103324	-	each
25	PB361 Bottom Rod 40.000", CL=42 1/2	ROD.1080	-	each
	PB362 Bottom Rod 38.500", CL=41 1/4	ROD.1044	-	each
	PB24 Bottom Rod 35.125", CL=37 7/8	4270100017	-	each
	PB363 Bottom Rod 37.500", CL=40	ROD.1011	-	each
	PB365 2390 LBR Kit	KIT.1128	-	each

REFERENCE NOTES:

* RX Switch Kit valid for Field Install RX option on devices shipped after June, 2002

★ For Devices shipped before September, 2004.

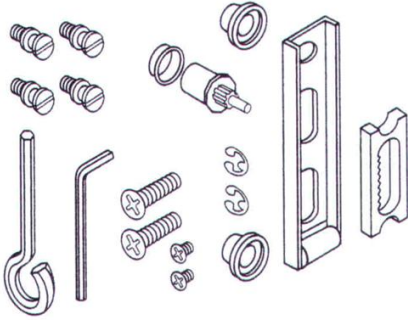


Call (800) 266-4950 Fax (800) 940-3667

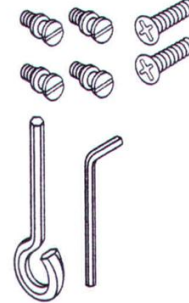
Check us out online @ www.gsdcinc.com

Crossbar Devices

990 and 1990 Auxiliary Pkg.



1090 and 2090 Auxiliary Pkg.



PBX-2

Part No.	4270902091	US32D
	4270902095	DC35

RDX-2

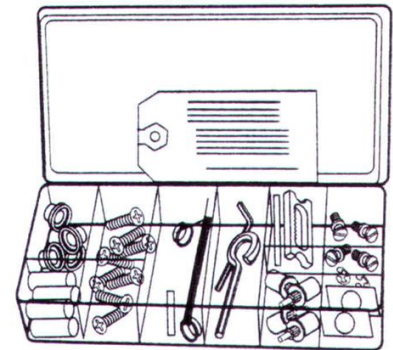
Part No.	4270902121	US32D
	4270902125	DC35

Panic Device Repair Kit

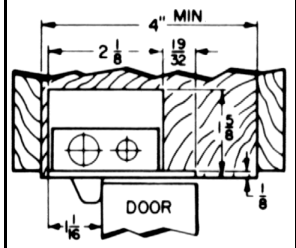
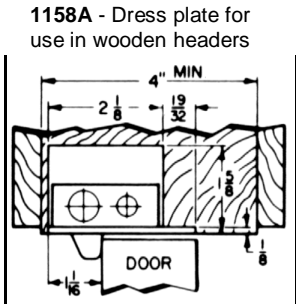
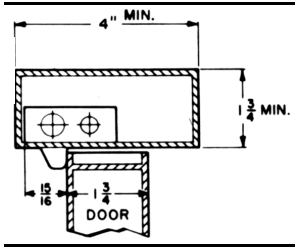
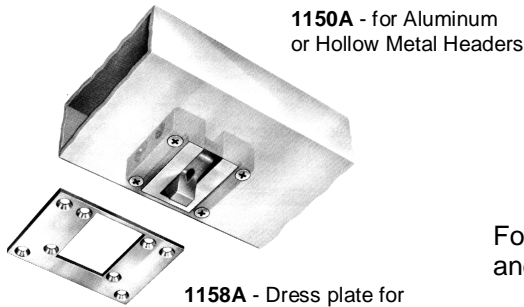
Part No.	4270100583	PB20
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Kit Includes:

	Part Number	Description	Replacement Pkg.	
12	RING.108	Retaining Rings	RRING.109	(pkg/25)
6	4270100130	1/4-20 x 3/8 Set Screws	SCREW.1030	(pkg/25)
4	4270100155	10-24 x 1/4 Set Screws	EACH	
6	BUSH.108	Bearing Bushing	BUSH.109	(pkg/10)
4	4270100149	Axle Pins	PIN.114	(pkg/10)
8	4270101753	Tension Springs	SPRING.103	(pkg/10)
2	4270100153	Dogging Screws	SCREW.1022	(pkg/25)
10	4270100108	10-32 x 1/4 UFPH MS	SCREW.1028	(pkg/10)
6	4299100213	1/4-20 x 1" FPH MS	SCREW.1027	(pkg/10)
3	4270100152	Spring Pins	PIN.104	(pkg/10)
1	4270100116	Dogging Key	KEY.101	(pkg/10)
1	4270100218	1/8" Allen Wrench	WRENCH.101	(pkg/10)
3	4270100110	Retractor	RETRACT.101	(pkg/10)
4	4270100566	Pinion Cams	CAM.102	(pkg/10)
8	4230100017	Center Case Mounting Studs	STUD.101	(pkg/10)
12	4299100961	8-32 x 1/2" UFPH TC Screws	SCREW.1032	(pkg/25)
8	4270100151	Tension Springs	SPRING.102	(pkg/10)
6	4270101778	Axle Bushings	BUSH.103	(pkg/25)
3	4270108348	PB48 Strike US32D	EACH	
3	4270106026	PB48 Strike Shims	SHIM.112	(pkg/10)
4	4270100663	Cylinder Bushings	BUSH.102	(pkg/10)
1	4270100013	Lift Bracket Assy	EACH	
4	4270106997	Axle Pins	PIN.115	(pkg/10)
2	4270100026	3/16 x 13/16 Roll Pins	PIN.109	(pkg/10)
2	4270100075	3/16 x 9/16 Roll Pins	PIN.110	(pkg/10)
1	4270100299	Dogging Key Tag	EACH	
12	4299100997	Retaining Rings	RRING.103	(pkg/25)
1	4270100582	Maintenance Kit Box	EACH	



**Parts Kit For Easy Servicing
Of 990 and 1990 Devices**

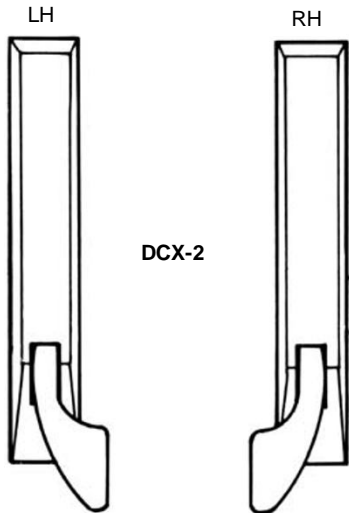


For use where a double acting door must serve as both double and single acting to suit varying traffic requirements.

With the Doromatic retractable door stop a split second adjustment converts a double acting door into a single acting door. To revert to double acting, pressure is applied to stop by pushing the door against the stop causing it to retract allowing the door to again swing both ways. Pressure required varies with the adjustment of the spring tension in the stop. This adjustable spring loaded nylon stop is housed in an aluminum or hollow metal jamb (1150A) or in a wooden header (1158A) with an aluminum dress plate.

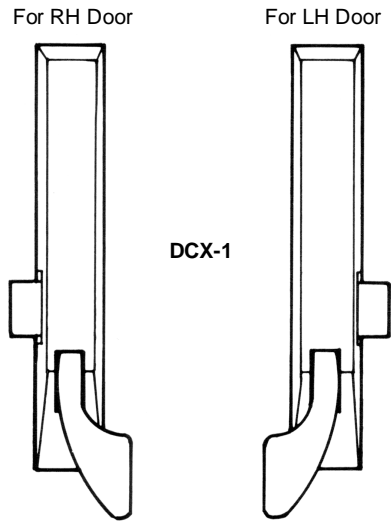
Ideal for center pivoted exterior doors with Doromatic double acting closers where weather or wind conditions require double or single acting doors to accommodate foot traffic more efficiently. It can also be used on interior doors.

1990 Housing & Lever Arms



Desc.	Hand	Finish	Part #
DCX-2	LH	P28	4270902776
DCX-2	LH	P13	4270902778
DCX-2	RH	P28	4270902782
DCX-2	RH	P13	4270902784

2090 Active Housing & Lever Arms



Desc.	Hand	Finish	Part #
DCX-1	LH	P28	4270902740
DCX-1	LH	P13	4270902742
DCX-1	RH	P28	4270902746
DCX-1	RH	P13	4270902748

MULLIONS

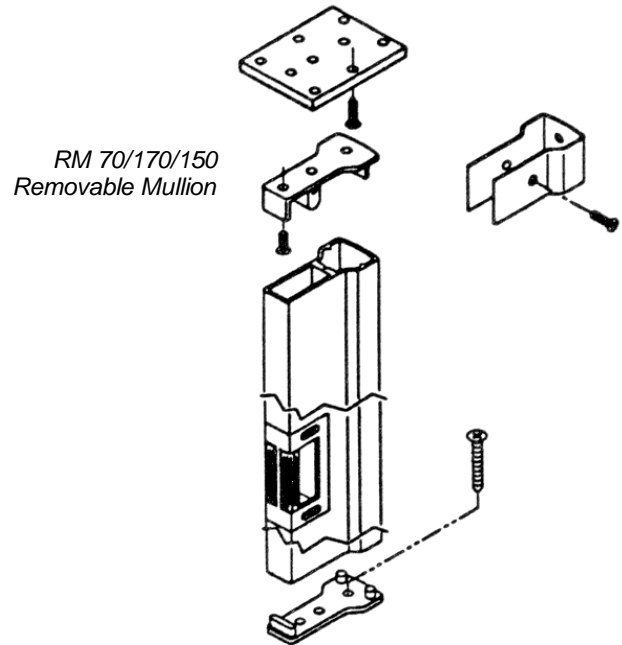
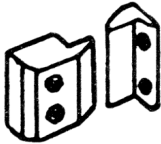
RM 70/170 Removable Mullion

RM 70 for use with 2090 Series and RM170 for use with 1790 Series. Each come complete with adjustable mortised strikes and security clips. Compatible with doors 7' to 10' and for use on doors with stiles as narrow as 13/4". Made of aluminum, they are available in anodized aluminum or bronze finishes.

RM 150 Removable Mullion

For use with 1590 Series only. Comes complete with adjustable mortised strikes and security clips. Compatible with doors 7' to 10' and for use on doors with stiles as narrow as 13/4". Made of aluminum, they are available in anodized aluminum or bronze finishes.

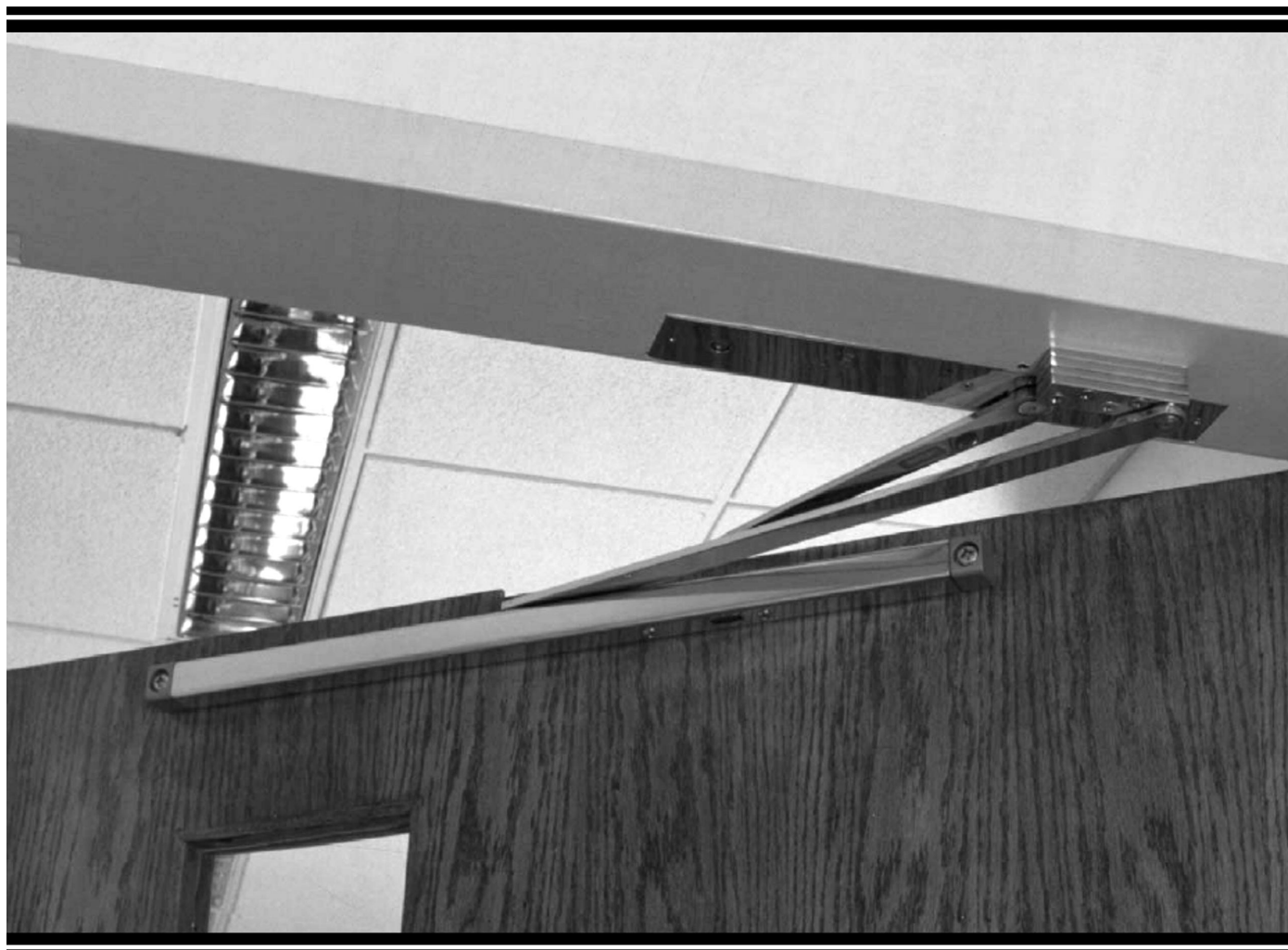
525 Mullion Stabilizer



STRIKES

SD 35	Standard strike for 2090 device, (1/8" x 1/2" blade stop)	
SD 36	Strike for 2090 device, (for all stops)	
PB 48	Standard top strike for 1490/1690/1990/2390	
STK 45	Stainless steel strike for inactive leaf, pair of doors for 1590/1790/2090	
TD 35	Strike for 1590/1790 rim device	

GLYNN-JOHNSON®



Glynn-Johnson has been providing the highest quality door control hardware for 75 years. Known in the industry as “the overhead door holder specialists,” Glynn-Johnson uses only state-of-the-art technology and manufacturing processes. Glynn-Johnson also manufactures a full line of push/pull latches. These products were designed to meet the requirements of hardware specifiers, delivering consistent quality and exceptional performance. And they are offered in a variety of finishes and configurations, to meet the most demanding door control applications.

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INSTALLATION METHODS

Door Mounting Hardware

Mounting templates for all series holders show various types of hinging methods as well as various degrees of opening. To accommodate the overhead stop to the various mounting methods requires a simple shifting of dimensions A and B. To be assured that reinforcement and mortising are in the proper location, be sure to secure the proper templates from your Glynn-Johnson dealer. These templates include all necessary information for reinforcing door and frame, complete installation instructions for the various mounting methods and the degree of opening required.

Concealed

Concealed overhead door holder installation requires that the jamb bracket be mortised flush with the bottom of the jamb. The arm and channel must be mortised into the door so the arm is flush with top of the door. A cutout made for the arm on the stop side of single acting doors as in the sketch. Double acting doors require a cutout for the arm on both sides of the door as shown in the sketch. Hollow metal doors must be reinforced at the top of the door to provide necessary strength for the channel. Hollow metal frames must be reinforced in the jamb to provide strength for the jamb bracket. Strength of wood frame and door must be adequate for the holder specified. Accurate template drawings for each holder give complete reinforcement and mortising specifications. They are readily available from your Glynn-Johnson representative.

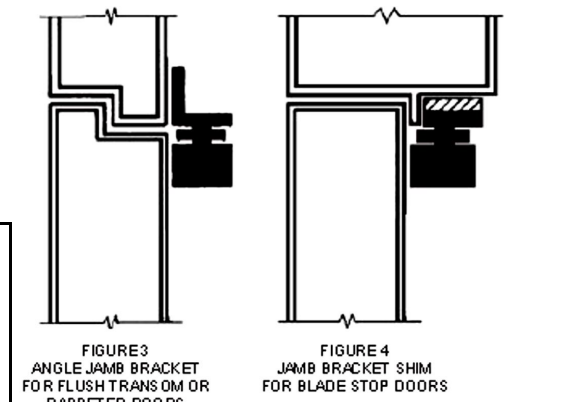
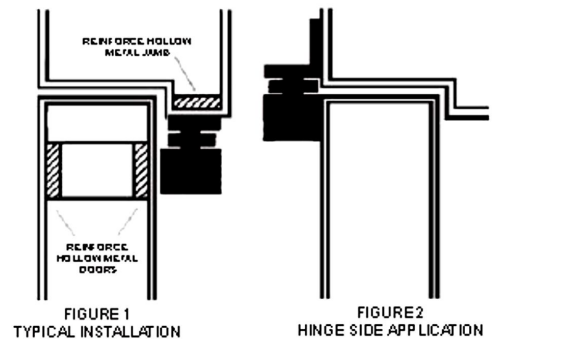
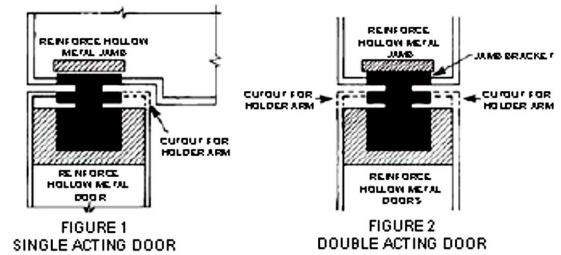
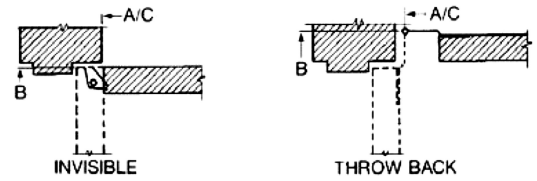
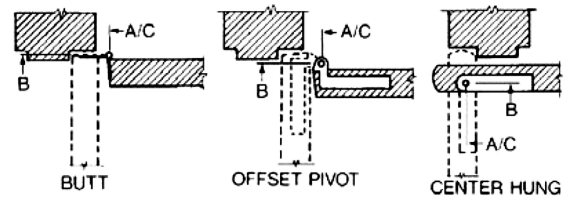
Surface Type

Surface mounted overhead door holder installation does not require mortising of jamb or door. The jamb bracket is surface mounted on the stop of the frame. The channel is also surface mounted on the face of the door. Hollow metal doors and jambs must be reinforced to provide necessary strength for the holder specified. Strength of wood doors and jambs must also be adequate for the holder. A typical surface mounted installation is shown in Figure 1 where jamb bracket is fastened to the stop. Angle jamb brackets are available for hinge side mounting (Figure 2) and for use with rabbeted doors or flush transom installations (Figure 3). Jamb brackets with special shims for use on jambs with blade stops are also available (Figure 4). Advise stop height and the appropriate shim kit will be provided.

Finishes

- US3 Polished Brass
- US4 Satin Brass
- US10 Satin Bronze
- US10B Oil Rubbed Bronze
- US26 Polished Chrome
- US26D Satin Chrome
- US28 Clear Anodized Aluminum
- US32 Polished Stainless Steel
- US32D Satin Stainless Steel

- 313AN Dark Bronze Anodized Aluminum
- 652 Chrome-like Coating on Steel
- SP4 Powder Coat Brass
- SP10 Powder Coat Bronze
- SP28 Powder Coat Aluminum
- SP313 Powder Coat Dark Bronze
- SPBLK Powder Coat Black



70 Series Heavy-Duty 79 Series Extra Heavy-Duty

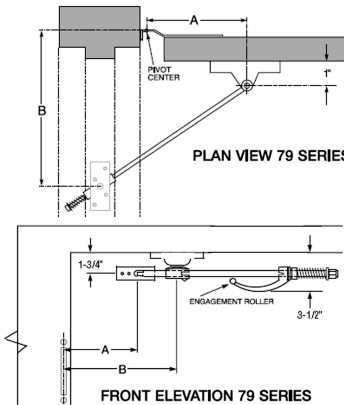
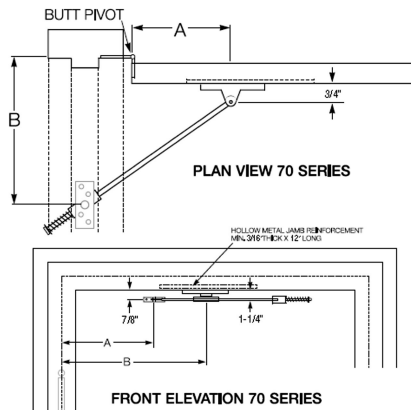
Glynn-Johnson offers a complete line of overhead holders and stops, providing solutions for the most complex door control problems. Glynn-Johnson 70 series and 79 series surface-mounted holders and stops are designed to meet the demands of high-traffic industrial applications. These units are simple to install. Compatible with a variety of door closers, these models come with templates to allow for variable mounting positions, ranging from 85° to 110° Hold-Open/Stop angle. These templates are designed for installation in almost all types of doors, including doors with conventional butt-type hinges or specialty hinges.

Four Models:

- 70H Series Hold-Open Model – Heavy-Duty
- 70S Series Stop-Only Model – Heavy-Duty
- 79H Series Hold-Open Model – Extra Heavy-Duty



SIZE	BUTTS/OFFSET PIVOTS			CENTER HUNG		
	DOOR OPENING	STOP ONLY	HOLD OPEN	DOOR OPENING	STOP ONLY	HOLD OPEN
1	----	----	----	----	----	----
2	23-1/16"-27"	702S/792S	702H/792H	27-1/16"-33"	702S/792S	702H/792H
3	27-1/16"-33"	703S/793S	703H/793H	33-1/16"-39"	703S/793S	703H/793H
4	33-1/16"-39"	704S/794S	704H/794H	39-1/16"-45"	704S/794S	704H/794H
5	39-1/16"-45"	705S/795S	705H/795H	45-1/16"-51"	705S/795S	705H/795H
6	45-1/16"-51"	706S/796S	706H/796H	51-1/16"-59"	706S/796S	706H/796H



How to Order

70
4
S
-
US3
-
SB-1

Overhead Series:
 70 Heavy-Duty
 79 Extra Heavy-Duty

Size (Door Opening Using Butts or Offset Pivots):
 2 (23-1/16"-27")
 3 (27-1/16"-33")
 4 (33-1/16"-39")
 5 (39-1/16"-45")
 6 (45-1/16"-54")

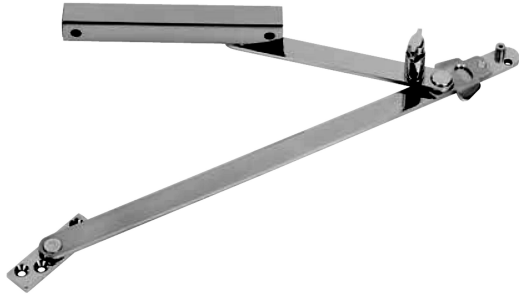
Function:
 H Hold-Open
 S Stop-Only

Finishes:
 US3 Polished Brass
 US4 Satin Brass
 US10 Satin Bronze
 US10B Oil Rubbed Bronze
 US26 Polished Chrome
 US26D Satin Chrome
 SP4 Powder Coat Brass
 SP10 Powder Coat Bronze
 SP28 Powder Coat Aluminum
 SP313 Powder Coat Dark Bronze
 SPBLK Powder Coat Black

Options:
 J Angle Jamb Bracket
 SB-1 Sex Bolts for Door Bracket, Doors up to 2"
 SB-2 Sex Bolts for Door Bracket, Doors from 2" to 3"
 SOC Pin-in-Socket Security Screws



81 SERIES



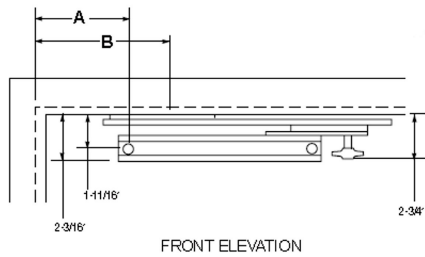
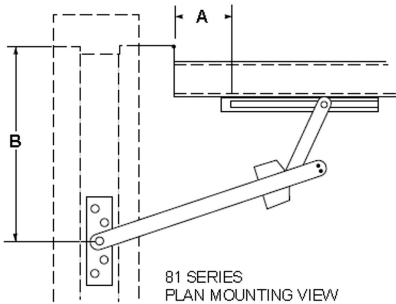
81 Series Heavy-Duty

Glynn-Johnson offers the most complete line of overhead holders and stops, providing solutions for the most complex door control problems. These surface-mounted holders and stops offer the most effective shock-absorbing capacity, helping protect doors, frames and hardware.

Glynn-Johnson 81 series holders and stops provide rugged, heavy-duty door control. The jointed-arm design provides the most effective stop mechanism available. The shock absorber bracket is surface mounted, usually with sex bolts. The jamb bracket is mounted to the stop of the frame, so a minimum of door and frame preparation is required.

Two Models:

- 81H Series Hold-Open
- 81S Series Stop-Only



81 Series Sizing Chart

SIZE	BUTTS/OFFSET PIVOTS			CENTER HUNG		
	DOOR OPENING	STOP ONLY	HOLD OPEN	DOOR OPENING	STOP ONLY	HOLD OPEN
1	---	---	---	---	---	---
2	---	---	---	---	---	---
3	27-1/16"-33"	813S	813H	33-1/16"-39"	813S	813H
4	33-1/16"-39"	814S	814H	39-1/16"-45"	814S	814H
5	39-1/16"-45"	815S	815H	45-1/16"-51"	815S	815H
6	45-1/16"-51"	816S	816H	51-1/16"-59"	816S	816H

How to Order

81 4 H - US32D - SOC

Overhead Series:
81

Size (Door Opening Using Butts or Offset Pivots):
3 (27-1/16"-33")
4 (33-1/16"-39")
5 (39-1/16"-45")
6 (45-1/16"-54")

Function:
H Hold-Open
S Stop-Only

Finishes:
US3 Polished Brass
US4 Satin Brass
US10 Satin Bronze
US10B Oil Rubbed Bronze
US32 Polished Stainless Steel
US32D Satin Stainless Steel
652 Chrome-like Coating

Options:
J Angle Jamb Bracket
SHIM Blade Stop Shims—
SHIM1-1/4" Kit
SHIM2-1/2" Kit
SHIM3-3/4" Kit
SOC Pin-in-Socket Security Screws

90 Series Heavy-Duty

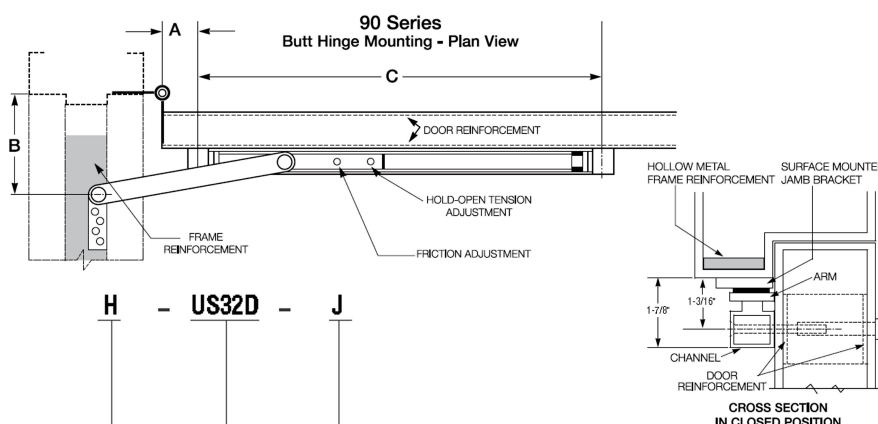
Glynn-Johnson 90 series holders and stops are the most rugged models available for heavy-duty applications. The channel is surface-mounted to the door, most often with sex bolts, and the jamb bracket is surface mounted to the jamb, requiring minimal door and frame preparation. These versatile units can be used in conjunction with most surface-applied door closers. The provided templates allow for variable mounting positions, ranging from 85° to 110° Hold-Open/Stop angle. These templates are designed for installation in almost all types of doors, including doors with conventional butt-type hinges or specialty hinges.



SIZE	BUTTS/OFFSET PIVOTS				CENTER HUNG			
	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION
1	-----	-----	-----	-----	-----	-----	-----	-----
2	23-1/16"-27"	902S	902H	902F	27-1/16"-33"	902S	902H	902F
3	27-1/16"-33"	903S	903H	903F	33-1/16"-39"	903S	903H	903F
4	33-1/16"-39"	904S	904H	904F	39-1/16"-45"	904S	904H	904F
5	39-1/16"-45"	905S	905H	905F	45-1/16"-51"	905S	905H	905F
6	45-1/16"-51"	906S	906H	906F	51-1/16"-59"	906S	906H </td <td>906F</td>	906F

Four Models:

- 90H Series Hold-Open Model
- 90S Series Stop-Only Model
- 90F Series Friction Hold-Open Model
- 90SE Series Special Stop-Only Model



How to Order

90 4 H - US32D - J

Overhead Series:

90

Size (Door Opening Using Butts or Offset Pivots):

- 2 (23-1/16"-27")
- 3 (27-1/16"-33")
- 4 (33-1/16"-39")
- 5 (39-1/16"-45")
- 6 (45-1/16"-54")

Function:

- H Hold-Open
- F Friction Hold-Open
- S Stop-Only
- SE Special Stop-Only

Finishes:

- US3 Polished Brass
- US4 Satin Brass
- US10 Satin Bronze
- US10B Oil Rubbed Bronze
- US32 Polished Stainless Steel
- US32D Satin Stainless Steel
- SP4 Powder Coat Brass
- SP10 Powder Coat Bronze
- SP28 Powder Coat Aluminum
- SP313 Powder Coat Dark Bronze
- SPBLK Powder Coat Black
- 652 Chrome-like Coating

Options:

- J Angle Jamb Bracket
- SHIM Blade Stop Shims—
 - SHIM1-1/4" Kit
 - SHIM2-1/2" Kit
 - SHIM3-3/4" Kit
- SOC Pin-in-Socket Security Screws



100 SERIES



100 Series Heavy-Duty

Glynn-Johnson offers a complete line of overhead door holders and stops, accommodating virtually all openings with solutions for even the most complex door control problems. These concealed holders and stops provide the most attractive and reliable heavy-duty door control available.

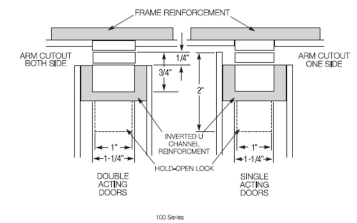
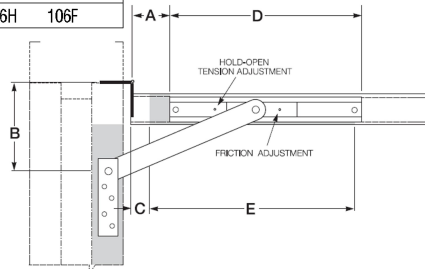
Glynn-Johnson 100 series holders and stops provide the most reliable and versatile concealed overhead door control. They are designed for installation on virtually all types of doors mounted on conventional type butt hinges, pivots, continuous hinges, swing clear hinges and numerous other specialty hinges. When used in conjunction with many surface-applied door closers, 100 series holders and stops provide the most effective control for entrance doors and vestibule doors of all types, as well as heavy or often used interior doors. Templates provided allow for variable mounting positions, ranging from 85° - 110° of opening.

100 Series Sizing Chart

BUTTS/OFFSET PIVOTS					CENTER HUNG			
SIZE	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION
1	18"-23"	101S*	101H*	101F*	----	----	----	----
2	23-1/16"-27"	102S*	102H*	102F*	----	----	----	----
3	27-1/16"-33"	103S	103H	103F	33-1/16"-39"	103S	103H	103F
4	33-1/16"-39"	104S	104H	104F	39-1/16"-45"	104S	104H	104F
5	39-1/16"-45"	105S	105H	105F	45-1/16"-51"	105S	105H	105F
6	45-1/16"-54"	106S	106H	106F	51-1/16"-59"	106S	106H	106F

Five Models:

- 100H Series Hold-Open Model
- 100HP Series Internal Hold-Open Model
- 100F Series Friction Hold-Open Model
- 100S Series Stop-Only Model
- 100SE Series Special Stop-Only Model



How to Order

10 4 H - US26D - ADJ

Overhead Series:

10

Size (Door Opening Using Butts or Offset Pivots):

- 1 (18"-23")
- 2 (23-1/16"-27")
- 3 (27-1/16"-33")
- 4 (33-1/16"-39")
- 5 (39-1/16"-45")
- 6 (45-1/16"-54")

Function:

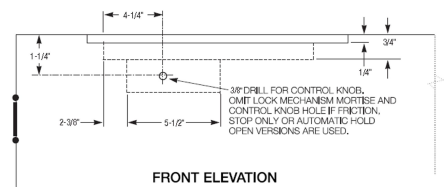
- H Hold-Open
- HP Internal Hold-Open
- F Friction Hold-Open
- S Stop-Only
- SE Special Stop-Only

Finishes:

- US3 Polished Brass
- US4 Satin Brass
- US10 Satin Bronze
- US10B Oil Rubbed Bronze
- US32 Polished Stainless Steel
- US32D Satin Stainless Steel
- SP4 Powder Coat Brass
- SP10 Powder Coat Bronze
- SP20 Powder Coat Aluminum
- SP313 Powder Coat Dark Bronze
- SPBLK Powder Coat Black

Options:

- ADJ Adjustable Jamb Bracket
- CJLH Special Jamb Bracket for LCN 5030 Closer, LH Door
- CJRH Special Jamb Bracket for LCN 5030 Closer, RH Door
- SOC Pin-in-Socket Security Screws



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410 Series Medium-Duty

Glynn-Johnson offers the most complete line of overhead door holders and stops, offering solutions for the most complex door control problems. The 410 series offers the industry's widest variety of functions, base materials and finishes to fit all medium to light-duty applications. The perfect combination of form and function, Glynn-Johnson 410 series holders and stops offer effective door control and a low-profile design. Each model is constructed so that the channel is encased in the door and the jamb bracket is mortised in the frame. When the door is open, the arm and jamb bracket are visible. Conversely, when the door is in the closed position, the entire holder is completely concealed. These versatile models can be used with most surface-applied door closers. The provided templates allow for variable mounting positions, ranging from 85° to 110° of opening. These templates are designed for installation in almost all types of doors, including doors with conventional butt-type hinges or specialty hinges.

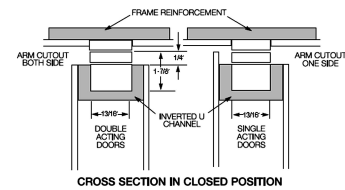
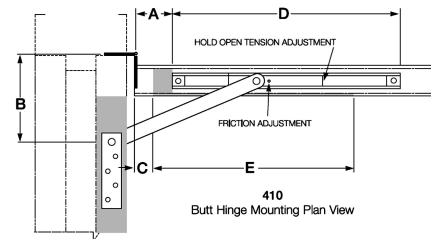


410 Series Sizing Chart

SIZE	BUTTS/OFFSET PIVOTS				CENTER HUNG			
	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION
1	18"-23"	411S	411H	411F	----	----	----	----
2	23-1/16"-27"	412S	412H	412F	----	----	----	----
3	27-1/16"-33"	413S	413H	413F	33-1/16"-39"	413S	413H	413F
4	33-1/16"-39"	414S	414H	414F	39-1/16"-45"	414S	414H	414F
5	39-1/16"-45"	415S	415H	415F	45-1/16"-51"	415S	415H	415F

Four Models:

- 410H Series Hold-Open
- 410S Series Stop-Only
- 410F Series Friction Hold-Open
- 410SE Series Special Stop-Only



How to Order

41 1 H - US10B - SOC

Overhead Series:
41

Size (Door Opening Using Butts or Offset Pivots):
 1 (18"-23")
 2 (23-1/16"-27")
 3 (27-1/16"-33")
 4 (33-1/16"-39")
 5 (39-1/16"-45")

Function:
 H Hold-Open
 F Friction Hold-Open
 S Stop-Only
 SE Special Stop-Only

Finishes:
 US3 Polished Brass
 US4 Satin Brass
 US10 Satin Bronze
 US10B Oil Rubbed Bronze
 US32 Polished Stainless Steel
 US32D Satin Stainless Steel
 SP4 Powder Coat Brass
 SP10 Powder Coat Bronze
 SP28 Powder Coat Aluminum
 SP313 Powder Coat Dark Bronze
 SPBLK Powder Coat Black
 652 Chrome-like Coating

Option:
 SOC Pin-in-Socket Security Screws

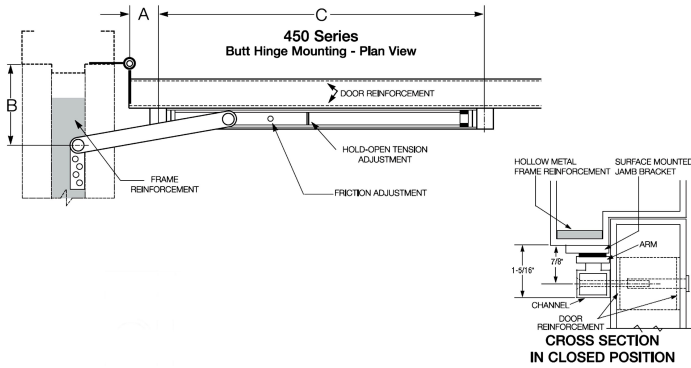


450 SERIES



450 Series Sizing Chart

BUTTS/OFFSET PIVOTS					CENTER HUNG			
SIZE	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION	DOOR OPENING	STOP ONLY	HOLD OPEN	FRICTION
1	18"-23"	451S	451H	451F	23-1/16"-27"	451S	451H	451F
2	23-1/16"-27"	452S	452H	452F	27-1/16"-33"	452S	452H	452F
3	27-1/16"-33"	453S	453H	453F	33-1/16"-39"	453S	453H	453F
4	33-1/16"-39"	454S	454H	454F	39-1/16"-45"	454S	454H	454F
5	39-1/16"-45"	455S	455H	455F	45-1/16"-51"	455S	455H	455F



450 Series Medium-Duty

Glynn-Johnson provides the most complete line of overhead holders and stops, offering solutions for the most demanding door control problems. These surface-mounted holders and stops offer the widest variety of functions, materials and finishes to fit all medium- to light-duty applications. Glynn-Johnson 450 series holders and stops provide reliable and versatile surface-mounted overhead door control for all medium to light-duty applications. The visible components are available in a wide variety of architectural finishes to complement any design. The 450 series holders and stops are designed for installation in virtually all types of doors and frames including doors with conventional butt hinges, offset pivots, continuous hinges, swing clear hinges and many other specialty hinges. The templates provided allow for variable mounting positions, ranging from 85° - 110° of opening.

Four Models:

- 450H Series Hold-Open Model
- 450S Series Stop-Only Model
- 450F Series Friction Hold-Open Model
- 450SE Series Special Stop-Only Model

How to Order

	45	1	H	-	US32D	-	J
Overhead Series:							
45							
Size (Door Opening Using Butts or Offset Pivots):							
1 (18"-23")							
2 (23-1/16"-27")							
3 (27-1/16"-33")							
4 (33-1/16"-39")							
5 (39-1/16"-45")							
Function:							
H Hold-Open							
F Friction Hold-Open							
S Stop-Only							
SE Special Stop-Only							
Finishes:							
US3 Polished Brass							
US4 Satin Brass							
US10 Satin Bronze							
US10B Oil Rubbed Bronze							
US32 Polished Stainless Steel							
US32D Satin Stainless Steel							
SP4 Powder Coat Brass							
SP10 Powder Coat Bronze							
SP28 Powder Coat Aluminum							
SP313 Powder Coat Dark Bronze							
SPBLK Powder Coat Black							
652 Chrome-like Coating							
Options:							
J Angle Jamb Bracket							
SHIM Blade Stop Shims—							
SHIM1-3/16" Kit							
SHIM2-3/8" Kit							
SHIM3-9/16" Kit							
SOC Pin-in-Socket Security Screws							



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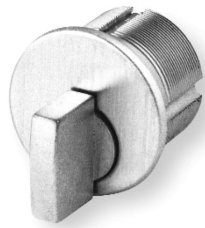
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Mortise Cylinders**Features**

- Exact pinning specifications as original systems
- Solid brass construction
- 16 keyways
- 4 popular lengths
- 5 popular cams

Model Number**Description**

M156	15/16" length, 5 pin only
M100	1" length, 5 pin only
M118	1-1/8" length, 5 pin drilled 6
M114	1-1/4" length, 5 pin drilled 6

Mortise Thumb Turn Cylinders**Features**

- Solid brass or die-cast turn piece
- Solid brass housing
- 4 popular lengths
- 5 popular cams

Model Number**Description**

M156TC	15/16" length, die-cast turn piece
M100TC	1" length, die-cast turn piece
M100T	1" length, solid brass turn piece
M118T	1-1/8" length, solid brass turn piece
M114T	1-1/4" length, solid brass turn piece

Mortise Dummy Cylinders**Features**

- Non-hollow solid brass construction
- 4 popular lengths
- Exact threads

Model Number**Description**

M156D	15/16" length
M100D	1" length
M118D	1-1/8" length
M114D	1-1/4" length

Mortise IC Housing**Features**

- Compatible with cores from Arrow, Best, Falcon and KSP
- Removable design allows changing of cams
- Solid brass construction
- 5 popular cams



GMS

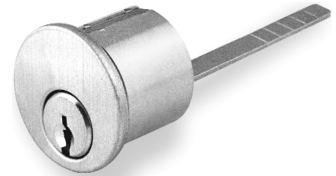
Model Number**Description**

ICM	IC mortise housing, straight shoulder, 6 or 7 pin lengths
ICT	IC mortise housing, tapered shoulder, 6 or 7 pin lengths

RIM CYLINDERS

Rim Cylinders**Features**

- Exact pinning specifications as original systems
- Solid brass construction
- 16 keyways
- Tailpiece converts between horizontal & vertical positions
- Screw-on retaining cap design

**Model Number****Description**

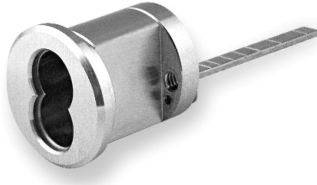
R118	1-1/8" length, 5 pin drilled 6
------	--------------------------------

Rim Dummy Cylinders**Features**

Non-hollow solid brass housing
Furnished with collar, mounting plate & screws

**Model Number****Description**

R118D	1-1/8" length
-------	---------------

Rim IC Housing**Features**

- Compatible with cores from Arrow, Best, Falcon and KSP
- Furnished with collar, mounting plate & screws
- Tailpiece converts between horizontal & vertical positions
- Solid brass construction

Model**Description**

ICR

IC rim housing, 6 or 7 pin lengths

GMS

IC CORE

IC Core**Features**

- Compatible with housings from Arrow, Best, Falcon and KSP
- Available in 6 or 7 pin lengths
- Cores are un-combinated
- 15 keyways

Model Number**Description**

IC

Small format interchangeable core

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FINISHES

Architectural Finishes

US3	Polished Brass	US26	Polished Chrome
US4	Satin Brass	US26D	Satin Chrome
US5	Antique Brass	US28	Satin Aluminum
US9	Polished Bronze	US32	Polished Stainless Steel
US10	Satin Bronze	US32D	Satin Stainless Steel
US10B	Oil Rubbed Bronze	313	Dark Bronze - Anodized Aluminum
US14	Polished Nickel	315	Black - Anodized Aluminum
US15	Satin Nickel		

MOUNTING KITS

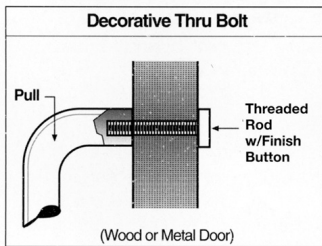


FIG. A

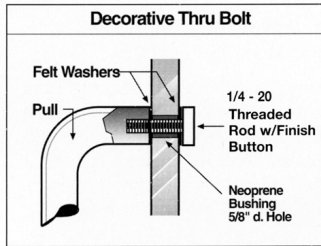


FIG. A1

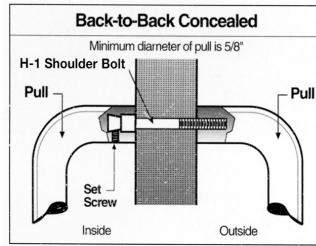


FIG. B

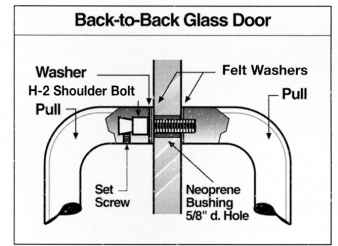


FIG. B1

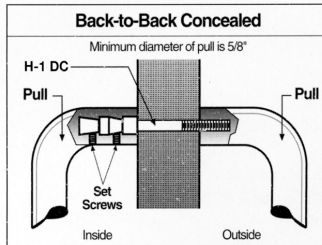


FIG. B-DC

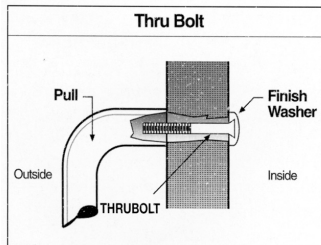


FIG. E

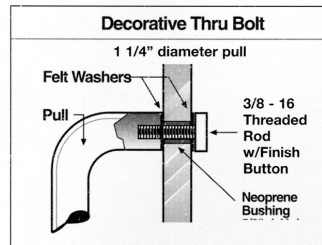


FIG. E1

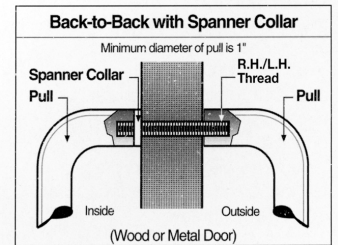


FIG. K

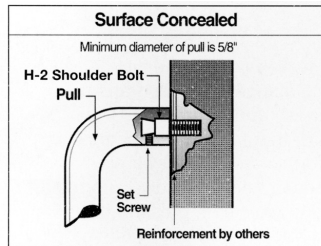


FIG. S

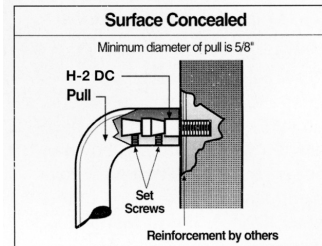





FIG. S-DC




Model	668
Material	3/4" dia.
CTC	8"
Overall	8-3/4"
Projection	2-1/2"
Clearance	1-3/4"
Offset	3"
Base	3/4"
Weight	1.9 lbs
ANSI	J402




Model	658
Material	1" dia.
CTC	8"
Overall	9"
Projection	3 1/2"
Clearance	2 1/2"
Offset	4"
Base	1"
Weight	3.4 lbs
ANSI	J402




Model	609
Material	1" dia.
CTC	9"
Overall	10"
Projection	3 1/2"
Clearance	2 1/2"
Offset	4"
Base	1"
Weight	3.8 lbs
ANSI	J402




Model	658A
Material	1" dia.
CTC	10"
Overall	11"
Projection	3 1/2"
Clearance	2 1/2"
Offset	4"
Base	1"
Weight	3.9 lbs
ANSI	J402




Model	658B
Material	1" dia.
CTC	12"
Overall	13"
Projection	3 1/2"
Clearance	2 1/2"
Offset	4"
Base	1"
Weight	4.3 lbs
ANSI	J402




Model	615
Material	1" dia.
CTC	15"
Overall	16"
Projection	3 1/2"
Clearance	2 1/2"
Offset	4"
Base	1"
Weight	5.0 lbs
ANSI	J402



Model	618
Material	1" dia.
CTC	18"
Overall	19"
Projection	3 1/2"
Clearance	2 1/2"
Offset	4"
Base	1"
Weight	5.7 lbs
ANSI	J402




Model	612A
Material	1" dia.
CTC	8"
Overall	8-3/8"
Projection	3"
Clearance	1-3/4"
Offset	4-1/16"
Base	3/8" x 2-1/8"
Weight	3.2 lbs
ANSI	J402




Model	611A
Material	1" dia.
CTC	10"
Overall	10-3/8"
Projection	3"
Clearance	1-3/4"
Offset	4-1/16"
Base	3/8" x 2-1/8"
Weight	3.4 lbs
ANSI	J402


STRAIGHT PULLS




Model	523B
Material	¾" dia
CTC	5 ½"
Overall	6 ¼"
Projection	2 ¼"
Clearance	1 ½"
Base	¾"
Weight	1.1 lbs
ANSI	J401




Model	523E
Material	¾" dia
CTC	6"
Overall	6 ¾"
Projection	2 ¼"
Clearance	1 ½"
Base	¾"
Weight	1.2 lbs
ANSI	J401




Model	523A
Material	¾" dia
CTC	8"
Overall	8 ¾"
Projection	2 ¼"
Clearance	1 ½"
Base	¾"
Weight	1.4 lbs
ANSI	J401




Model	523C
Material	¾" dia
CTC	10"
Overall	10 ¾"
Projection	2 ¼"
Clearance	1 ½"
Base	¾"
Weight	1.6 lbs
ANSI	J401




Model	535B
Material	1" dia
CTC	8"
Overall	9"
Projection	3"
Clearance	2"
Base	1"
Weight	2.6 lbs
ANSI	J401




Model	509B
Material	1" dia
CTC	9"
Overall	10"
Projection	3"
Clearance	2"
Base	1"
Weight	2.9 lbs
ANSI	J401




Model	536B
Material	1" dia
CTC	10"
Overall	11"
Projection	3"
Clearance	2"
Base	1"
Weight	3.1 lbs
ANSI	J401



Model	537B
Material	1" dia
CTC	12"
Overall	13"
Projection	3"
Clearance	2"
Base	1"
Weight	3.5 lbs
ANSI	J401



Model	515B
Material	1" dia
CTC	15"
Overall	16"
Projection	3"
Clearance	2"
Base	1"
Weight	4.1 lbs
ANSI	J401



Model	518B
Material	1" dia
CTC	18"
Overall	19"
Projection	3"
Clearance	2"
Base	1"
Weight	4.8 lbs
ANSI	J401



Model 1002
Material 3/8" x 1 1/2"
Projection 2"
Clearance 1 5/8"
Base 1 1/2" x 2" x 1/8"
Weight 6.3 lbs
ANSI J501



Model 1032
Material 3/8" x 1 1/2"
Projection 3/4"
Clearance 3/8"
Base 1 1/2" x 1 1/2"
Weight 5.8 lbs
ANSI J501



Model 1072A
Material 3/8" x 1 1/2"
Projection 2"
Clearance 1-5/8"
Base 1" x 3" x 1/8"
Weight 6.2 lbs
ANSI J501



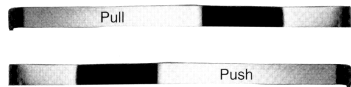
Model 1072
Material 3/8" x 1 1/2"
Projection 2"
Clearance 1 5/8"
Base 1" x 3" x 1/8"
Weight 6.2 lbs
ANSI J501



Model 1075A
Material 3/8" x 1 1/2"
Projection 1-3/4"
Clearance 1 5/8"
Base 1" x 3" x 1/8"
Weight 6.2 lbs
ANSI J501



Model 1075
Material 3/8" x 1 1/2"
Projection 2-1/8"
Clearance 1 3/4"
Base 1" x 3" x 1/8"
Weight 6.2 lbs
ANSI J501



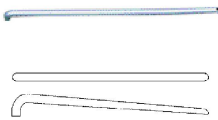
Model 1175
Material 1/2" x 1 1/2"
Projection 2-1/8"
Clearance 1-5/8"
Base 1/2" x 1-1/2"
Weight 16.5 lbs/set



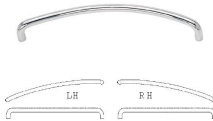
Model 1081
Material 1" Round
Projection 2-5/8"
Clearance 1 5/8"
Base 2" dia. X 2" dia.
Weight 8.4 lbs
ANSI J501



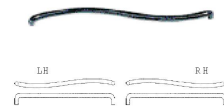
Model 1081LBP
Material 1" Round
Projection 2-1/2"
Clearance 1-1/2"
Base 1" dia..
Weight 8.0 lbs
ANSI J501



Model 1081OP
Material 1" Round
Projection 2-1/2"
Clearance 1 1/2"
Base 1" dia.
Weight 7.4 lbs
ANSI J501



Model 1600 LH/RH
Material 1" Round
Projection 2-1/2"
Clearance 1 1/2"
Base 1" dia.
Weight 7.2 lbs



Model 1700 LH/RH
Material 1" Round
Projection 2-1/2"
Clearance 1 1/2"
Base 1" dia.
Weight 7.3 lbs



25 YEARS



Hurricane Alicia
GOES-5 4km Infrared
August 18, 1983 @ 0800 UTC

Gulf States
DOOR CONTROL 
SINCE 1983



August 18, 1983

Hurricane Alicia was the third depression, the first tropical storm, and the only major hurricane of the 1983 Atlantic hurricane season. It struck Galveston and Houston, Texas directly, causing \$2.6 billion USD in damage and killing 21 people; this made it the worst Texas hurricane since Hurricane Carla (1961 season), and Texas' first billion-dollar storm.



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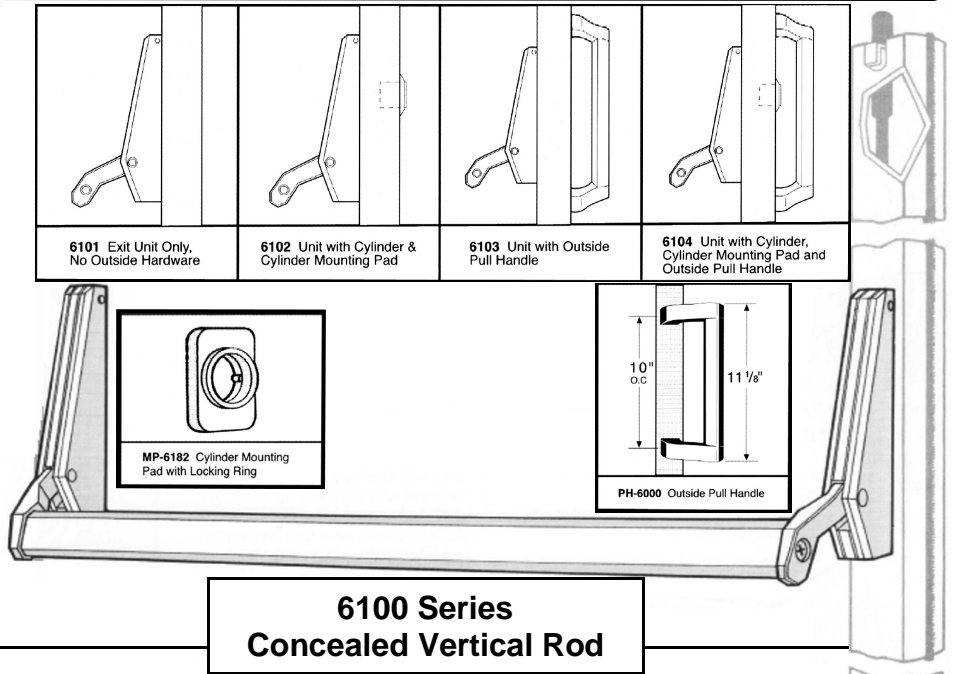
6100/6300 SERIES

6100 Series Features

- For use with narrow, medium, and wide stile Aluminum doors.
- Non-Handed
- Latch Bolts throw 5/8"
- Dogging by Cylinder Key or by Slotted Screw in bottom of inside pads.
- Units use standard Mortise Cylinders with MS type Cam and MP-6182 Cylinder Mounting Pad.
- Standard unit fits doors up to 48" in width and up to 84" in height.
- Units mount on door with concealed fasteners.

Finishes

- Aluminum
- Dark Bronze

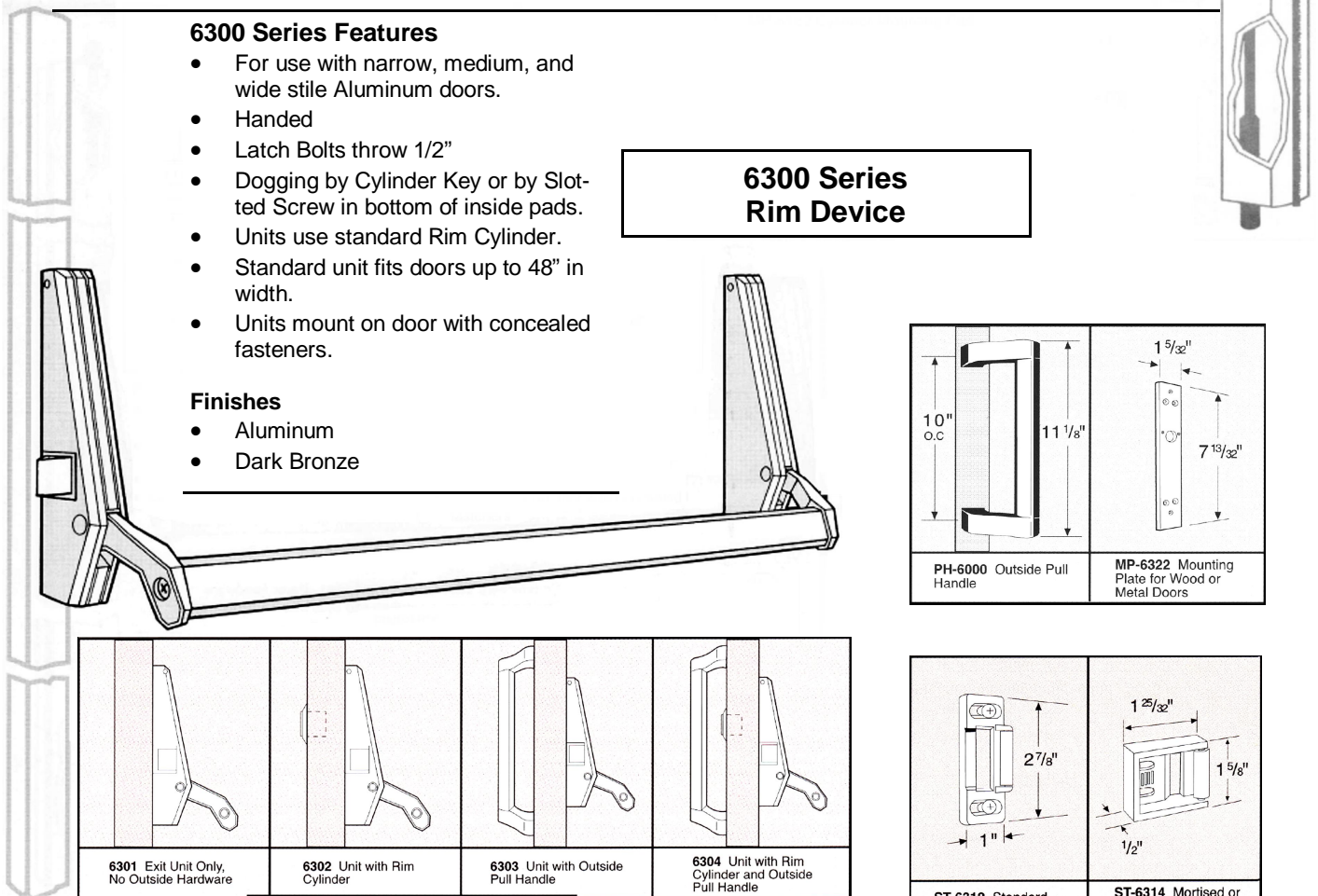


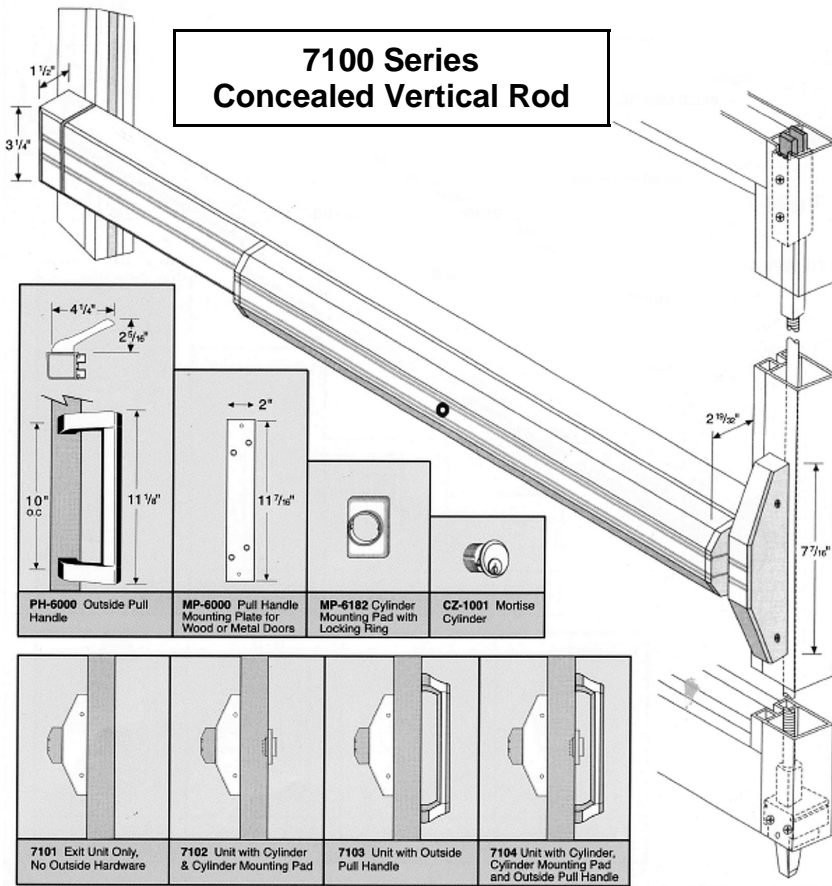
6300 Series Features

- For use with narrow, medium, and wide stile Aluminum doors.
- Handed
- Latch Bolts throw 1/2"
- Dogging by Cylinder Key or by Slotted Screw in bottom of inside pads.
- Units use standard Rim Cylinder.
- Standard unit fits doors up to 48" in width.
- Units mount on door with concealed fasteners.

Finishes

- Aluminum
- Dark Bronze





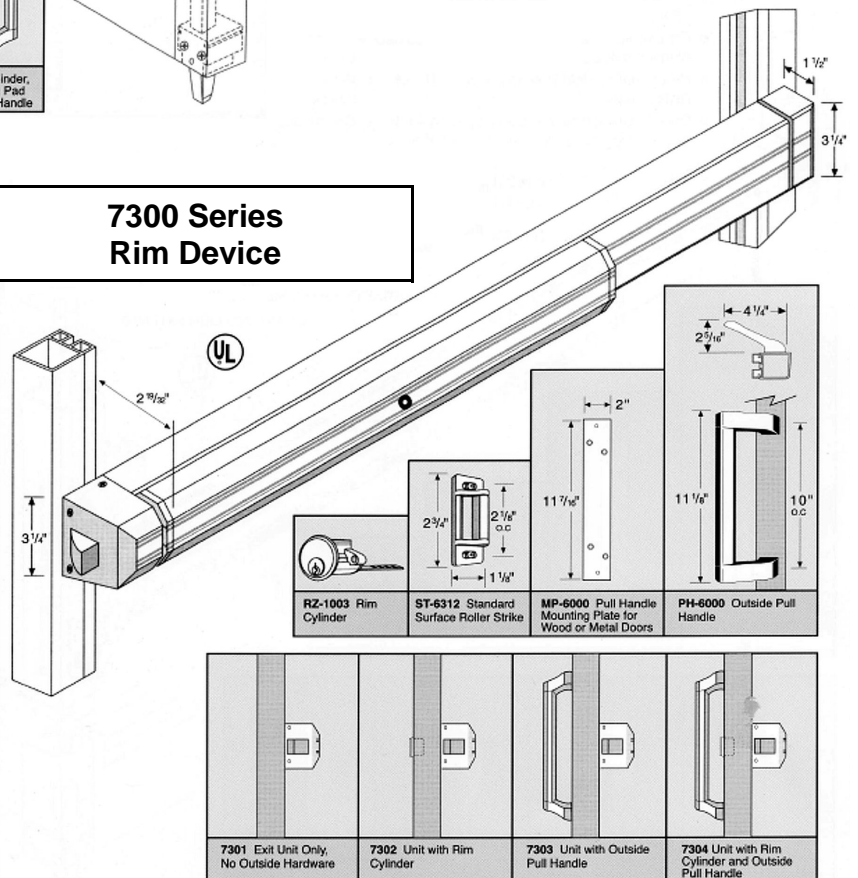
7100 Series Features

- For use with narrow, medium, and wide stile Aluminum doors.
- Non-Handed, Field Reversible
- Latch Bolts throw 5/8"
- Outside Unlatching Dogging by Cylinder Key or Dogging by Hex Key in Touch Bar.
- Top Steel Toggle Latch and Bottom Steel Rod Latch Bolt.
- Units use standard Mortise Cylinders with MS type Cam and MP-6182 Cylinder Mounting Pad.
- Standard Units for 36" and 48" door widths and up to 84" in height.
- Can be used on 30" wide doors.

Finishes

- Aluminum
- Dark Bronze

7300 Series Rim Device



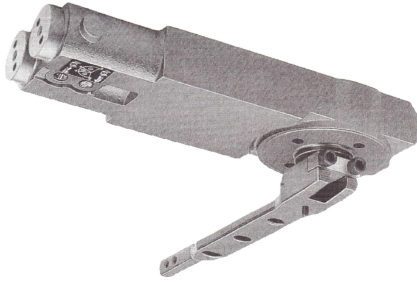
7300 Series Features

- For use with narrow, medium, and wide stile Aluminum doors, Hollow Metal or Wood Doors.
- Non-Handed
- Latch Bolts throw 5/8"
- Dogging by Hex Key in Touch Bar.
- Outside Unlatching with standard Rim Cylinder.
- Standard Units for 36" and 48" door widths
- Can be used on 30" wide doors.

Finishes

- Aluminum
- Dark Bronze

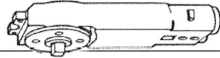

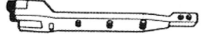
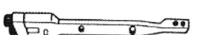
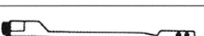
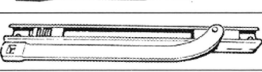
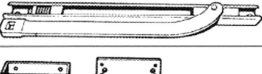



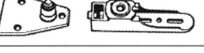



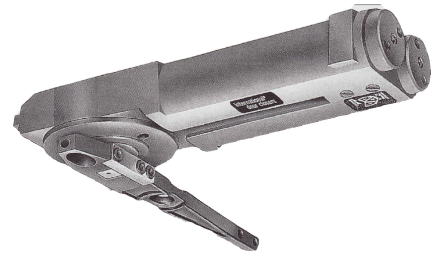


Features

- **Center Hung Doors:** Double or Single Acting, Adjustable “S” type side loading or “A” type, “K” type and “PT” type end loading top arms are available for center pivoted applications.
- **Offset Hung Doors:** Single Acting, Offset “JO” and “VO” type top arms are available for butt hinge of offset pivot applications.
- Built-in positive back stop and hold open positions available:
 - 105 degree with Hold Open
 - 105 degree - no Hold Open
 - 90 degree with Hold Open
 - 90 degree - no Hold Open
- ADA spring tensions available for use on center pivoted applications.
- Standard spring tensions available:
 - LIGHT
 - MEDIUM
 - HEAVY
- 2-speed control valves: Closing and Latching speeds controlled by separate regulating valves, fully adjustable after installation.
- Adjustable 3010-DP dual purpose radial ball-bearing bottom pivot sets are provided for floor or threshold mounted (side or end loading) center pivoted installation. 3010-G and 3010-GE bottom pivot sets are available, but must be ordered separately.
- Fits in an aluminum header or transom bar as small as 1-3/4” x 4”.
- Positive centering for alignment and to hold door closed against any normal wind or draft.
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.

Parts and Accessories

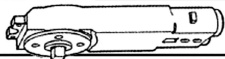


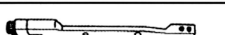
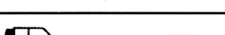
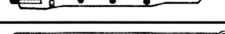
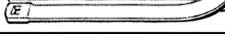
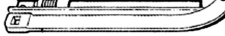
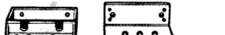


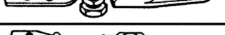
	Unit Body (Specify : Spring Tension & degree of Back Stop & Hold open)		2000-B
	“S” Type Adjustable Side Loading Top Arm Assembly (1/2” Depth Top Rail)		3010-S
	“A” Type End Loading Top Arm Assembly (1” Depth Top Rail)		3010-A
	“K” Type End Loading Top Arm Assembly (5/8” Depth Top Rail)		3010-K
	“PT” Type End Loading Top Arm Assembly (7/8” Depth Top Rail)		3010-PT
	“JO” Type Offset Top Arm Assembly Mortised Type (9/16” Depth Top Rail)	• Painted Arm - Aluminum • Storefront Bronze	3010-JO x AL 3010-JO x DU
	“VO” Type Offset Top Arm Assembly Surface Type (7/8” Depth Top Rail)	• Painted Arm - Aluminum • Storefront Bronze	3020-VO x AL 3020-VO x DU
	Anchor Set (Standard)		3010-FS
	Anchor Set (Optional) Anchor Set (Optional)		3010-FA 3010-FK
	Adjustable Dual Purpose Bottom Pivot Set (Standard)		3010-DP
	Adjustable Floor Mount Bottom Pivot Set (Optional)		3010-G
	Adjustable Threshold Mount Bottom Pivot Set (Optional)		3010-GE



Features

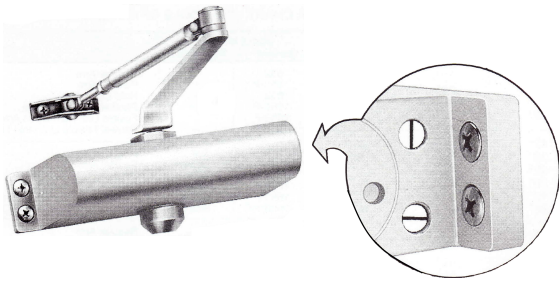
- ADA multi-sized closer with Adjustable Spring Power for a range of sizes from 8-1/2 lbs. of Opening Force to medium spring tension, fully adjustable after installation.
- Barrier Free Operation to comply with Federal Accessibility Standards (ADA) ANSI A117.1.
- Adjustable "S" type side loading or "A" type, "K" type and "PT" type end loading top arms are available for center pivoted applications.
- Offset "JO" and "VO" type top arms are available for butt hinge of offset pivot applications (may not meet handicap force requirements).
- Built-in positive back stop and hold open positions available:
 - 105 degree with Hold Open
 - 105 degree - no Hold Open
 - 90 degree with Hold Open
 - 90 degree - no Hold Open
- Suitable for both Center Hung (Double or Single Acting) and Offset Doors.
- 2-speed control valves: Closing and Latching speeds controlled by separate regulating valves, fully adjustable after installation.
- Adjustable 3010-DP dual purpose radial ball-bearing bottom pivot sets are provided for floor or threshold mounted (side or end loading) center pivoted installation. 3010-G and 3010-GE bottom pivot sets are available, but must be ordered separately.
- Fits in an aluminum header or transom bar as small as 1-3/4" x 4".
- Stable hydraulic door check fluid for any climatic operation and constant lubrication.

Parts and Accessories

	Unit Body (specify : Degree of Back Stop and Hold-Open)		3000-B
	"S" Type Adjustable Side Loading Top Arm Assembly (1/2" Depth Top Rail)		3010-S
	"A" Type End Loading Top Arm Assembly (1" Depth Top Rail)		3010-A
	"K" Type End Loading Top Arm Assembly (5/8" Depth Top Rail)		3010-K
	"PT" Type End Loading Top Arm Assembly (7/8" Depth Top Rail)		3010-PT
	"JO" Type Offset Top Arm Assembly Mortised Type (9/16" Depth Top Rail)	● Painted Arm - Aluminum ● Storefront Bronze	3010-JO x AL 3010-JO x DU
	"VO" Type Offset Top Arm Assembly Surface Type (7/8" Depth Top Rail)	● Painted Arm - Aluminum ● Storefront Bronze	3020-VO x AL 3020-VO x DU
	Anchor Set (Standard)		3010-FSP
	Anchor Set (Optional)		3010-FKP
	Adjustable Dual Purpose Bottom Pivot Set (Standard)		3010-DP
	Adjustable Floor Mount Bottom Pivot Set (Optional)		3010-G
	Adjustable Threshold Mount Bottom Pivot Set (Optional)		3010-GE



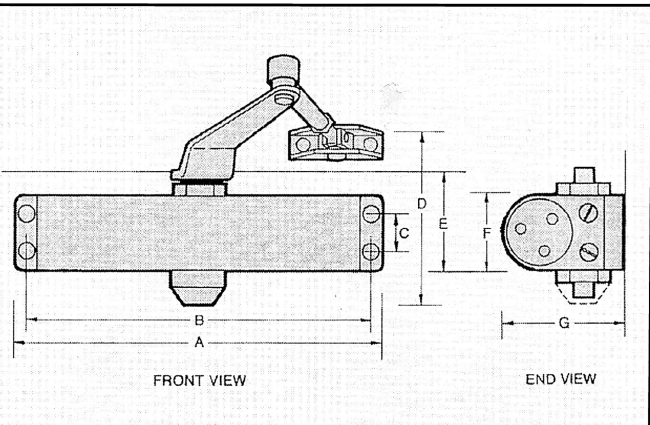
600 SERIES



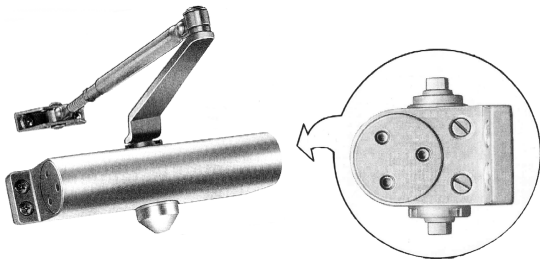
Series 650
Standard

Series 680
Adjustable Back Check

DESCRIPTION		SIZE	
		2 & 3	4 & 5
Length of Closer Body	A	8 ⁷ / ₈ "	9 ¹³ / ₁₆ "
Horizontal Mounting Holes	B	8 ³ / ₁₆ "	9 ¹ / ₁₆ "
Vertical Mounting Holes	C	3/4"	3/4"
Overall Height	D	4 ²¹ / ₃₂ "	4 ²¹ / ₃₂ "
Top of Door to Bottom of Closer Body	E	2 ⁹ / ₃₂ "	2 ⁹ / ₃₂ "
Height of Closer Body	F	1 ²⁵ / ₃₂ "	1 ²⁵ / ₃₂ "
Projection from Door	G	2 ²⁷ / ₃₂ "	2 ²⁷ / ₃₂ "



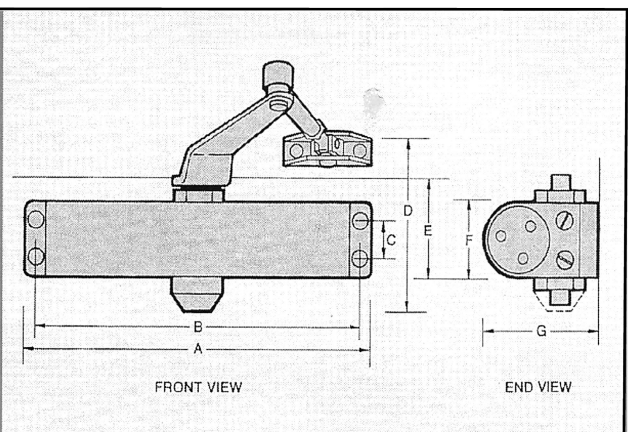
800 SERIES

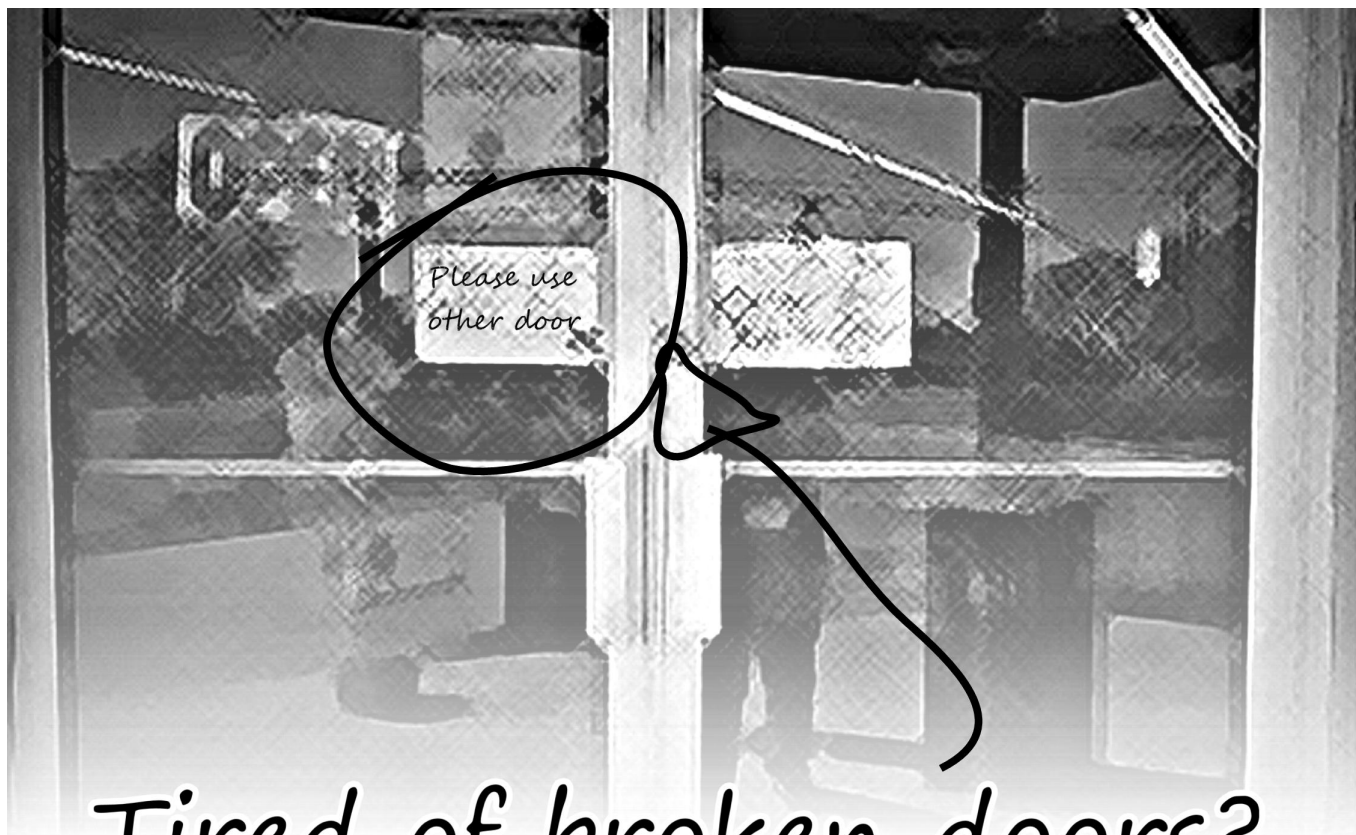


Series 850
Standard

Series 880
Adjustable Back Check

DESCRIPTION		SIZE			
		1	2	3	4 & 5
Length of Closer Body	A	7 ¹ / ₁₆ "	8 ¹ / ₁₆ "	8 ⁷ / ₈ "	9 ¹³ / ₁₆ "
Horizontal Mounting Holes	B	6 ³ / ₈ "	7 ³ / ₈ "	8 ³ / ₁₆ "	9 ¹ / ₁₆ "
Vertical Mounting Holes	C	3/4"	3/4"	3/4"	3/4"
Overall Height	D	4 ¹ / ₁₆ "	4 ³ / ₄ "	4 ³ / ₄ "	4 ³ / ₄ "
Top of Door to Bottom of Closer Body	E	1 ¹⁵ / ₁₆ "	2 ¹ / ₄ "	2 ¹ / ₄ "	2 ¹ / ₄ "
Height of Closer Body	F	1 ⁵ / ₈ "	1 ³ / ₄ "	1 ³ / ₄ "	1 ³ / ₄ "
Projection from Door	G	2 ⁹ / ₁₆ "	3"	3"	3"





Tired of broken doors?

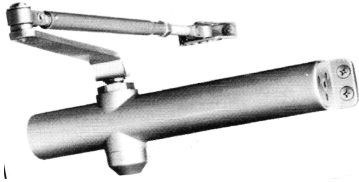
call **GSDC**
Gulf States Door Control

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Hinges
Pivots
Closers
Exit Devices
Trims

5000 SERIES

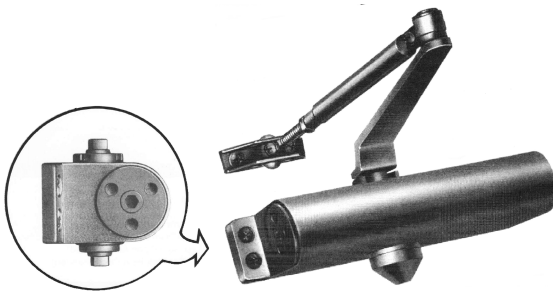


Series 5000
With Dress Cover

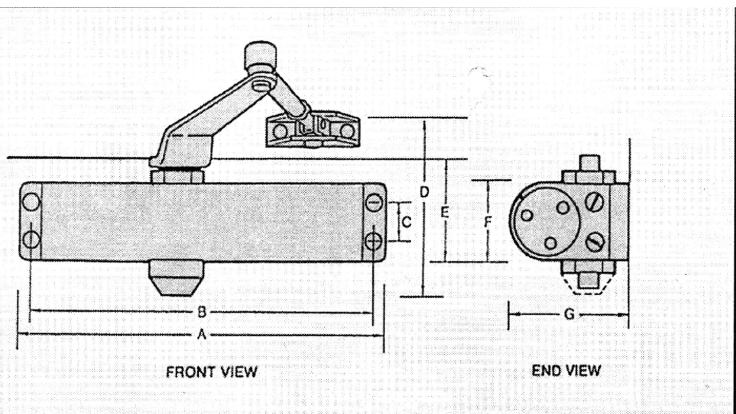
Series 5050
Without Dress Cover

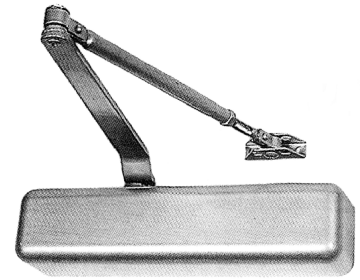
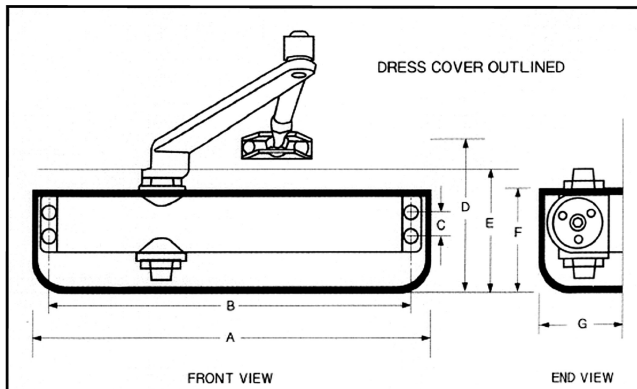
DESCRIPTION		WITH DRESS COVER	NO DRESS COVER
Length of Closer	A	13"	12 ¹¹ / ₁₆ "
Horizontal Mounting Holes	B	12"	12"
Vertical Mounting Holes	C	3/4"	3/4"
Overall Height	D	5 ¹ / ₈ "	5 ¹ / ₁₆ "
Top of Door to Bottom of Closer	E	3 ¹ / ₂ "	3 ⁷ / ₁₆ "
Height of Closer	F	3"	2 ⁷ / ₈ "
Projection from Door	G	2 ⁵ / ₁₆ "	2 ³ / ₁₆ "

8050 SERIES



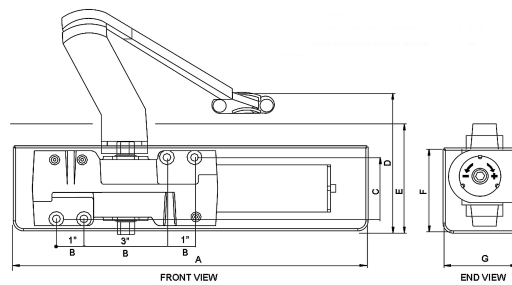
DESCRIPTION		
Length of Closer	A	9 ³ / ₄ "
Horizontal Mounting Holes	B	9 ¹ / ₁₆ "
Vertical Mounting Holes	C	3/4"
Overall Height	D	4 ²¹ / ₃₂ "
Top of Door to Bottom of Closer	E	2 ¹ / ₁₆ "
Height of Closer	F	1 ²¹ / ₃₂ "
Projection from Door	G	2 ²⁹ / ₃₂ "





DESCRIPTION		MODEL NUMBER
		9001 and 9003
Length of Closer	A	12-1/8"
Horizontal Mounting Holes	B	11-3/32"
Vertical Mounting Holes	C	3/4"
Overall Height	D	4-9/16"
Top of Door to Bottom of Closer	E	3-5/16"
Height of Closer	F	2-13/16"
Projection from Door	G	2-9/16"

44CI SERIES



DESCRIPTION		MODEL NUMBER
		4401CI
LENGTH OF CLOSER (WITH COVER)	A	12-1/4"
HORIZONTAL MOUNTING HOLES	B	SEE DETAIL BELOW
VERTICAL MOUNTING HOLES	C	2-1/4"
OVERALL HEIGHT	D	4-7/8"
TOP OF DOOR TO BOTTOM OF CLOSER	E	3-11/16"
HEIGHT OF CLOSER	F	3-1/2"
PROJECTION FROM DOOR	G	2-1/4"

A CHRISTMAS STORY



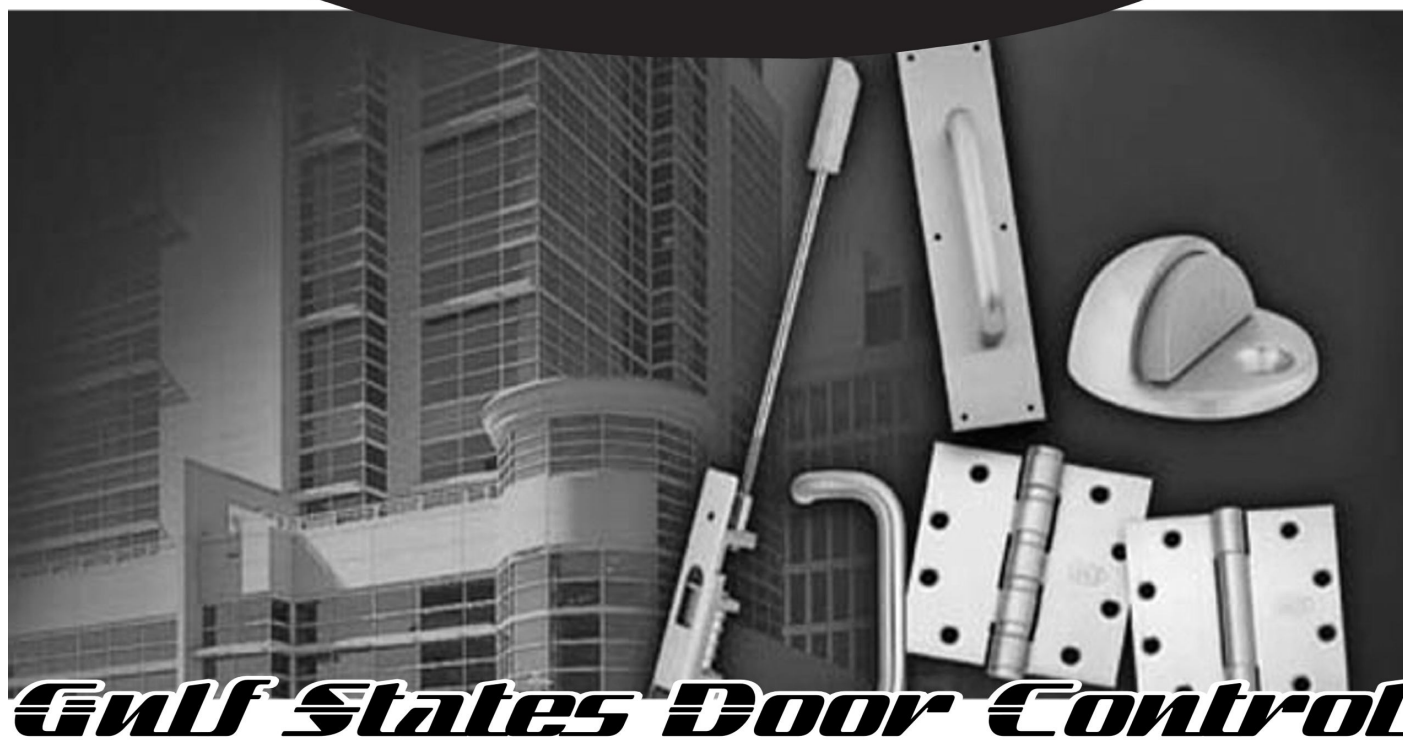
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GSDC
25
years

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IVES



Gulf States Door Control

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General Information:

- Complete line of 3/4" offset, 1-1/2" offset, center hung, intermediate and power transfer pivots with all exposed parts made of brass or stainless steel for maximum corrosion resistance.
- High strength brass and stainless steel forgings, and castings for rated and non-rated doors combined with precision bearings for smooth operation.
- Stainless steel machine screws and wood screws standard.
- Positive locking vertical adjustment mechanism allows the installer to precisely position the door and balance the load.
- Last digit in pivot set number reflects the maximum door weight in hundreds of pound, e.g., 7215 = 500 pounds. For sets designated as "heavy duty", add 1,000 pounds, e.g., 7237F HD set = 1700 pounds.
- Pivots for lead lined doors are available.

Finishes:**Powder-Coated Finishes (Available on all models)**

Aluminum	SP28	689
Black	SPBLK	622
Dark Bronze	SP313	695
Brass	SP4	706
Bronze	SP10	691

Plated Finishes (Available on all models except "F—Fire-Rated" models)

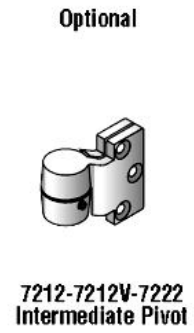
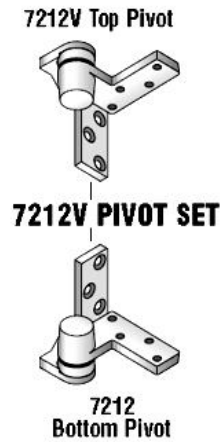
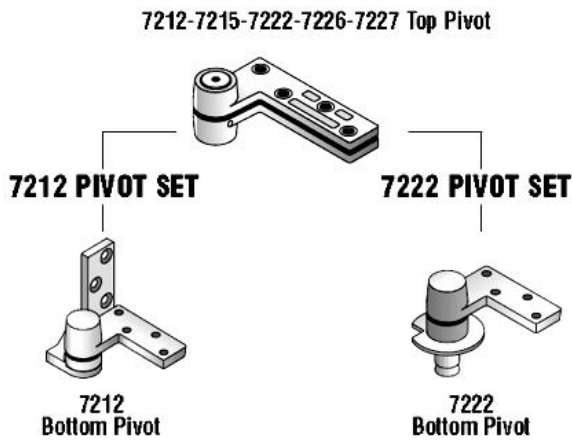
Polished Brass	US3	605
Satin Brass	US4	606
Satin Bronze	US10	612
Oil-Rubbed Bronze	US10B	613
Polished Chromium Plated	US26	625
Satin Chromium Plated	US26D	626

Plated Finishes (Available on "F—Fire-Rated" models)

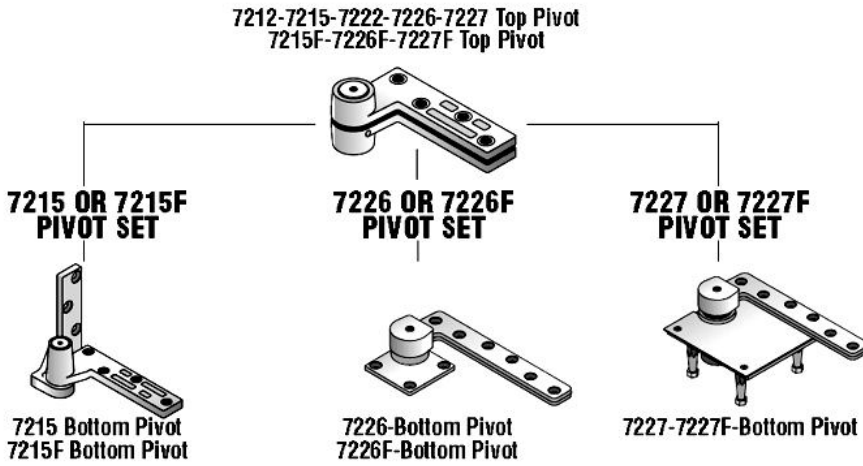
Polished Brass on Stainless Steel	US3	632
Plated Satin Bronze on Stainless Steel	US10	639
Polished Stainless Steel	US32	629
Satin Stainless Steel	US32D	630

*Get in 'swing' with***IVES****Gulf States Door Control**

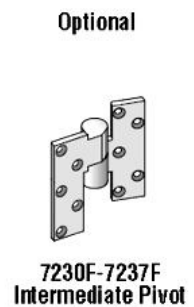
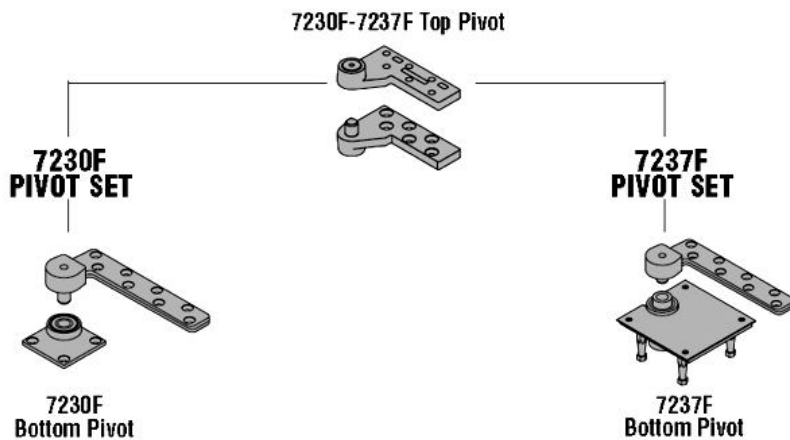
3/4" Offset Pivots - 200 Lb. Doors



3/4" Offset Pivots - Standard and Fire-Rated - 500 to 700 Lb. Doors

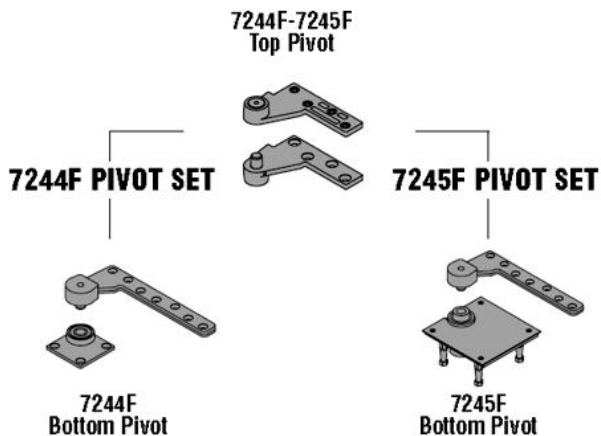


3/4" Offset Pivots - Fire-Rated - 1000 to 1750 Lb. Doors



7200 SERIES PIVOTS

1-1/2" Offset Pivots - Fire-Rated - 400 to 500 Lb. Doors

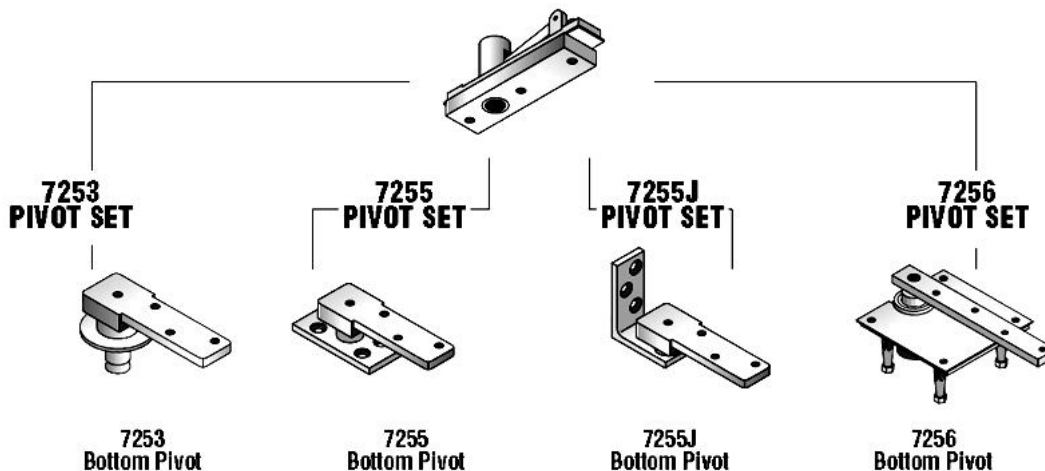


Optional



Center Hung Pivots - 300 to 600 Lb. Doors

7253-7255-7255J-7256 Top Pivot

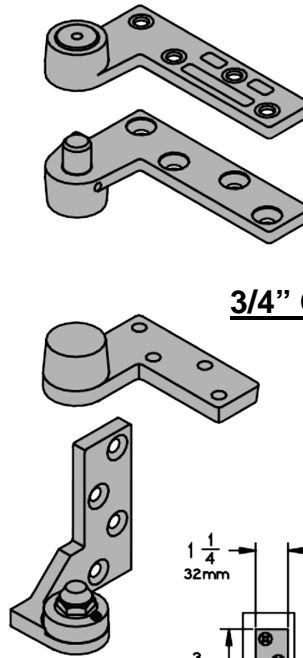


Center Hung Pivots - 1000 Lb. Doors

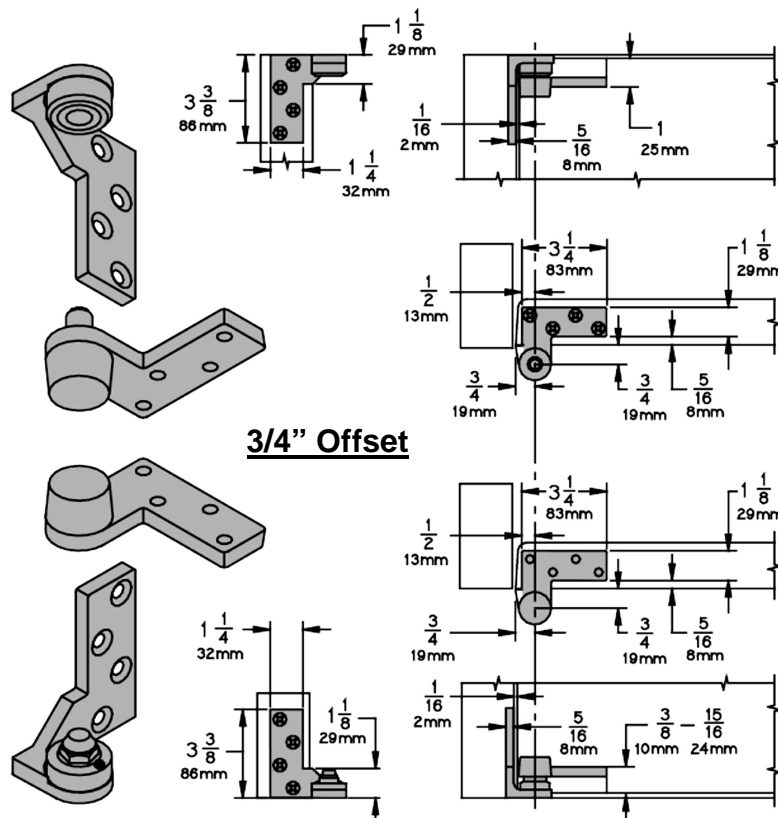
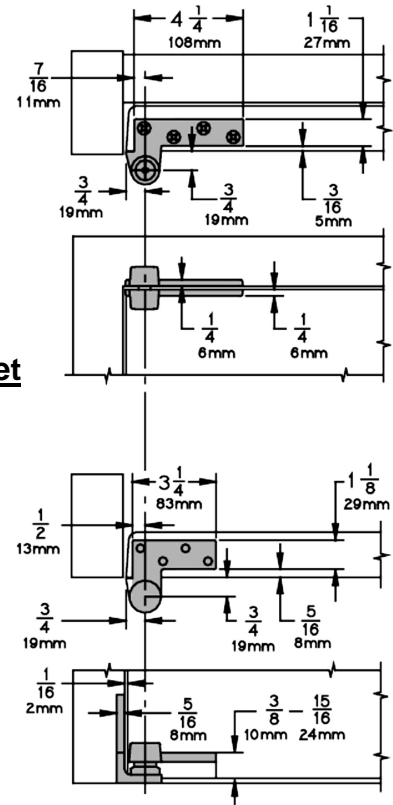


7212 Pivot Set

- Handed 3/4" offset pivot set consisting of a jamb mounted 7212 Bottom Pivot (handed), and a headframe mounted 7212 Top Pivot (non-handed).
- Door Thickness minimum 1-3/4" (44mm), bevel 1/8" (3mm) in 2" (51mm).
- Center Line Offset 3/4" (19mm) from face of door and 3/4" from edge of door.
- Maximum Load 200 pounds (91 kg).
- Vertical Adjustment Range of 3/16" (5mm), which includes a positive locking feature.
- Optional 7212 Intermediate Pivot (handed) carries up to an additional 100 pounds (45.5 kg) load or needed for doors over 7'.



3/4" Offset

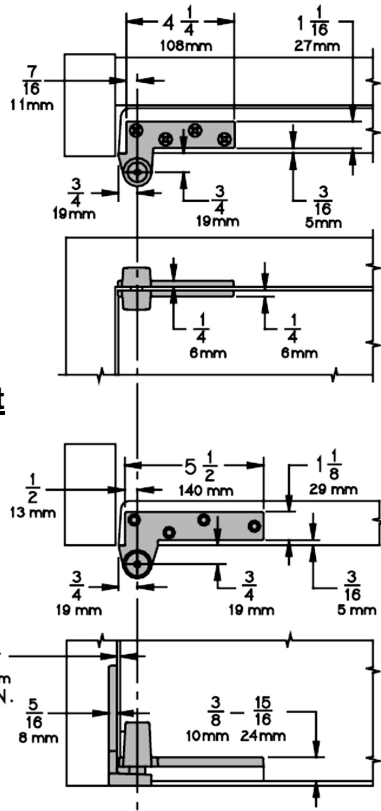
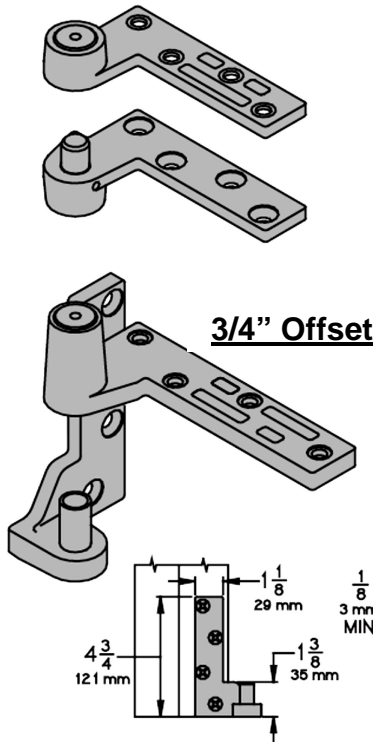


3/4" Offset

7212V Pivot Set

- Handed 3/4" offset pivot set consisting of a jamb mounted 7212 Bottom Pivot (handed), and a jamb mounted 7212V Top Pivot (handed).
- Door Thickness minimum 1-3/4" (44mm), bevel 1/8" (3mm) in 2" (51mm).
- Center Line Offset 3/4" (19mm) from face of door and 3/4" from edge of door.
- Maximum Load 200 pounds (91 kg).
- Vertical Adjustment Range of 3/16" (5mm), which includes a positive locking feature.
- Optional 7212 intermediate Pivot (handed) carries up to an additional 100 pounds (45.5 kg) load or needed for doors over 7'.





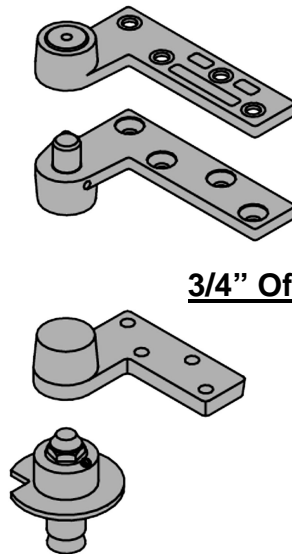
7215 or 7215F Pivot Sets

- Handed 3/4" offset pivot set consisting of a jamb mounted 7215 or 7215F Bottom Pivot (handed) and a head frame mounted 7215 or 7215F Top Pivot, (non-handed).
- Door Thickness minimum 1-3/4" (44mm), bevel 1/8" (3mm) in 2" (51mm).
- Center Line Offset 3/4" (19mm) from face of door and 3/4" from edge of door.
- Maximum Load 500 pounds (227 kg).
- UL Listed 7215 for 20 minute rated door. 7215F for 3 hour rated door.
- 7215F meets ANSI/BHMA Grade 1.
- Vertical Adjustment Range of 3/16" (5mm), which includes a positive locking feature.
- Optional Intermediate Pivot For 7215 set use 7215 Intermediate Pivot (handed). For 7215F set use 7215 Intermediate Pivot (handed). Each Intermediate Pivot carries up to an additional 100 pounds (45.5 kg) load or needed for doors over 7'.
- Optional 7215 PT Power Transfer Intermediate Pivot (handed). Provides 4 wire transfer with no weight bearing capabilities.

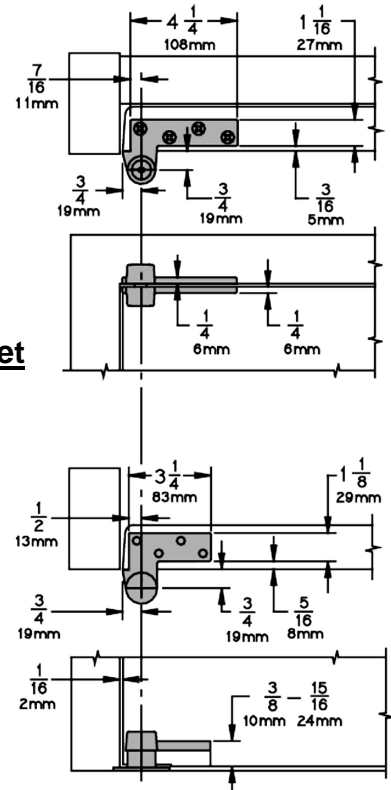
7222 SERIES

7222 Pivot Set

- Handed 3/4" offset pivot set consisting of a base plate mounted 7222 Bottom Pivot (handed), and a head frame mounted 7222 Top Pivot (non-handed).
- Door Thickness minimum 1-3/4" (44mm), bevel 1/8" (3mm) in 2" (51mm).
- Center Line Offset 3/4" (19mm) from face of door and 3/4" from edge of door.
- Maximum Load 200 pounds (91 kg).
- Vertical Adjustment Range of 3/16" (5mm), which includes a positive locking feature.
- Optional 7222 Intermediate Pivot (handed) carries up to an additional 100 pounds (45.5 kg) load or needed for doors over 7'.



3/4" Offset

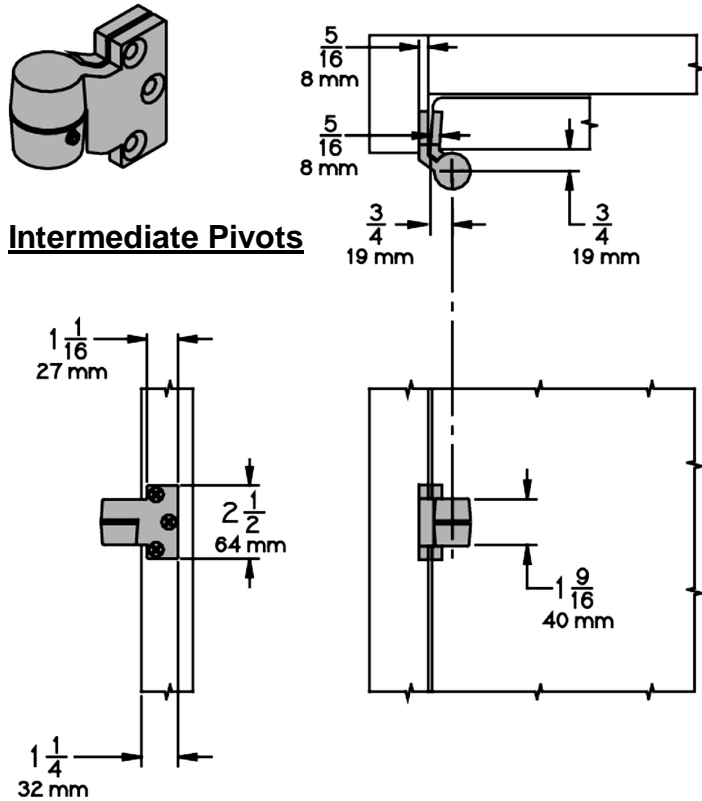


General Information

- Door Height NFPA 80, Section 3-8.3, requires additional intermediate pivot for some fire-rated doors. We recommend one for every 2'6" (762mm), or fraction thereof, door height over 5'0" (1524mm).
- Door Weight exceeding pivot set limit, add one intermediate pivot for each 100 lbs. (45.5 kg) additional.
- Door Thickness minimum 1-3/4" (44mm), bevel 1/8" (3mm) in 2" (51mm).

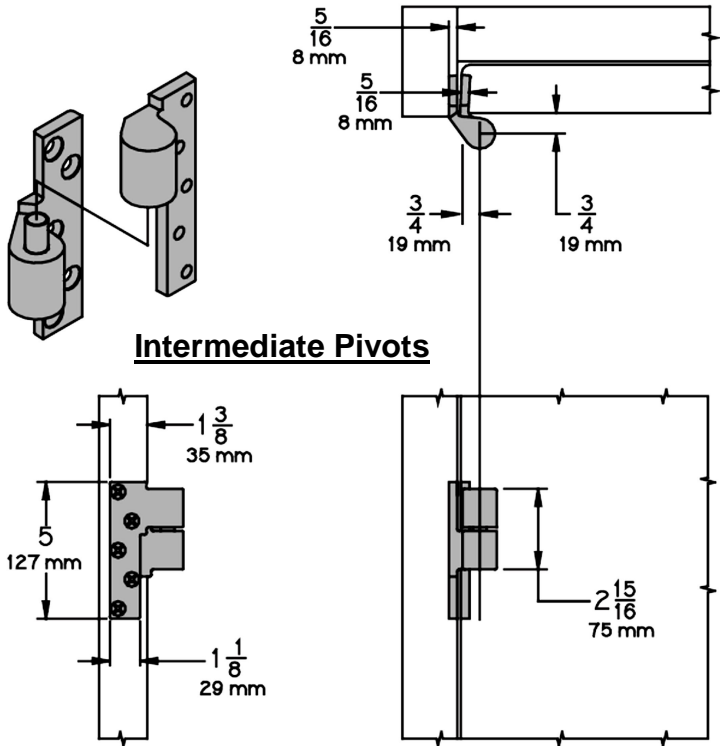
7212-7212V-7222 INT

- Handed 3/4" offset pivots compatible with the following pivot sets: 7212, 7212V and 7222.
- Maximum Load 100 pounds (45.5 kg).
- Vertical Adjustment Range of 3/16" (5mm), which includes a positive locking feature.
- Finishes: US3, US4, US10, US10B, US26, US26D, SP4, SP10, SP28, SP313 and SPBLK.



7215-7226-7227 INT

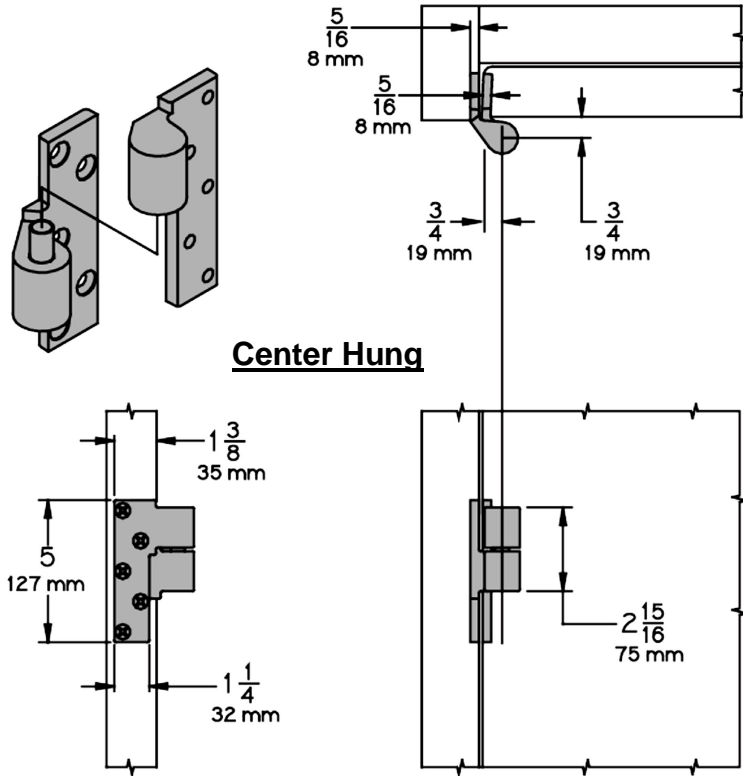
- Handed 3/4" offset pivots compatible with the following pivot sets: 7215, 7226 and 7227.
- Maximum Load 100 pounds (45.5 kg).
- UL Listed for 20 minute rated door.
- Meets ANSI/BHMA Grade 1.
- Vertical Adjustment Range of 3/16" (5mm), which includes a positive locking feature.
- Finishes: US3, US4, US10, US10B, US26, US26D, SP4, SP10, SP28, SP313 and SPBLK.



7215F-7226F-7227F INT

- Handed 3/4" offset pivots compatible with the following pivot sets: 7215F, 7226F and 7227F.
- Maximum Load 100 pounds (45.5 kg).
- UL Listed for 3 hour rated door.
- Meets ANSI/BHMA Grade 1.
- Vertical Adjustment Range of 3/16" (5mm), which includes a positive locking feature.
- Finishes: US3, US10, US32, US32D, SP4, SP10, SP28, SP313 and SPBLK.





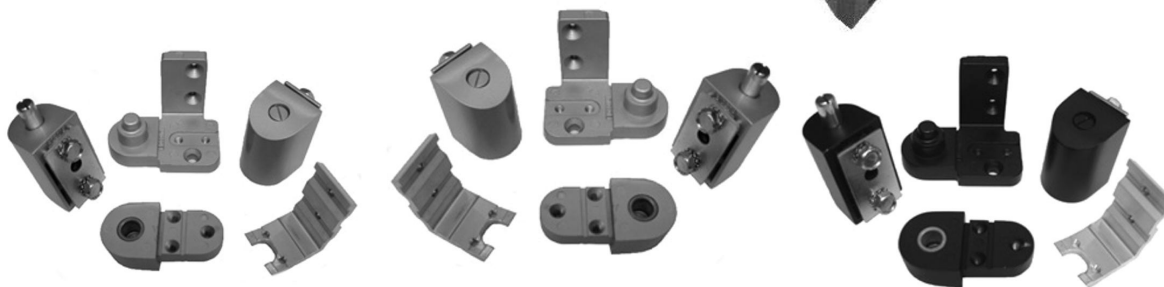
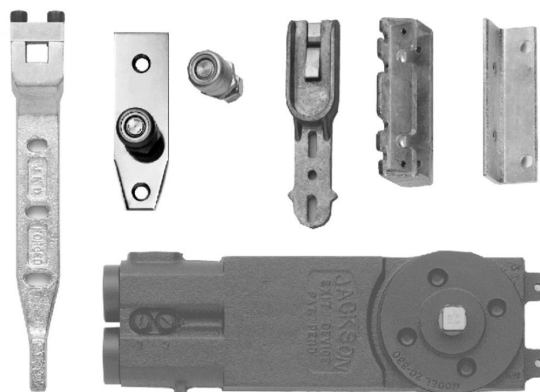
Center Hung

7253 Pivot Set

- Center hung pivot set consisting of base plate mounted 7253 Bottom Pivot and a head frame mounted 7253 Top Pivot.
- Maximum Load 300 pounds (136 kg).
- Easy Installation Tilt on bearing and bearing pin.
- Door Thickness minimum 1-3/4" (44mm).
- Radius Stop (A) to clear heel edge of door.
- Pivot Distance (B) 1-3/4" (44mm) minimum from jamb to centerline of pivot pin. Radius heel edge of door, 1-5/8" (41mm) minimum recommended.
- Clearance from bottom edge of door to the floor mounting surface is adjustable from 3/16" (5mm) to 3/4" (19mm) by varying the depth of the mortise (C) in the bottom rail of the door, refer to Table D.
- Over 3/4" (19mm) from the door to floor mounting surface, consult factory.
- Vertical Adjustment based on mortise preparation in bottom rail of the door.



jackson®

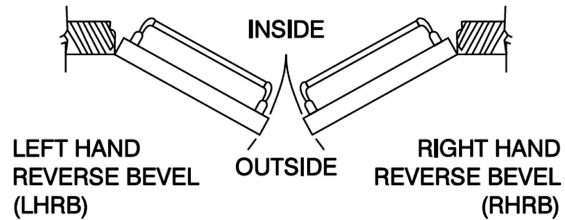
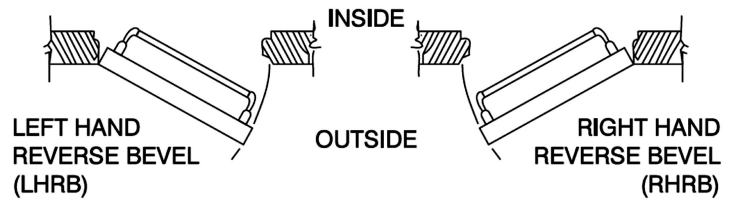


Call (800) 266-4950 Fax (800) 940-3667

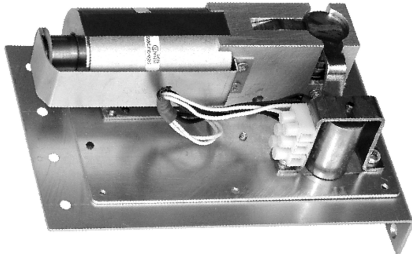


Check us out online @ www.gsdcinc.com

STANDARD FINISHES	
FINISH	DESCRIPTION
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**PAIR OF DOORS****SINGLE DOORS**

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

**Applications**

- Top bolt concealed vertical rod exit devices

Replaces

- Electrified panics
- Electrified trim
- Magnetic locks

Fits inside a 1-3/4" header

Dimensions: 7" long x 4" wide x 1-9/16" high.

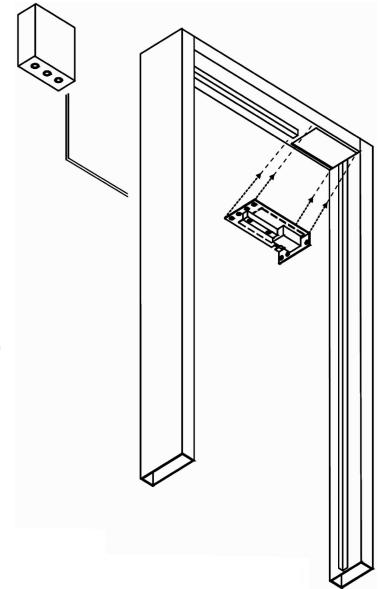
Input: Standard 110

Wiring Run

Do Not Exceed Maximum Length

14AWG - 60ft

12AWG - 100ft

**Features**

- Use with all new and existing Jackson Exit Devices
- Dual Point Latching
- Fail Safe
- Fail Secure
- Continuous dogging capability
- Adjustable "open time" in 5 second increments
- Use with standard 110 input
- Mounts flush with header
- Requires Jackson Electronic Control Module

Part Numbers

- 31-MK1-(hand)-(finish)

MK1 Unit and MK1 electronic Control Module sold together as a package.



ELECTRIFIED 20 SERIES



2085 EL
2086 EL
2095 EL

Wiring Run

Do Not Exceed Maximum Length

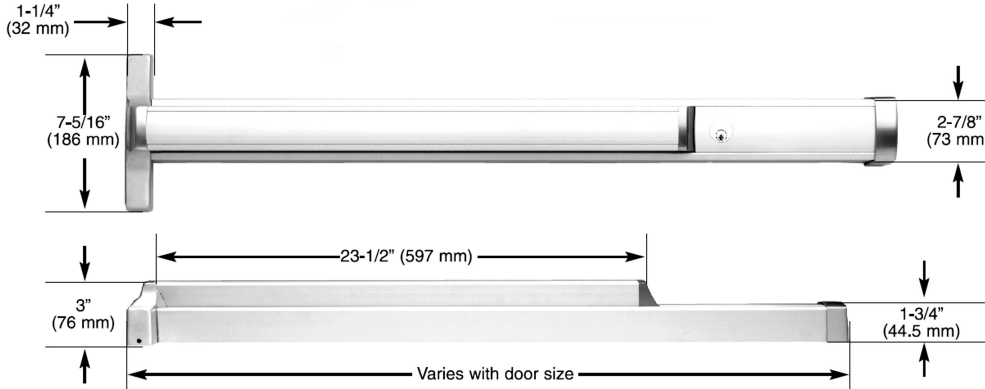
- 16AWF - 40ft
- 14AWG - 60ft
- 12AWG - 100ft

Application

- Aluminum or Hollow Metal Doors

Features

- Fail –secure operations
- Remote locking and unlocking capability
- Solenoid operated latch retraction
- Adjust for brief or extended unlocking periods
- Ideal for after hour card access, automatic fire alarm systems, automatic doors, etc.
- 10 Amp inrush Power Supply Regulator
- 24 Volt DC continuous duty solenoid



ELECTRIFIED ACCESSORIES

Application

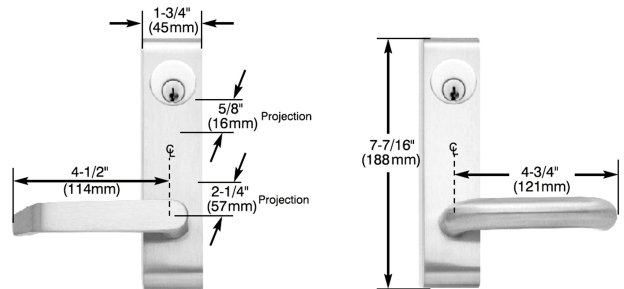
- Key controlled outside trim is available
- 1-3/4" - 2" Door thickness

Features

- Uses standard cylinder (by others)
 - CVR Device - 1" Mortise cyl with MS cam
 - Rim Device - 1" Mortise cyl with MS cam
- Non-Handed
- Thru-bolted
- Available trim configurations
 - Flat-style, Rounded, Dummy
- Electrified Trim (24V, AC/DC)

Specifications

- Continuous Duty - 24VDC
- Current inrush requirements - 0.25 amps
- Continuous Holding - 0.30 amps

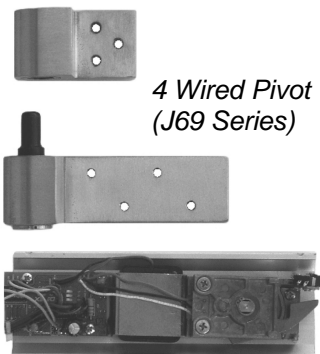


Wiring Run

Do Not Exceed Maximum Length

- 16AWF - 80ft
- 14AWG - 100ft
- 12AWG - 120ft

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

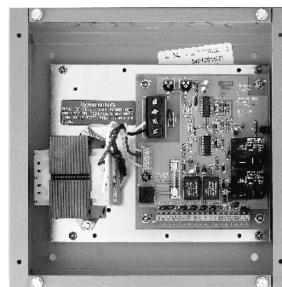


4 Wired Pivot
(J69 Series)

Alarm Unit - 1200ALK

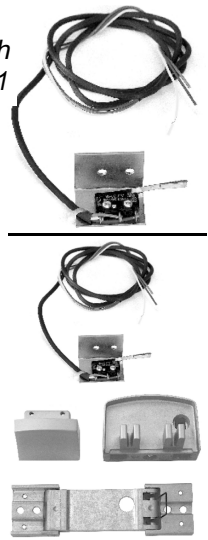


Electric Strike
30-ES95 x finish



Power Supply
30-2616

1200 Series Signal Switch
30-2861



20 Series Signal Switch
30-2989 x finish

Features

- Available as Rim and Concealed Vertical Rod
- Contoured Crossbar
- Available with Push Paddle operation on active side
- Extra heavy duty lever arms and body
- Wear points insulated by nylon sleeves and rollers
- Concealed fastening for added security
- Easy installation



10 SERIES ACCESSORIES



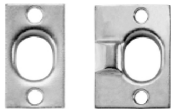
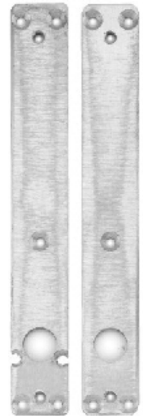
For Doors over 7'0" high:

- 12" Top Rod Extender...30-1347
- 24" Top Rod Extender...30-1348

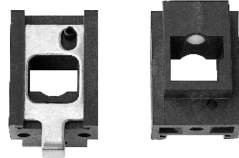


Top & Bottom Bolt
30-763P

Wood Door Mounting Kit
For 1095 Rim Device
30-894



Top & Bottom Strikes
30-1084



Adjustable Top & Bottom Bolt Guides
Top...30-934
Bottom...30-320



Mortise Cylinder
Mounting Pad
30-821J



Top Bolt Trip
30-824



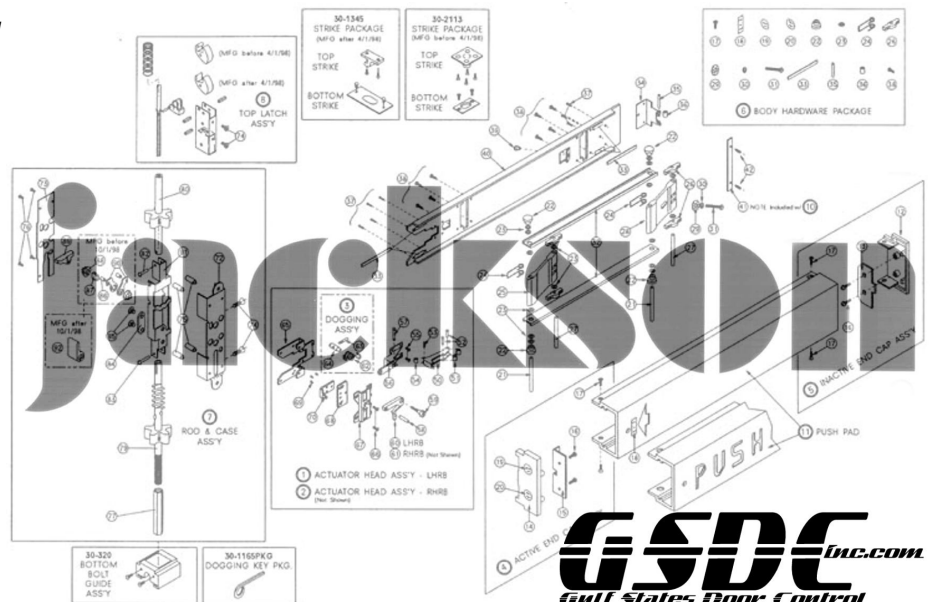
CVR Silencers
30-1552



Surface Mounted
Strike (Standard)
30-2436



Surface Mounted
for use with applied
or blade stop
30-2501



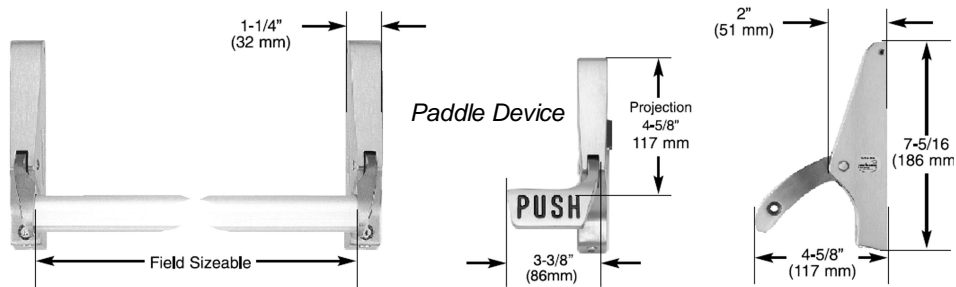
1085 CVR DEVICE

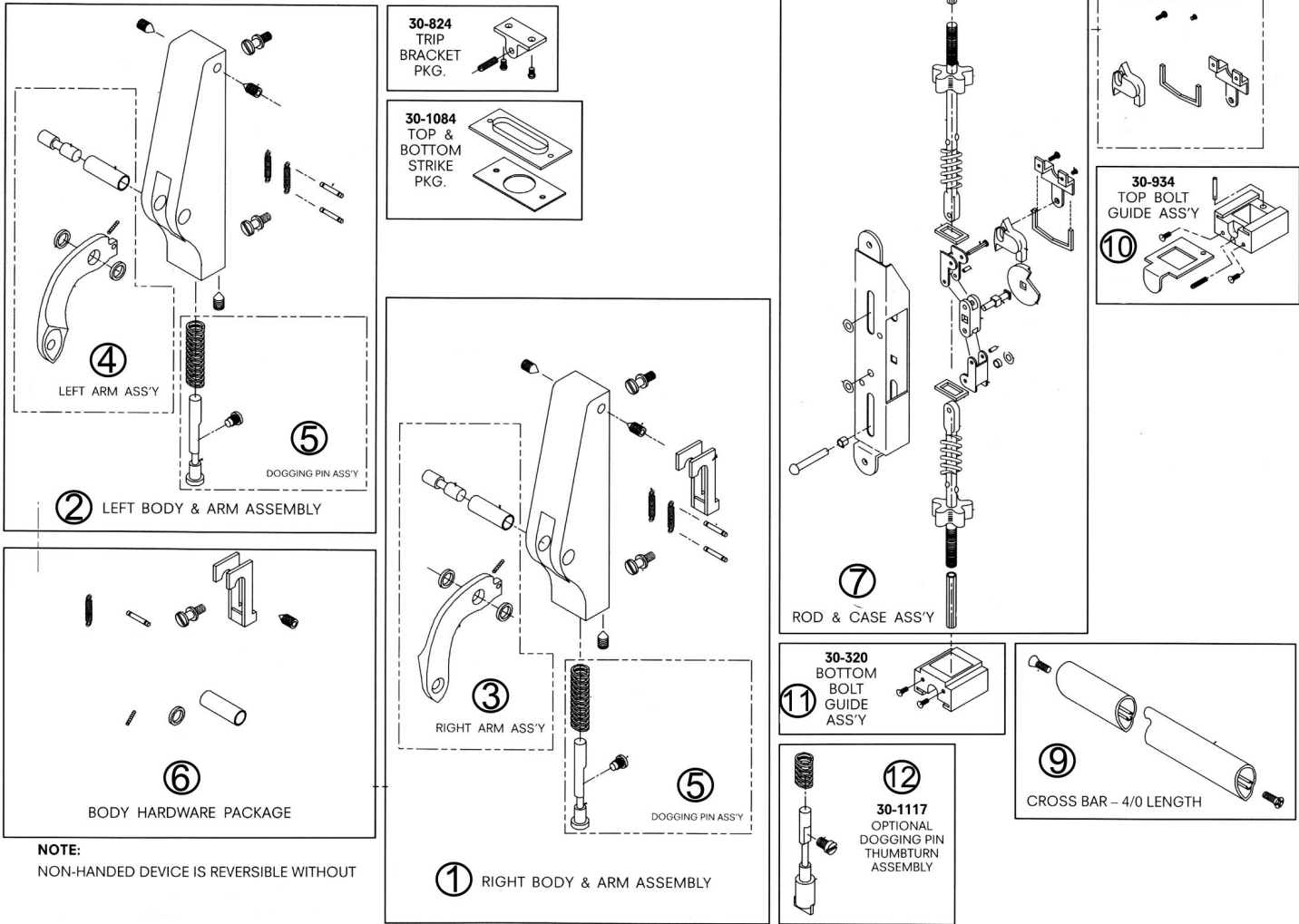
**Applications**

- 1-3/4" Narrow, Medium, or Wide stile aluminum doors
- For use with standard 1-3/4" thick doors (2" mounting optional)

Features

- Non-Handed
- Independent top and bottom bolt action - 1/2" bolt throw
- Trigger action, positive bolt release
- Adjustable bolt guides
- Requires 30-821J Cylinder mounting pad when using mortise cylinder for keyed entry
- Uses standard mortise cylinder with maximum security (MS) type cam
- Foam rubber silencers to quiet rod operation
- Machine screw mounting
- Crossbar mounting height 35-1/2" from bottom of door
- Shipped for standard 7'0" high doors
 - Top Rod Extender - 12" - 30-1347
 - Top Rod Extender - 24" - 30-1348
- Top and Bottom Bolt - 30-763P
- Top and Bottom Strike - 30-1084





NOTE:
NON-HANDED DEVICE IS REVERSIBLE WITHOUT

- | | |
|--|---|
| <p>1 30-982 RIGHT BODY & ARM ASSEMBLY</p> <p>2 30-983 LEFT BODY & ARM ASSEMBLY</p> <p>3 30-1243 RIGHT ARM ASSEMBLY</p> <p>4 30-1242 LEFT ARM ASSEMBLY</p> <p>5 30-1115 DOGGING PIN ASSEMBLY</p> <p>6 30-1409 BODY HARDWARE PACKAGE</p> <p>7 30-915 ROD & CASE ASSEMBLY - 7/0</p> <p>8 30-916/30-865 ROD & CASE HARDWARE PACKAGE/VISTAWALL ROD&CASE</p> | <p>9 30-733-PKG CROSSBAR ASSEMBLY - 4/0</p> <p>10 30-934 TOP BOLT GUIDE ASSEMBLY</p> <p>11 30-320 BOTTOM BOLT GUIDE ASSEMBLY</p> <p>12 30-1117 DOGGING PIN ASSEMBLY - Thumbturn</p> <p>30-824 TRIP BRACKET PACKAGE</p> <p>30-763P TOP or BOTTOM BOLT</p> <p>30-1084 STRIKE PACKAGE - Top & Bottom</p> |
|--|---|

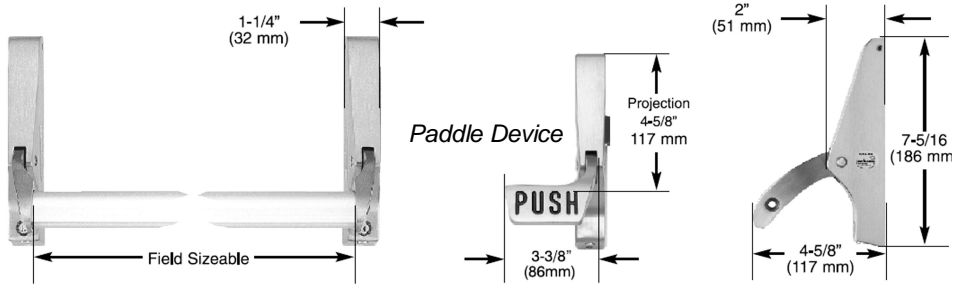
1095 RIM DEVICE

**Features**

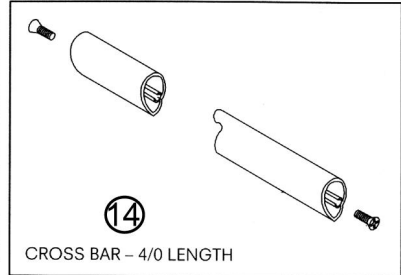
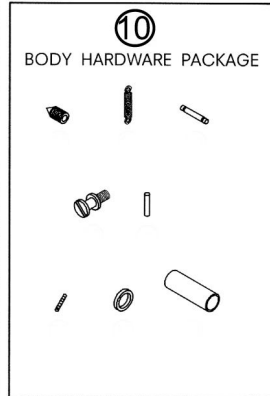
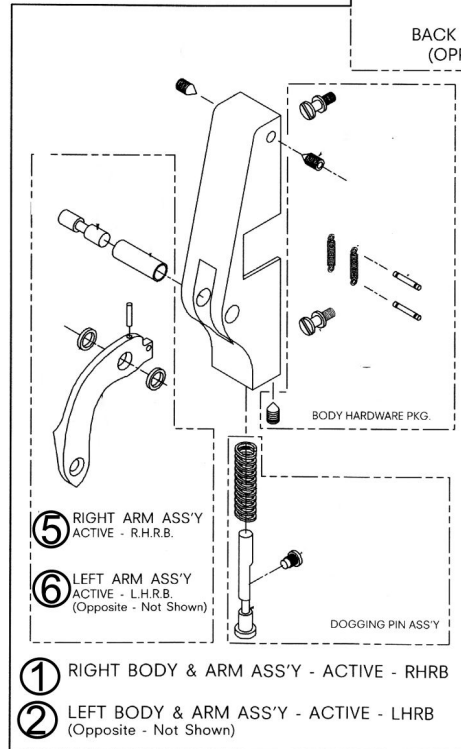
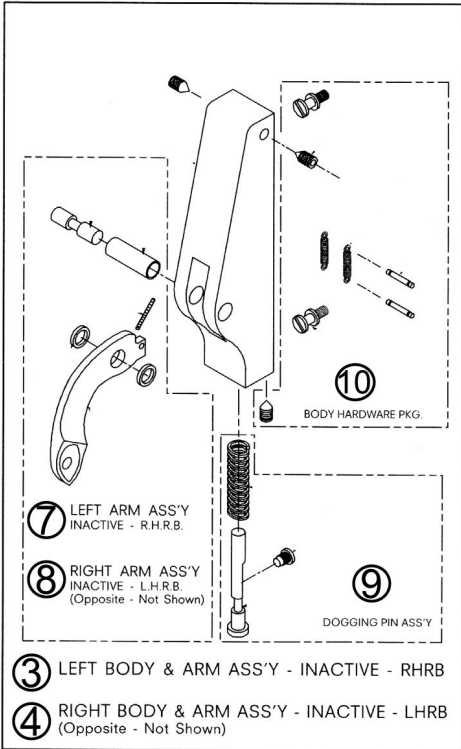
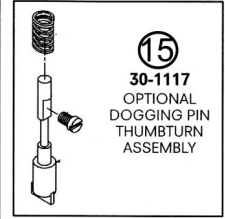
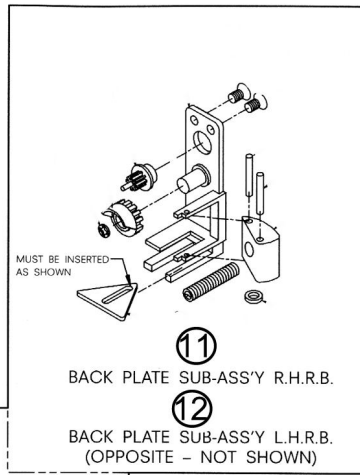
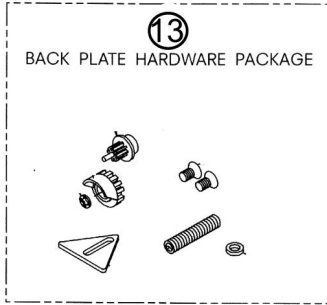
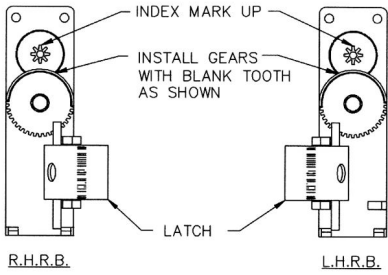
- Handed, Not Reversible
- Uses standard rim cylinder for keyed entry
- Dual Function Operation - Key removable in unlocked position (standard), Night Latch function, and key removable in locked position only.
- Adjustable Strike options
 - Type 'C' (standard) - 30-2436
 - Type 'S' - 30-2501 (use with applied or blade stop)

Applications

- Aluminum, Wood, or Hollow Metal Doors



ORIENTATION OF THE BACK PLATE GEAR ASSEMBLY
FOR R.H.R.B. DOORS FOR L.H.R.B. DOORS



- | | |
|--|---|
| 1 30-988 RIGHT BODY & ARM ASSEMBLY - ACTIVE - RHRB | 9 30-1115 DOGGING PIN ASSEMBLY |
| 2 30-989 LEFT BODY & ARM ASSEMBLY - ACTIVE - LHRB | 10 30-851 BODY HARDWARE PACKAGE |
| 3 30-990 LEFT BODY & ARM ASSEMBLY - INACTIVE - RHRB | 11 30-846 BACK PLATE SUB-ASSEMBLY - RHRB |
| 4 30-991 RIGHT BODY & ARM ASSEMBLY - INACTIVE - LHRB | 12 30-847 BACK PLATE SUB-ASSEMBLY - LHRB |
| 5 30-1247 RIGHT ARM ASSEMBLY - ACTIVE - RHRB | 13 30-852 BACK PLATE HARDWARE PACKAGE |
| 6 30-1248 LEFT ARM ASSEMBLY - ACTIVE - LHRB | 14 30-733 PKG CROSSBAR ASSEMBLY - 4/0 |
| 7 30-1242 LEFT ARM ASSEMBLY - INACTIVE - RHRB | 15 30-1117 DOGGING PIN ASSEMBLY - THUMBTURN |
| 8 30-1243 RIGHT ARM ASSEMBLY - INACTIVE - LHRB | (Optional) |



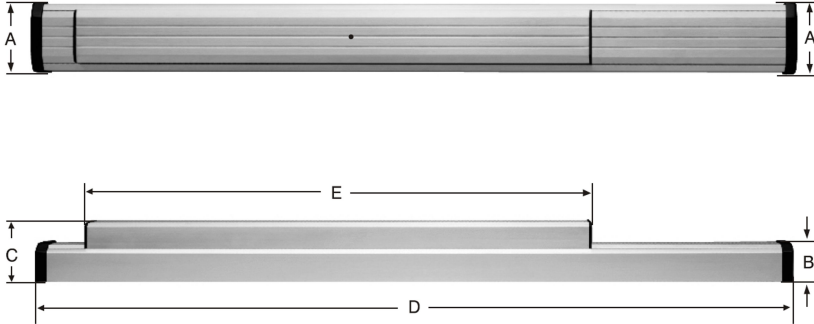
1200 SERIES



Features

- Field sizeable
- Audible alarm package available
- Optional signage push pad for custom messaging

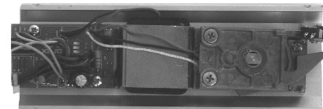
- Available as Rim and Concealed Vertical Rod devices.
- "Soft Touch" smooth action push pad
- Easy access dogging system
- Optional Cylinder Dogging
- Available with key controlled and matching inactive outside trim
- Durable external and internal components for long lasting dependable service
- Easy to retrofit existing Jackson 10 series CVR devices.
- Quick and simple installation



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 ACCESSORIES

1200 Series Signal Switch
30-2861



Alarm Unit - 1200ALK



Surface Mounted Strike (Standard)
30-2436



CVR Silencers
30-1552



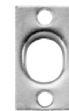
Surface Mounted for use with applied or blade stop
30-2501



Top & Bottom Bolt
30-763P



Top Bolt Trip
30-824



Top & Bottom Strikes
30-1084



For Doors over 7'0" high:

- 12" Top Rod Extender...30-1347
- 24" Top Rod Extender...30-1348



Adjustable Top & Bottom Bolt Guides
Top...30-934
Bottom...30-320



Mortise Cylinder Mounting Pad
30-821J



Applications

- 1-3/4" Narrow, Medium, or Wide Stile Aluminum Doors
- For use with standard 1-3/4" thick doors (2" mounting 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



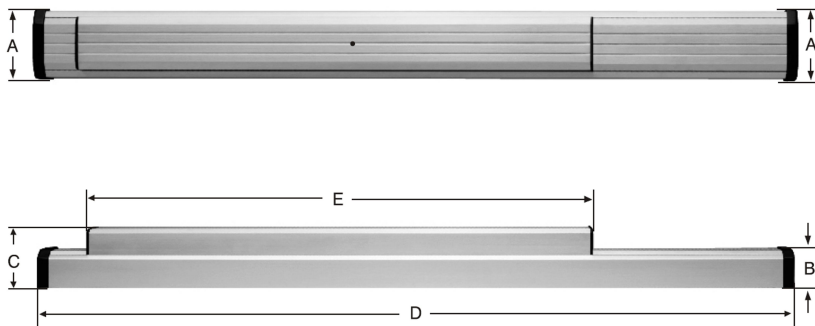
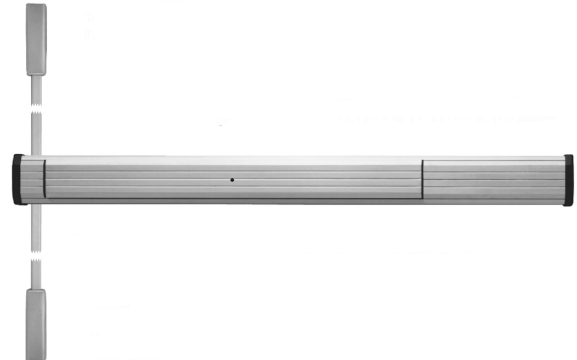
1275 SVR DEVICE

Applications

- **The 1275 model is a Surface Vertical Rod Device suitable for wood or metal doors**

Features

- Non-Handed
- Field Sizeable
 - Door Widths: 28-48 inches
 - Door Heights: 80-120 inches
- Touchbar mounting height centerline at 40" 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.



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

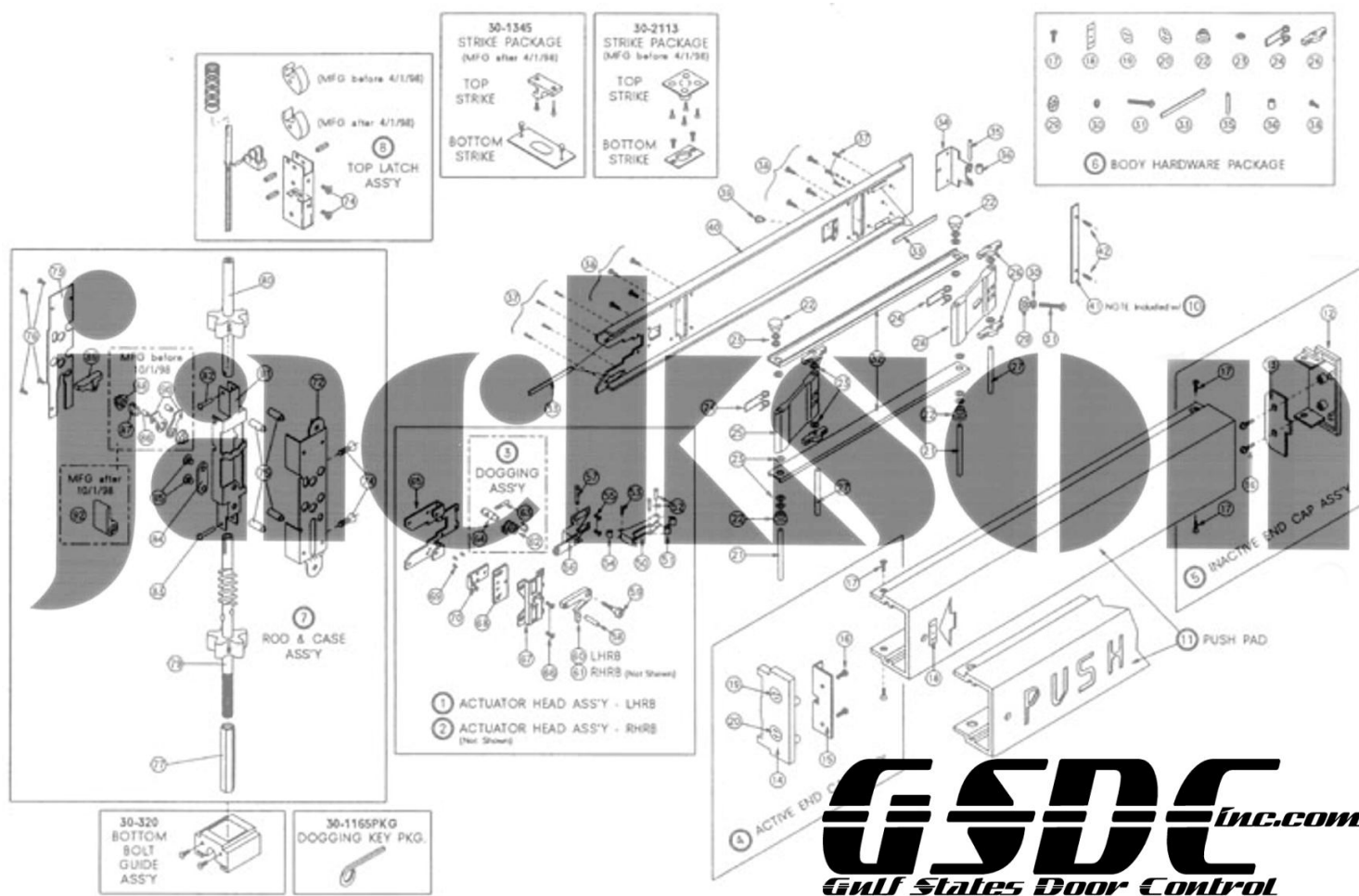




October 6, 1983

The 1983 World Series matched the American League champion Baltimore Orioles against the National League champion Philadelphia Phillies, with the Orioles winning four games to one.

"The I-95 Series" - like the World Series two years later, also took its nickname from the Interstate that it took for the teams and fans to travel on--I-95 in this case.



GSDC *INC.COM*
 Gulf States Door Control

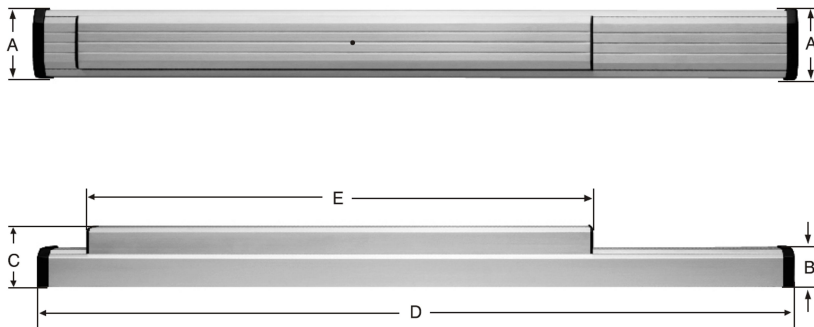
1285 CVR SERIES

**Applications**

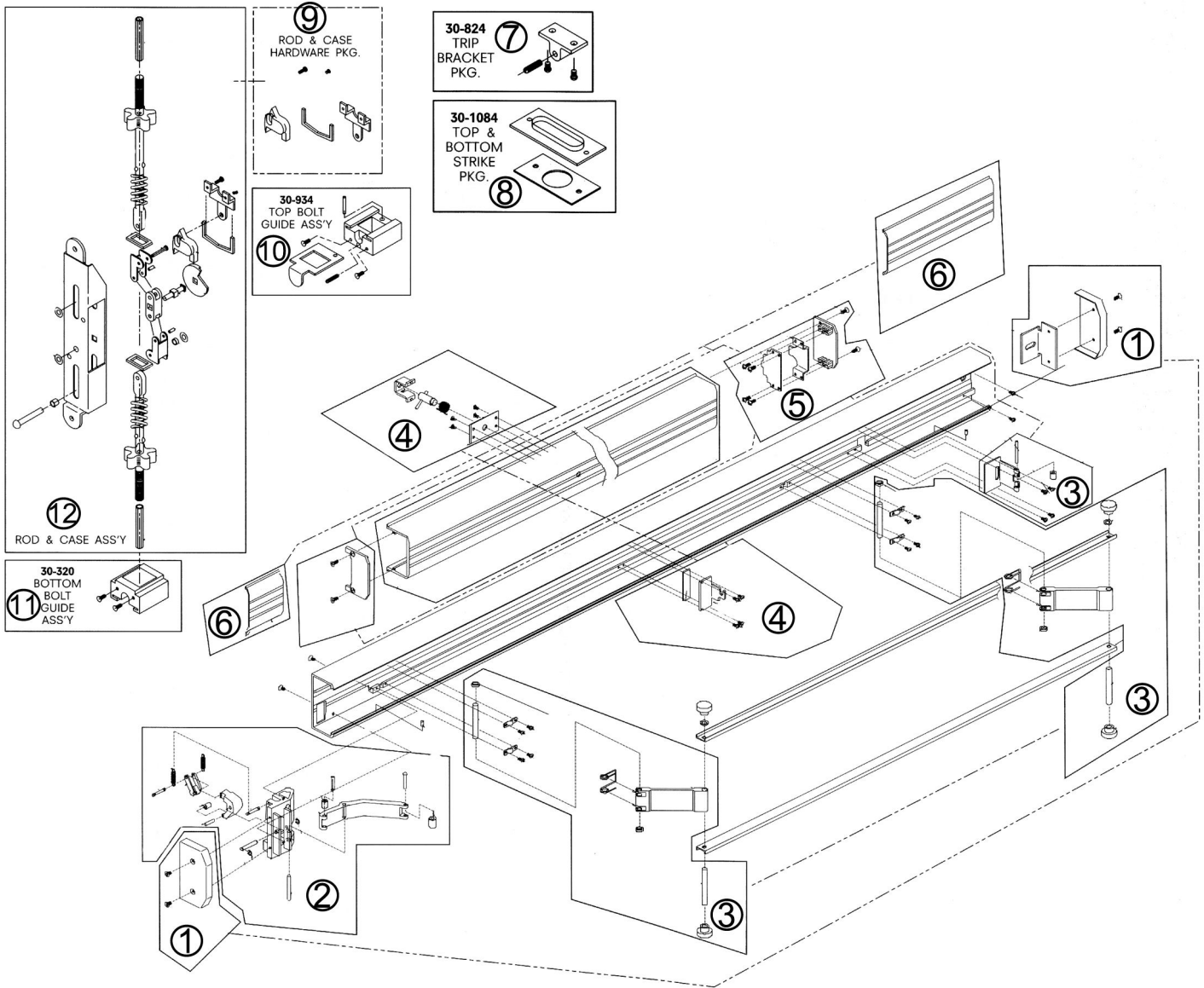
- Narrow, Medium, and Wide Stile Aluminum Doors.
- Shipped for use with standard 1-3/4" thick doors - 2"

Features

- Concealed Vertical Rod features top and bottom bolt design
- Independent top and bottom bolt action 5/8" bolt throw
- Trigger action, positive bolt throw
- Adjustable bolt guides to allow bolt adjustment during installation
- Handed - Not reversible
- Requires 30-821J Cylinder mounting pad when using mortise cylinder for keyed entry
- Uses standard mortise cylinder with maximum security type cam
- Foam rubber washers to help quiet rod operation
- Machine screw type fasteners
- Pushpad centerline at 40" from bottom of door
- Rod length shipped standard for 7'0" high doors



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



- | | | | |
|-----------|--------------------------------|------------|-------------------------------|
| 1 30-2661 | BASE END CAP PACKAGE | 7 30-824 | TRIP PACKAGE |
| 2 30-2669 | ACTUATING LIFT ASSEMBLY (LHRB) | 8 30-1084 | STRIKE PACKAGE - TOP & BOTTOM |
| 2 30-2675 | ACTUATING LIFT ASSEMBLY (RHRB) | 9 30-916 | ROD & CASE HARDWARE PACKAGE |
| 3 30-2664 | CONTROL ARM HARDWARE PACKAGE | 10 30-934 | TOP BOLT GUIDE ASSEMBLY |
| 4 30-2670 | DOGGING ASSEMBLY | 11 30-320 | BOTTOM BOLT GUIDE ASSEMBLY |
| 5 30-2697 | END CAP PACKAGE 18.53 | 12 30-2452 | ROD & CASE ASSEMBLY - 7/0 |
| 6 30-2674 | COVER PLATE PACKAGE | | |

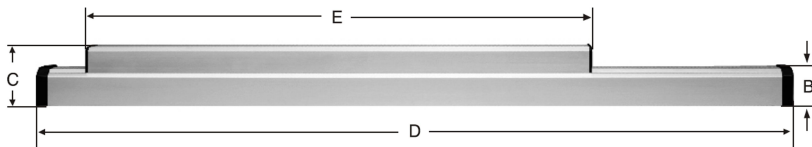
1295 RIM DEVICE

**Application**

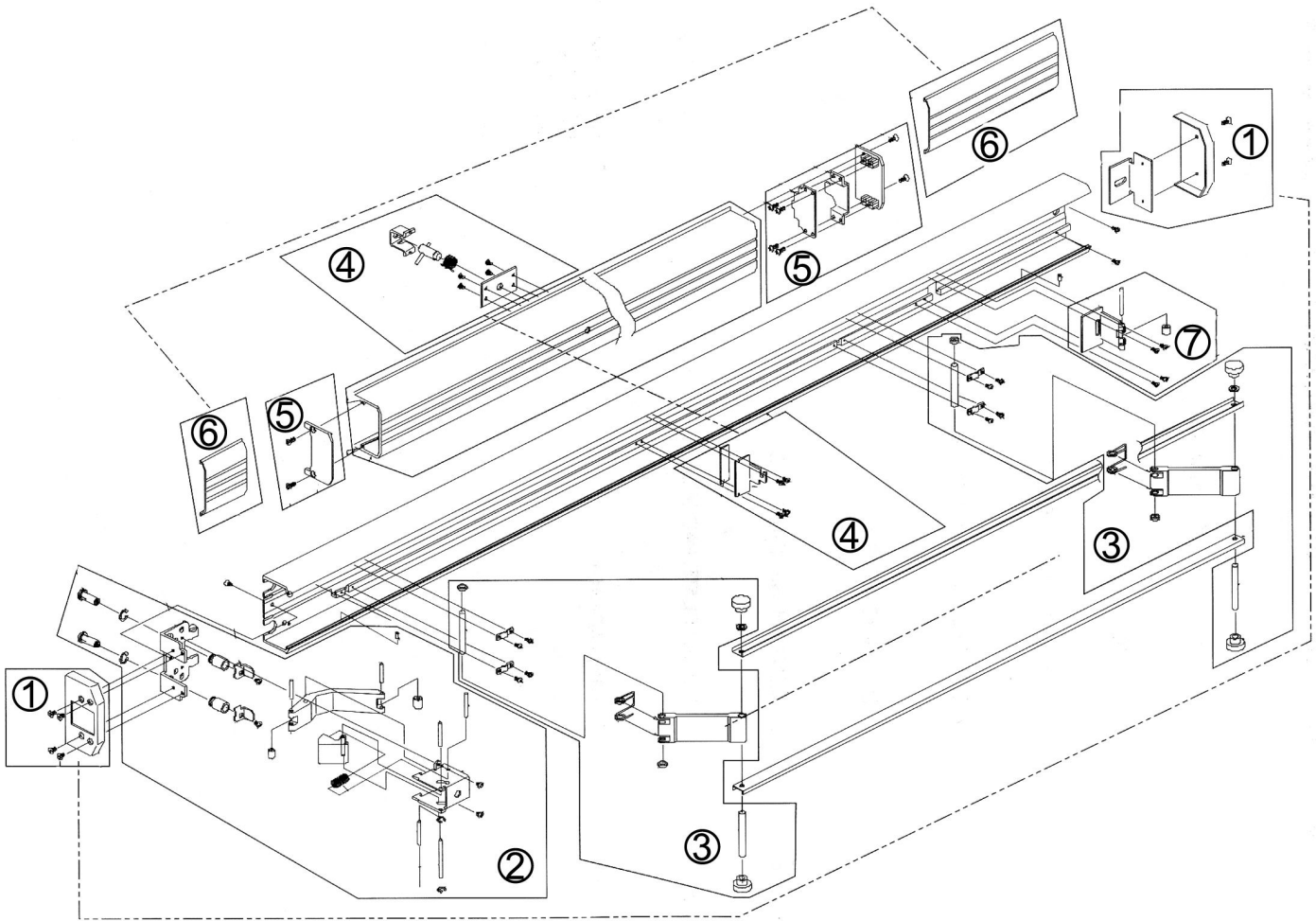
- Aluminum, Wood, or Hollow Metal Doors

Features

- Rim device features 3/4" throw latchbolt
- Non-Handed
- Uses standard rim cylinder for keyed entry

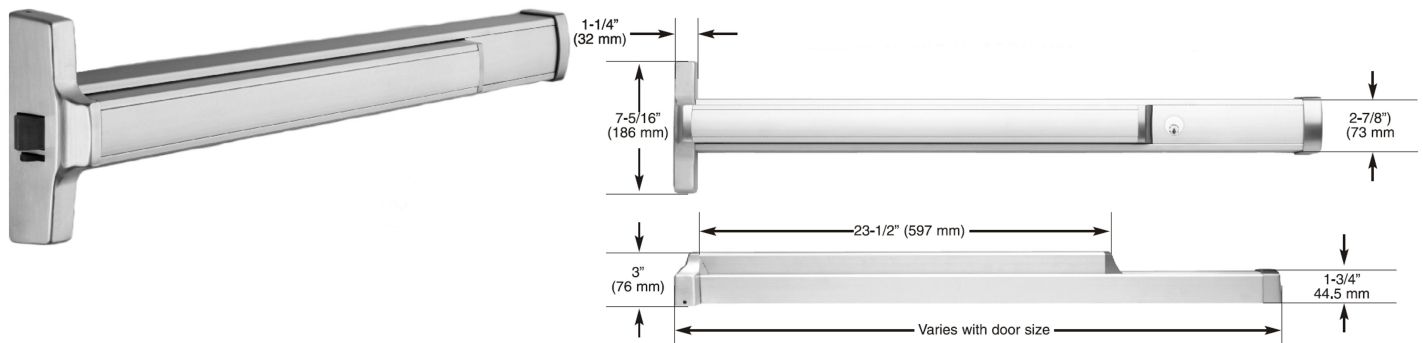


Description	inches	mm
A = Base Height	3-3/16	81
B = Base Projection	1-9/16	40
C = Overall Projection	2-13/16	71
D = Overall Length	Varies with door size	
E = Touch Pad Length	3/0 =24	610
	4/0-2 =24	610

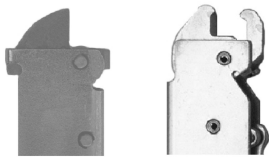


- 1 30-2677 BASECOVER PLATE PACKAGE
- 2 30-2679 LATCH ASSEMBLY PACKAGE
- 3 30-2664 CONTROL ARM HARDWARE PACKAGE
- 4 30-2670 DOGGING ASSEMBLY
- 5 30-2697 PUSH PAD END CAP PACKAGE
- 6 30-2674 COVER PLATE PACKAGE

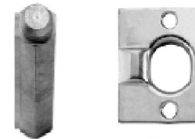
20 SERIES

**Features**

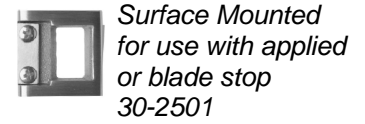
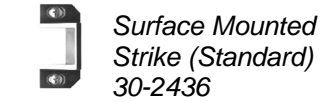
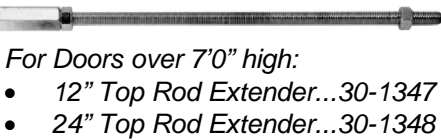
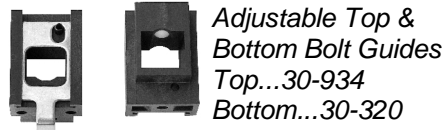
- Handed - Not Reversible
- Available as Rim and Concealed Vertical Rod devices.
- "Soft Touch" smooth action push pad
- Easy access dogging system
- Optional Cylinder Dogging or Front Dogging available
- Available with key controlled and matching inactive dummy trim
- Concealed easy to use dogging system
- Concealed fastening for added security
- Durable external and internal components for long lasting dependable service
- Concealed Vertical Rod model is available with either Top Bolt or Top Latch design
- Certified ANSI 156.3 Grade 1
- Trim available
- Quick and simple installation

2085 Top Latch

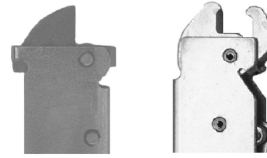
- Positive locking, spring loaded top latch design for increased security.
- Shipped for standard 7'0" door
 - Top Rod Extender - 12"...30-1347
 - Top Rod Extender - 24"...30-1348
- Top Strike...30-1305
- Bottom Bolt....30-763P
- Bottom Strike...30-412
- Pullman Latch (optional)...30-2770

2086 Top Bolt

- Independent top nad bottom bolt action - 1/2"
- Trigger action, positive bolt release
- Shipped for standard 7'0" door
 - Top Rod Extender - 12"...30-1347
 - Top Rod Extender - 24"...30-1348
- Top and Bottom Bolt....30-763P
- Top and Bottom Strike...30-1084



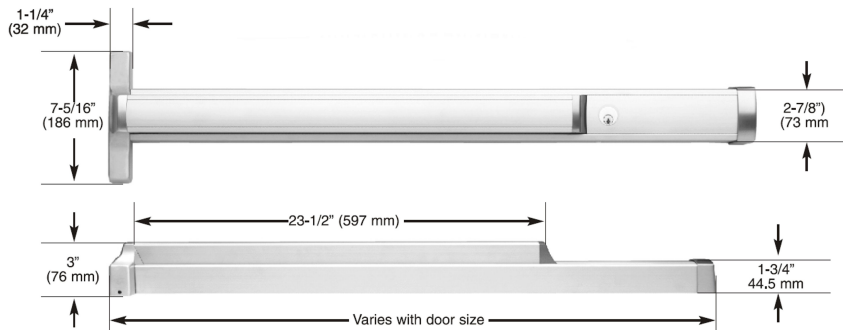
2085 CVR DEVICE

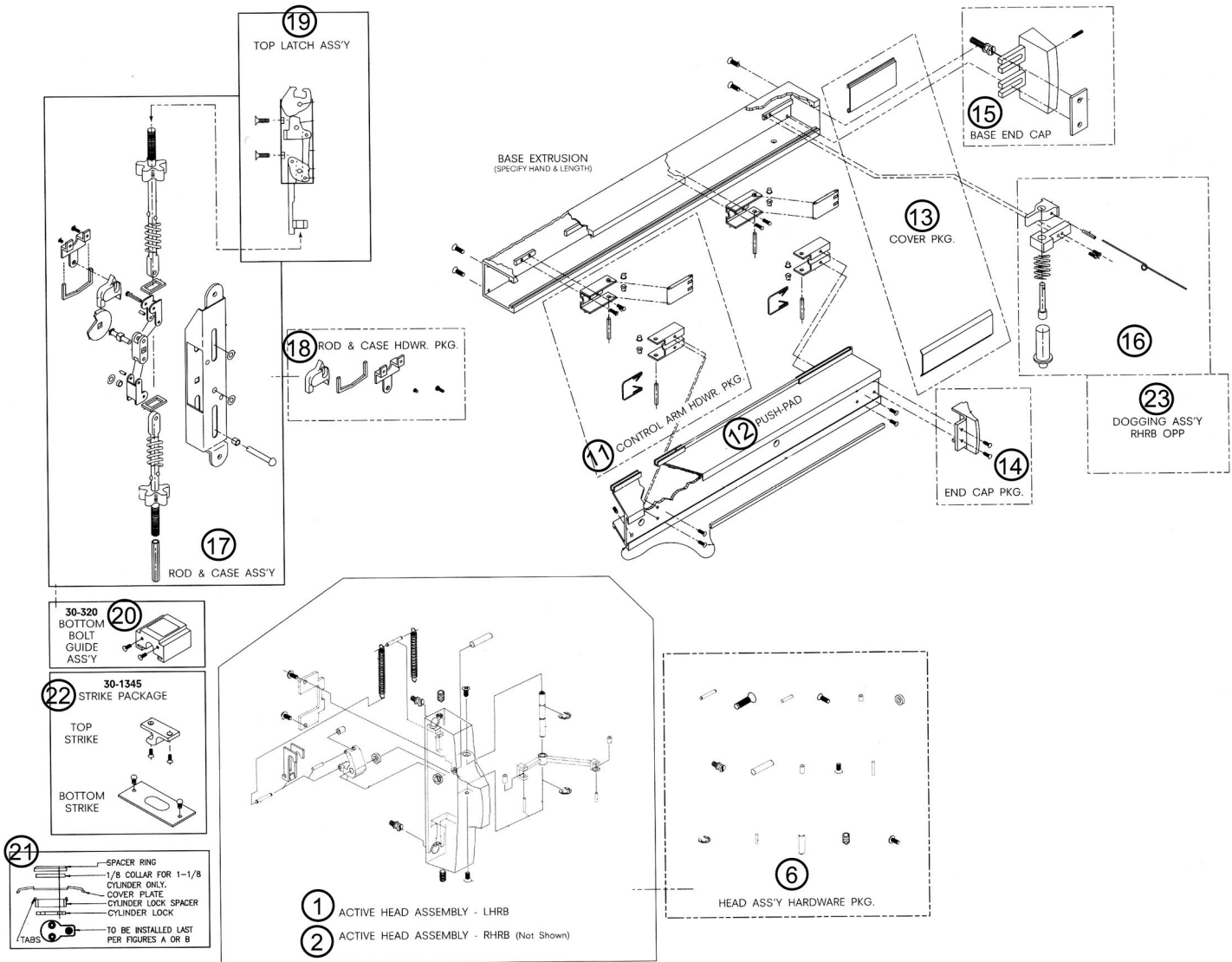
**2085 Top Latch****Applications**

- Narrow, Medium, and Wide Stile Aluminum Doors.
- Shipped for use with standard 1-3/4" thick doors - 2" is available upon request

Features

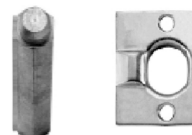
- Adjustable bolt guides to allow bolt adjustment during installation
- Handed - Not reversible
- Requires 30-821J Cylinder mounting pad when using mortise cylinder for keyed entry
- Uses standard mortise cylinder with maximum security (MS) type cam.
- Foam rubber silencers to quiet rod operation
- Machine screw fasteners
- Touchbar mounting height centerline at 38" from bottom of door





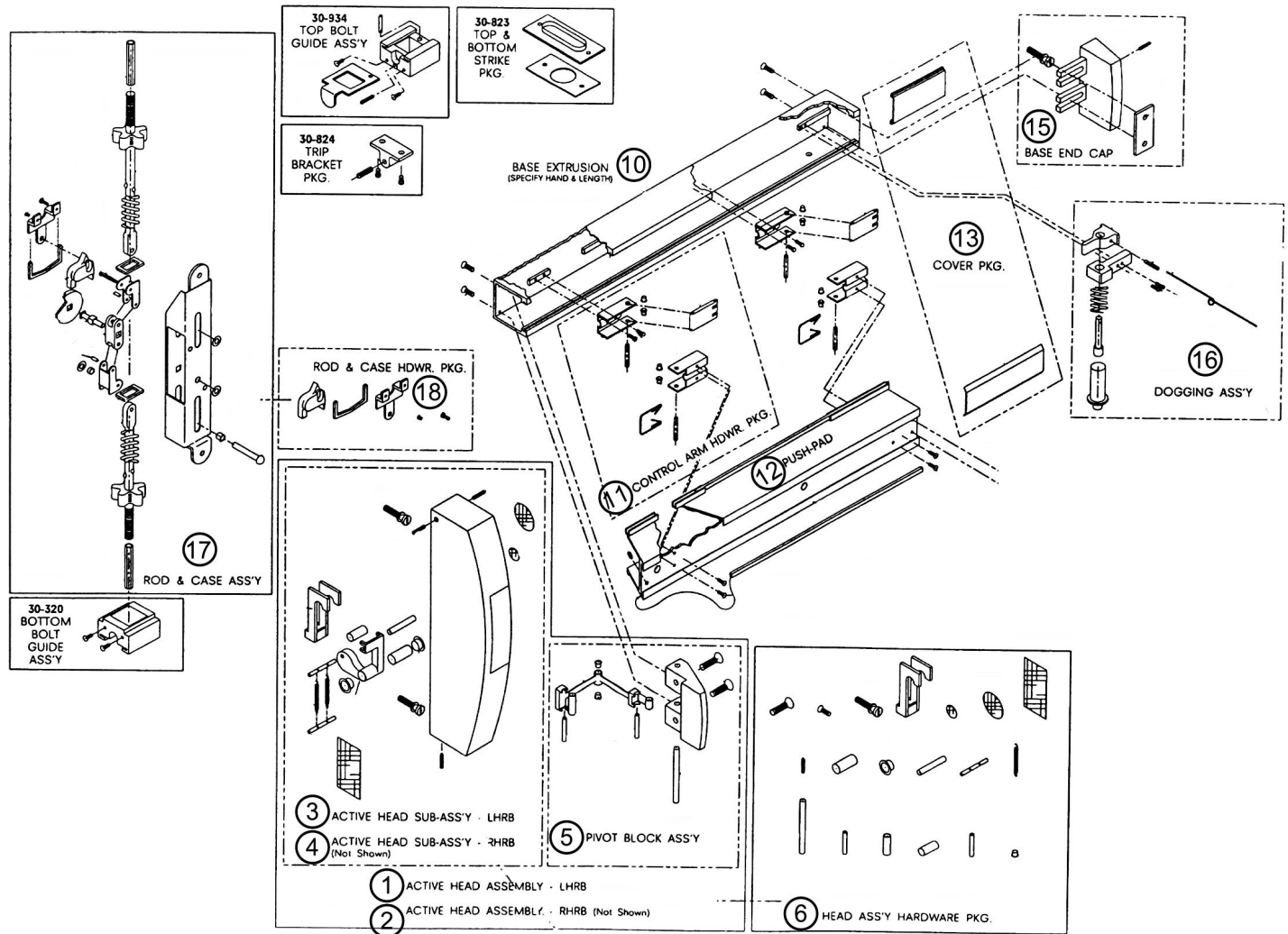
- | | |
|--|--|
| 1 30-2617 COMPLETE ACTIVE HEAD ASSEMBLY - LHRB | 16 30-2467 DOGGING ASSEMBLY (LHRB) SHOWN |
| 2 30-2619 COMPLETE ACTIVE HEAD ASSEMBLY - RHRB | 17 30-1287 ROD & CASE ASSEMBLY - 7/0 |
| 6 30-2607 HEAD ASSEMBLY HARDWARE PACKAGE | 18 30-916 ROD & CASE HARDWARE PACKAGE |
| 11 30-1064 CONTROL ARM HARDWARE PACKAGE | 19 30-1311 TOP LATCH ASSEMBLY |
| 12 30-1048-PKG PUSH-PAD PACKAGE | 20 30-320 BOTTOM BOLT GUIDE ASSEMBLY |
| 13 30-1063 COVER PLATE PACKAGE | 21 30-2671 CYLINDER DOGGING KIT PKG. |
| 14 30-1265 PUSH-PAD END CAP PACKAGE | 30-763P BOTTOM BOLT |
| 15 30-1266 BASE END CAP PACKAGE | 22 30-1345 STRIKE PACKAGE Top & Bottom |
| | 23 30-2462 DOGGING ASSEMBLY (RHRB) OPP |

2086 Top Bolt

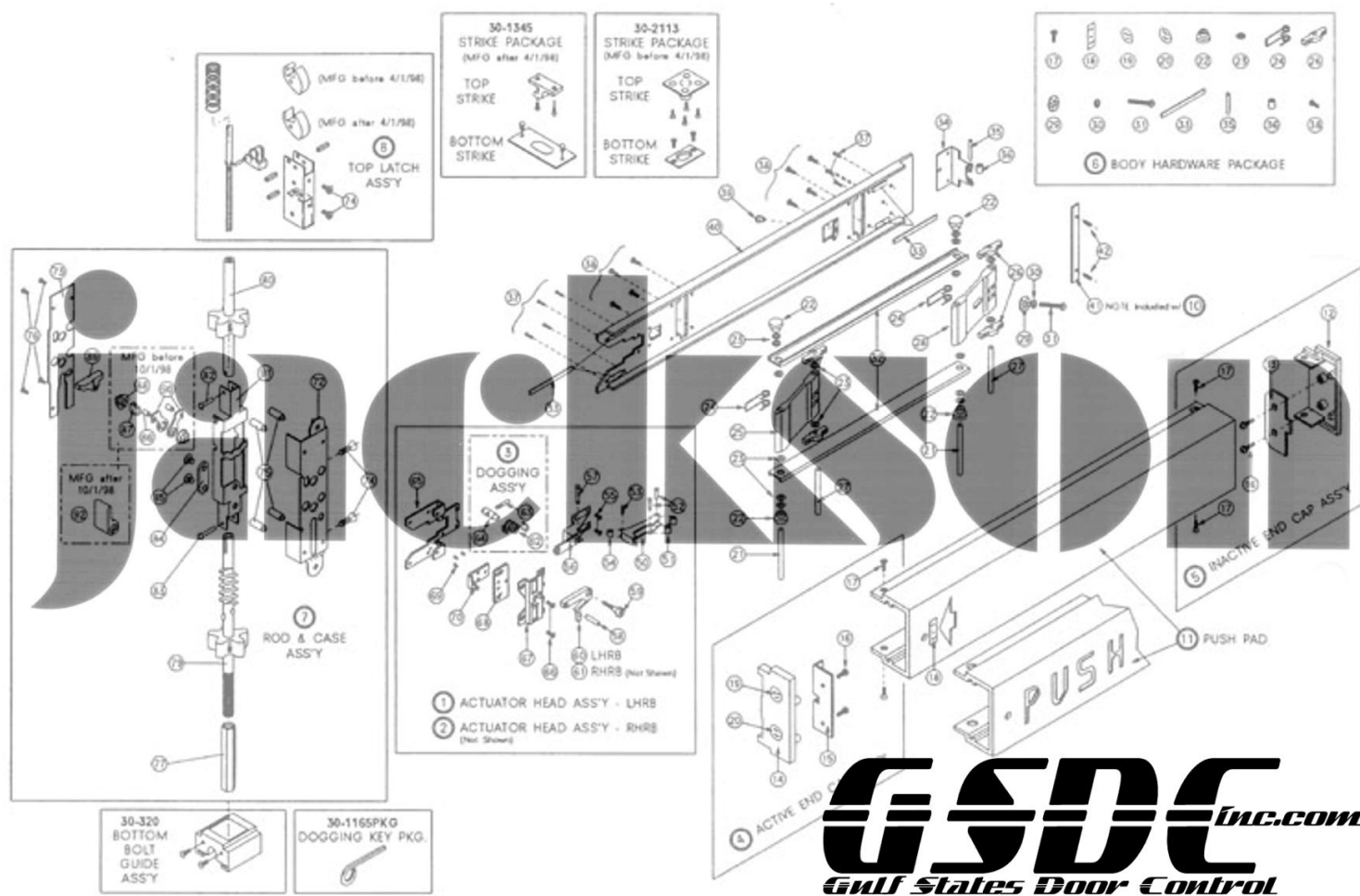


Continued on next page....

2086 CVR DEVICE PARTS



- | | | | | | |
|----|-------------|--------------------------------------|----|---------|-------------------------------|
| 1 | 30-2617 | COMPLETE ACTIVE HEAD ASSEMBLY - LHRB | 16 | 30-2467 | DOGGING ASSEMBLY (LHRB) SHOWN |
| 2 | 30-2619 | COMPLETE ACTIVE HEAD ASSEMBLY - RHRB | 17 | 30-915 | ROD & CASE ASSEMBLY - 7/0 |
| 6 | 30-2607 | HEAD ASSEMBLY HARDWARE PACKAGE | 18 | 30-916 | ROD & CASE HARDWARE PACKAGE |
| 11 | 30-1064 | CONTROL ARM HARDWARE PACKAGE | 19 | 30-934 | TOP BOLT GUIDE ASSEMBLY |
| 12 | 30-1048-PKG | PUSH-PAD PACKAGE | 20 | 30-320 | BOTTOM BOLT GUIDE ASSEMBLY |
| 13 | 30-1063 | COVER PLATE PACKAGE | 21 | 30-2671 | CYLINDER DOGGING KIT PKG. |
| 14 | 30-1265 | PUSH-PAD END CAP PACKAGE | 22 | 30-2462 | DOGGING ASSEMBLY (RHRB) OPP |
| 15 | 30-1266 | BASE END CAP PACKAGE | 23 | 30-824 | TRIP BRACKET PACKAGE |
| | | | 24 | 30-1084 | STRIKE PACKAGE - Top & Bottom |
| | | | 62 | 30-763P | TOP OR BOTTOM BOLT |



2095 DIM DEVICE

**Application**

- Aluminum, Wood, or Hollow Metal Doors

Features

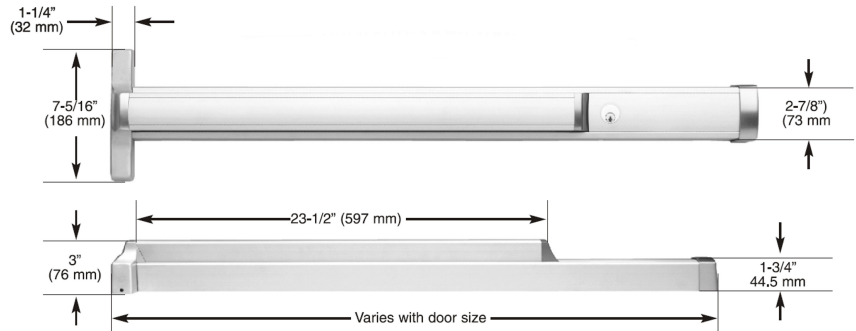
- Rim device features 3/4" throw deadlocking latchbolt
- Machine screw fasteners
- Uses standard rim cylinder for keyed entry

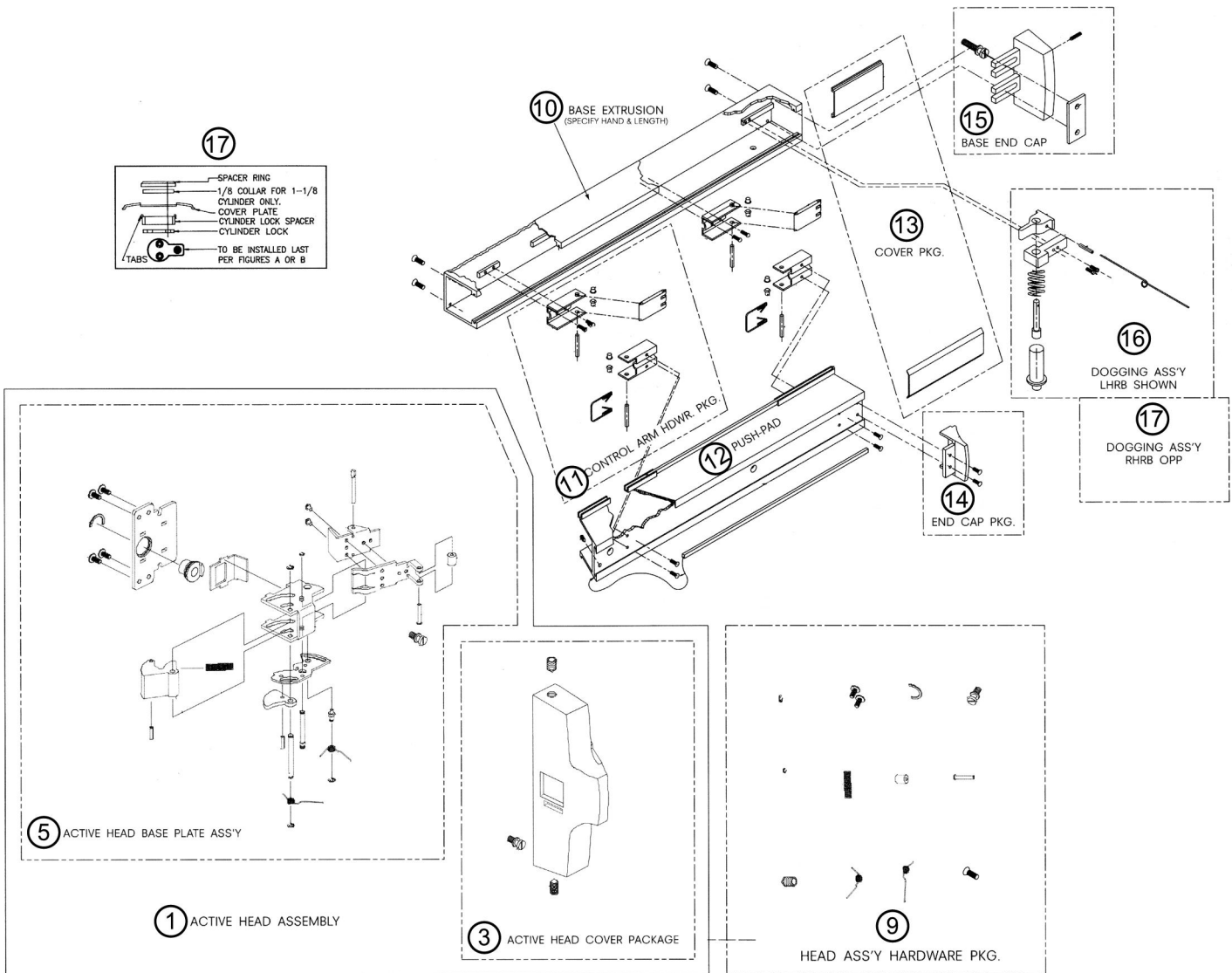


*Surface Mounted
Strike (Standard)*
30-2436



*Surface Mounted
for use with applied
or blade stop*
30-2501





- 1 30-2622 COMPLETE ACTIVE HEAD ASSEMBLY
- 3 30-2627 ACTIVE HEAD COVER PACKAGE
- 5 30-2635 ACTIVE HEAD BASE PLATE ASSEMBLY
- 9 30-2610 HEAD ASSEMBLY HARDWARE PACKAGE
- 11 30-1064 CONTROL ARM HARDWARE PACKAGE
- 12 30-1048-PKG PUSH-PAD PACKAGE
- 13 30-1063 COVER PLATE PACKAGE
- 14 30-1265 PUSH-PAD END CAP PACKAGE
- 15 30-1266 BASE END CAP PACKAGE
- 16 30-2467 DOGGING ASSEMBLY (LHRB) SHOWN
- 17 30-2462 DOGGING ASSEMBLY (RHRB) OPP.

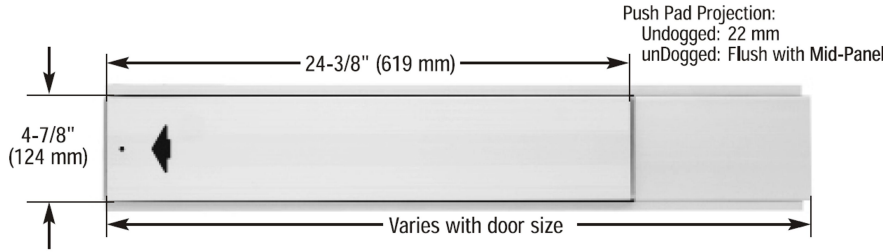


3100 SERIES



Features

- Handed - Not Reversible
- Available as Rim and Concealed Vertical Rod devices.
- 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.



**3185 Mid-Panel
Top Latch Strike**

**3185 Mid-Panel
Top Bolt Strike**

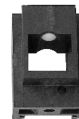
3100 Series Accessories



Cylinder Mounting Pad
3185...required
3185...30-821E
3186...Mortise Cylinder
3185...30-821B



CVR Silencers
30-1552



Adjustable Bottom Bolt Guide
30-320

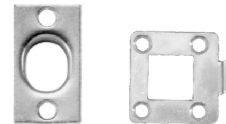


For Doors over 7'0" high:

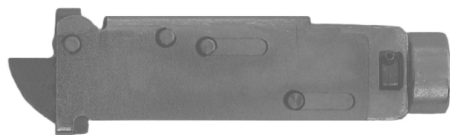
- 12" Top Rod Extender...30-1347
- 24" Top Rod Extender...30-1348



Low Profile Tie-Rod Nut (3/8-20)
Will provide latch clearance in narrow stile tie-rod door.
30-1709



Top & Bottom Strikes
for 3185
30-2775



3185 Top Latch

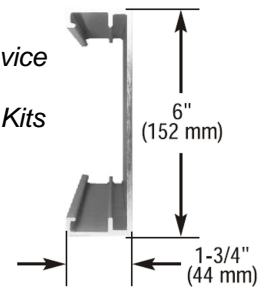
- Positive locking, spring loaded. Pullman top latch design for increased security.
- Adjustable bottom bolt guide for easy bolt adjustment with door installed.
- Foam rubber silencers to quiet rod operation.
- Cylinder mounting pads for keyed entry or lever trim.



Engraved Push Pad

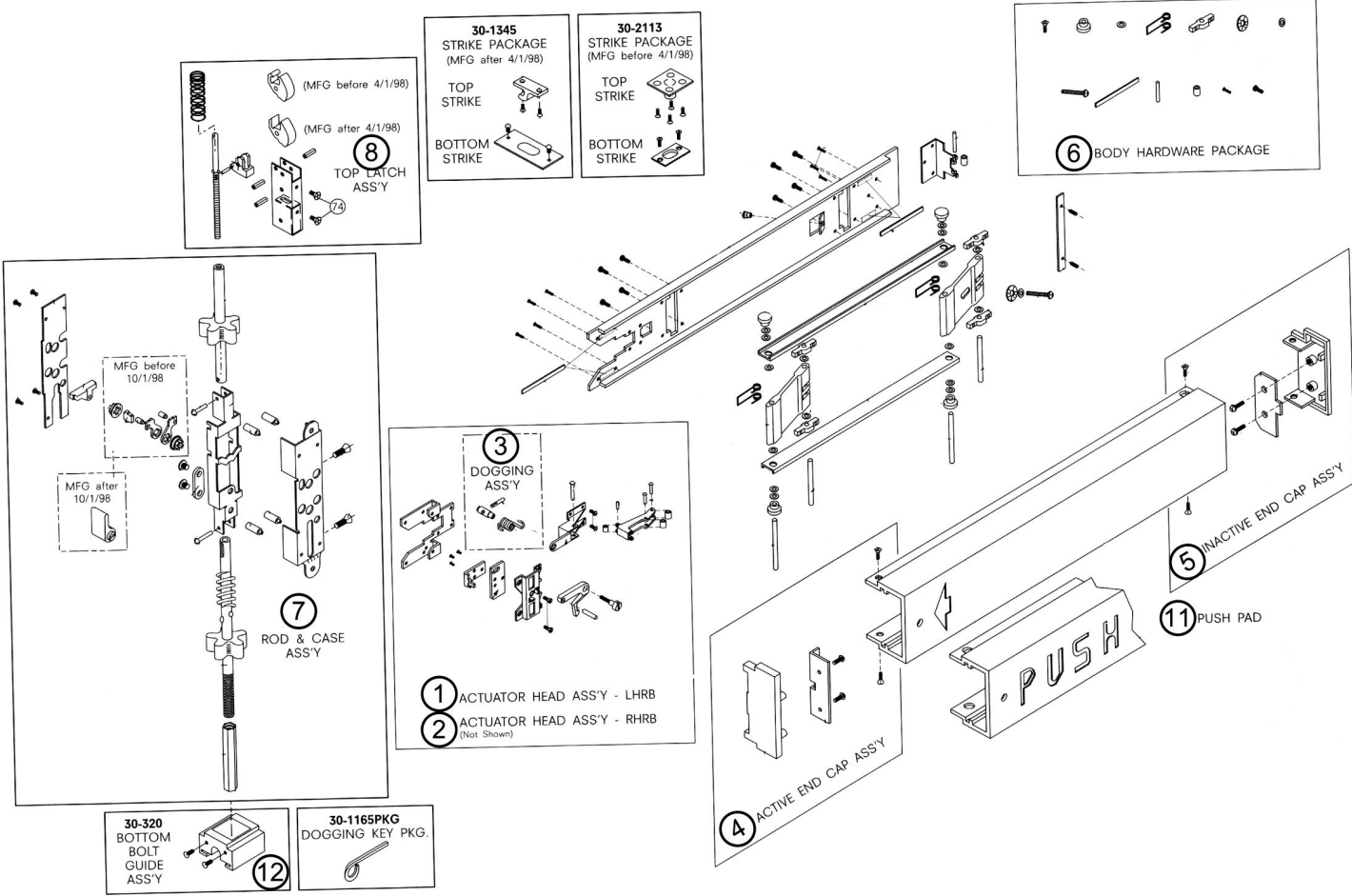
Inactive Mid-Panel Device

Mid-Panel Installation Kits

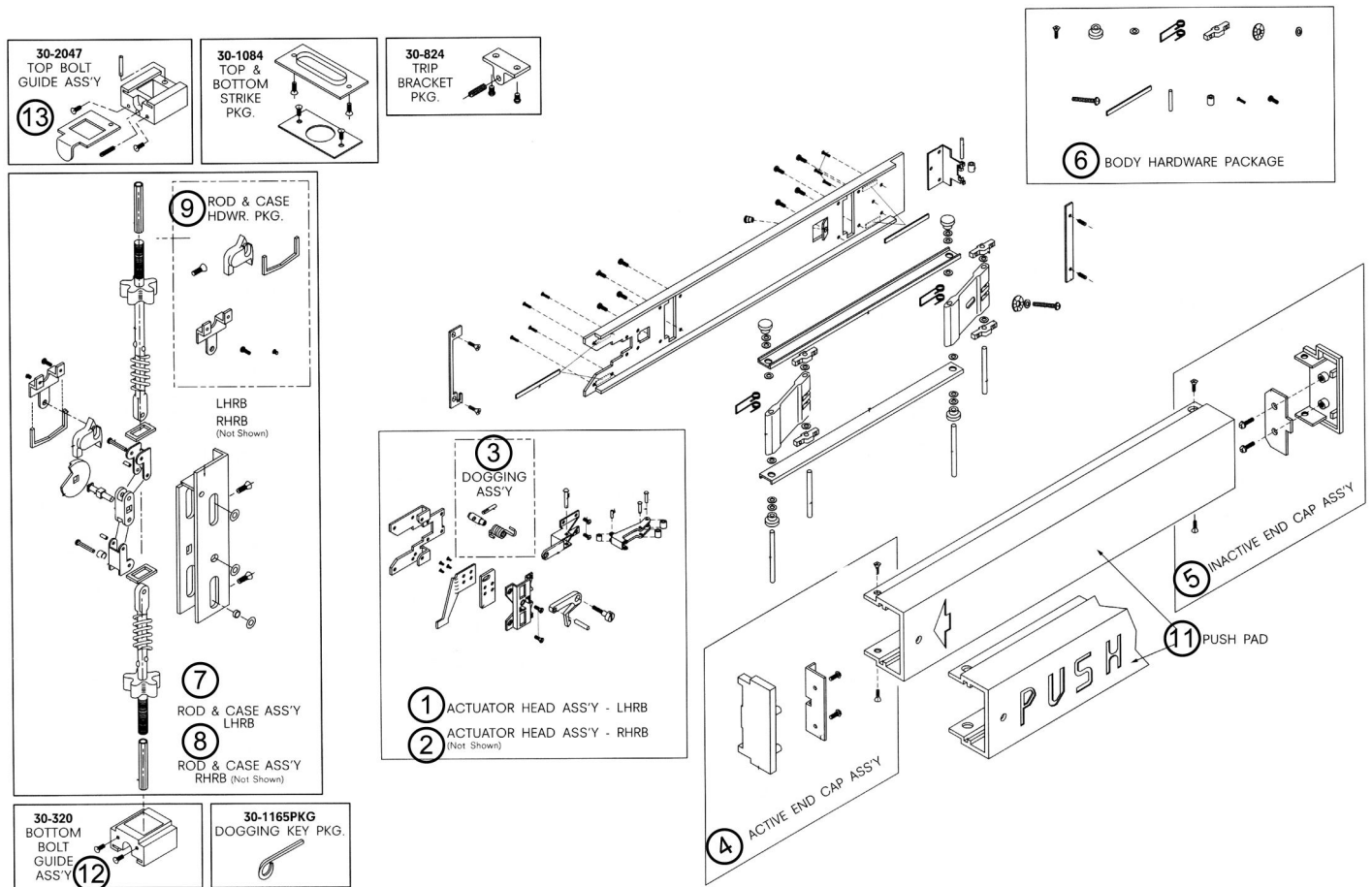


Base Extrusion / Filler Panel Extrusion

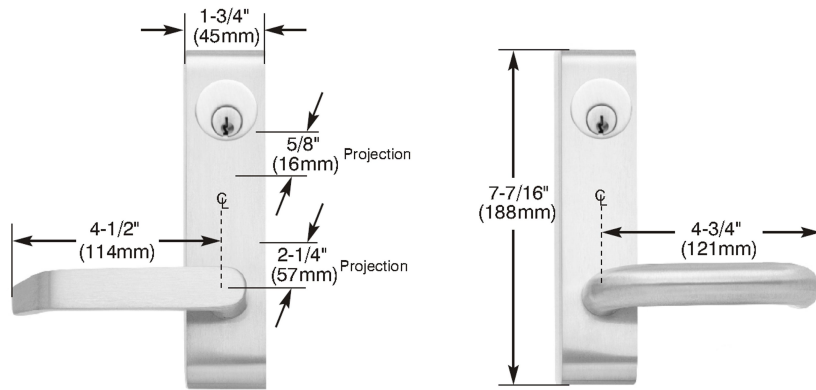




- 1 30-093 ACTUATOR HEAD ASSEMBLY - LHRB
- 2 30-094 ACTUATOR HEAD ASSEMBLY - RHRB
- 3 30-092 DOGGING ASSEMBLY
- 4 30-088 ACTIVE END CAP ASSEMBLY
- 5 30-086 INACTIVE END CAP ASSEMBLY
- 6 30-084 BODY HARDWARE PACKAGE
- 7 30-2831(L)/30-2827(R) ROD & CASE ASSEMBLY - Less Top Latch
- 8 30-2775 TOP LATCH ASSEMBLY
- 10 30-095 MOUNTING BRACKET SET
- 11 30-023 PUSH PAD - PLAIN - (Non-Handed)
- 30-004-1 PUSH PAD - with Arrow - (Non-Handed)
- 30-004-1L PUSH PAD - with PUSH - LHRB
- 30-004-1R PUSH PAD - with PUSH - RHRB
- 12 30-320 BOLT GUIDE ASSEMBLY - Bottom (Adj.)
- 30-2796 DOGGING KEY - 1/8" Hex
- 30-2113 Top & Bottom Strike Package (After 4/1/98)
- 30-1345 Top & Bottom Strike Package (Before 4/1/98)



- | | | | | | |
|---|--------|----------------------------------|----|-----------|--------------------------------------|
| 1 | 30-093 | ACTUATOR HEAD ASSEMBLY - LHRB | 10 | 30-095 | MOUNTING BRACKET - LHRB |
| 2 | 30-094 | ACTUATOR HEAD ASSEMBLY - RHRB | | 30-096 | MOUNTING BRACKET - RHRB |
| 3 | 30-092 | DOGGING ASSEMBLY | 11 | 30-023 | PUSH PAD-PLAIN (Non Handed) |
| 4 | 30-088 | ACTIVE END CAP ASSEMBLY | | 30-004-1 | PUSH PAD - with Arrow - (Non Handed) |
| 5 | 30-086 | INACTIVE END CAP ASSEMBLY | | 30-004-1L | PUSH PAD - with PUSH - LHRB |
| 6 | 30-085 | BODY HARDWARE PACKAGE | | 30-004-1R | PUSH PAD - with PUSH - RHRB |
| 7 | 30-077 | ROD & CASE ASSEMBLY - LHRB - 7/0 | 12 | 30-320 | BOTTOM BOLT GUIDE ASSEMBLY |
| 8 | 30-080 | ROD & CASE ASSEMBLY - RHRB - 7/0 | 13 | 30-2047 | TOP BOLT GUIDE ASSEMBLY (Adj.) |
| 9 | 30-090 | ROD & CASE HARDWARE PACKAGE | | 30-2796 | DOGGING KEY - 1/8" Hex |
| | | | | 30-763P | TOP or BOTTOM BOLT |
| | | | | 30-842 | TRIP BRACKET PACKAGE |
| | | | | 30-1084 | STRIKE PACKAGE - Top & Bottom |



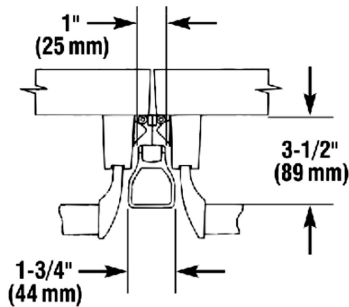
Applications

- Key controlled outside trim is available for use with all Jackson Exit Devices. (excludes 1095)
- Shipped for use with standard 1-3/4" thick doors - 2" door mounting is optional

Features

- Uses standard cylinder
 - CVR: 1" mortise cylinder with MS type cam
 - Rim: 1" mortise cylinder with MS type cam
- Non-Handed
- Thru-bolted with machine screws
- Available Trim Configurations
 - Lever - Flat Style
 - Lever - Rounded
 - Matching Inactive Dummy Trim
- Electrified Trim (24 Volts, AC/DC)

896 REMOVABLE MULLION



Features

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



2-piece pkg for
single door
30-737



4-piece pkg. for
pair of doors
30-703



Mounting Package
Top & Bottom Shoe
30-702



Rim Strike Pkg
1095...30-784
1295...30-2497
2095...30-2530

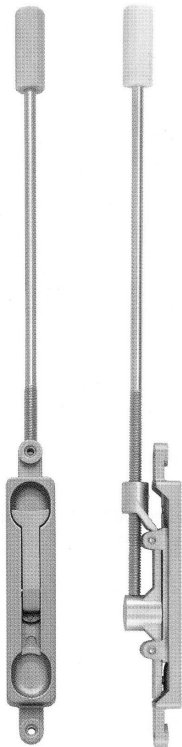
**Application:**

- Wood or Metal Doors
- Adaptable for use with center hung, offset pivot or butt hinge
- Door heights: Standard Lengths = 84"
- Door heights: Standard Lengths = 96"

Features:

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

5050 Flush Bolts

**Application:**

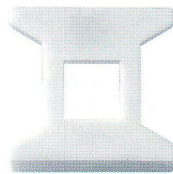
- Aluminum Doors

Features:

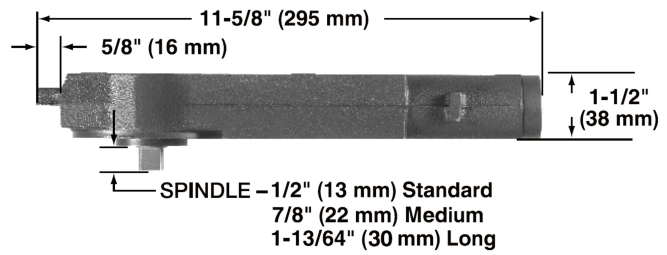
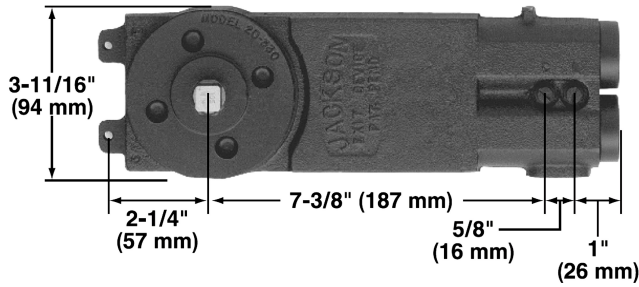
- Radius Face - 4-1/4" x 15/16"
- 1/8" or 1/4" Backset
- Standard 12" Rod Length

Finishes:

- Dark Bronze or Aluminum

**5050 Accessories**

- 1/8" Backset Nylon Guide
- 5058-1/8
- 1/4" Backset Nylon Guide
- 5058-1/4



Dimensions

- All Jackson 20-330 Series Overhead Closers are the same size and fit into a 1-3/4" x 4" header.

Length: 11-5/8"

Height: 1-1/2"

Width: 3-11/16"

Weight: Mechanism Only...8 lbs

Center-Hung Package...10 lbs

Offset Package...11 lbs

Note: Weights will vary depending on package type

Action

- Non-Handed design
- Single or Double Acting
- Center-Hung or Offset Applications

Accessories

- Complete selection of arms, pivots, mounting brackets and optional accessories.

Options

- Extended Spindle
 - Standard...1/2"
 - Medium...7/8"
 - Long...1-13/64"

Features

- Dual valve closing control
- 90-105 degree swing
- Hold or Non-Hold Open
- Cushion Backstop

Standard

Four fixed spring sizes
 XLD = Extra Light Duty
 LD = Light Duty
 RD = Regular Duty
 HD = Heavy Duty

Adjustable

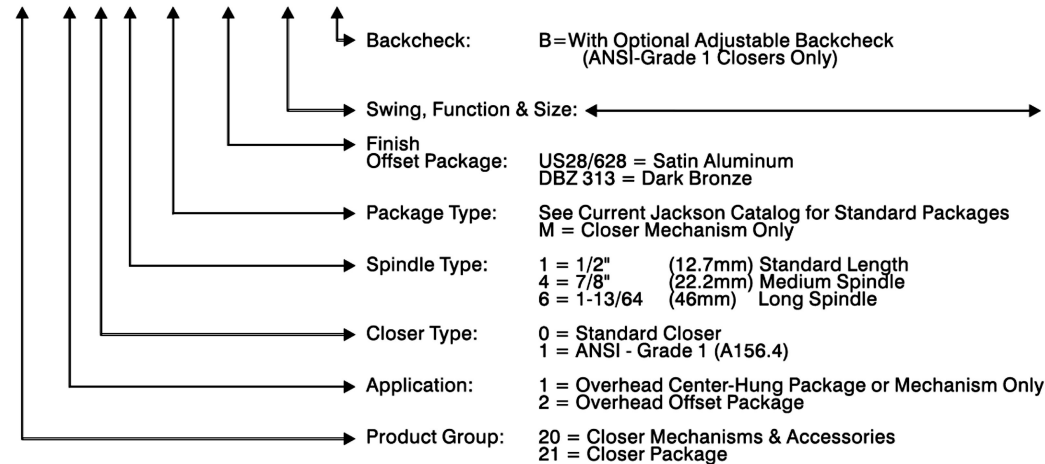
Adjustable Spring Power

ANSI Grade 1

90, 105, 120 Degree Swing

HOW TO ORDER

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



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

NOTE: Packed 6 per Master Carton



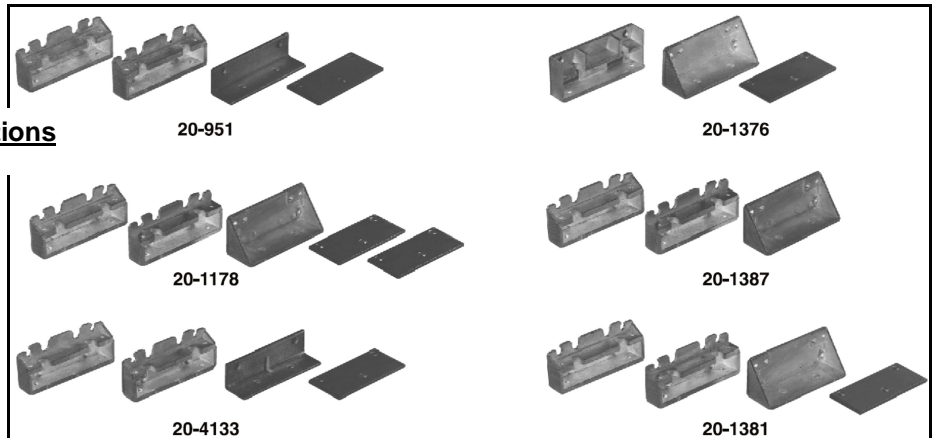
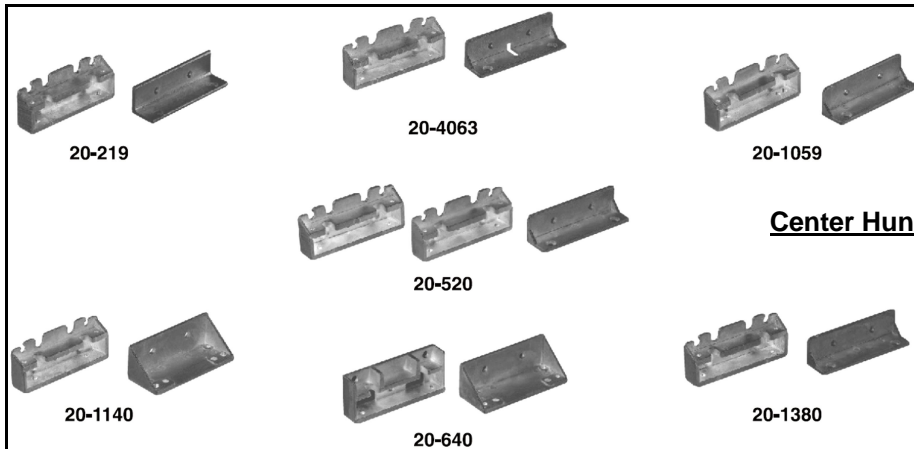
OVERHEAD CONCEALED

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)

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.

MOUNTING BRACKETS





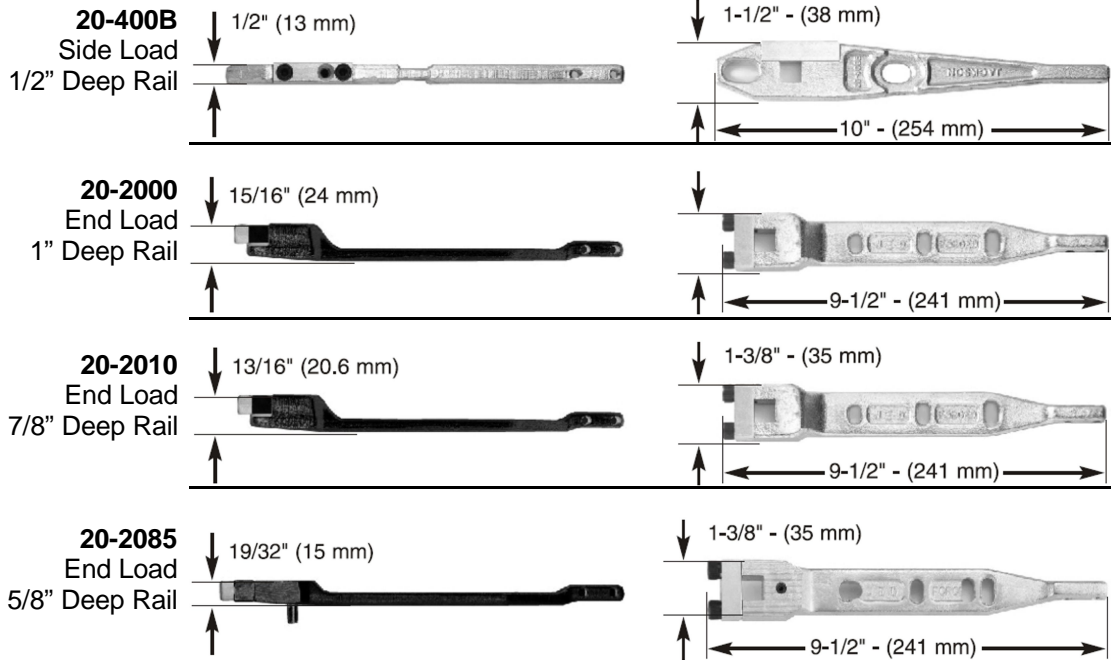
20-1103 - 3-3/4" X 12-1/2" (95 X 317.5mm)
20-3152 - 3 Valve Access



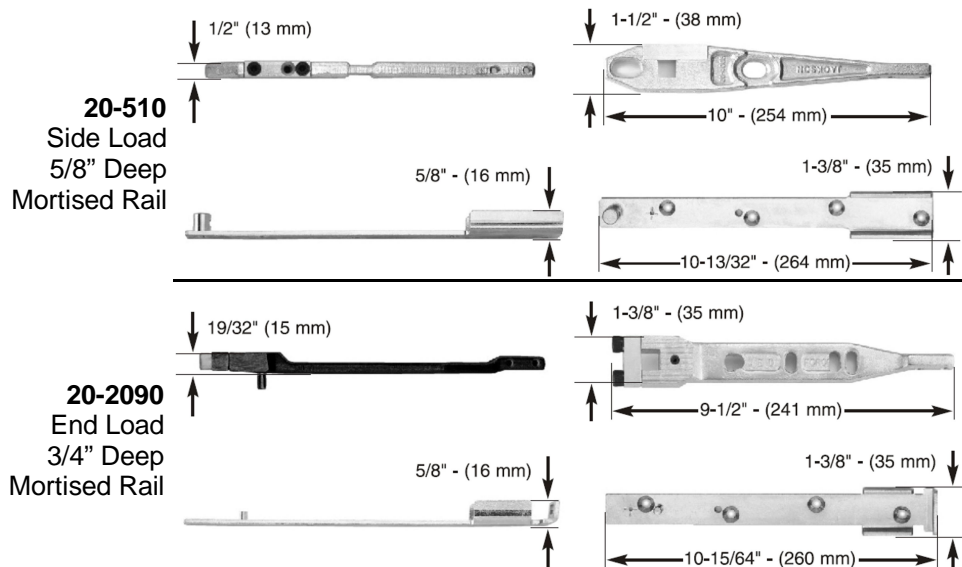
20-190 - 3-11/16" X 13-3/4" (70.0 X 317.5mm)
20-1552 - 4-1/4" x 14" (108.0 x 355.6 mm)
20-3147 - 3 Valve Access

CENTER HUNG ARMS

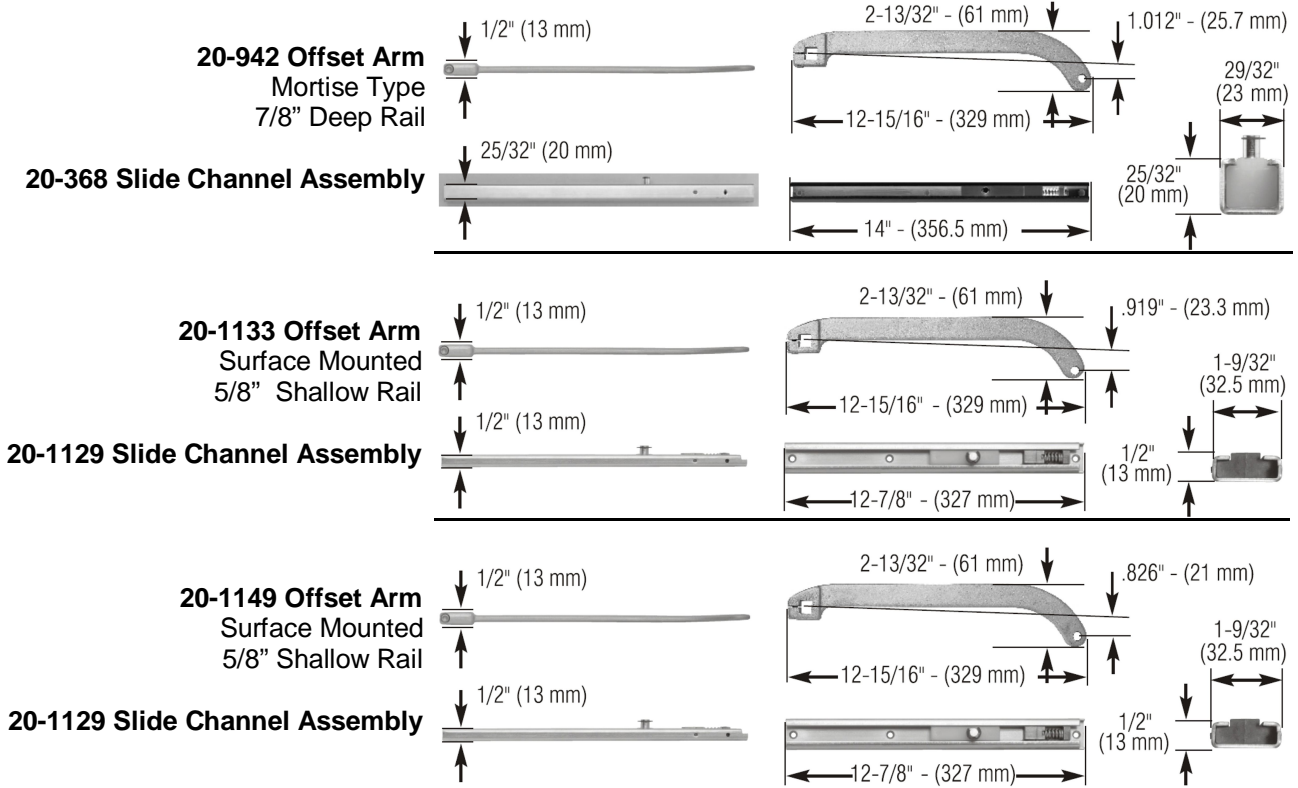
For Aluminum Doors



For Wood Doors



OFFSET ARM & SLIDE



COVERS



Application

Right Hand...20-117
 Left Hand...20-108

Dimensions

2"W x 7/8"H x 42-1/4"L



Side-Load Applications

For doors weighing up to 125 lbs.



20-902 (Type G)
Floor Installation
1-1/2" Deep Bottom Rail

20-741...Door Portion
20-742...Floor Portion



20-944 (Type GE)
Threshold Installation
1-1/2" Deep Bottom Rail

20-741...Door Portion
20-943...Threshold Portion



20-1155 (Type BE)
Threshold Installation
1" Deep Bottom Rail

20-1154...Door Portion
20-943...Threshold Portion

End-Load Applications

For doors weighing up to 175 lbs.



20-1570 (Type GW)
Floor Installation
1" Deep Bottom Rail

20-647...Door Portion
20-1062...Floor Portion



20-1060 (Type P)
Floor Installation
1-9/16" Deep Bottom Rail

20-1061...Door Portion
20-1062...Floor Portion



20-728 (Type AE)
Threshold Installation
1" Deep Bottom Rail

20-647...Door Portion
20-607...Threshold Portion



20-1410 (Type EF)
Threshold Installation
1-9/16" Deep Bottom Rail

20-1061...Door Portion
20-607...Threshold Portion



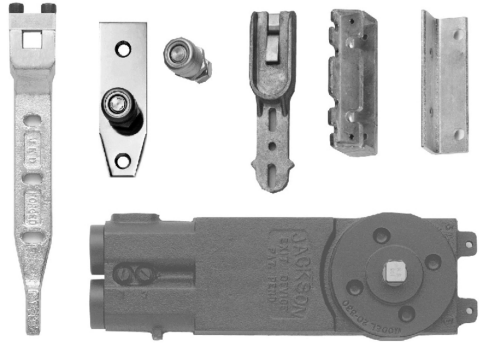
20-1680 (Type BV)
Floor & Threshold Installation
1" Deep Bottom Rail

20-647...Door Portion
20-1062...Floor Portion
20-650...Threshold Mounting Pkg



20-1685 (Type UP)
Floor & Threshold Installation
1-9/16" Deep Bottom Rail

20-1061...Door Portion
20-1062...Floor Portion
20-650...Threshold Mounting Pkg

End-Load Packages*Center Hung - 1-3/4" Aluminum Door & Frame***"A" Package**

20-330...Closer
 20-640...Mounting Brackets
 20-2000...End Load Arm Pkg
 20-728..."AE" Pivot Type

"AP" Package

20-330...Closer
 20-219...Mounting Brackets
 20-2000...End Load Arm Pkg
 20-1060..."P" Pivot Type

"AE" Package

20-330...Closer
 20-219...Mounting Brackets
 20-2000...End Load Arm Pkg
 20-728..."AE" Pivot Type

"EF" Package

20-330...Closer
 20-219...Mounting Brackets
 20-2010...End Load Arm Pkg
 20-1410..."EF" Pivot Type

"GW" Package

20-330...Closer
 20-219...Mounting Brackets
 20-2000...End Load Arm Pkg
 20-1570..."GW" Pivot Type

"P" Package

20-330...Closer
 20-1059...Mounting Brackets
 20-2010...End Load Arm Pkg
 20-1060..."P" Pivot Type

"PA" Package

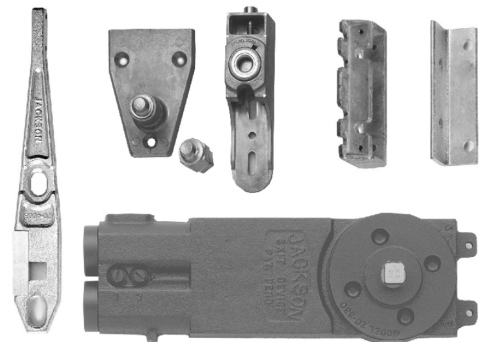
20-330...Closer
 20-219...Mounting Brackets
 20-2010...End Load Arm Pkg
 20-728..."AE" Pivot Type

"PE" Package

20-330...Closer
 20-219...Mounting Brackets
 20-2010...End Load Arm Pkg
 20-1060..."P" Pivot Type

"T" Package

20-330...Closer
 20-219...Mounting Brackets
 20-2010...End Load Arm Pkg
 20-1698...Bottom Pivot Set

Side-Load Packages*Center Hung - 1-3/4" Aluminum Door & Frame***"BE" Package**

20-330...Closer
 20-219...Mounting Brackets
 20-400B...Side Load Arm
 20-1155..."BE" Pivot Type

"BF" Package

20-330...Closer
 20-520...Mounting Brackets
 20-400B...Side Load Arm
 20-1155..."BE" Pivot Type

"GE" Package

20-330...Closer
 20-219...Mounting Brackets
 20-400B...Side Load Arm
 20-944..."GE" Pivot Type

"PV" Package

20-330...Closer
 20-520...Mounting Brackets
 20-400B...Side Load Arm
 20-944..."GE" Pivot Type

"S" Package

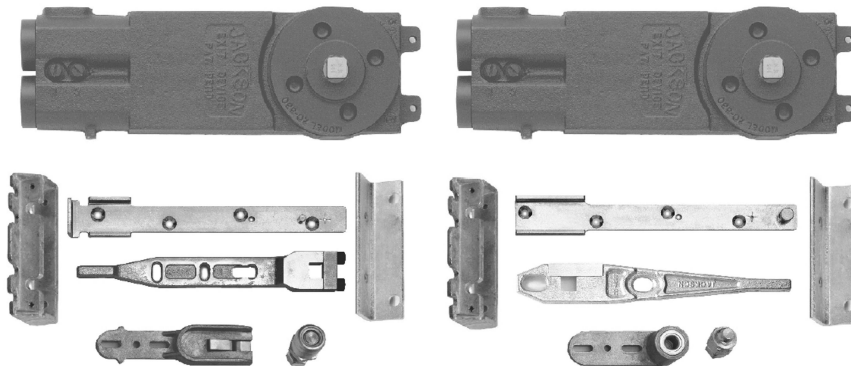
20-330...Closer
 20-219...Mounting Brackets
 20-400B...Side Load Arm
 20-902..."G" Pivot Type

"U" Package

20-330...Closer
 20-1380...Mounting Brackets
 20-400B...Side Load Arm
 20-944..."GE" Pivot Type

"V" Package

20-330...Closer
 20-400B...Side Load Arm
 20-1155..."BE" Pivot Type

Wood Door Packages*Center Hung - Wood door with aluminum frame***"WDE" End-Load Package**

20-330...Closer
 20-219...Mounting Brackets
 20-2090...End-Load Arm
 20-728..."AE" Pivot Type

"WDS" Side-Load Package

20-330...Closer
 20-219...Mounting Brackets
 20-510...Side-Load Arm
 20-1155..."BE" Pivot Type

Offset Slide Arm Packages
Offset or Butt Hung - 1-3/4" Aluminum Door & Frame

"A" Package

- 20-330...Closer
- 20-1376...Mounting Brackets
- 20-1149...Offset Arm Pkg
- 20-1129...Slide Channel

"A4" Package

- 20-330...Closer
- 20-951...Mounting Brackets
- 20-1149...Offset Arm Pkg
- 20-1129...Slide Channel

"P" Package

- 20-330...Closer
- 20-1178...Mounting Brackets
- 20-1133...Offset Arm Pkg
- 20-1129...Slide Channel

"S" Package

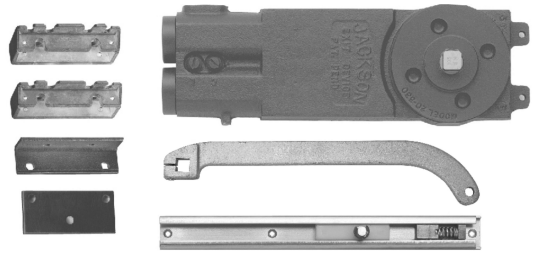
- 20-330...Closer
- 20-951...Mounting Brackets
- 20-942...Offset Arm Pkg
- 20-368...Slide Channel

"U" Package

- 20-330...Closer
- 20-1381...(90) Mounting Brkt
- 20-1387...(105) Mounting Brkt
- 20-942...Offset Arm Pkg
- 20-368...Slide Channel

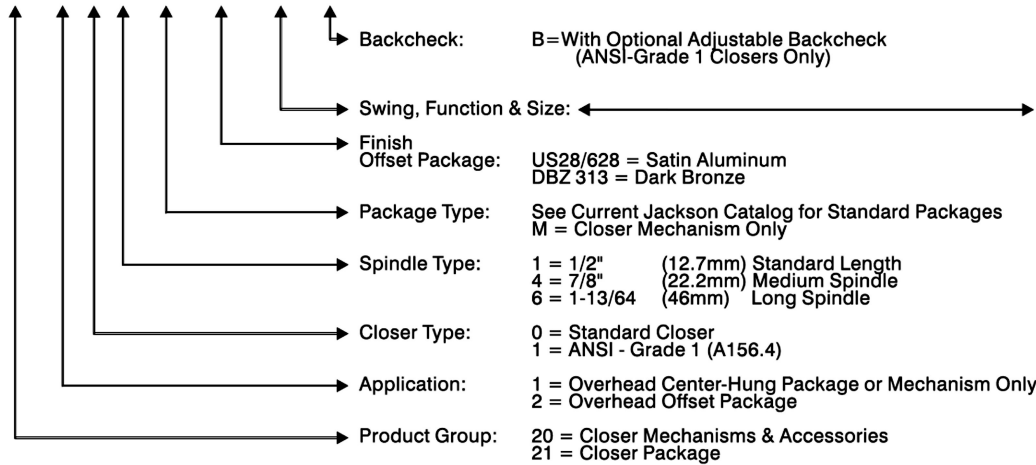
"W" Package

- 20-330...Closer
- 20-1376...Mounting Brackets
- 20-1149...Offset Arm Pkg
- 20-1129...Slide Channel



HOW TO ORDER

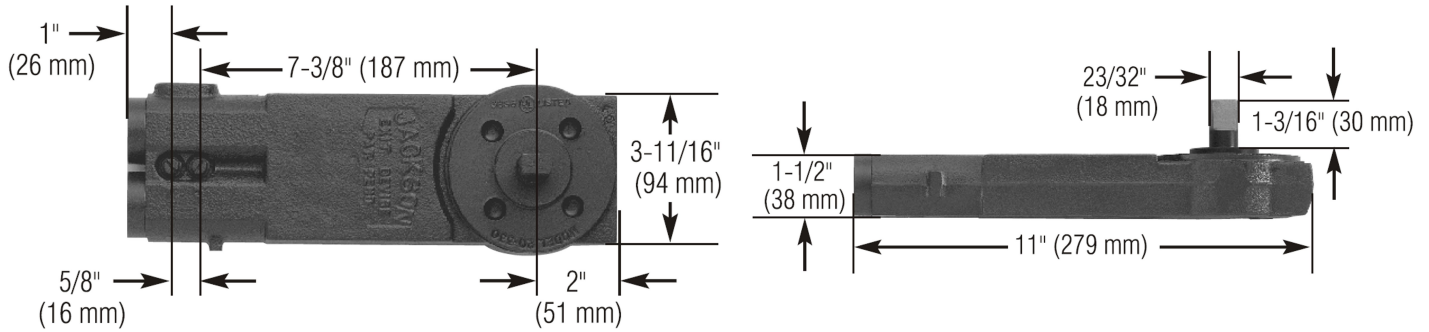
21 - 1 0 1 - P - 628 - 01 - B



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: 120° 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

NOTE: Packed 6 per Master Carton

300 SERIES FLOOR CLOSERS



Dimensions

- The Jackson 300 Floor Closer is installed by using a low profile 2" deep cement case.

Closer Body

Length: 11"
Height: 1-1/2"
Width: 3-11/16"

Cement Case

Length: 12"
Height: 2"
Width: 5-5/8"

Capacity

- Doors up to 48" wide - up to 260 lbs

Action

- Non-Handed design
- Single or Double Acting

Accessories

- Complete selection of arms, pivots, mounting brackets and optional accessories.

Features

- Dual valve closing control
- 90-105 degree swing
- Hold or Non-Hold Open
- Cushion Backstop
- Adjustable position within the cement case.
- Four fixed spring sizes
 - XLD = Extra Light Duty
 - LD = Light Duty
 - RD = Regular Duty
 - HD = Heavy Duty

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

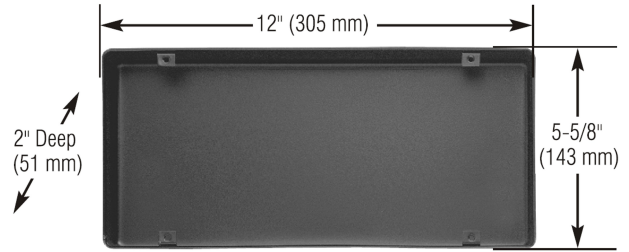
NOTE: Readings are *pound force* to open door and are taken at the lock stile to full degree of opening.

CLOSER SELECTION CHART

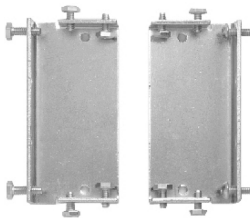
CLOSER	Max. Interior Door	Max. Exterior Door
Extra Light Duty	3'-0" (914 mm)	2'-6" (762 mm)
Light Duty	3'-6" (1067 mm)	3'-0" (914 mm)
Regular Duty	3'-6" (1067 mm)	3'-0" (914 mm)
Heavy Duty	4'-0" (1219 mm)	3'-6" (1067 mm)



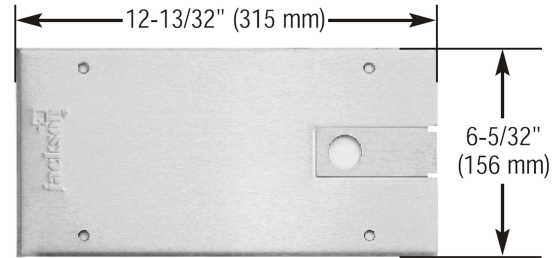
20-340
Floor Closer Mechanism



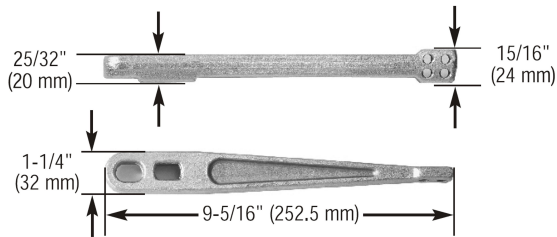
20-2102
Cement Case



20-2120
Adjustable
Mounting Brackets



20-2115
Cover Plate



20-800
Center Hung Arm
(1" Deep Rail)



20-534
Top Center Hung
"Walking Beam" Pivot

300 SERIES PACKAGES

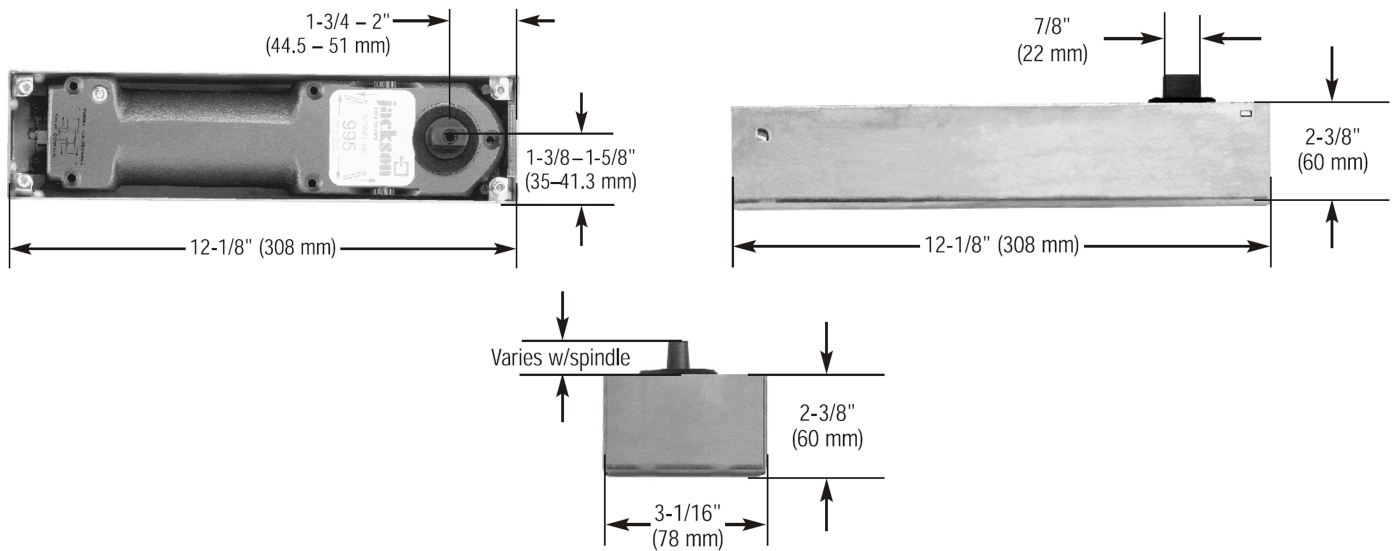
"S" Aluminum Doors & Frames

- 20-307...Closer
- 20-2120...Mounting Brkt
- 20-800...Center Hung Arm
- 20-534...Top Pivot
- 20-2102...Cement Case

"GL" Tempered Glass Doors

- 20-307...Closer
- 20-2120...Mounting Brkt
- 20-2102...Cement Case

900 Series FLOOR CLOSER

**Dimensions**

- The Jackson 900 Floor Closer is installed by a compact, low-profile 2-3/8" deep cement case.

Cement Case

Length: 12-1/8"

Height: 2-3/8"

Width: 3-1/16"

Capacity

Center Hung: 1000 lbs / 54" max door width

3/4" Offset: 650 lbs / 48" max door width

1-1/2" Offset: 300 lbs / 42" max door width

Action

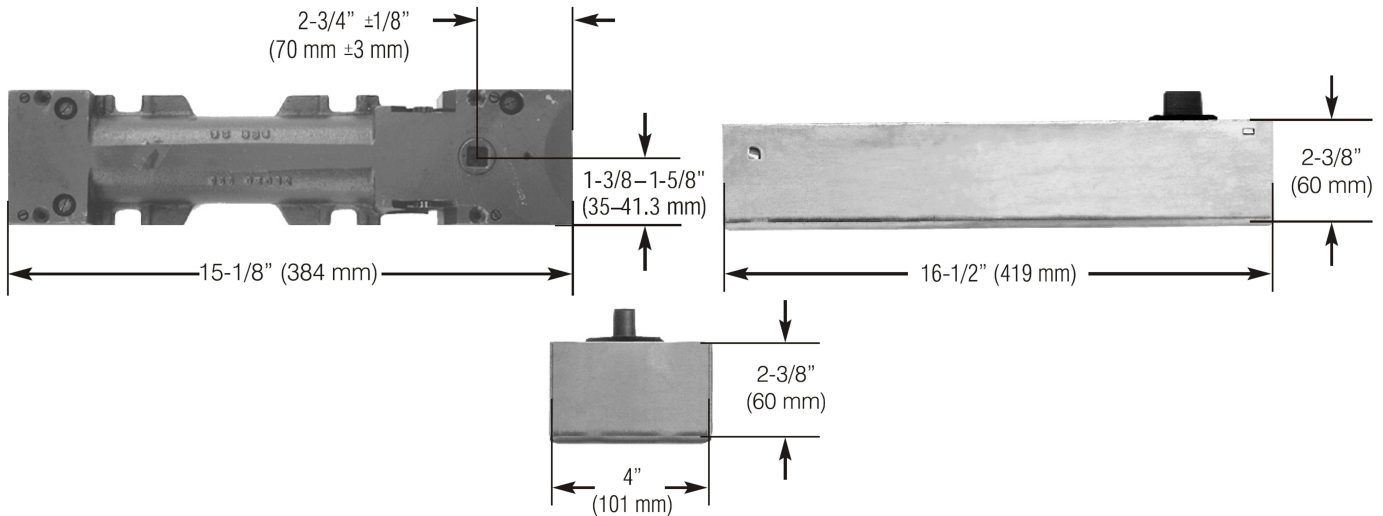
- Non-Handed design
- Single or Double Acting

Application

- Center Hung and 3/4" or 1-1/2" Offset

Features

- Adjustable spring power (1-6)
- Adjustable sweep speed
- Tapered roller bearing support
- Interchangeable spindle system
- Bubble level
- Door centering adjustment
- 180° swing opening
- Temperature stabilized fluid
- 90-105° swing
- Hold or Non-Hold Open
- Cushion Backstop
- Adjustable position within the cement case.



Dimensions

- The Jackson BF1000 Floor Closer is installed by a compact, low-profile 2-3/8" deep cement case.

Cement Case

Length: 16-1/2"
Height: 2-3/8"
Width: 4-1/16"

Capacity

Center Hung: 1000 lbs / 54" max door width
 3/4" Offset: 650 lbs / 48" max door width
 1-1/2" Offset: 300 lbs / 42" max door width

Action

- Non-Handed design
- Single or Double Acting

Application

- Center Hung and 3/4" or 1-1/2" Offset

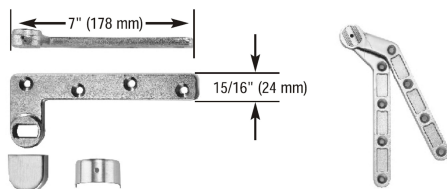
Features

- Adjustable spring power (1-6)
- Adjustable sweep speed
- Tapered roller bearing support
- Interchangeable spindle system
- Bubble level
- Door centering adjustment
- 180° swing opening
- Temperature stabilized fluid
- 90-105° swing
- Hold or Non-Hold Open
- Cushion Backstop
- Adjustable position within the cement case.

BF1000 ACCESSORIES

Aluminum and Wood Doors

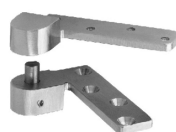
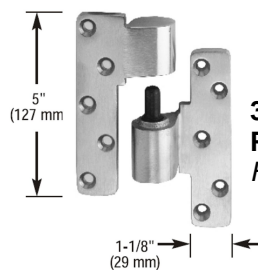
For doors up to 42" wide and weighing up to 200 lbs



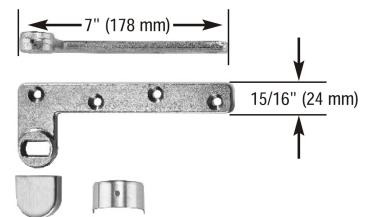
3/4" Offset Arm...20-790
3/4" Offset Top Pivot...20-7605
1-1/2" Offset Arm...20-7070
1-1/2" Offset Top Pivot...20-7075
Non-Handed - Full Mortise

Heavy Duty Aluminum & Metal Doors

For doors up to 48" wide and weighing up to 650 lbs



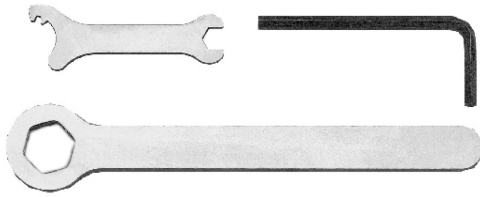
3/4" Offset Top Pivot ...J-110
*Handed - Full Mortise
 Flush & 1/8" Recessed*



3/4" Offset Arm...20-790
Handed - Full Mortise



900/BF1000 ACCESSORIES



Tool Kit...20-715

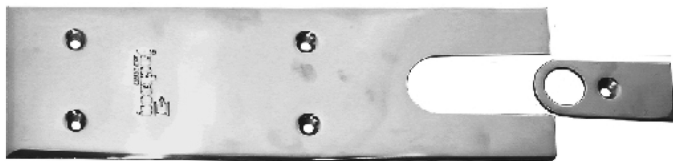
Kit contains the adjustment wrenches and hex key needed to install and adjust closer and spindle.

Cement Case
 900 Series...20-9010
 1000 Series...20-1762

Extended Spindles

Floor to Door Clearance

- 20-7050-00 - 5/16"
- 20-7050-05 - 1/2"
- 20-7050-10 - 3/4"
- 20-7050-15 - 7/8"
- 20-7050-20 - 1-1/8"
- 20-7050-25 - 1-5/16"
- 20-7050-30 - 1-1/2"

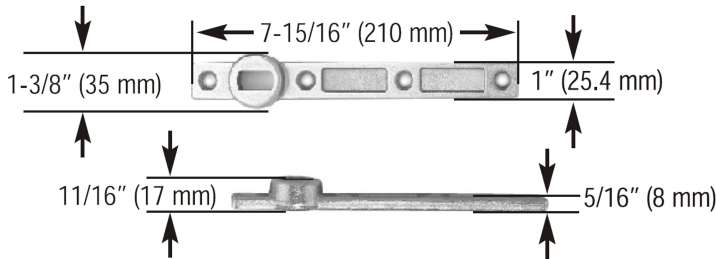
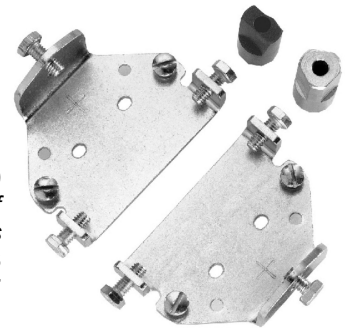


Cover Plate

900 Series...20-720
 1000 Series...20-7545

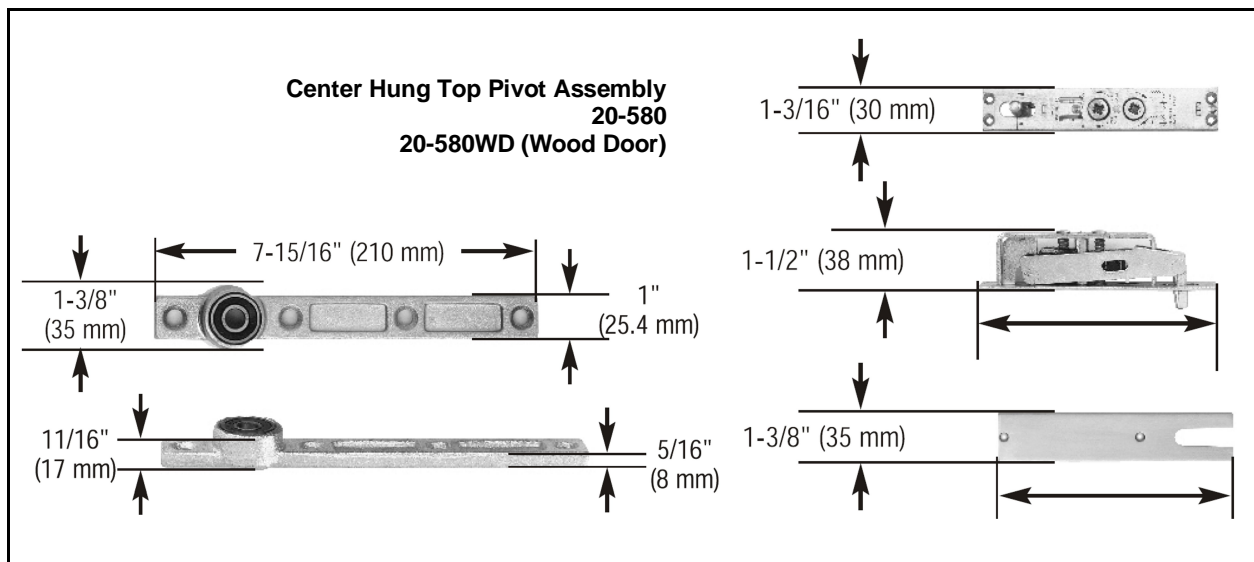
Brackets...20-R3040

Allows retrofit of Rixson 30 and 40 type closers
Center Hung Spindles...20-R3028
Offset Hung Spindles...20-R3027



Center Hung Arm...20-7080

Aluminum, wood, or metal doors

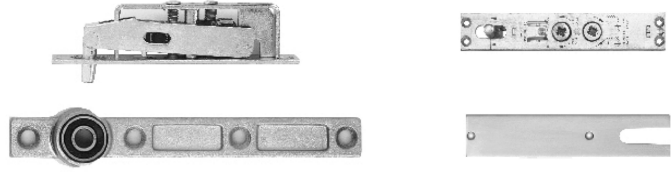


Center Hung Top Pivot Assembly
 20-580
 20-580WD (Wood Door)

Top Center Hung

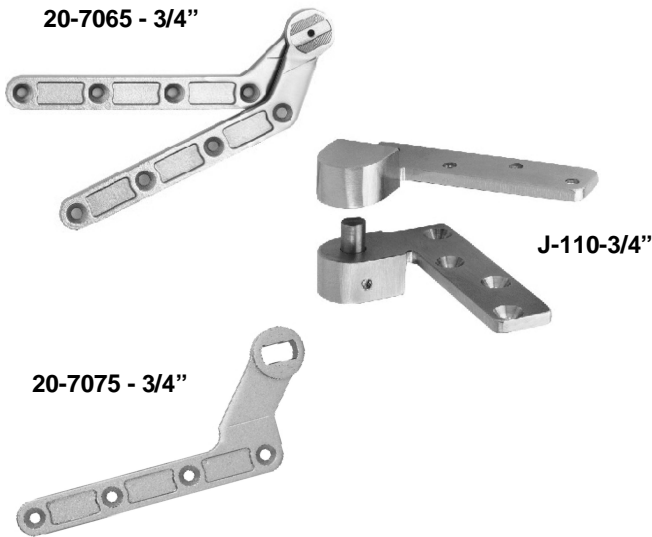


**Walking Beam Top Pivot
20-534**
Completely concealed

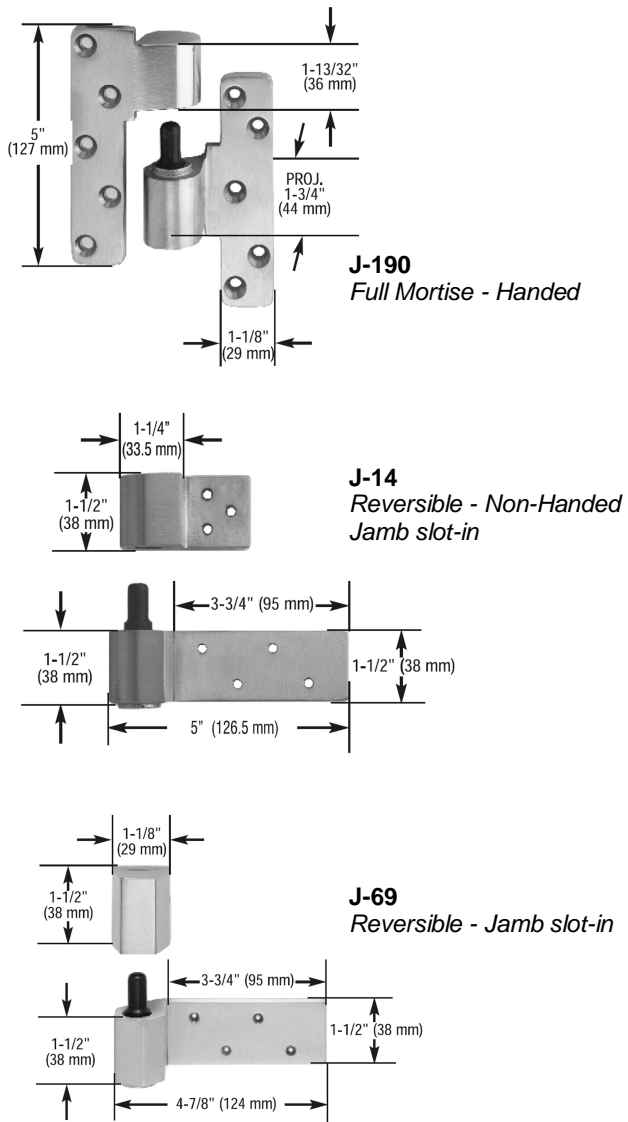


20-580
Adjustable to obtain top door clearances of 1/8" to 3/4"

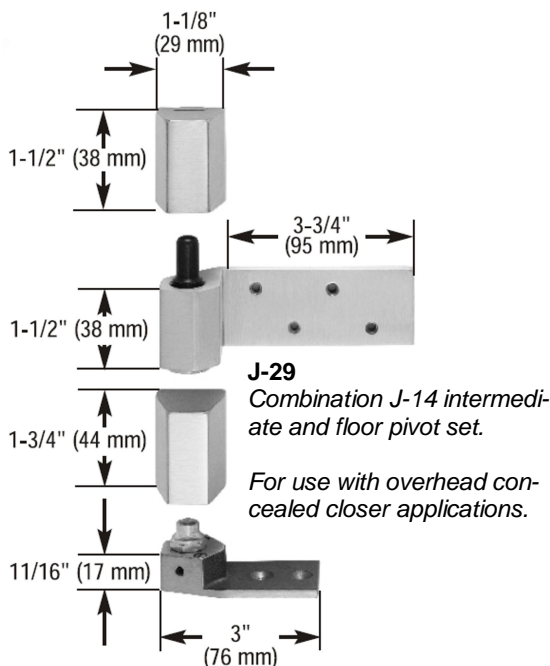
Top Offset



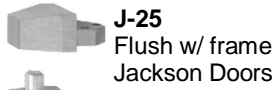
3/4" Offset - Intermediate



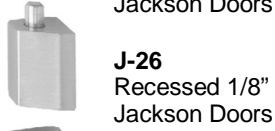
Combination Set



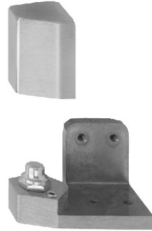
3/4" Offset - Pivot Sets



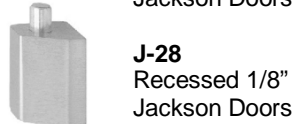
J-25
Flush w/ frame
Jackson Doors



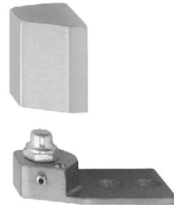
J-26
Recessed 1/8"
Jackson Doors



J-27
Flush w/ frame
Jackson Doors



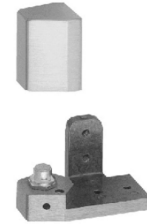
J-28
Recessed 1/8"
Jackson Doors



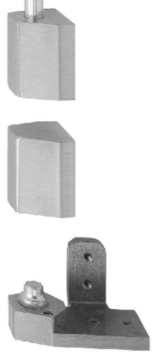
J-30
Flush w/ frame
Amarlite Doors



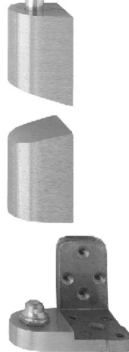
J-31
Recessed 1/8"
Tubelite Doors



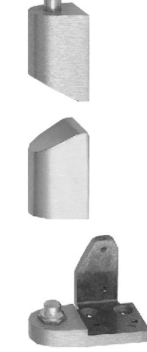
J-43
Flush w/ frame
Atlas Doors



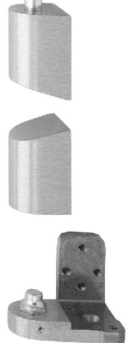
J-34
Flush w/ frame
US Alum Doors



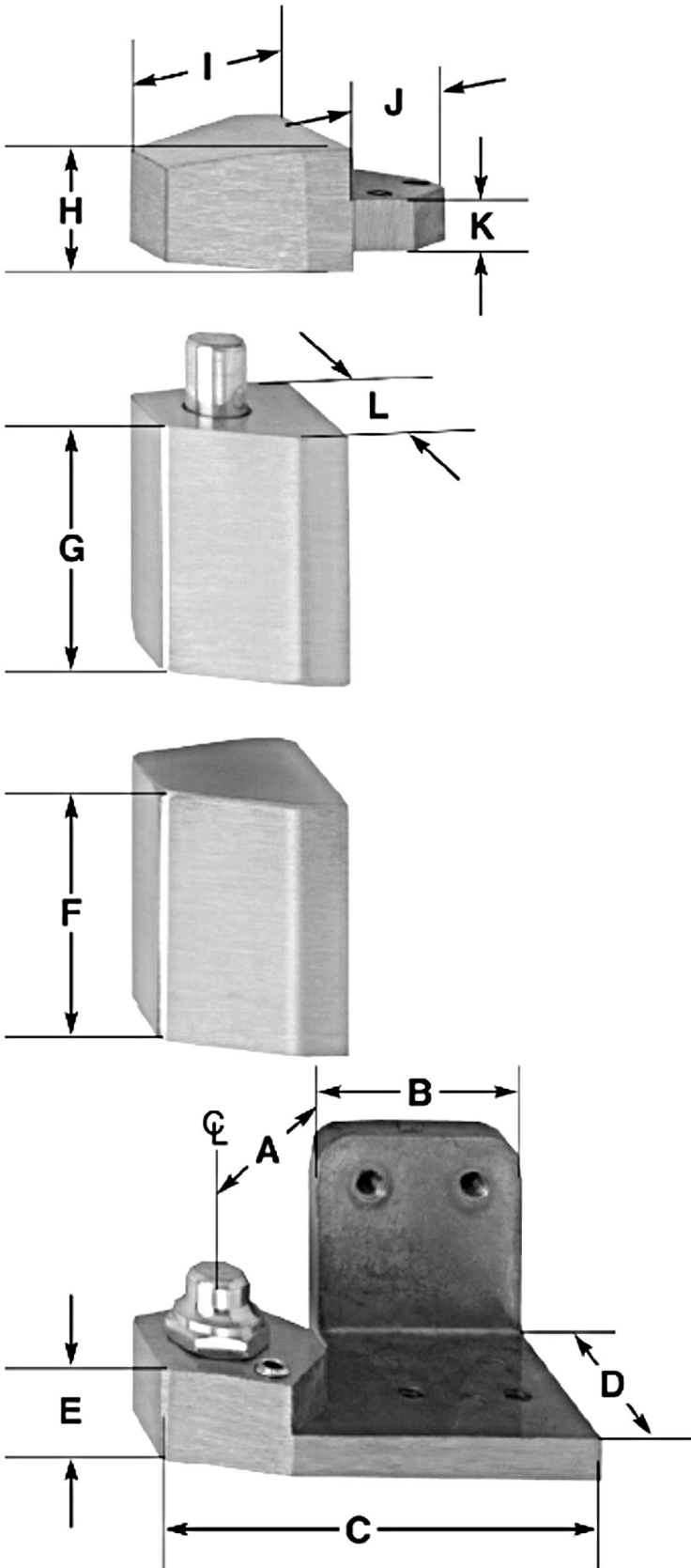
J-40
Recessed 1/8"
Amarlite Doors



J-41
Recessed 3/32"
PPG Doors



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 3/8" (48)	1 1/8" (17)	1 1/2" (44)	3/8" (22)	1 1/8" (32)	2 3/8" (23)	3/8" (10)	1 1/8" (35)
J-26	R or L	Recessed 1/8"	1" (25)	1 1/2" (38)	3" (76)	1 3/8" (48)	1 1/8" (17)	1 1/2" (44)	3/8" (22)	1 1/8" (32)	2 3/8" (23)	3/8" (10)	1 1/8" (35)
J-27	NH	Flush w/frame face	NA	NA	3" (76)	1 3/8" (41)	1 1/8" (17)	1 3/8" (44)	3/8" (22)	1 1/8" (32)	2 3/8" (23)	3/8" (10)	1 1/8" (35)
J-28	NH	Recessed 1/8"	NA	NA	3" (76)	1 3/8" (41)	1 1/8" (17)	1 3/8" (44)	3/8" (22)	1 1/8" (32)	2 3/8" (23)	3/8" (10)	1 1/8" (35)
J-30	R or L	Flush w/frame face	1" (25)	3/8" (22)	3" (76)	1 3/8" (48)	1 1/8" (17)	1 1/2" (44)	3/8" (22)	1 1/8" (32)	2 3/8" (23)	3/8" (10)	1 1/8" (35)
J-31	R or L	Recessed 1/8"	1" (25)	3/8" (22)	3" (76)	1 3/8" (48)	1 1/8" (17)	1 1/2" (44)	3/8" (22)	1 1/8" (32)	2 3/8" (23)	3/8" (10)	1 1/8" (35)
J-34	R or L	Flush w/frame face	3/8" (22)	1 1/8" (30)	2 3/4" (70)	1 1/8" (49)	3/8" (13)	2 3/8" (55)	1 1/8" (24)	1 1/8" (35)	3/8" (19)	3/8" (11)	1 1/8" (35)
J-40	R or L	Recessed 1/8"	2 3/8" (23)	1 1/8" (30)	3" (76)	1 1/8" (49)	3/8" (13)	2 3/8" (57)	3/8" (19)	1 1/8" (32)	1 1/8" (33)	3/8" (10)	1 1/8" (35)
J-41	R or L	Recessed 3/32"	3/8" (22)	1 1/8" (30)	2 3/4" (70)	1 1/8" (49)	3/8" (13)	2 3/8" (55)	1 1/8" (29)	1 1/8" (32)	1 1/8" (33)	3/8" (11)	1 1/8" (35)
J-43	R or L	Flush w/frame face	1" (25)	3/8" (22)	3" (76)	1 3/8" (48)	1 1/8" (17)	1 1/2" (44)	1" (25)	1 1/8" (33)	1 1/8" (33)	3/8" (10)	1 1/8" (35)



Pivot Sets

For 1-3/4" Aluminum Doors weighing not more than 125 lbs



670M - Center Hung



689 - Offset

Pivot Sets

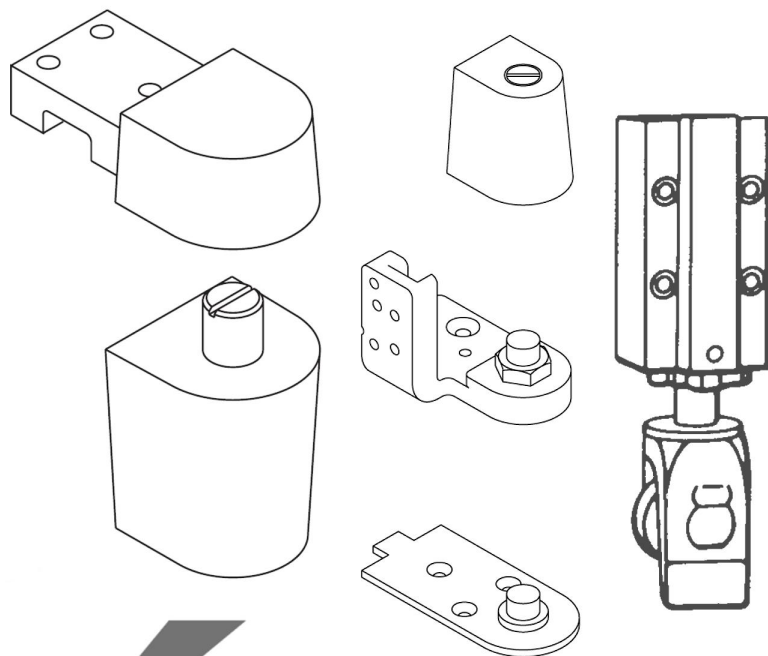
For 1-3/4" Wood or Hollow Metal Doors weighing not more than 125 lbs



650M - Center Hung



690 - Offset



KAWNEER

AN ALCOA COMPANY



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Check us out online @ www.gsdcinc.com



The Husky brand door closer is a name that is known and a brand that was used throughout the US during its production. But since the discontinuing of production by Kawneer, it left a lot of doors without a replacement closer. That's why we offer the rebuilt Kawneer Husky. It's an exact match - hole for hole! Even the part numbers are the same! This means there is no time wasted having to make changes to holes or using a retrofit kit, resulting in less time on the job and more profit in your pockets.

Features

- Double Acting
- Non Handed
- Fully Adjustable Latch and Sweep speed adjustments.
- 105 degree hold open, no hold open & 90 degree hold open.
- Center Hung & Offset Hung applications.
- Light duty for 2'6" doors.
- Medium duty for 3'0" doors.
- Heavy Duty for 3'6" doors.
- Extra heavy duty for 4'0" doors.
- A wide variety of options are available.
- 1 year warranty

Center Hung			Offset Hung		
2'6" Door Width			2'6" Door Width		
37-624	105 degrees	No Hold Open	37-621	105 degrees	No Hold Open
37-625	90 degrees	Hold Open	37-622	90 degrees	Hold Open
37-626	105 degrees	Hold Open	37-623	105 degrees	Hold Open
3'0" Door Width			3'0" Door Width		
37-627	105 degrees	No Hold Open	37-624	105 degrees	No Hold Open
37-628	90 degrees	Hold Open	37-625	90 degrees	Hold Open
37-629	105 degrees	Hold Open	37-626	90 degrees	Hold Open
3'6" Door Width			3'6" Door width		
37-630	105 degrees	No Hold Open	37-627	105 degrees	No Hold Open
37-631	90 degrees	Hold Open	37-628	90 degrees	Hold Open
37-632	105 degrees	Hold Open	37-629	105 degrees	Hold Open
4'0" Door Width			4'0" Door Width		
37-633	105 degrees	No Hold Open	37-630	105 degrees	No Hold Open
37-634	90 degrees	Hold Open	37-631	90 degrees	Hold Open
37-635	105 degrees	Hold Open	37-632	105 degrees	Hold open

Accessories

141-011
Offset Arm & Track Assembly



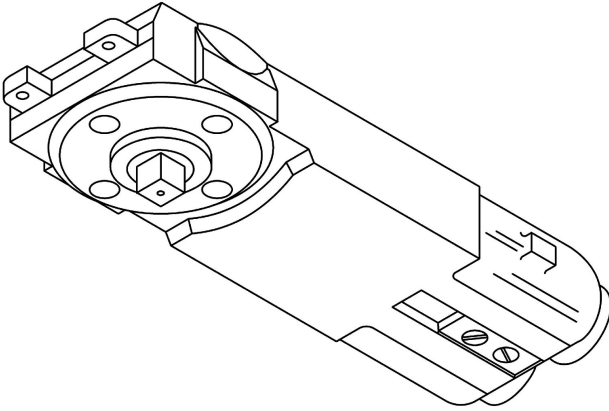
38-165
Center Hung Arm Assembly



37-938
Center Hung
Bottom Pivot Assembly



HUSKY II

**Features**

- Double Acting
- Non Handed
- Fully Adjustable Latch and Sweep speed adjustments.
- 105 degree hold open, no hold open & 90 degree hold open.
- Center Hung & Offset Hung applications.
- Light duty for 2'6" doors.
- Medium duty for 3'0" doors.
- Heavy Duty for 3'6" doors.
- Extra heavy duty for 4'0" doors.
- A wide variety of options are available.

Center Hung**2'6" Door Width**

50-624	105 degrees	No Hold Open
50-625	90 degrees	Hold Open
50-626	105 degrees	Hold Open

3'0" Door Width

50-627	105 degrees	No Hold Open
50-628	90 degrees	Hold Open
50-629	105 degrees	Hold Open

3'6" Door Width

50-630	105 degrees	No Hold Open
50-631	90 degrees	Hold Open
50-632	105 degrees	Hold Open

4'0" Door Width

50-633	105 degrees	No Hold Open
50-634	90 degrees	Hold Open
50-635	105 degrees	Hold Open

Offset Hung**2'6" Door Width**

50-621	105 degrees	No Hold Open
50-622	90 degrees	Hold Open
50-623	105 degrees	Hold Open

3'0" Door Width

50-624	105 degrees	No Hold Open
50-625	90 degrees	Hold Open
50-626	90 degrees	Hold Open

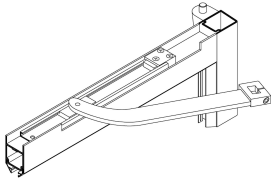
3'6" Door width

50-627	105 degrees	No Hold Open
50-628	90 degrees	Hold Open
50-629	105 degrees	Hold Open

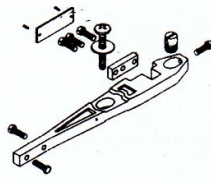
4'0" Door Width

50-630	105 degrees	No Hold Open
50-631	90 degrees	Hold Open
50-632	105 degrees	Hold open

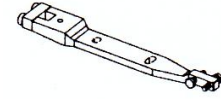
50-719
Offset Arm & Track Assembly



50-702
Center Hung Arm Assembly
Side Load



50-712
Center Hung Arm Assembly
End Load



Husky II Center Hung
Mounting Tray



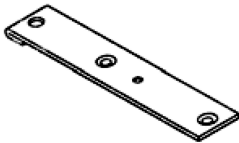
450-396
Center Hung
Dress Plate



Husky II SAMII
Mounting Tray



450-398
SAMII
Dress Plate



Husky II Plate

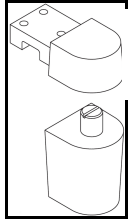


450-147
Husky Retrofit
Dress Plate

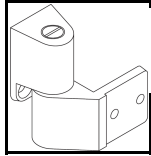


OFFSET PIVOTS

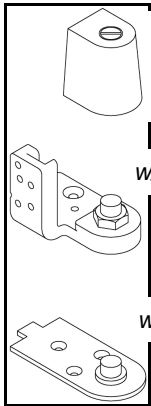
KAWNEER



50-322
Standard Top Pivot Package



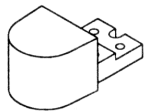
50-331
Standard Intermediate Package



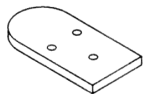
50-326 (RH)
50-327 (LH)
Standard Bottom Pivot Package

w/ threshold

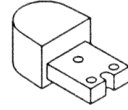
w/o threshold



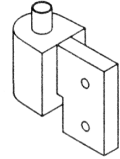
41-927
Top Pivot (frame portion) for
SAM II applications



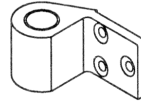
47-602 .188" thick
47-603 .250" thick
47-604 .312" thick
47-605 .500" thick
Bottom Pivot Shim



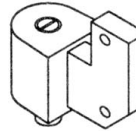
118-400
Top Pivot (frame portion) for
Tuffline Door



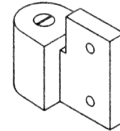
118-401
Top Pivot (door portion) for
Tuffline Door



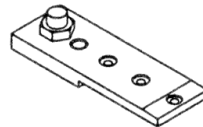
118-403
Intermediate Pivot (frame portion)
for Tuffline Door



118-403
Intermediate Pivot (door portion)
for Tuffline Door



118-409
Bottom Pivot (door portion) for
Tuffline Door



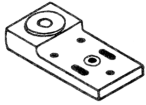
118-411
Bottom Pivot (frame portion) for
Tuffline Door



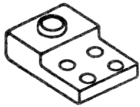
118-404
Hole Plug for Intermediate Pivot
with Tuffline Door



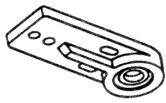
37-938
Bottom Center Pivot Package



37-942
Top Center Pivot (door portion)
for 190 Door



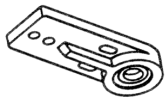
37-823
Top Center Pivot (door portion)
for 350/500 Door



50-350
Bottom Center Pivot Package
(w/ threshold)



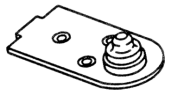
50-351
Bottom Center Pivot (door portion)
w/ threshold



50-360
Bottom Center Pivot (frame portion)
w/ threshold



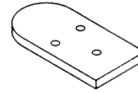
50-370
Bottom Center Pivot (frame portion)
w/o threshold



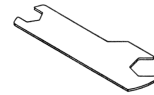
50-355
Bottom Center Pivot Replacement
Package



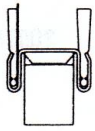
50-375
Replacement Pin Assembly for Bottom
Center Pivot (frame portion) to convert
pre-1994 Pivot to New Door



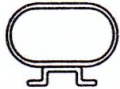
47-602 .188" thick
47-603 .250" thick
47-604 .312" thick
47-605 .500" thick
Bottom Pivot Shim



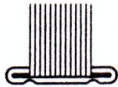
47-956
Wrench for concealed closer floor
pivot



200-762
*Standard Adjustable Astragal
for standard doors.*



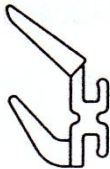
27-078
Bulb Door Frame Weathering



27-205
*Standard Weathering Strip for
narrow stile doors.*



27-206
*Extra High Weathering Strip for
narrow stile doors*



27-557
*Standard Door Glazing Gasket
for double glazing.*



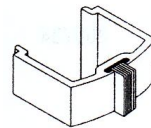
27-563
*Standard Door Glazing Gasket
for single glazing.*



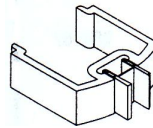
104-787
*Pile Weatherstrip for
Entara Entrance framing.*



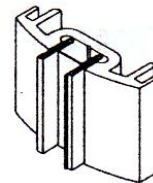
200-799
*Bottom Rail Weathering Sweep
for variable size door up to 4'0"*



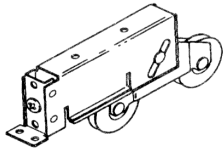
38-352
*Weathered Filler Dress Cap for
190 doors.*



48-430
*Weathered Filler Dress Cap for
350/500 doors.*



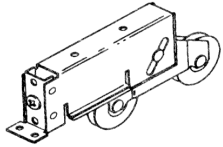
237-426
*Weathered End Cap for top and
bottom stile on center hung
Flushline door.*



590-410
Standard Caster for 990 sliding door.



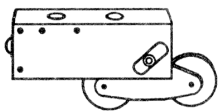
91-279
Outboard Head Guide Housing for 1040 sliding door.



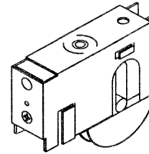
590-441
Stainless Steel Caster for 990 sliding door.



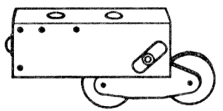
91-280
Inboard Head Guide Housing for 1040 sliding door.



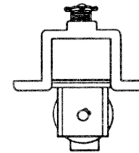
912-143
Standard Wheel Assembly for 1010 sliding door.



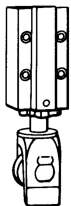
88-684
Stainless Steel Adjustable Door Wheel Assembly for 1010 sliding door screens.



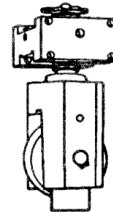
912-145
Wheel Assembly with Stainless Steel wheels for 1010 sliding door.



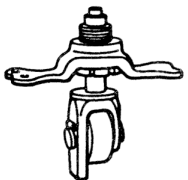
92-171
Inboard Caster Assembly for 1070 sliding mall front.



91-281
Outboard & Recessed Caster Assembly



92-172
Recessed Caster Assembly for 1070 sliding mall front.



91-282
Inboard Caster Assembly for 1040 sliding door.



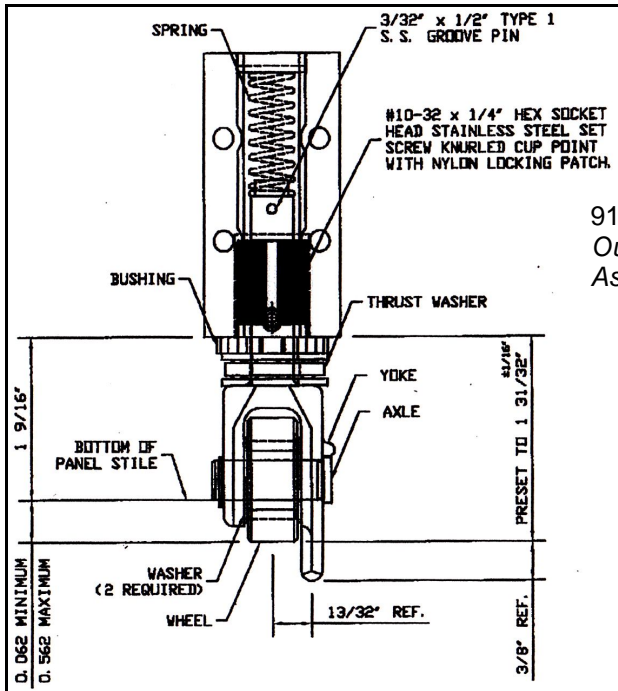
92-160
Recessed Head Guide Housing for 1070 sliding mall front.



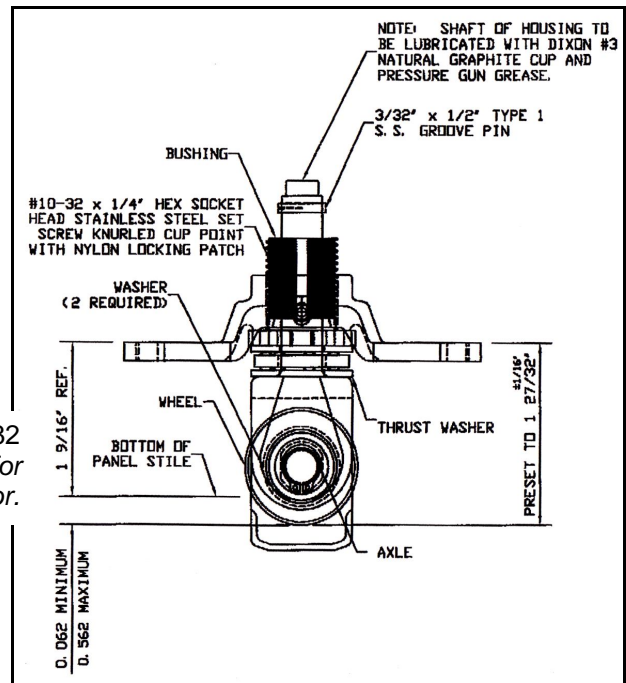
91-319
Inboard Head Guide Pin for 1040/1070 sliding door.

91-320
Recessed or Outboard Head Guide Pin for 1040/1070 sliding door

1040 SLIDER ACCESSORIES



91-281
Outboard & Recessed Caster
Assembly

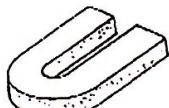


91-282
Inboard Caster Assembly for
1040 sliding door.

Track Accessories



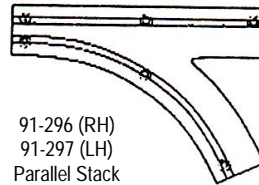
91-400
Sill Track



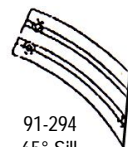
91-283
Compressible Shim



60-110
Drain Tube



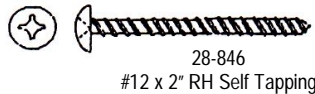
91-296 (RH)
91-297 (LH)
Parallel Stack
Diverter



91-294
65° Sill



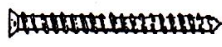
91-401
Surf. Track Adaptor



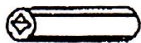
28-846
#12 x 2" RH Self Tapping



28-714
Plastic Anchor



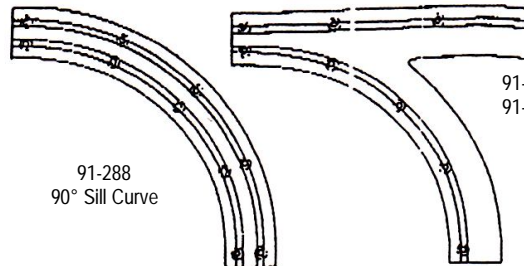
28-763
#10 x 2" RH Self Tapping



28-544
Plastic Anchor



128-120
Splice Pin

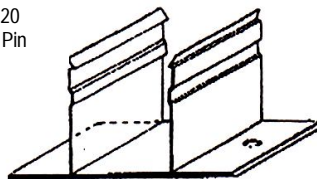


91-288
90° Sill Curve

91-290 (LH)
91-291 (RH)



91-311
Recess Track



91-308
Recess Drain Track

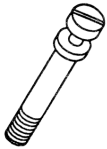




128-519
Mounting Stud for single acting
Architects Classic pull handle.
(post 9/01)



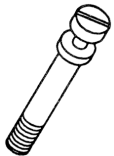
47-768
Filler Plug for panic device
handles.



28-357
Mounting Stud for double acting
L push bars.



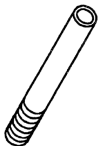
28-362
Short Mounting Stud for
style T pull.



28-775
Long Mounting Stud for style T
pull and Architects Classic push
bar.



28-367
Mounting Stud for push bars at
Pivot Stile.



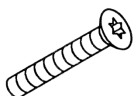
28-553
2-7/32" Long Mounting Stud for
push/pulls.



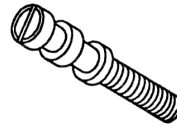
28-560
Threader Spacer for push/pulls.



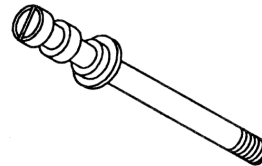
28-770
Mounting Stud for double acting
F-2 push.



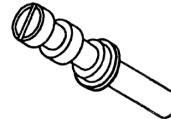
128-201
Mounting Stud for double acting
G-2 push.



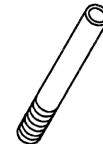
128-294
Short Mounting Stud for
Architects Classic push/pulls.



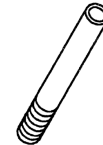
128-295
Long Mounting Stud for
Architects Classic push/pulls.



128-296
Mounting Stud for Back to
Back Architects Classic pulls.



128-234
2-5/8" Long Mounting Stud for
Architects Classic push/pulls on
Insulclad Doors.



128-318
2-5/8 16 Long Mounting Stud for
Architects Classic push/pulls on
Tuffline Doors.



28-343
Rivnut for push/pulls.

PANELINE

A panic device should not hinder design. So Kawneer's Paneline does not look like conventional exit hardware and blends into entrances because it is a truly concealed exit device that is integrated into the design. The only clues that this is a panic device are the push panel and the unlocking action.

Performance

Paneline is easy to use: pressure in the exit direction applied to any part of the push panel will release the latches to open the door rapidly in any situation. It can be used with the Panic Guard retractable astragal bar (see back page). Paneline offers improved safety because the almost-flush design makes it difficult to jam by chaining or blocking. The design also provides improved security and discourages tampering, because there are no crash bars to hook with wires. The Architects Classic pull handle is standard and a protective cylinder guard that coordinates with the hardware line is available as an option. And for increased security, the Paneline rail adds to inherent door strength in the critical impact-stress area.

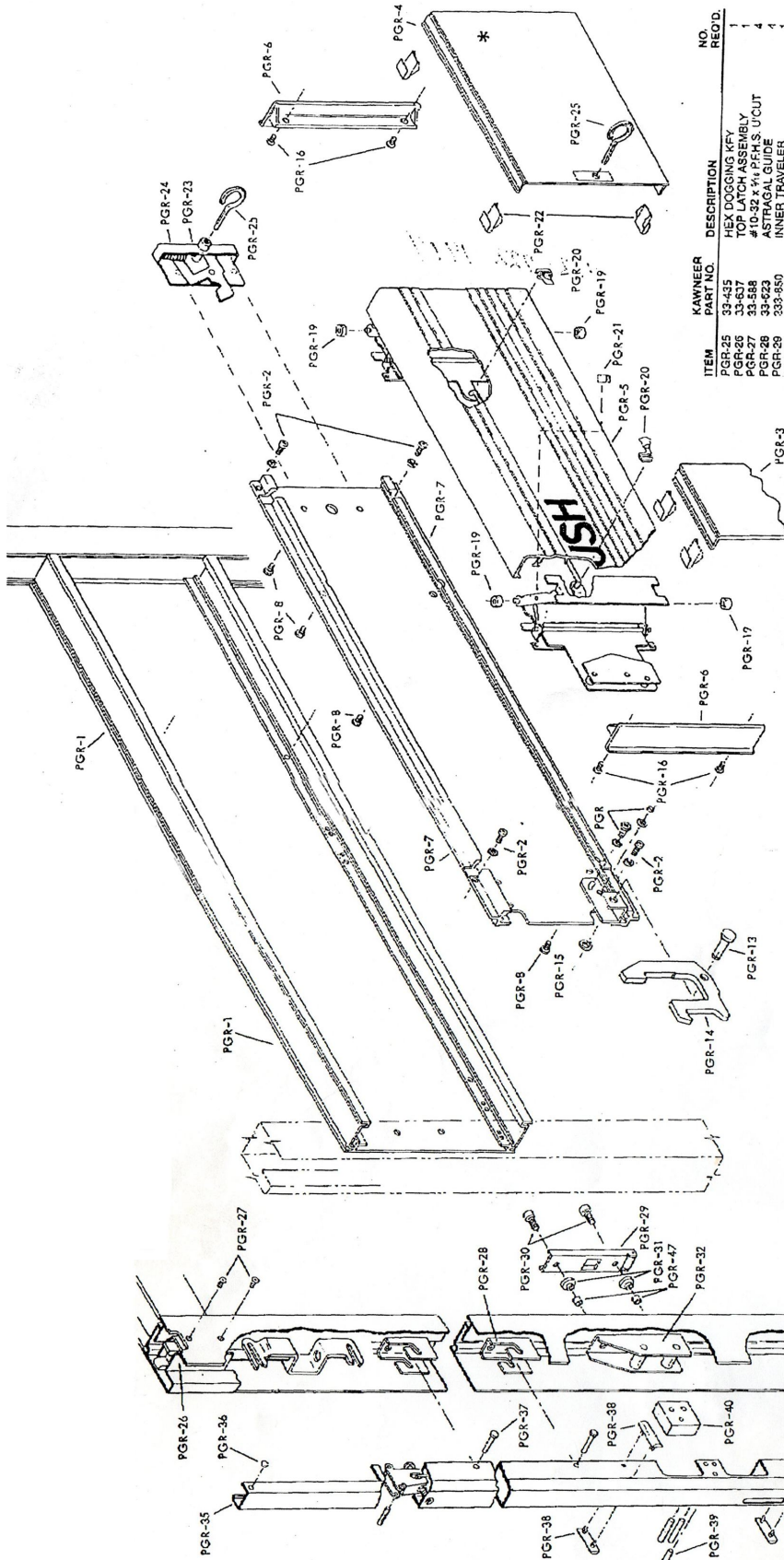
Aesthetics

In the open position, the actuating panel recesses into the door's cross rail, disguising itself as a push plate. Paneline protrudes only 11/8 inch from the door in the operating position and only 1/4 inch when depressed. It is rounded and fits snugly at the perimeter so that fingers and hands — even those of children — cannot get caught. Optional matching dummy panels for vestibule doors and fixed panels for sidelites are available to allow design continuity throughout the entrance structure.

Reliability

Kawneer's Paneline unit and exit device is listed with Underwriters Laboratories as a complete assembly. Paneline is available on Kawneer's 190 Narrow Stile, 350 Medium Stile, 500 Wide Stile, 350 Tuffline®, 500 Tuffline, 350 Heavy Wall and Flushline® Entrances. Mounting is with butt or continuous geared hinges, offset or center pivots. Fully integrated frames — with or without transom — are also available.





DEVICE SHOWN IS FOR R.H. INACTIVE LEAF

ITEM	KAWNEER PART NO.	DESCRIPTION	NO.	REQ'D
PGR-1	VARIES	CROSS TRANS PART OF DOOR	1	
PGR-2	28-403	#10.24 x 1/2 P.F.H.S. THREADED CUTTING & 28-724 LOCK WASHER	4	
PGR-3	233-457	LOCK STILE FILLER PLATE	1	
PGR-4	233-494	PIVOT STILE FILLER PLATE FOR 3 0" - 1 1/8" DOORS	1	
PGR-5	233-496	PIVOT STILE FILLER PLATE (VARIABLE) SPECIFY NET PUSH PANEL ASSY R.H.	1	

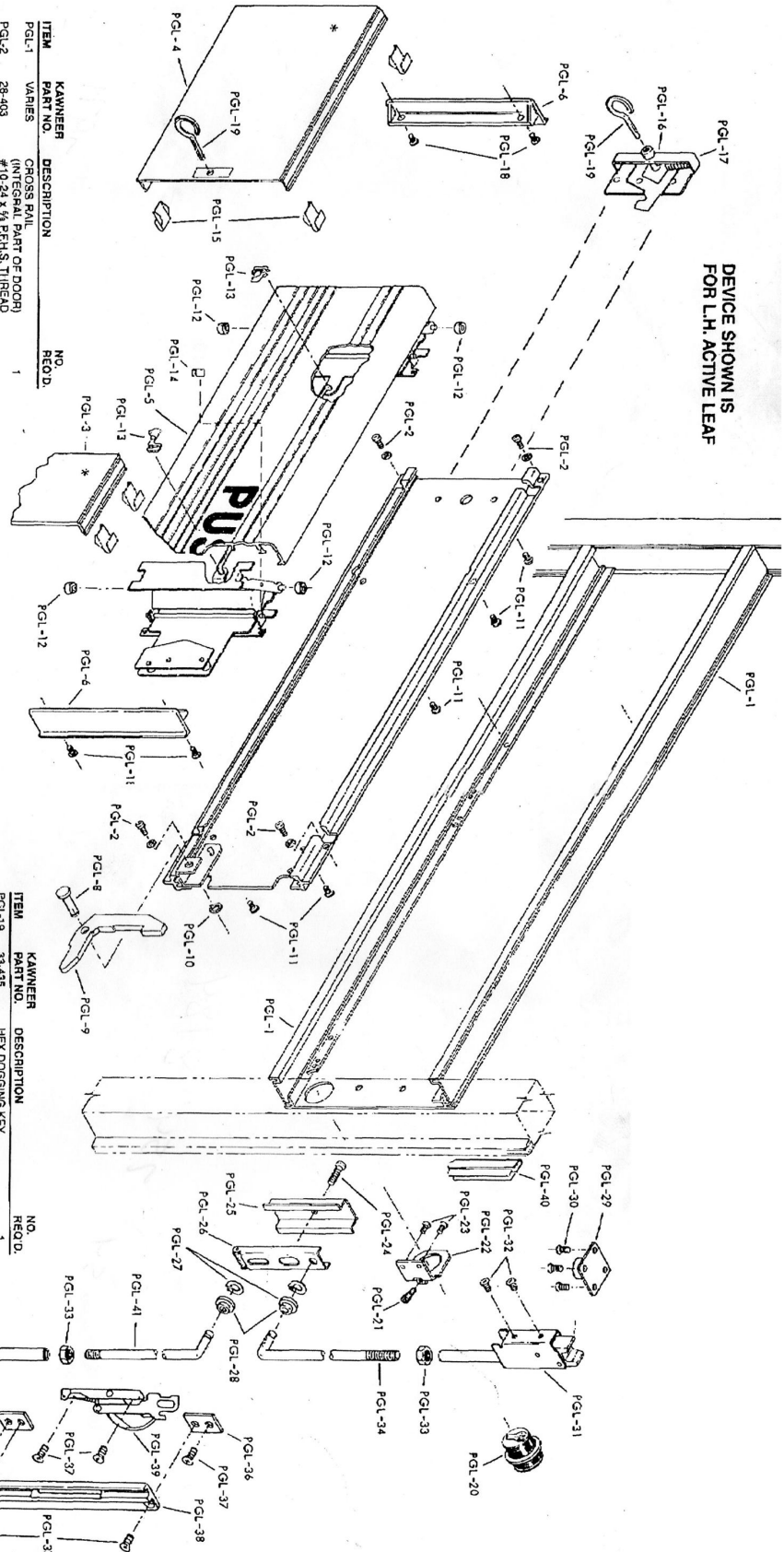
ITEM	KAWNEER PART NO.	DESCRIPTION	NO.	REQ'D
PGR-6	33-118	PUSH PANEL DRESS CAP	2	
PGR-7	233-407	CHASSIS #10 x 1/2 P.F.H. U/CUT	1	
PGR-8	28-660	#20.00 x 1/2 P.F.H. U/CUT	2	
PGR-9	28-747	#10 x 1/2 P.F.H.S. W/WASHER	4	
PGR-10	233-448	LEVER AXLE	2	
PGR-11	233-836	LOCKING LEVER	1	
PGR-12	33-136	RETAINING RING	1	
PGR-13	28-352	THREAD FORMING	4	
PGR-14	33-124	TOGGLE WHEEL	4	
PGR-15	33-126	SAFETY CLIP	4	
PGR-16	33-128	FILLER PLATE SPRING	4	
PGR-17	33-093	DOGGING ASSY (INCLUDES SLIDE ACTUATING PIN)	1	
PGR-18	33-091	SLIDE ACTUATING PIN	1	

ITEM	KAWNEER PART NO.	DESCRIPTION	NO.	REQ'D
PGR-19	33-445	HEX DOGGING KEY	1	
PGR-20	33-446	TOP LATCH ASSEMBLY	1	
PGR-21	33-584	ASTRAGAL U/CUT	4	
PGR-22	33-623	ASTRAGAL GUIDE	1	
PGR-23	233-650	INNER TRAVELER	1	
PGR-24	128-353	1/2-28 x 1/2 S.H.C.S.	2	
PGR-25	133-010	SPACER BEARING	2	
PGR-26	133-059	OUTER TRAVELER	2	
PGR-27	133-069	INNER TRAVELER U/CUT	1	
PGR-28	33-658	BOTTOM ROD U/CUT	8	
PGR-29	33-659	ASTRAGAL ASSEMBLY	1	
PGR-30	233-610	ASTRAGAL ASSEMBLY VAR.	1	
PGR-31	37-809	PLASTIC HOLE PLUG	2	
PGR-32	33-813	PIN	4	
PGR-33	128-276	PLASTIC SPACER	4	
PGR-34	133-019	INNER TRAVELER	3	
PGR-35	33-522	FILLER BLOCK	1	
PGR-36	33-522	ADJUSTMENT SPRING	1	
PGR-37	128-280	1/4 DIA. x 1/2 PIN	2	
PGR-38	128-281	1/4 DIA. x 1/2 P.F.H.S.	2	
PGR-39	33-020	ADJUSTMENT BRACKET ASSY	2	
PGR-40	33-619	LOCK NUT	2	
PGR-41	33-019	ADJUSTMENT NUT	2	
PGR-42	233-615	TRAVELER SPACER	2	

‡ INCLUDED WITH PUSH PANEL ASSEMBLY PGR-6
 § INCLUDED WITH ASTRAGAL ASSEMBLY PGR-35



DEVICE SHOWN IS FOR L.H. ACTIVE LEAF



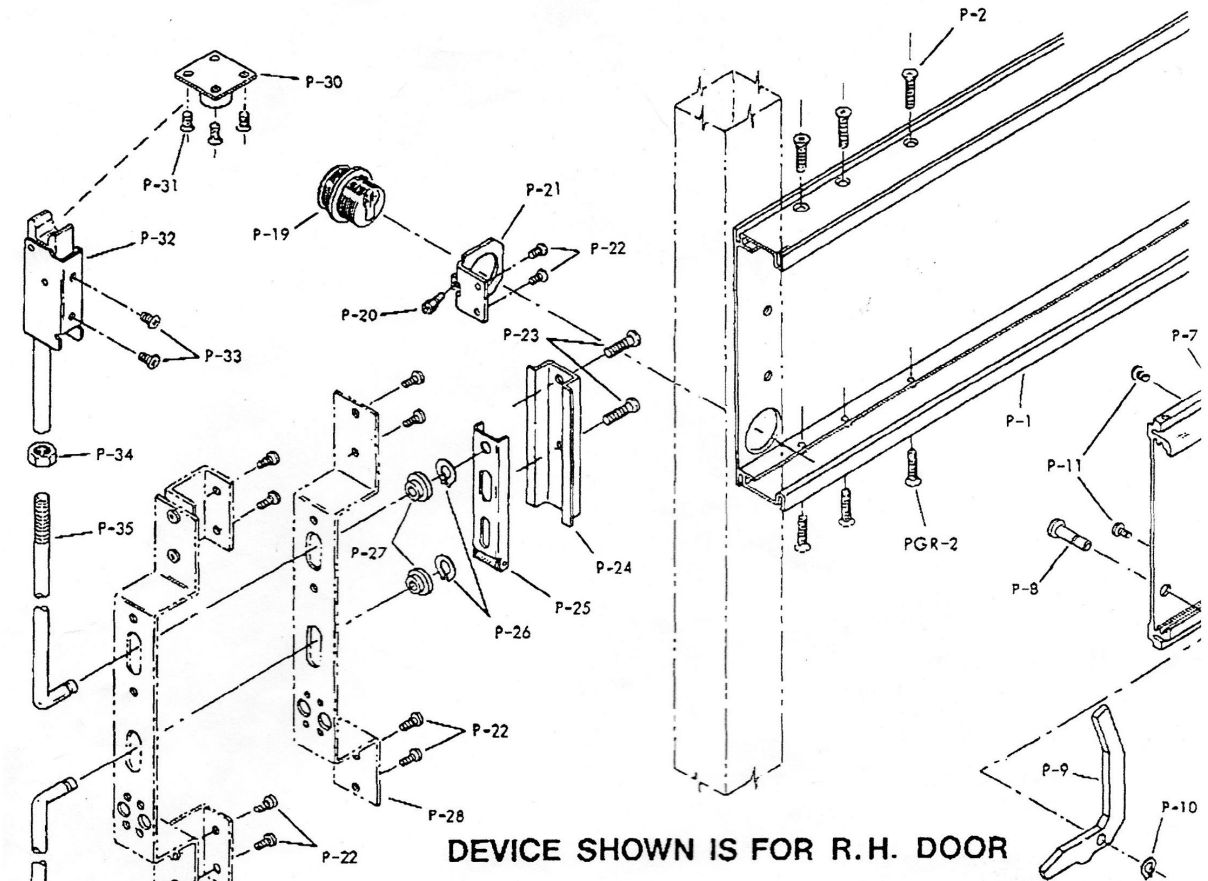
ITEM	KAWNEER PART NO.	DESCRIPTION	NO. REQ'D.
PGL-1	VARIABLES	CROSS PAUL (INTEGRAL PART OF DOOR)	1
PGL-2	28-403	#10-24 X 1/4" P.F.H.S. TIRE ROD CUTTING & 28-724 LOCK WASHER	4
PGL-3	233-457	LOOK STYLE FILLER PLATE	1
PGL-4	233-484	PIVOT STYLE FILLER PLATE (VARIABLE SPECIFY DOOR OPENING WIDTH) PUSH PANEL ASSY L.H.	1
PGL-5	233-533		1

ITEM	KAWNEER PART NO.	DESCRIPTION	NO. REQ'D.
PGL-6	33-118	PUSH PANEL DRESS CAP	2
PGL-7	33-119	LEVER	1
PGL-8	33-117	RETAINING RING	1
PGL-9	33-136	#10-32 X 1/4" P.F.H. U/CUT SCREW	10
PGL-10	28-890	TOGGLE WHEEL	4
PGL-11	33-124	SCREW ROD CLIP	2
PGL-12	33-125	FILLER PLATE SPRING	8
PGL-13	33-126	DOGGING ASSY (INCLUDES SIDE ACTUATING PIN)	1
PGL-14	33-085	#10 X 1/2" PAN H.S. THREAD FORMING	4
PGL-15	33-091		
PGL-16	33-091		
PGL-17	28-392		

* SEE PAGE 3 FOR DOOR OPENING DIMENSION

ITEM	KAWNEER PART NO.	DESCRIPTION	NO. REQ'D.
PGL-19	33-435	HEX DOGGING KEY	1
PGL-20	VARIABLES	LOCK CYLINDER	1
PGL-21	28-408	1/8-32 X 1/4" S.H.C.S.	1
PGL-22	33-204	LOCK CYL. NUT BRACKET	1
PGL-23	28-403	1/8-32 X 1/4" PAN H.S. TIRE ROD CUTTING	1
PGL-24	28-751	350° DOORS	2
PGL-25	233-488	500° DOORS	10
PGL-26	33-428	#12 X 1/2" PAN H.S. THREAD FORMING	1
PGL-27	33-402	TRAVELER HOUSING	1
PGL-28	33-401	BEARING	1
PGL-29	33-445	STRIKE	2
PGL-30	33-438	#8-32 X 1/4" P.F.H.S.	4
PGL-31	33-492	UPPER LATCH ASSEMBLY	4
PGL-32	33-419	#10-32 X 1/4" P.F.H.S. ROD (7" DOOR)	4
PGL-33	33-418	LOWER LATCH BOLT ASSEMBLY	2
PGL-34	33-491	CLIP	1
PGL-35	33-433	COVER	2
PGL-36	28-588	STD DOOR WEATHERING	6
PGL-37	33-528	STD DOOR WEATHERING	1
PGL-38	33-528	STD DOOR WEATHERING	1
PGL-39	33-572	VARIABLE HEIGHT WEATHERING TO 9'0" OVER 9'0" WEATHERING	1
PGL-40	33-577	MUST BE SPICED (lower pin)	1

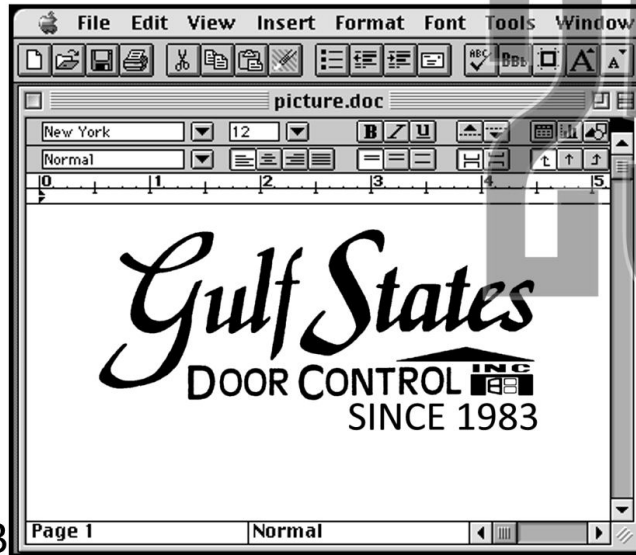




DEVICE SHOWN IS FOR R. H. DOOR

ITEM	KAWNEER PART NO.	DESCRIPTION	NO. REQ'D.
P-1	VARIES	CROSS RAIL (INTEGRAL PART OF DOOR)	1
P-2	128-152	#10-24 x 1 P.F.H.S. THREAD CUTTING	12
P-3	33-163	LOCK STILE FILLER PLATE FOR "190" DOORS	1
	33-164	LOCK STILE FILLER PLATE FOR "350" DOORS	1
	33-165	LOCK STILE FILLER PLATE FOR "500" DOORS	1
P-4	233-480	PIVOT STILE FILLER PLATE FOR 3'0" "190" DOORS	1
	233-481	PIVOT STILE FILLER PLATE FOR 3'0" "350" DOORS	1
	233-482	PIVOT STILE FILLER PLATE FOR 3'0" "500" DOORS	1
	233-483	PIVOT STILE FILLER PLATE FOR 3'6" "190" DOORS	1
	233-484	PIVOT STILE FILLER PLATE FOR 3'6" "350" DOORS	1
	233-485	PIVOT STILE FILLER PLATE FOR 3'6" "500" DOORS	1
		PIVOT STILE FILLER PLATE (VARIABLE) SPECIFY NET DOOR OPNG. WIDTH*	1

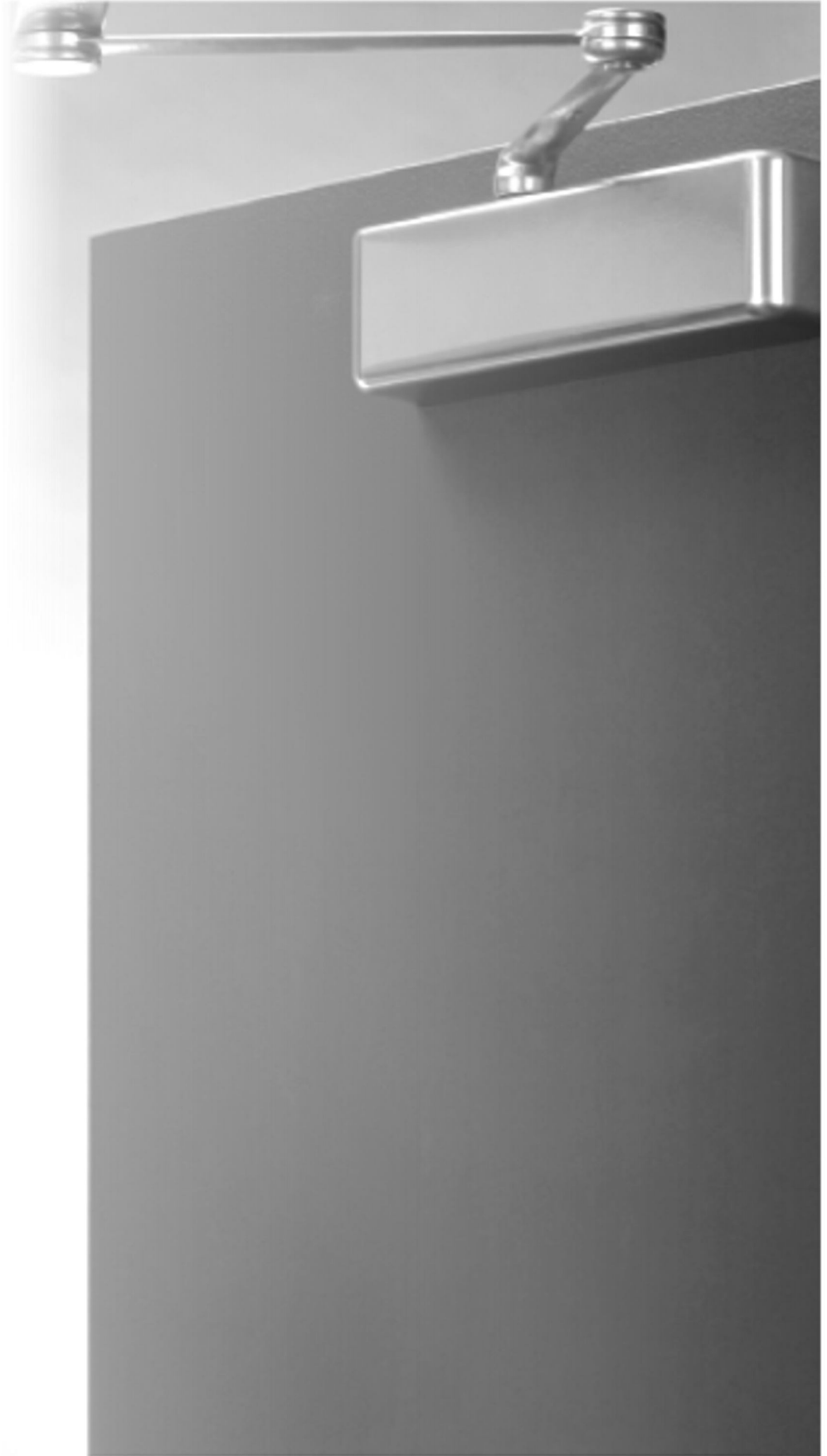
25 YEARS



February 1, 1983

Development on what was originally named Multi-Tool Word began. Having renamed it Microsoft Word, Microsoft released the program October 25, 1983, for the IBM PC.

LCN[®]

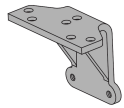




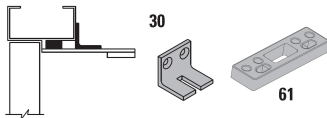
Features

- Standard 1260 series closer shipped with regular arm, a shaft cover, and self reaming and tapping screws.
- Non-sized (1-5) cylinder is adjustable for interior doors to 4'6" and exterior doors to 3'6".
- Closer mounts hinge side, top jamb and parallel arm on either right or left swinging doors.
- Mounts to most common commercial footprint (3/4" x 9 1/16").
- Closer meets ADA requirements.
- Optional Quick Fix™ bracket kit.
- Standard or optional custom powder coat finish.
- Optional SRI primer for installations in corrosive conditions.
- Optional Slim Line cover.

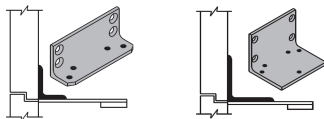
Accessories



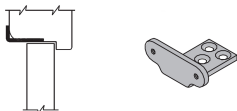
419 Cush Flush Panel Adapter



30 Cush Shoe Support
61 Blade Stop Spacer



418 PA Shoe Adapter
419 Cush Flush Panel Adapter

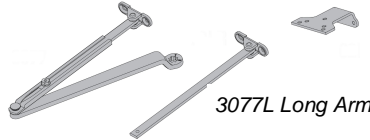


65 Soffit Shoe

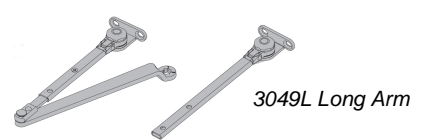


72 Cover

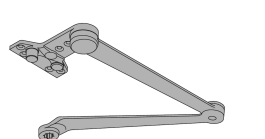
Arms



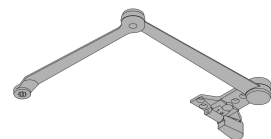
3077 Regular Arm Assembly



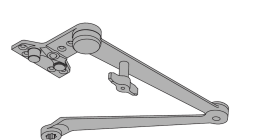
3049 Hold Open Arm Assembly



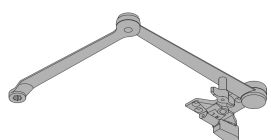
3077CNS Cush-N-Stop



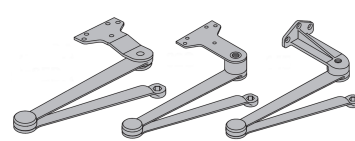
3077SCNS Spring Cush-N-Stop



3049CNS Cush-N-Stop
With Hold Open

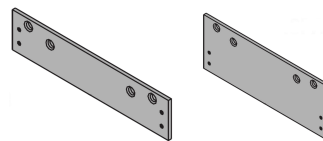


3049SCNS Spring Cush-N-Stop
With Hold Open

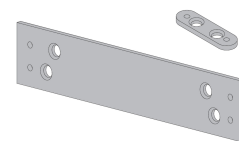


EDA - Extra Duty Arm
Available with Hold Open

Drop Plates



18 & 18PA
1260 Drop Plates



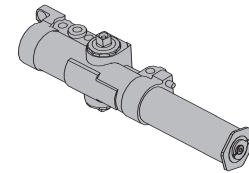
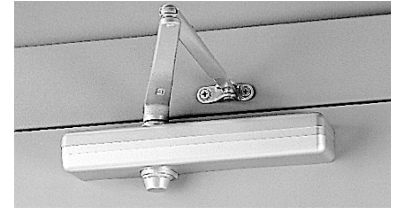
QF
1260 Quick Fix Bracket Kit

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	1261	1261	1261
	5.0* lbs.	1261	1261	1261

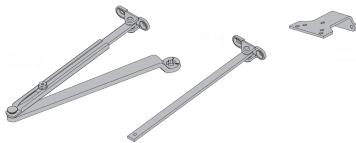


Features

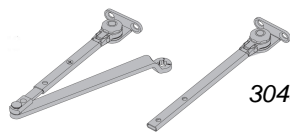
- Standard 1460 series closer shipped with regular arm, a slim line plastic cover, and self reaming and tapping screws.
- Multiple cover options include; Standard (Slim line), Smooth Slim line (EC), Full and Designer Series.
- Non-sized (1-6) cylinder is adjustable for interior doors to 5'0" and exterior doors to 4'0".
- Closer mounts hinge side, top jamb and parallel arm on either right or left swinging doors.
- Closer meets ADA requirements.
- Standard or optional custom powder coat finish.
- Optional plated finish on Designer Series metal cover, arm and fasteners.
- Optional SRI primer for installations in corrosive conditions



Arms

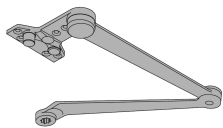


3077 Regular Arm Assembly

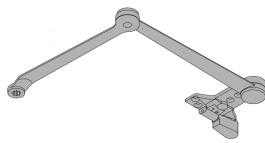


3049L Long Arm

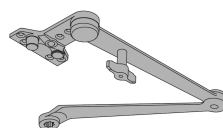
3049 Hold Open Arm Assembly



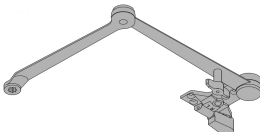
3077CNS Cush-N-Stop



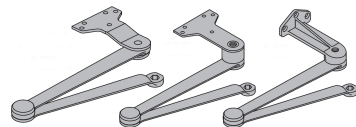
3077SCNS Spring Cush-N-Stop



3049CNS Cush-N-Stop With Hold Open

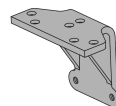


3049SCNS Spring Cush-N-Stop With Hold Open

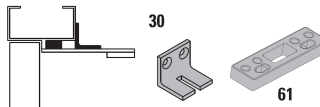


EDA - Extra Duty Arm Available with Hold Open

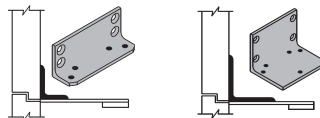
Accessories



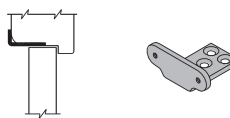
419 Cush Flush Panel Adapter



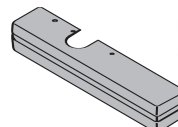
30 Cush Shoe Support
61 Blade Stop Spacer



418 PA Shoe Adapter
419 Cush Flush Panel Adapter

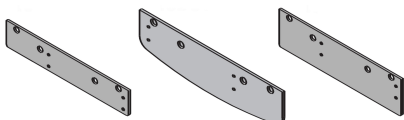


65 Soffit Shoe



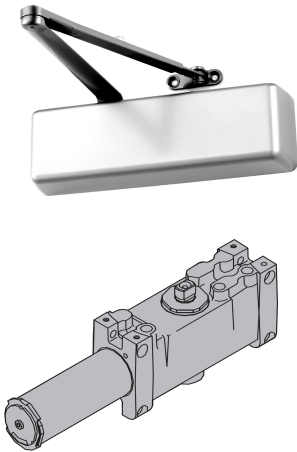
72
1460 Cover

Drop Plates



18 - 18DS1 - 18FC 1460 Cover

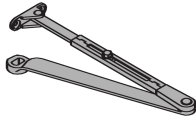
	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	1461	1461	1461
	5.0* lbs.	1461	1461	1461



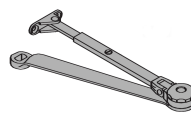
Features

- Standard 4010 series closer is shipped with regular arm, standard plastic cover, and self reaming and tapping screws.
- Sized cylinders for interior doors to 5'0" and exterior doors to 4'0".
- Non-sized cylinder (4011) adjustable for interior doors to 4'6" and exterior doors to 3'6".
- Closer mounts hinge side, specify right or left swinging door.
- Corner brackets available.
- 4011 cylinder meets ADA requirements.
- Standard or optional custom powder coat finish.
- Optional plated finish on metal cover, arm and fasteners.
- Optional SRI primer for installations in corrosive conditions is available with powder coat only.
- The 4010 Series is UL and cUL listed with regular or fusible link arms for self-closing doors.
- Tested and certified under ANSI Standard A156.4, grade one.

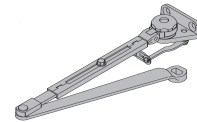
Arms



3077 Regular Arm



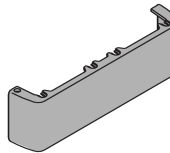
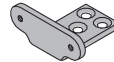
3049 Hold Open Arm

3049FL Hold Open Arm
With Fusible Link

Accessories

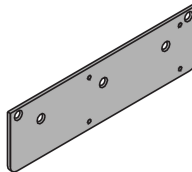


65 Soffit Shoe




72 Cover

Drop Plates



18

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	4011	4011	4011
	5.0* lbs.	4011	4011	4011

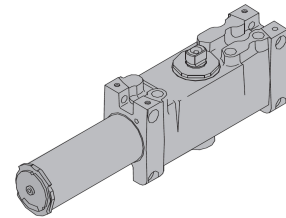
Call (800) 266-4950 Fax (800) 940-3667

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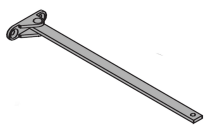
Features

- Standard 4020 series closer is shipped with regular arm, standard plastic cover, and self reaming and tapping screws.
- Sized cylinders for interior doors to 5'0" and exterior doors to 4'0".
- Non-sized cylinder (4021) adjustable for interior doors to 4'6" and exterior doors to 3'6".
- Closer mounts top jamb (push side), specify right or left swinging door.
- 4021 cylinder meets ADA requirements.
- Standard or optional custom powder coat finish.
- Optional plated finish on metal cover, arm and fasteners.
- Optional SRI primer for installations in corrosive conditions is available with powder coat only.
- The 4020 Series is UL and cUL listed with regular or fusible link arms for self-closing doors.
- Tested and certified under ANSI Standard A156.4, grade one.

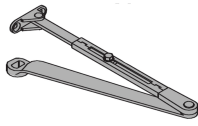


LCN

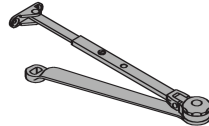
Arms



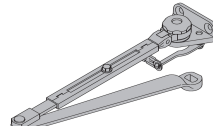
3077L Long Arm



3077 Regular Arm

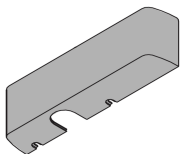


3049 Hold Open Arm



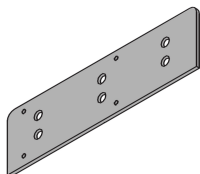
3049FL Hold Open Arm
With Fusible Link

Accessories

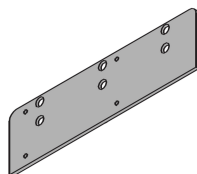


72 Cover


Drop Plates



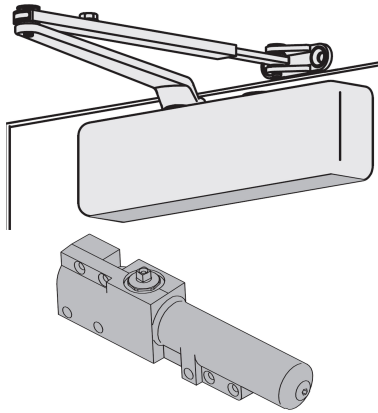
18



18G

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	4021	4021	4021
5.0* lbs.	4021	4021	4021	

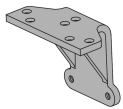
4030 SERIES



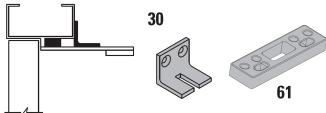
Features

- Standard new 4030 series closer is shipped with forged regular arm, metal cover and wood/self-tapping machine screw pack.
- Non-sized (1-4) 4031 cylinder for exterior doors to 36" (914 mm) and interior doors to 48" (1219 mm).
- Closer mounts hinge side, top jamb, and parallel arm, on either right or left swinging doors.
- Closer meets ADA requirements.
- Standard or optional custom powder coat finish.
- Optional plated finish on metal cover, arm and fasteners.
- Optional SRI primer for installations in corrosive conditions is available with powder coat only.
- The 4030 Series is UL and cUL listed for Self-closing doors without hold-open.
- Tested and certified under ANSI Standard A156.4, grade one.

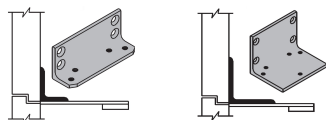
Accessories



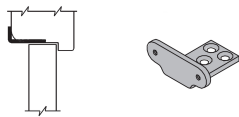
419 Cush Flush Panel Adapter



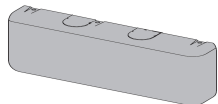
30 Cush Shoe Support
61 Blade Stop Spacer



418 PA Shoe Adapter
419 Cush Flush Panel Adapter

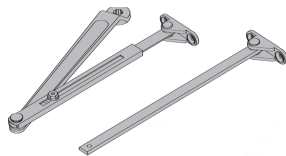


65 Soffit Shoe

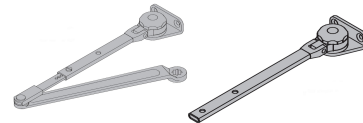


72 Cover

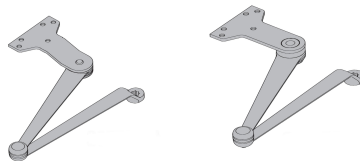
Arms



3077 Regular Arm Assembly

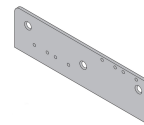


3049 Hold Open Arm

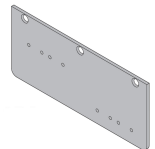


EDA Extra Duty Arm
available w/ Hold Open

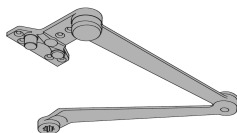
Drop Plates



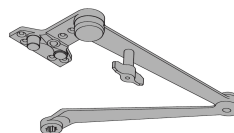
18TJ
Top Jamb



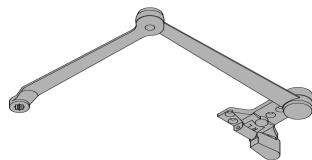
18PA
Parallel Mount



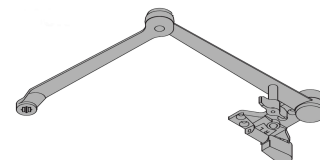
3077CNS Cush-N-Stop



3049CNS Cush-N-Stop
with Hold Open



3077SCNS Spring Cush-N-Stop



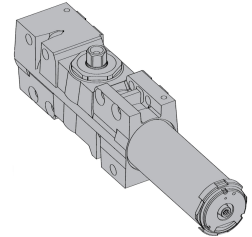
3049SCNS Spring Cush-N-Stop
with Hold Open

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	4031	4031	4031
	5.0* lbs.	4031	4031	4031

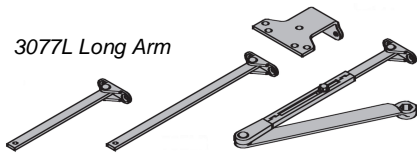


Features

- Standard 4040 series closer shipped with regular arm, standard plastic cover, and self reaming and tapping screws.
- Non-sized cylinder is adjustable for interior doors to 5'0" and exterior doors to 4'0".
- Closer mounts hinge side, top jamb, and parallel arm w/PA Shoe on either right or left swinging doors.
- Closers to meet ADA requirements.
- Standard or optional custom powder coat finish.
- Optional plated finish on cover, arm, and fasteners.
- Optional SRI primer for installations in corrosive conditions.
- Optional designer series metal cover
- UL and cUL listed for self-closing doors without hold-open.
- Tested and certified under ANSI Standard A156.4, grade one.

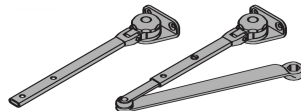


Arms

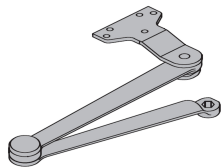


3077L Long Arm

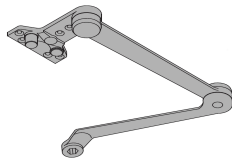
3077 Regular Arm Assembly



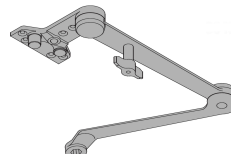
3049 Hold Open Arm



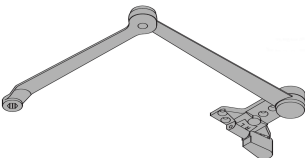
EDA Extra Duty Arm available w/ Hold Open



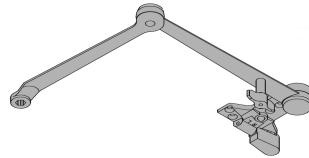
3077CNS Cush-N-Stop



3049CNS Cush-N-Stop with Hold Open

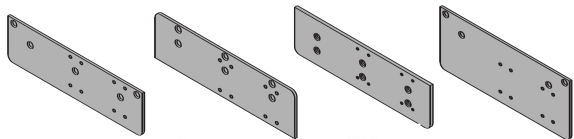


3077SCNS Spring Cush-N-Stop



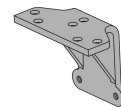
3049SCNS Spring Cush-N-Stop with Hold Open

Drop Plates

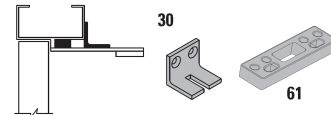


18 Narrow Rail 18G Flush Mount 18TJ Top Jamb 18PA Parallel Mount

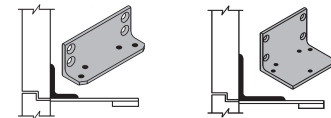
Accessories



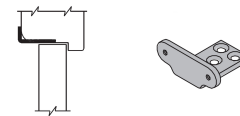
419 Cush Flush Panel Adapter



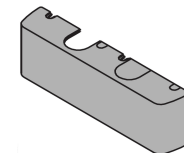
30 Cush Shoe Support
61 Blade Stop Spacer



418 PA Shoe Adapter
419 Cush Flush Panel Adapter



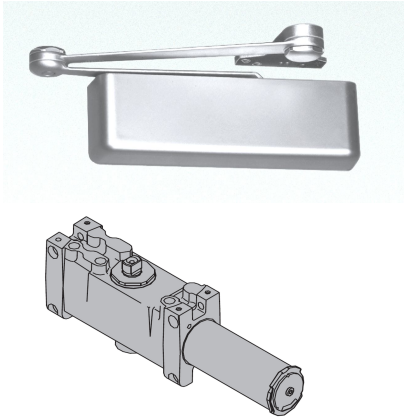
65 Soffit Shoe



72 Cover

DOOR WIDTH	36"	42"	48"
	8.5* lbs.	4041	4041
5.0* lbs.	4041	4041	4041

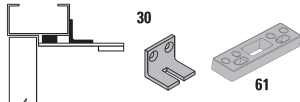




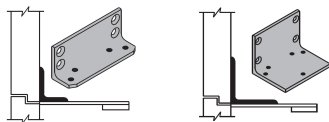
Features

- Standard 4110 series closer is shipped with EXTRA DUTY arm, standard plastic cover, 4110-201 FIFTH SCREW SPACER and self reaming and tapping screws. See 4110 Series pages 61 & 62 for options.
- Sized cylinders adjustable for interior doors to 5'0" and exterior doors to 4'0".
- Non-sized cylinder adjustable for interior doors to 4'6" and exterior doors to 3'6".
- Closer mounts parallel arm, specify right or left swinging door.
- 4111 cylinder meets ADA requirements.
- Standard or optional custom powder coat finish.
- Optional plated finish on metal cover, arm and fasteners.
- Optional SRI primer for installations in corrosive conditions is available with powder coat only.
- The 4110 Series is UL and cUL listed for self-closing doors without holdopen.
- Tested and certified under ANSI Standard A156.4, grade one.

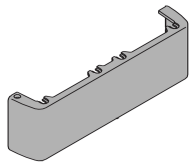
Accessories



30 Cush Shoe Support
61 Blade Stop Spacer

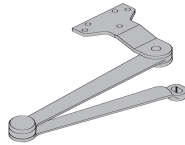


418 PA Shoe Adapter
419 Cush Flush Panel Adapter

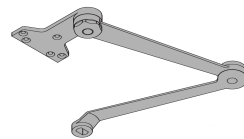


72 Cover

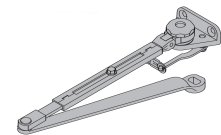
Arms



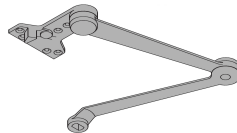
3077EDA Regular Arm



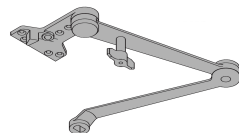
3049EDA Hold Open Arm



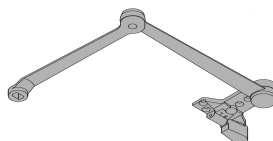
3049FL Hold Open Arm
with Fusible Link



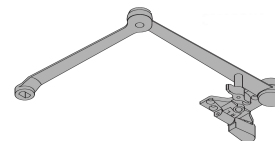
3077CNS Cush-N-Stop



3049CNS Cush-N-Stop
with Hold Open

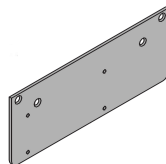


3077SCNS Spring Cush-N-Stop




3049SCNS Spring Cush-N-Stop
with Hold Open

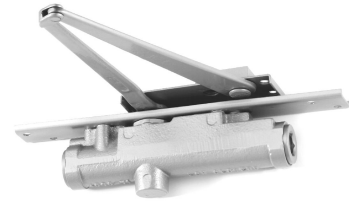
Drop Plates



18

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	4111	4111	4111
	5.0* lbs.	4111	4111	4111

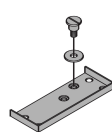
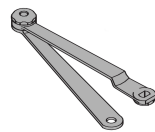
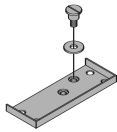
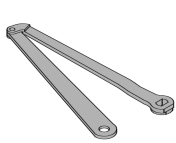




Features

- Standard 330 series closer shipped with regular arm and wood and machine screw pack.
- Sized cylinders for interior doors to 4'0".
- Handed for right or left swinging doors.
- Closer meets ADA requirements. See 330 Series page 6.
- Standard or optional custom powder coat finish.
- Optional plated finish on arm and fasteners.
- Optional SRI primer for installations in corrosive conditions.

Arms



3077 Regular Arm Assembly

3049 Hold Open Arm Assembly

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	N/A	N/A	N/A
5.0* lbs.	331	331	332	

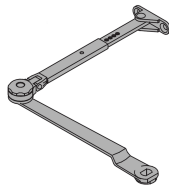
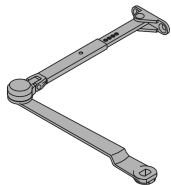
3030 SERIES

Features

- Standard 3030 series closer shipped with regular arm and wood and machine screw pack.
- Sized cylinders for interior doors to 4'0".
- Handed for right or left swinging doors.
- Closers to meet ADA requirements.
- Standard or optional custom powder coat finish.
- Optional plated finish on arm and fasteners.
- Optional SRI primer for installations in corrosive conditions.
- Consult factory for installations with pivots.



Arms

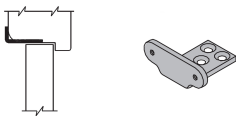


3077 Regular Arm

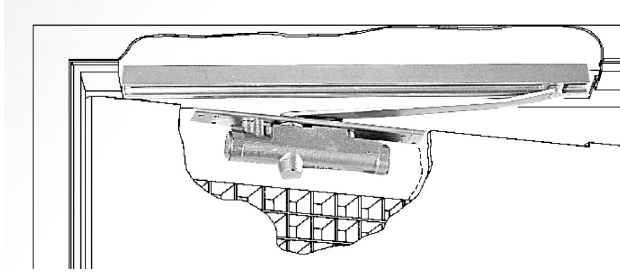
3049 Hold Open Arm

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	N/A	N/A	N/A
5.0* lbs.	3031	3031	3032	

Accessories




65 Soffit Shoe

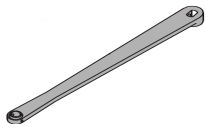


Features

- Standard 3130 series closer shipped with standard arm, standard track and wood and machine screw pack. Sized cylinders for interior doors to 3'2".
- Handed for right or left swinging doors.
- Closers to meet ADA requirements. Standard or optional custom powder coated finish.
- Optional plated finish on arm and fasteners.
- Optional SRI primer for installations in corrosive conditions.

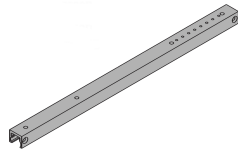
	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	N/A	N/A	N/A
	5.0* lbs.	3131	3131	3132

Arms

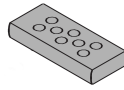


3077T Track Arm

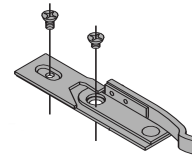
Accessories



3038 Track



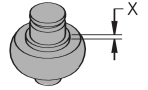
169 Track Bumper



3054 Hold Open Clip

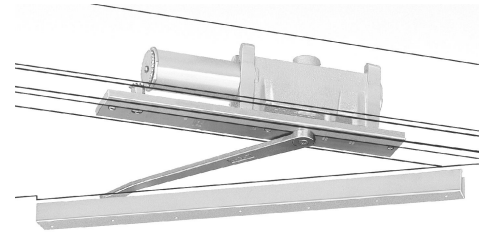


3034 Track Roller

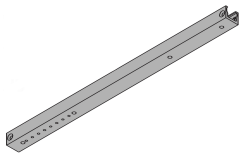


Features

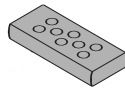
- Standard 2010 series closer shipped with standard arm, standard track, metal finish plate and wood and machine screw pack.
- Sized cylinders for interior doors to 5'0" and exterior doors to 4'0".
- Handed for right or left swinging doors.
- For aluminum, hollow metal, or wood, doors and frames.
- Aluminum frame requires minimum 4" x 4" (102 mm) tube.
- Closers to meet ADA requirements.
- Standard or optional custom powder coat finish.
- Optional plated finish on arm, fasteners and finish plate.
- Optional SRI primer for installations in corrosive conditions.



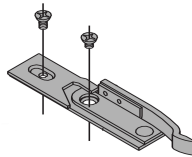
Accessories



3038 Track



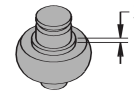
169 Track Bumper



3054 Hold Open Clip




3034 Track Roller



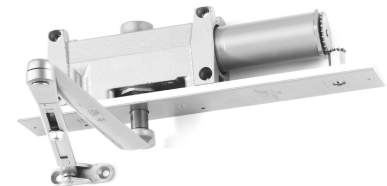
3077T Track Arm

Arms

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	2014	2014	2015
5.0* lbs.	2011	2011	2013	

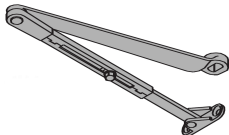
Features

- Standard 5010 series closer shipped with regular arm, metal finish plate, and wood and machine screw pack.
- Sized cylinders for interior doors to 5'0" and exterior doors to 4'0".
- Handed for right or left swinging doors.
- For hollow metal or wood, door and frame.
- Aluminum frame requires minimum 4" (102 mm) x 4" tube.
- Closers to meet ADA requirements.
- Standard or optional custom powder coat finish.
- Optional plated finish on finish plate, arm, and fasteners.
- Optional SRI primer for installations in corrosive conditions.

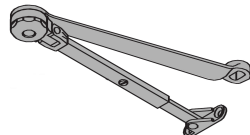


5010 SERIES

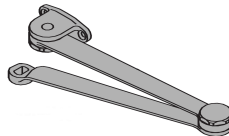
Arms




3077 Regular Arm



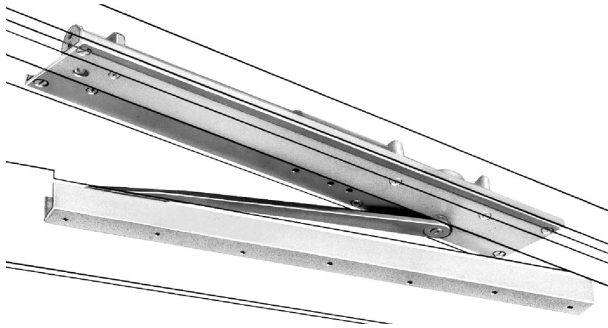
3049 Hold Open Arm




3049H180 Heavy Duty Hold Open Arm

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	5012	5013	5013
5.0* lbs.	5011	5011	5012	

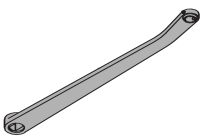
2030 SERIES



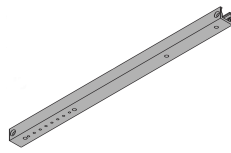
	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	2033	2033	2034
	5.0* lbs.	2031	2032	2032

Features

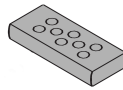
- Standard 2030 series closer shipped with standard arm, standard track, mounting/finish plate, and wood and machine screw pack.
- Sized cylinders for interior doors to 4'6" and exterior doors to 3'6".
- Handed for right or left swinging doors.
- Aluminum frame requires minimum 1 3/4" (44 mm) x 4" (102 mm) tube.
- Closers to meet ADA requirements. Standard or optional custom powder coat finish.
- Optional plated finish on arm, fasteners and finish plate.

Arms

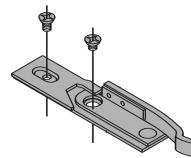
3077T Track Arm

Accessories

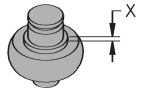
3038 Track



169 Track Bumper



3054 Hold Open Clip




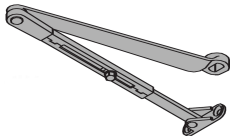
3034 Track Roller

5030 SERIES

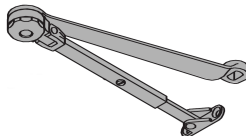
**Features**

- Standard 5030 series closer shipped with regular arm, mounting/finish plate and wood and machine screw pack.
- Sized cylinders for interior doors to 5'0" and exterior doors to 4'0".
- Handed for right or left swinging doors.
- Aluminum frame requires minimum 1 3/4" (44 mm) x 4 1/2" (114 mm) tube.
- Closers to meet ADA requirements. Standard or optional custom powder coat finish.
- Optional plated finish on arm, fasteners and mounting/finish plate.

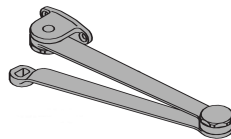
	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	5032	5033	5033
	5.0* lbs.	5031	5031	5032

Arms

3077 Regular Arm




3049 Hold Open Arm

3049H180 Heavy Duty
Hold Open Arm

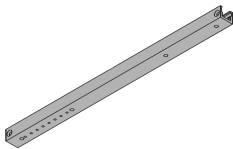
Features

- Standard 6030 series closer shipped with standard arm, standard track with bumper, mounting/finish plate and wood and machine screw pack.
- Sized, double acting cylinders for interior doors to 4'6" and exterior doors to 3'6".
- Aluminum frame requires minimum 1 3/4" (44 mm) x 4" (102 mm) tube.
- Closers to meet ADA requirements.
- Adjustment of spring power and latch speed independent for either swing.
- Backcheck and general speed adjustment are common for both swings.
- Standard or optional custom powder coat finish.
- Optional plated finish on arm, fasteners and mounting/finish plate.
- Optional SRI primer for installations in corrosive conditions.

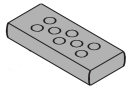


	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	6033	6034	6035
	5.0* lbs.	6031	6032	6032

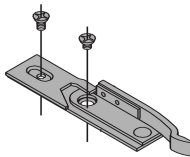
Accessories



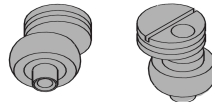
3038B Track



169 Track Bumper

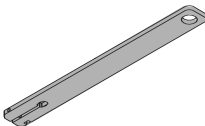


3054 Hold Open Clip

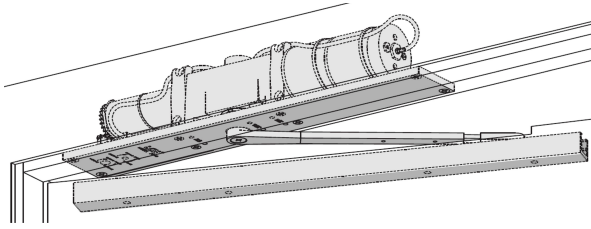


3034 Track Roller

Arms



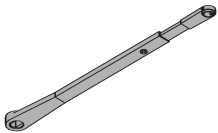
3077T Track Arm



Features

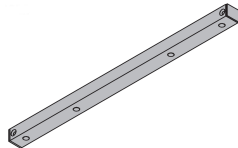
- Ideal for multi-door applications since cost per door leaf decrease significantly as the number of door leaves increases.
- Standard 2610 series closer shipped with single lever (standard) arm, mounting/finish plate, standard track and wood and machine screw pack.
- Meets ADA requirements (power mode).
- Sized cylinders for interior doors to 4'0" and exterior doors to 3'0".
- Handed for right or left swinging doors.
- Requires additional system components.
- Standard or optional custom powder coated finish.
- Optional plated finish on arm, fasteners, and mounting/finish plate.

Arms



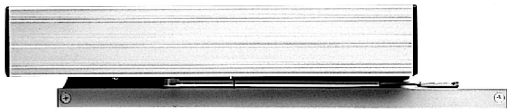
3077T Track Arm

Accessories



3038 Track

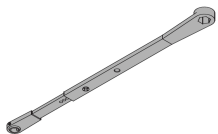
4810 SERIES



Features

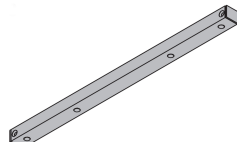
- Ideal for multi-door applications since cost per door leaf decrease significantly as the number of door leaves increases.
- Standard, plate mounted 4810 series closer shipped with single lever (standard) arm, metal cover, standard track, and wood and machine screw pack.
- Meets ADA requirements (power mode).
- Non-sized cylinders for interior doors to 4'0" and exterior doors to 3'0".
- Non-handed.
- Requires additional system components.
- Standard or optional custom powder coated finish, end caps are black.
- Optional plated finish on cover, arm, and fasteners.

Arms



3077T Track Arm

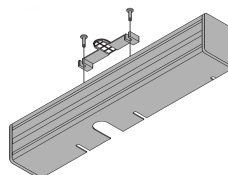
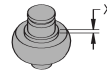
Accessories



3038 Track



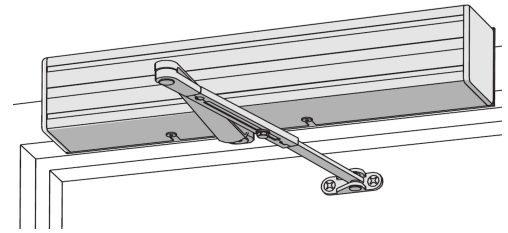
3038 Track



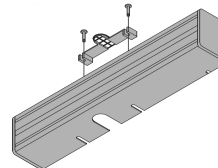
72 Cover

Features

- Ideal for multi-door applications since cost per door leaf decrease significantly as the number of door leaves increases.
- Standard, plate mounted 4820 series closer shipped with regular arm, metal cover, and wood and machine screw pack.
- Meets ADA requirements (power mode).
- Non-sized cylinders for interior doors to 4'6" and exterior doors to 3'6".
- Non-handed.
- Requires additional system components.
- Standard or optional custom powder coated finish, end caps are black.
- Optional plated finish on cover, arm, and fasteners.

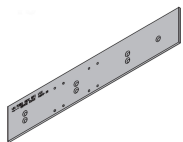


Accessories

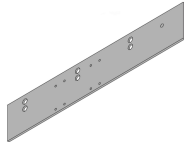


72 Cover

Drop Plates



18



18G

Arms

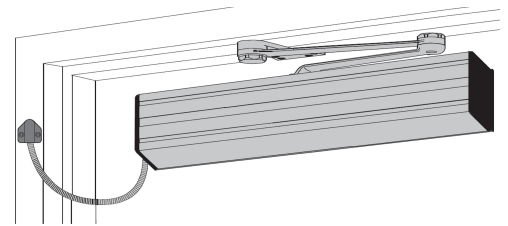


3077 Regular Arm

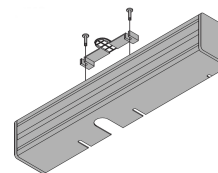
3077LR Long Rod

Features

- Ideal for multi-door applications since cost per door leaf decrease significantly as the number of door leaves increases.
- Standard, plate mounted 4840 series closer shipped with EXTRA DUTY arm, metal cover and a wood and machine screw pack.
- Meets ADA requirements (power mode).
- Installation requires use of either DOOR LOOP-459 or TRANSFER HINGE- 460.
- Non-sized cylinders for interior doors to 4'6" and exterior doors to 3'6".
- Non-Handed.
- Requires additional system components.
- Standard or optional custom powder coated finish, end caps are black.
- Optional plated finish on cover, arm, and fasteners.

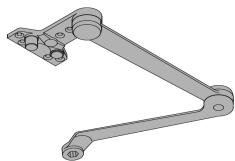


Accessories

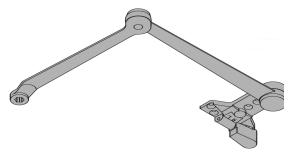


72 Cover

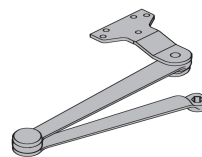
Arms



3077CNS Cush-N-Stop



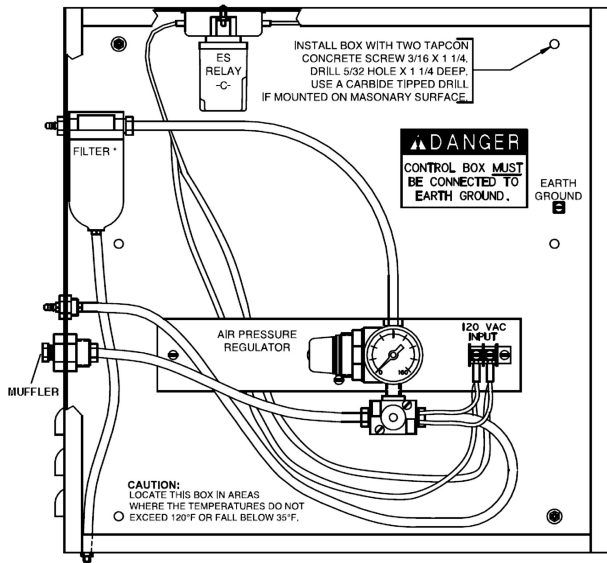
3077SCNS Spring Cush-N-Stop



EDA Extra Duty Arm

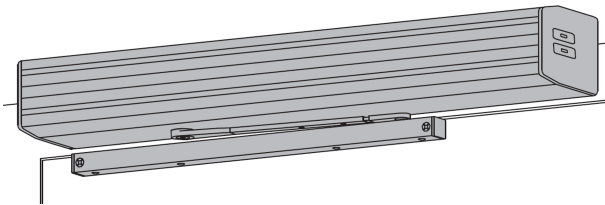


7900 CONTROL BOX

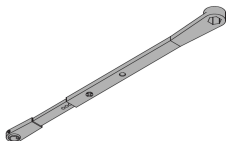
**7949 & ES7949 Features**

- Auxiliary “blow-open” box works with or without 7901 or 7902 and one or two Auto Equalizers. Controlled by smoke evacuation system, the 7949 open the door(s) to allow fresh air into the building. Normal Auto Equalizer functions are not available when “blow open” is activated.
- Optional ‘ES’ Boxes - Identical in function(s) to the basic box includes an isolated (SPDT) relay with one set of Normally Open (NO) and Normally Closed (NC) contacts to control an electric strike. The LCN control box cannot power the strike. ES7949 has two sets of isolated (DPDT) contacts. Compressor size recommendations are based on normal usage for the number of operations listed. All LCN supplied auxiliary compressors include an automatic drain feature.

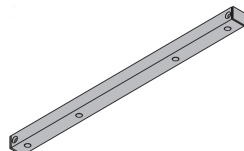
4630 SERIES

**Features**

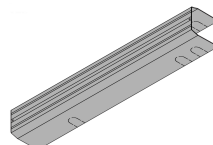
- Standard, top jamb (pull side) mounted 4630 series closer shipped with single lever (standard) arm, metal cover, standard track, and wood and machine screw pack. Actuators available separately,
- Meets ADA requirements (power mode).
- Non-sized cylinders for interior doors to 4'0" and exterior doors to 3'0".
- Non-handed for either right or left swinging door.
- 4630 has easily accessible switches to provide on/off and continuous hold open functions. 4630CS provides concealed on/off power switch. Control module provides all timing and sequential door functions, electric strike controls and adjustments for opening speed and force.
- Standard or optional custom powder coated finish, end caps are black.
- Optional plated finish on cover, arm, and fasteners.

Arms

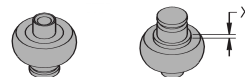
3077T Track Arm

Accessories

3038 Track



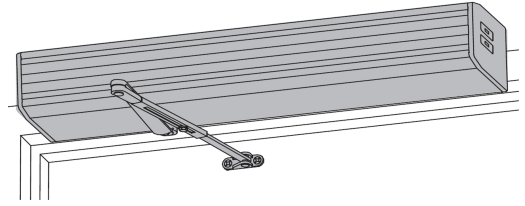
72 Cover



3034 Track Roller

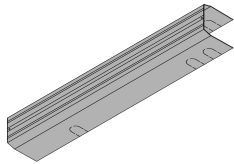
Features

- Standard, top jamb (push side) mounted 4640 series closer shipped with regular arm, metal cover, and wood and machine screw pack.
- Meets ADA, requirements (power mode).
- Non-sized cylinders for interior doors to 4'6" and exterior doors to 3'6".
- Non-handed for either right or left swinging door.
- 4640 has easily accessible switches to provide on/off and continuous hold open functions. 4640CS provides concealed on/off power switch. Control module provides all timing and sequential door functions, electric strike controls and adjustments for opening speed and force.
- Standard or optional custom powder coated finish, end caps are black.
- Optional plated finish on cover, arm, and fasteners.



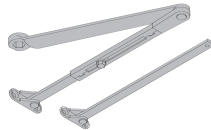
LCN

Accessories



72 Cover

Arms



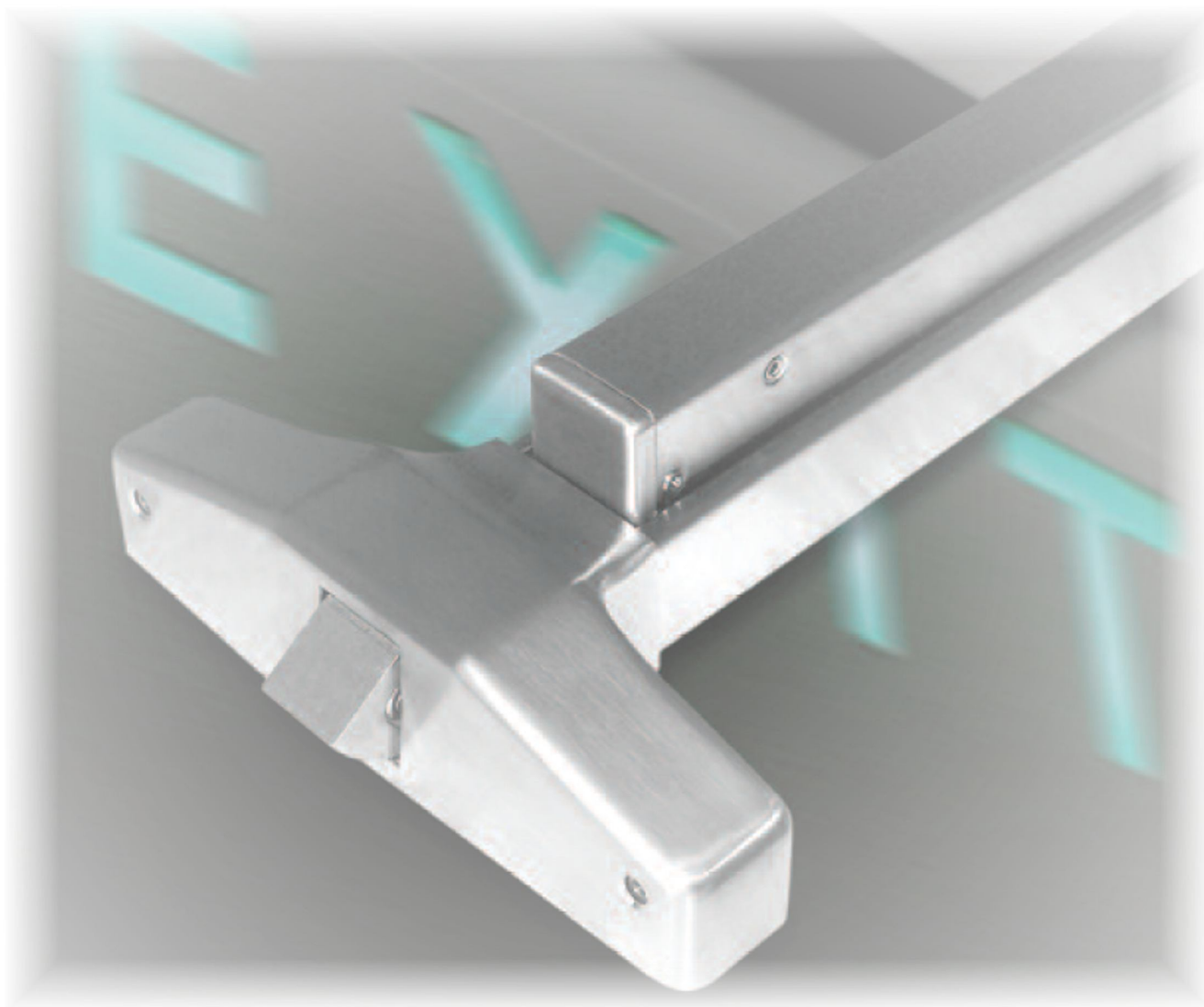
3077 Regular Arm

EXPERIENCE THE
POWER
 BEHIND THE
WHEEL.

LCN[®]



GSDC *INC.COM*
Gulf States Door Control



 **MONARCH**
Exit Devices & Door Hardware

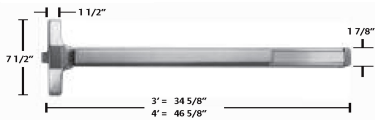
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GSDC
25
years

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EXIT DEVICES

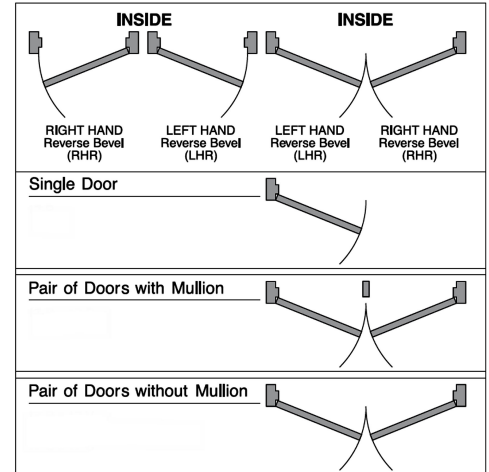
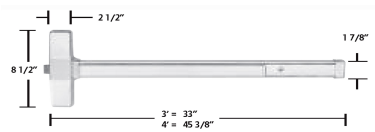
Monarch Devices are designed to meet or exceed all legal and regulatory requirements. They're sleek, functional, and durable. And they come in a wide variety of finishes and designs to match virtually any door requirement. Best of all, they're competitively priced to assure you of receiving the highest product value.

17 Series**Features**

- Available electrified and panic functions
- Hand-polished finish that stands up to constant use
- Narrow stile design
- Optional "B" label (1 1/2-hour) fire exit construction

Available in...

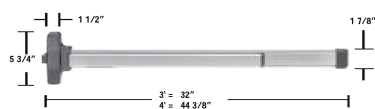
- Rim
- Surface Vertical Rod
- Concealed Vertical Rod
- Mortise

**18 Series****Features**

- ANSI Grade 1 rating
- Available in a full range of finishes
- Available with "A" label (3-hour) and "B" label (1-1/2 hour) fire exit construction
- Optional electrified and panic functions
- Full complement of exit trims to choose from

Available in...

- Rim
- Surface Vertical Rod
- Concealed Vertical Rod
- Mortise

19 Series**Features**

- ANSI Grade 1 rating
- Optional "B" label (1-1/2-hour) fire exit construction
- Available with a full complement of trims

Available in...

- Rim
- Surface Vertical Rod



FLOOR CLOSER COVERS

Thresholds can be fabricated for use with any floor closer. They are available in aluminum, bronze, or stainless steel in several finishes including slip resistant (SIA) finish. When ordering specify the following:

- *Type x number (i.e. Type 3 x 427E)
- *Material and finish
- *Door opening width
- *Door thickness if other than 1 3/4"
- *Handing (Door Handing)
- *Closer manufacturer
- *Closer model number

TYPES 1, 3, & 4

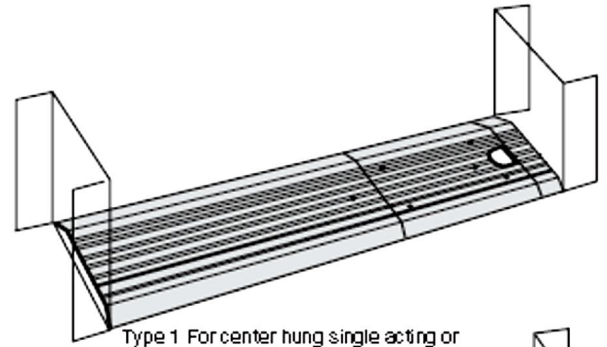
	<u>ALUMINUM</u>
1/2" x 7"	427E
1/2" x 8"	428E
1/4" x 7"	713
1/4" x 8"	813
1/2" x 9"	429E
1/2" x 10"	430E
1/4" x 9"	913
1/4" x 10"	1013

TYPE 5

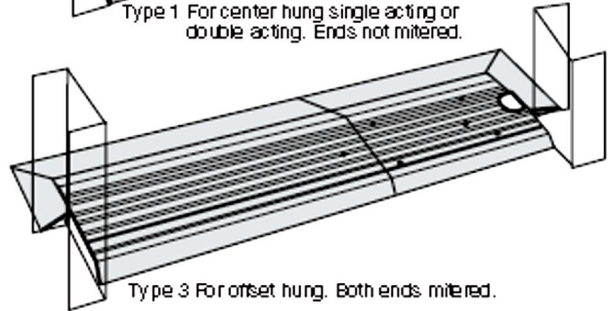
	<u>ALUMINUM</u>
1/2" x 7"x 4"	427E x 424E
1/4" x 7"x 4"	713 x 413
1/2" x 8"x 5"	428E x 425E
1/4" x 8"x 5"	813 x 513

<u>BRONZE</u>
427BR
428BR
713BR
813BR

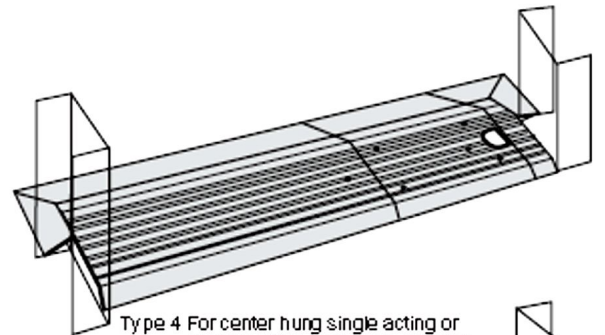
<u>BRONZE</u>
427BR x 424BR
713BR x 413BR
428BR x 425BR
813BR x 513BR



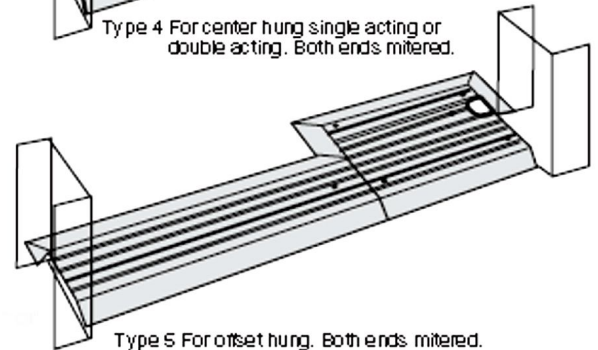
Type 1 For center hung single acting or double acting. Ends not mitered.



Type 3 For offset hung. Both ends mitered.



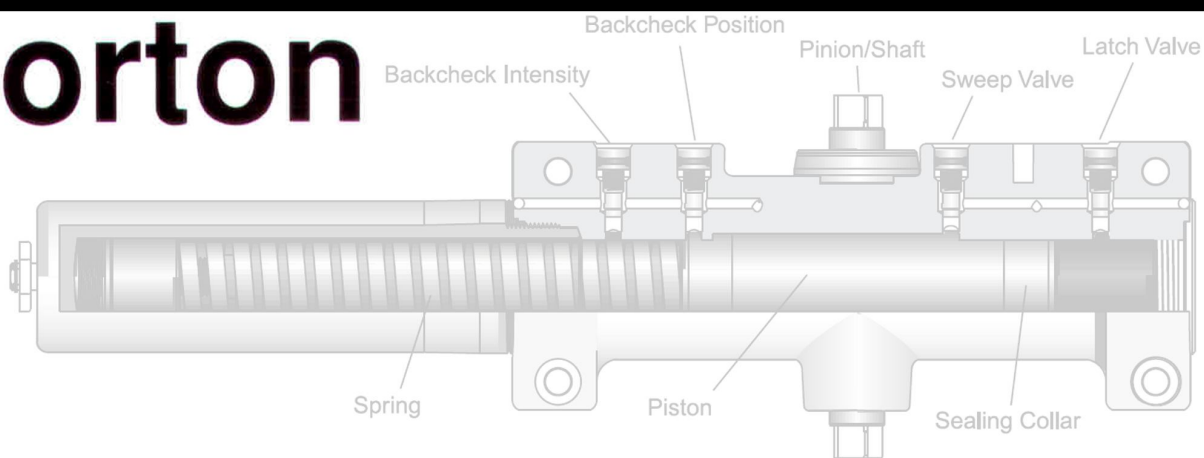
Type 4 For center hung single acting or double acting. Both ends mitered.



Type 5 For offset hung. Both ends mitered.

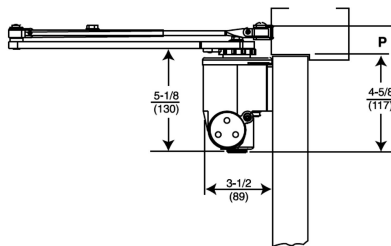
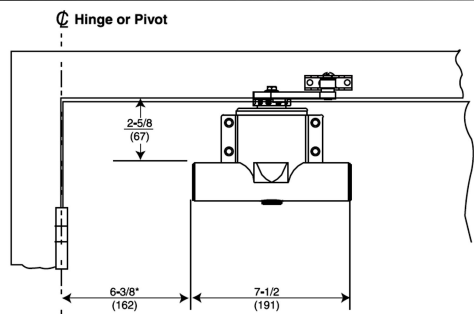


Norton





ASSA ABLOY



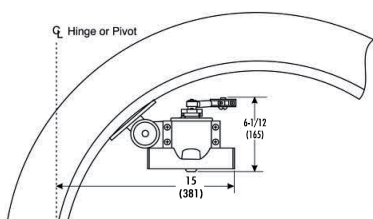
Features

Aluminum Alloy Shell: Norton® closer shells are constructed of a special aluminum alloy, carefully selected to accommodate individual closer characteristics and operating conditions.

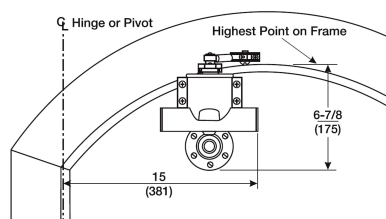
Adjustable Sweep/Latch Speed: A dual purpose regulating valve, hex-key operated, permits independent adjustment of both sweep and latch speed.

Adjustable Backcheck Cushioning: An independent regulating valve, hex-keyoperated, provides an adjustable hydraulic cushion to the door opening speed toward the end of the opening cycle. This feature is standard with all but delayed action closers. Backcheck is not available with delayed action closers.

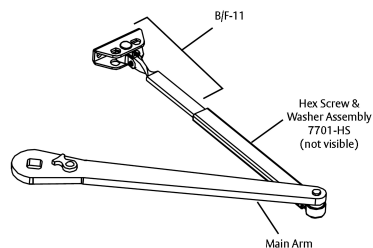
Accessories



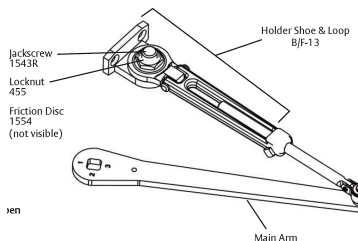
Arched or Circular Top Door - #6-B/F Adjustable Bracket: For opposite hinge side application on arched or circular top doors. This frame-mounted bracket can be adjusted to accommodate virtually any radius of frame. Minimum soffit width 2-1/2" (64mm). This bracket requires the use of a regular arm door closer of the opposite hand from that of the door. Intended for 90° door swing.



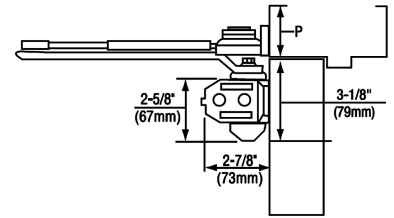
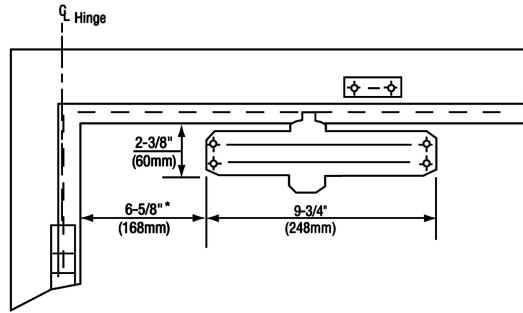
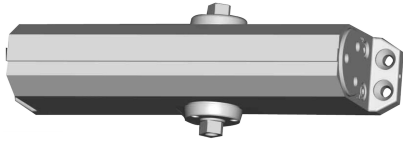
Arched or Circular Top Door - #7-B/F Offset Adjustable Bracket: For hinge side application on arched or circular top doors. This door-mounted bracket is adjustable to accommodate virtually any radius of frame. Base diameter 3-5/8" (92mm). Use in conjunction with a regular arm door closer. Intended for 90° door swing.



Non-Hold Open Arm: Standard closer will be supplied with a non-hold open arm. This arm is non-handed.



Hold Open Arm: Closer arm has adjustable hold open feature (90° to 180°). This arm is non-handed for regular arm application only. It is handed for all friction hold open parallel arm installations. Order by suffixing "HA" to the Model number.



Features

- Aluminum Alloy Housing
- Non-Handed
- Sweep & Latch Speed Control Valve
- Adjustable Backcheck Cushion Valve
- Adjustable Spring Tension (1601{BF})
- Sweep & Latch Speed Control Valve

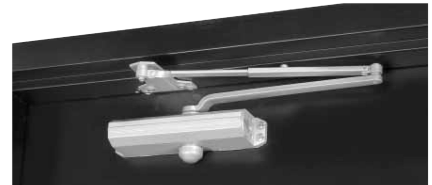
Applications



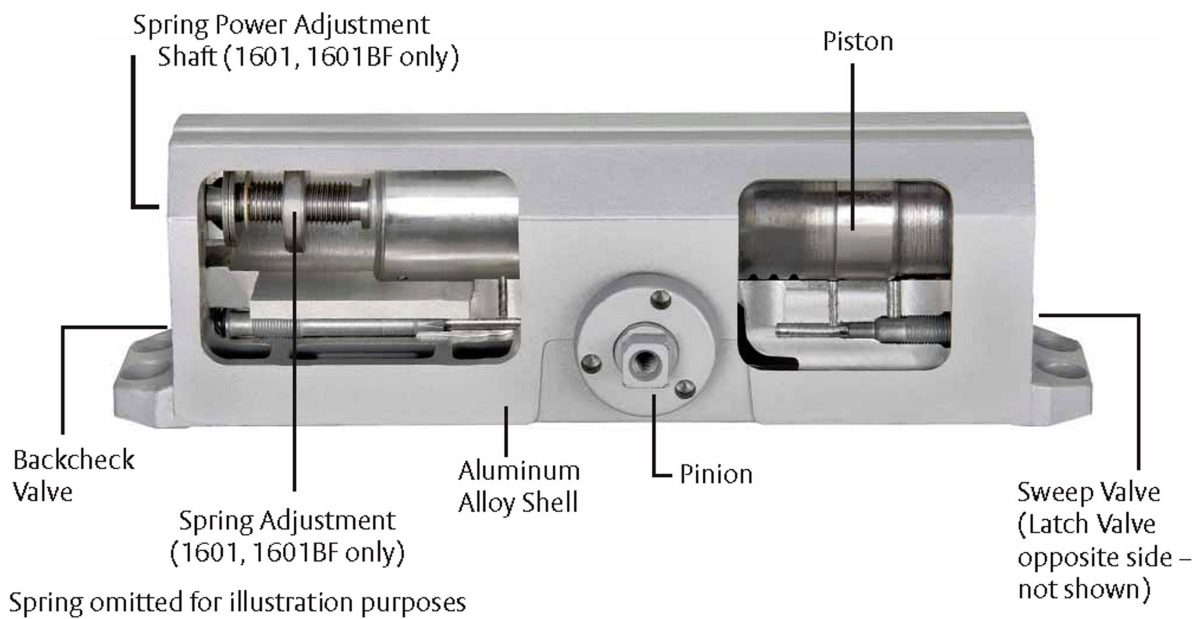
Regular Arm

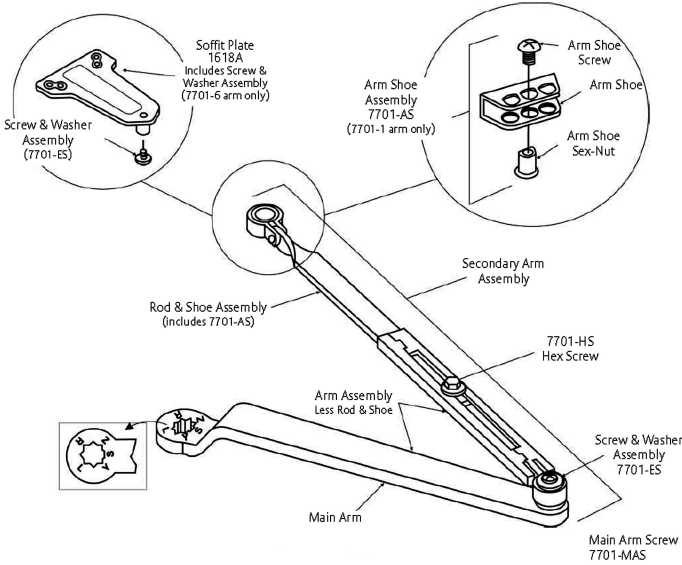


Top Jamb

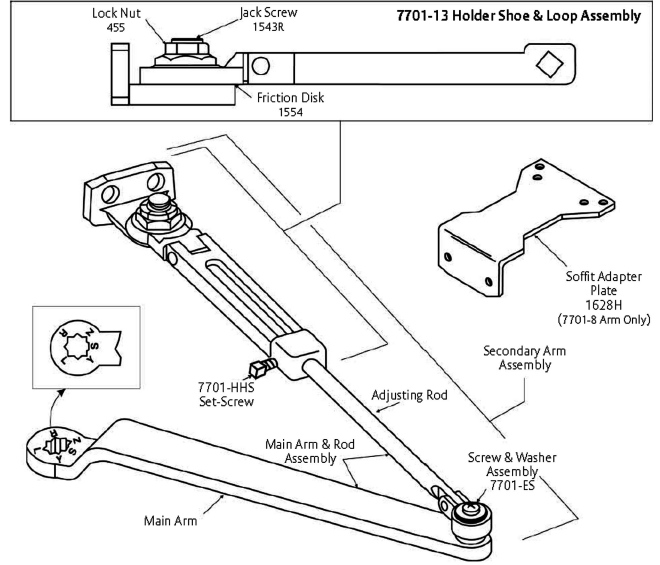


Parallel Mount

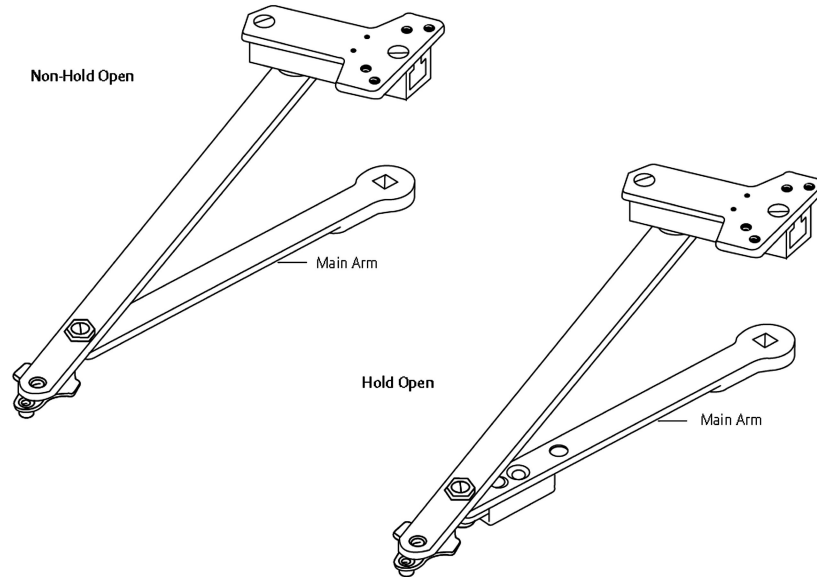




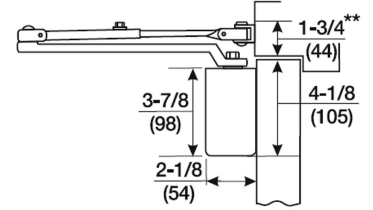
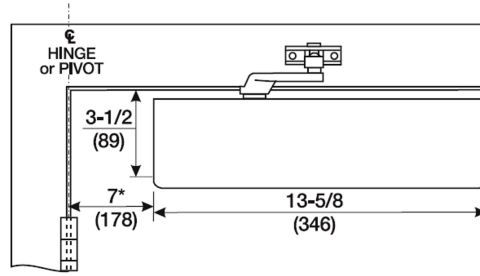
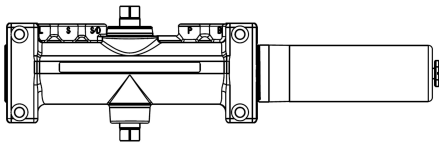
7701 Regular Arm Assembly



7701 Hold Open Arm Assembly



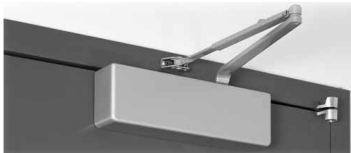
Unitrol Arm Assemblies



Features

- Aluminum Alloy Housing
- Non-Handed
- Sweep & Latch Speed Control Valve
- Adjustable Backcheck Position Valve
- Adjustable Backcheck Cushion Valve
- Adjustable Spring Tension (7500)
- Sweep & Latch Speed Control Valve

Applications



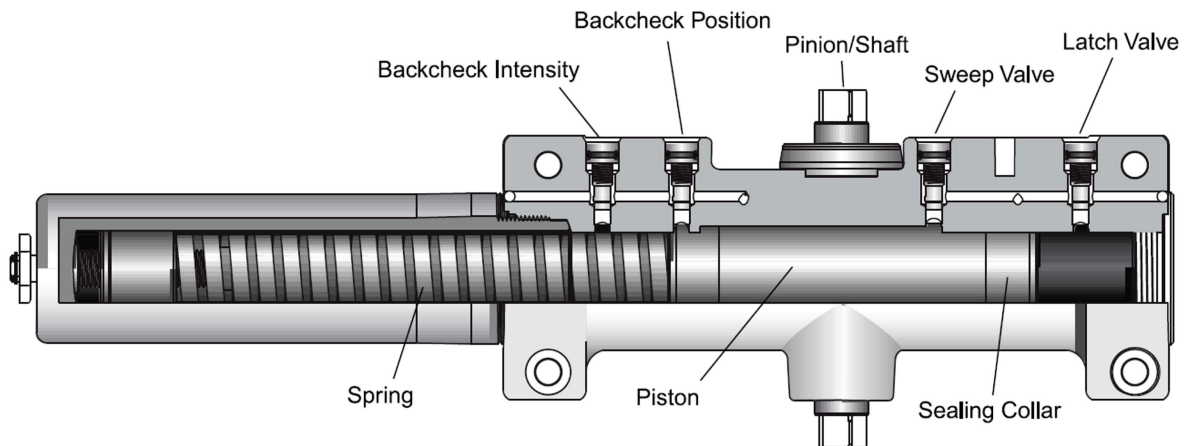
Regular Arm

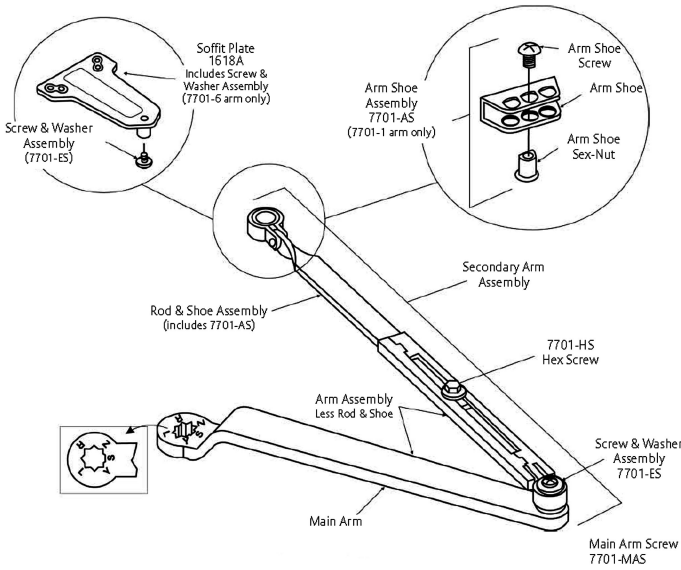


Top Jamb

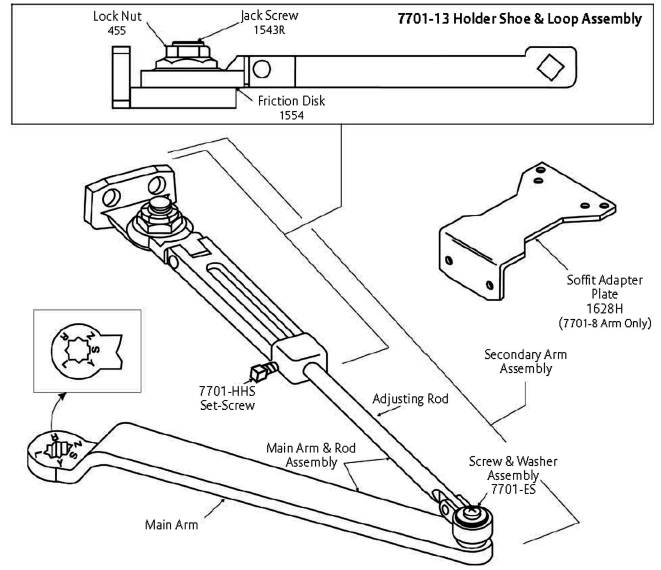


Parallel Mount

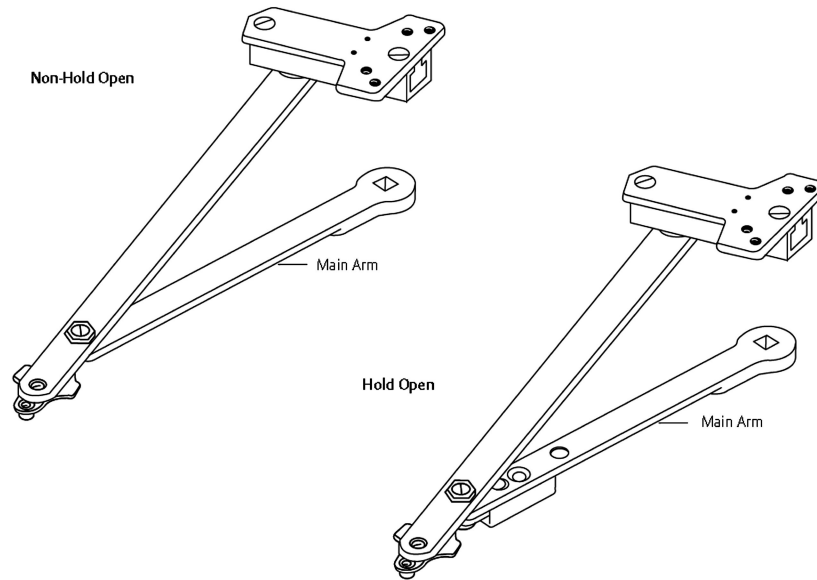




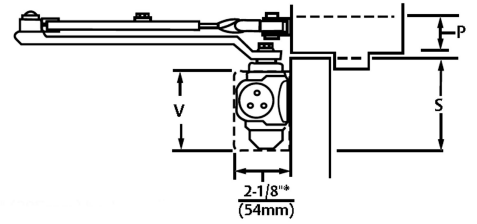
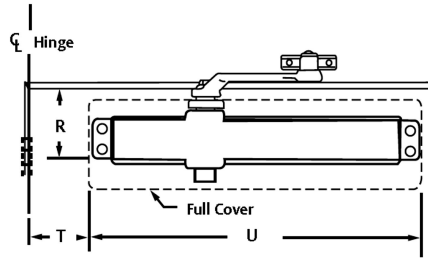
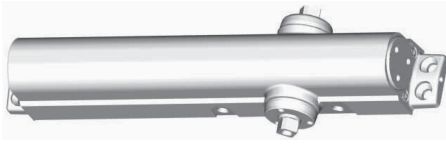
7701 Regular Arm Assembly



7701 Hold Open Arm Assembly



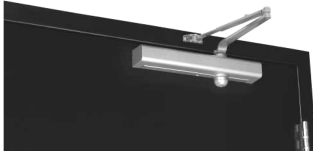
Unitrol Arm Assemblies



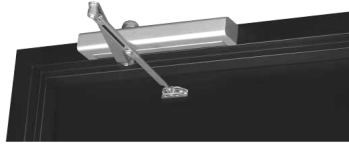
Features

- Aluminum Alloy Housing
- Non-Handed
- Sweep & Latch Speed Control Valve
- Adjustable Backcheck Valve
- Adjustable Spring Tension (8301/8501)
- Sweep & Latch Speed Control Valve

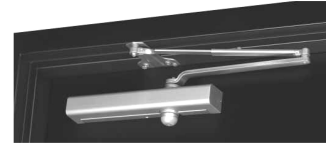
Applications



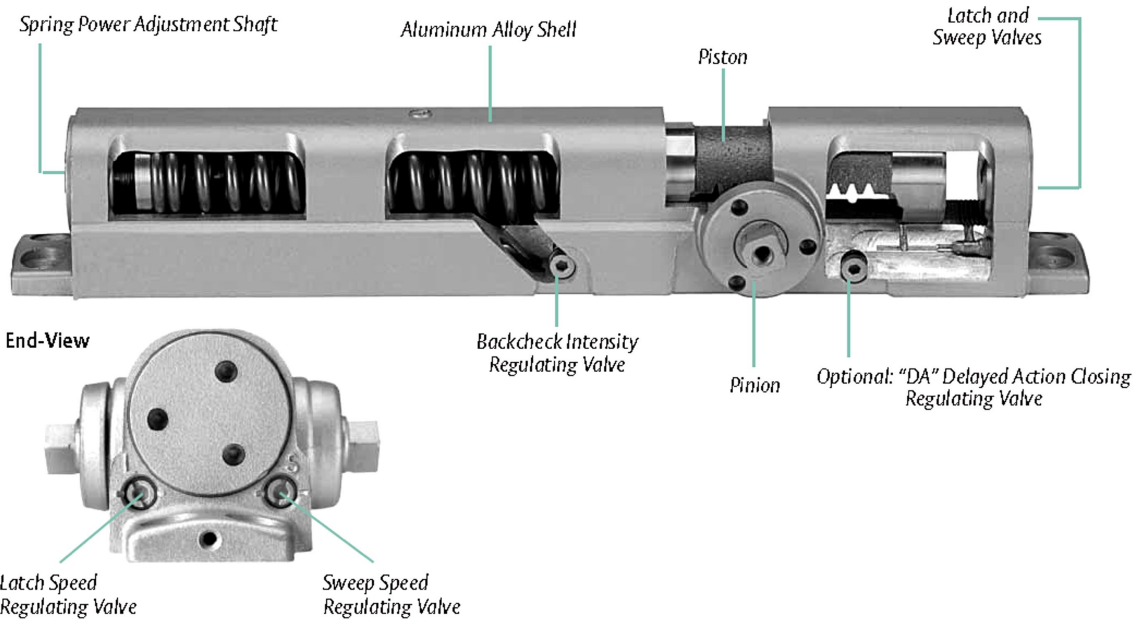
Regular Arm

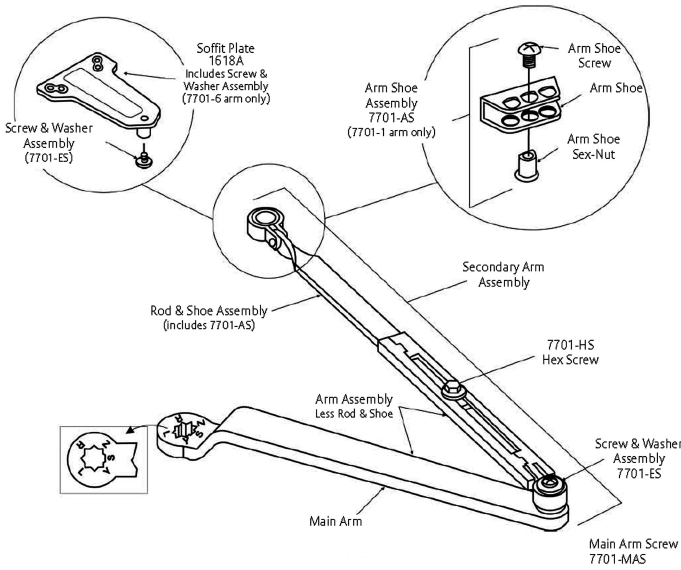


Top Jamb

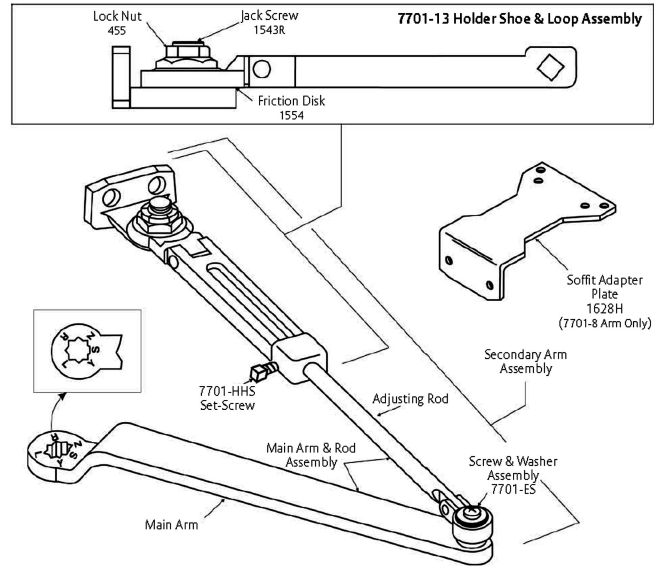


Parallel Mount

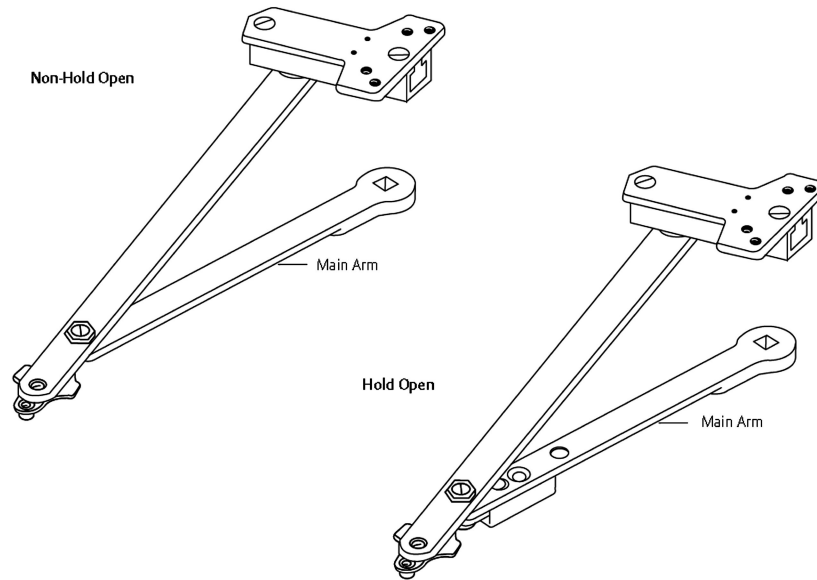




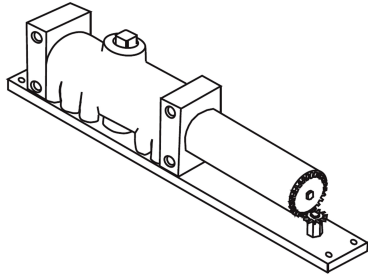
7701 Regular Arm Assembly



7701 Hold Open Arm Assembly

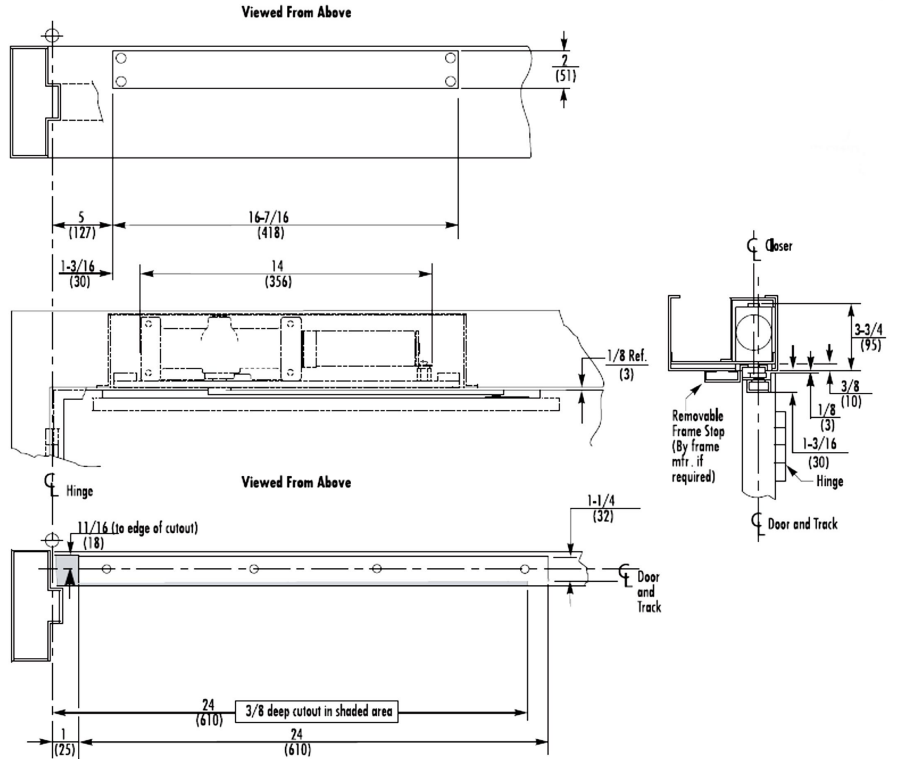


Unitrol Arm Assemblies

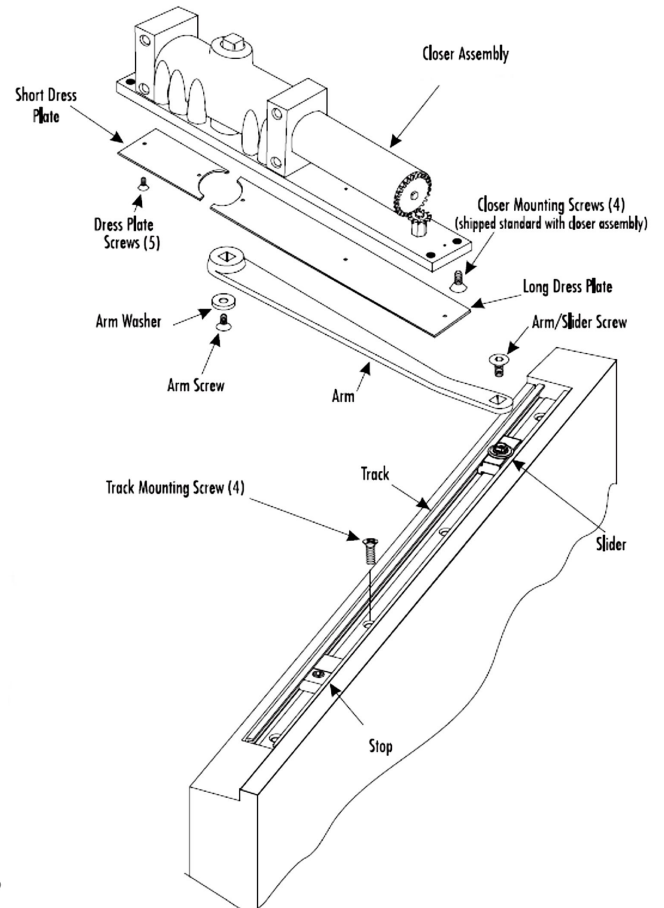


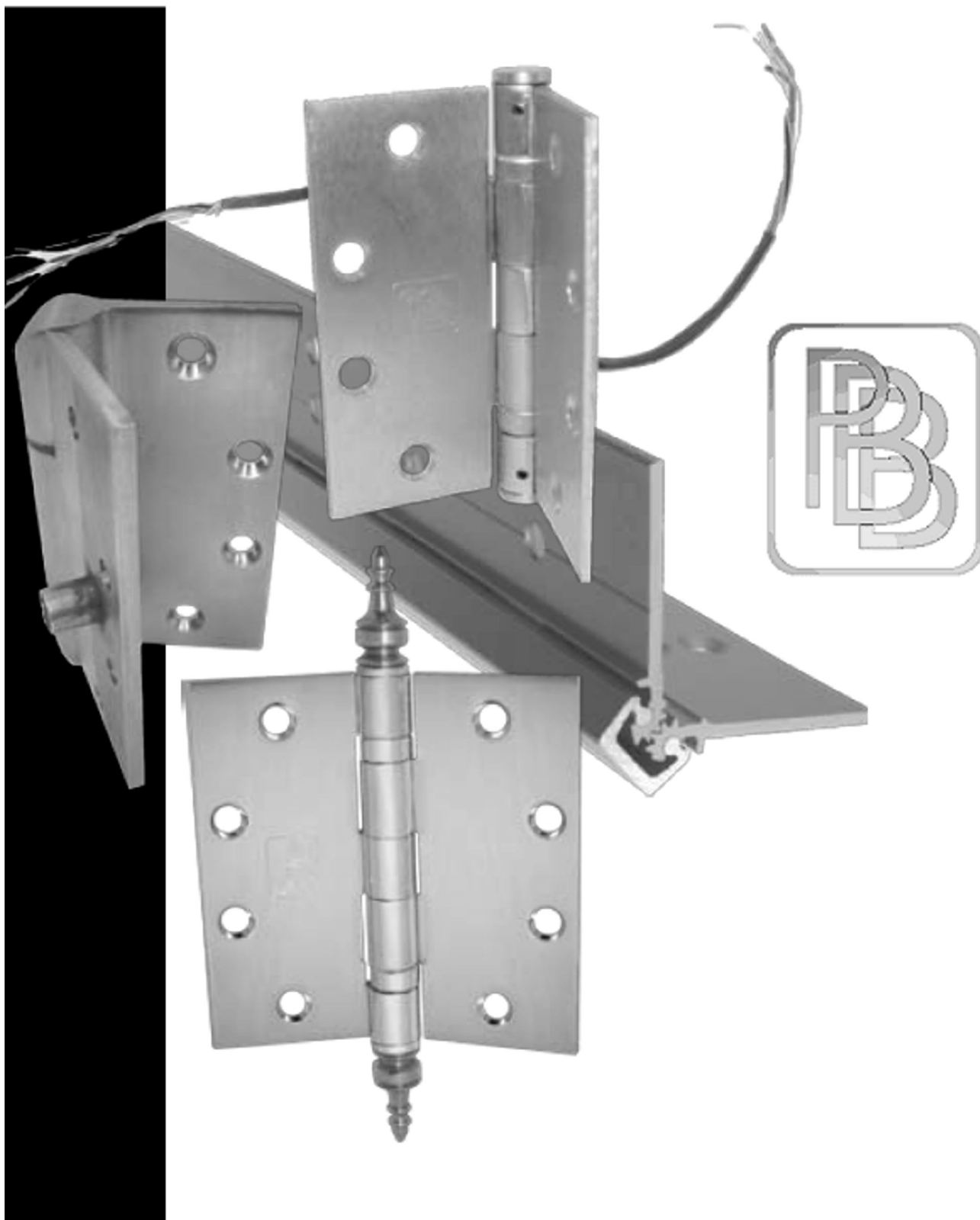
Features

- Concealed Transom Mounting
- Top Rail Mounted Slide Track
- Shock Absorbing Door Stop
- Adjustable Hold Open
- Aluminum Alloy Shell
- Adjustable Spring Tension
- Adjustable Sweep, Latch, and Backcheck



Accessories





Call (800) 266-4950 Fax (800) 940-3667



Check us out online @ www.gsdinc.com

BALL BEARING HINGES



**Full Mortise
Standard Weight**
[4-1/2" x 4"] [4-1/2" x 4-1/2"]
[5" x 4"] [5" x 4-1/2"] [5" x 5"]

PB81

- Steel-Polished and Plated or Bonderized and Prime Coated for Painting.
- For use on medium weight doors or doors requiring low frequency service.
- Ball bearing hinges must be used on doors in conjunction with door closers and on all fire rated openings.
- For hospital type, add HT to suffix of part number.
- All hinges are ANSI template.

HINGE SWAGING: A standard swaging of our standard weight full mortise hinge when closed to parallel position provides a 1/16" clearance between leaves.

SPRING HINGES



**Full Mortise
Standard Weight**
[4" x 4"] [4-1/2" x 4"] [4-1/2" x 4-1/2"]

SP81

- Spring hinge door closer Model K8107 passed a 250,000 cycle UL test in accordance with Underwriters Laboratories for door closers, with or without integral smoke detectors.
- All hinges are ANSI template. 4" available in square and in 1/4" & 5/8" radius round corners.

HINGE SWAGING: A standard swaging of our standard weight full mortise hinge when closed to parallel position provides a 1/16" clearance between leaves.

Maximum Door Size

For labeled doors 3' x 7' the maximum door size is based on the limits set forth by NFPA Standard #80. Labeled doors require Ball Bearing hinges.

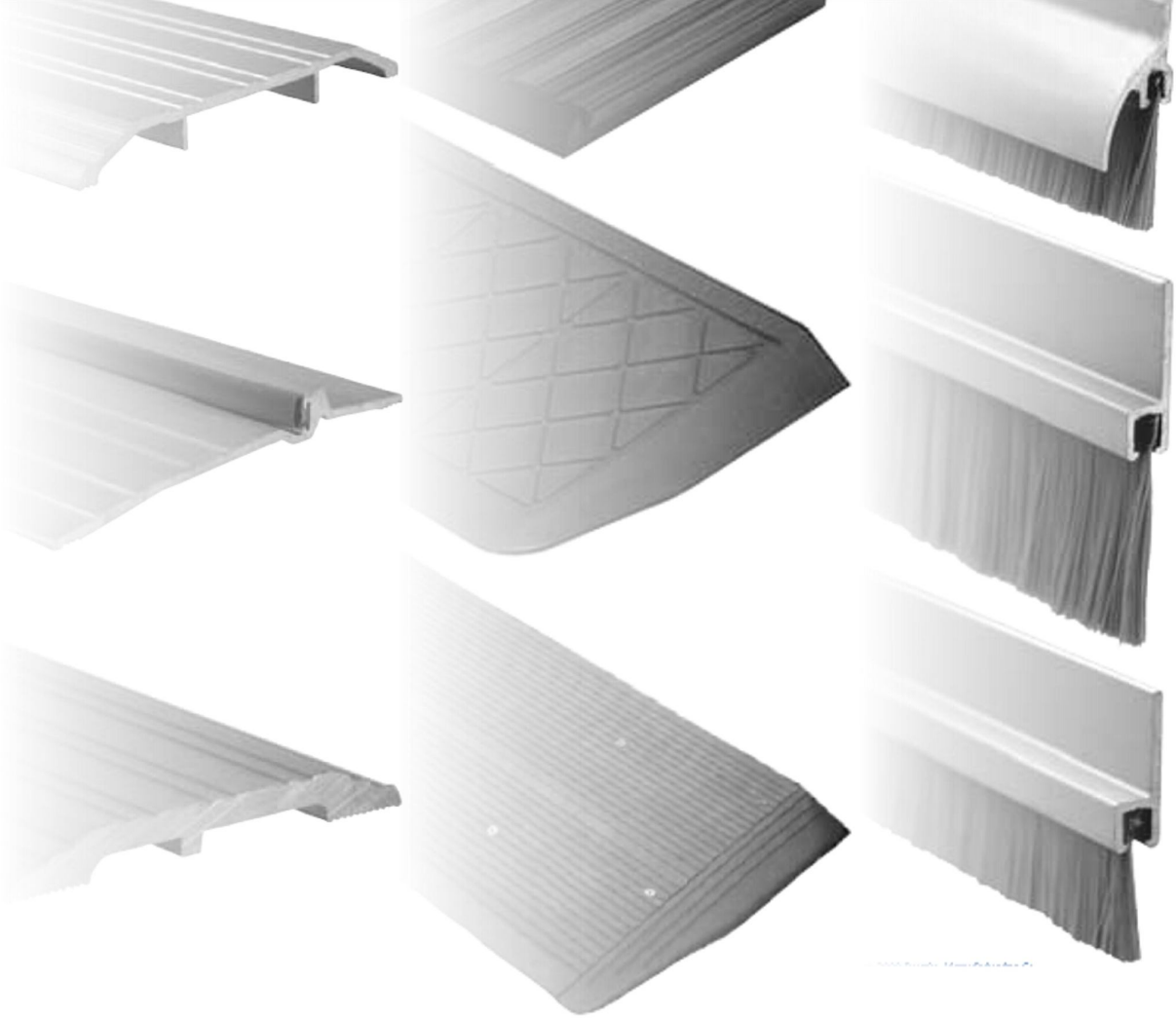
For non-labeled doors 4'0" wide 4" x 4" Spring hinges are not recommended. For non-labeled doors over 7'6" in height, use an additional hinge for each additional 30" of height or fraction thereof.

SERIES	SIZE	RECOMMENDED MAX DOOR WEIGHT (LBS.)	SPRING HINGE	BUTT HINGE
FOR USE ON 1 3/4" DOOR				
SP81	4 1/2"x4" 4 1/2"x4 1/2"	70	1	2
		100	2	1
		150	3	-

NOTES:

1. For complete warranty protection use all spring hinges or a combination of spring hinges and ball bearing hinges. Do not use plain bearing hinges as this voids all factory warranties.
2. Use of gasket for smoke or sound protection, wind condition or unbalanced air pressure may prevent door from latching. Additional closing power would be required.



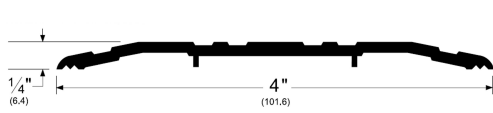


Call (800) 266-4950 **Fax** (800) 940-3667

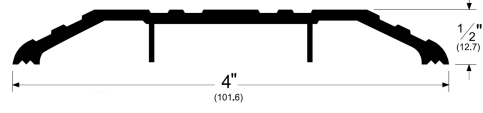


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SADDLE THRESHOLDS



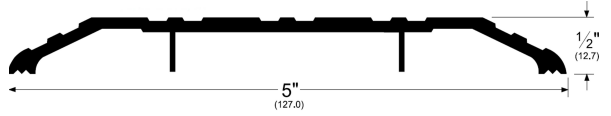
270



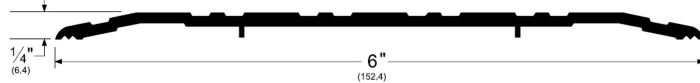
170



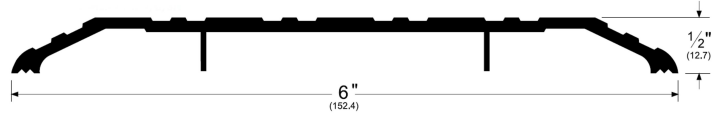
271



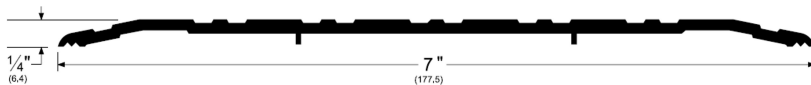
171



272



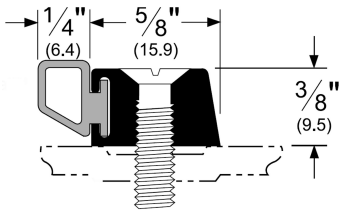
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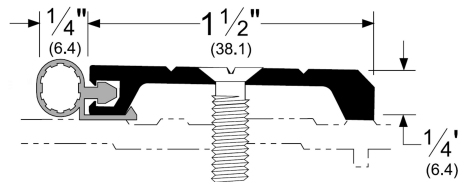
276

THRESHOLD STOP STRIPS

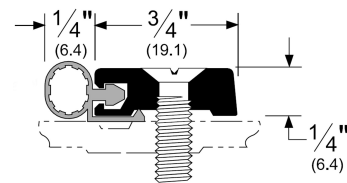
- Use with standard flat top threshold saddle to provide a door stop and seal at bottom of door.
- Stop strips are supplied predrilled, with #10-24 phillips, flat head machine screws of appropriate length.
- These stops will effect the pivot hole location of an assembly.



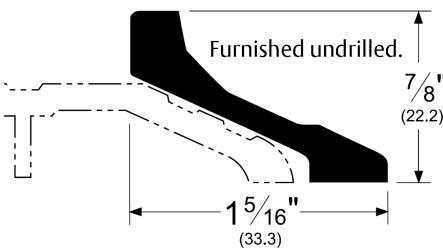
184



290



1842



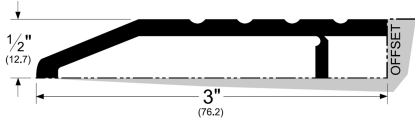
284

ALTERNATE INSERTS FOR THRESHOLD STOP STRIPS

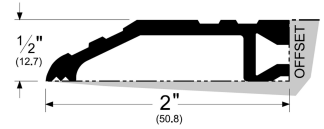
1842_PK
290_PKSTOP

PemkoPrene™ (PK)

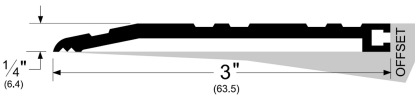
184_P **pile (P)**



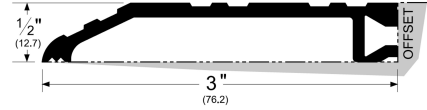
168



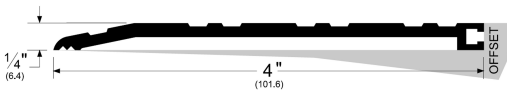
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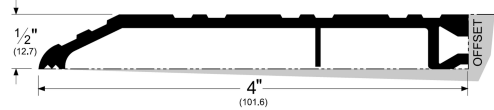
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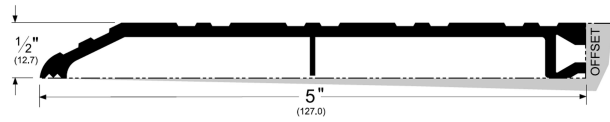
253



274

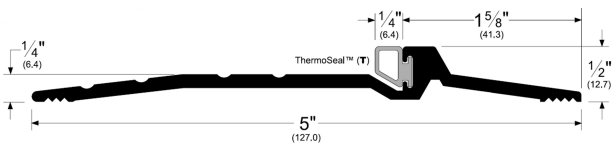


254

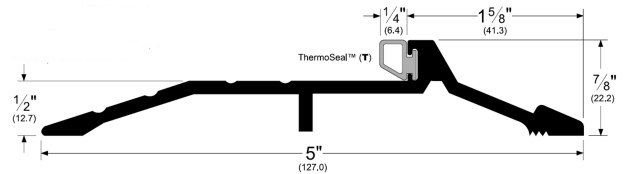


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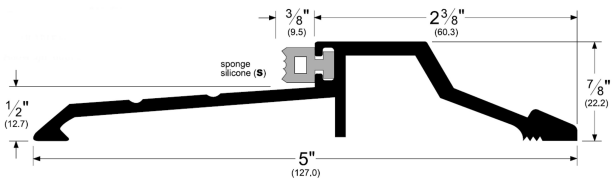
PANIC THRESHOLDS



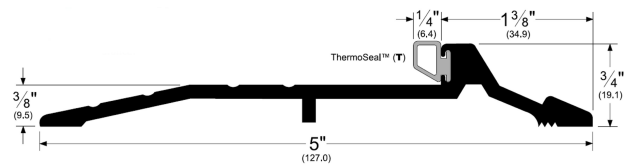
2005



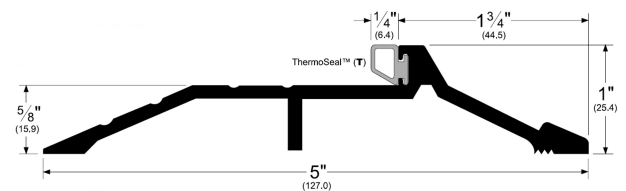
177



277



179



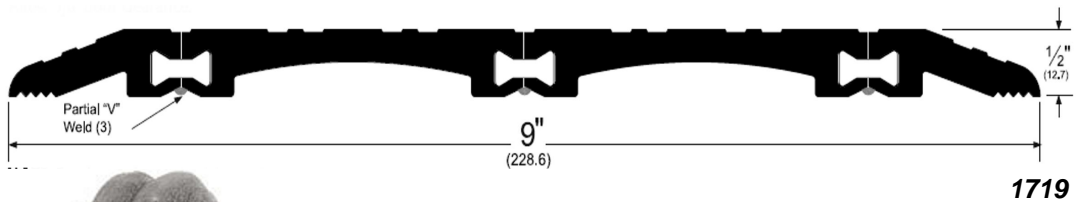
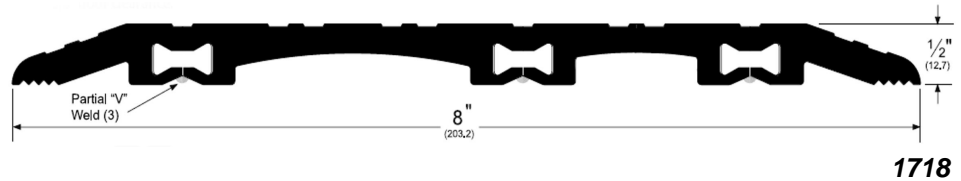
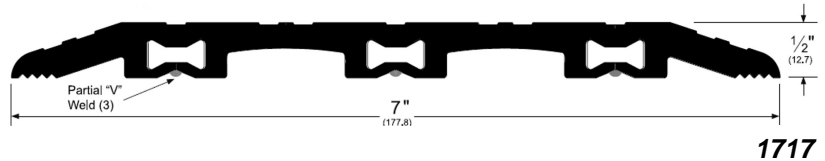
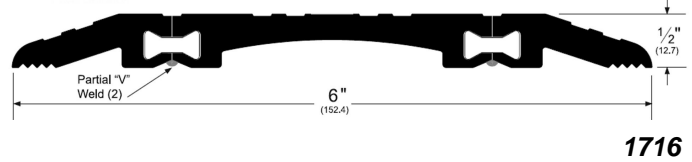
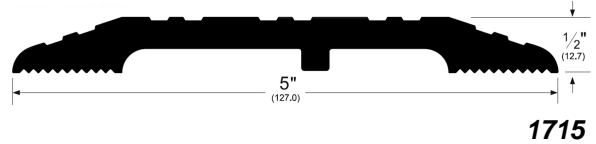
181



HEAVY DUTY THRESHOLDS

PEMKO

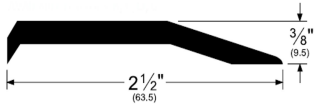
- Ideal for heavy-duty, high-traffic and high weight-bearing applications, such as industrial facilities, schools, cafeterias, manufacturing buildings and hospitals.
- Withstands coastal and high-humidity conditions.
- Modular construction allows threshold to fit openings up to 15" wide without the expense of custom cast thresholds. There is no restriction on width additions (in 1" increments).
- Allow 5/8" door clearance.



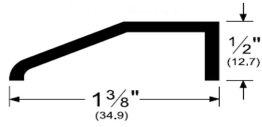
**BIG friends
need
BIG doors**



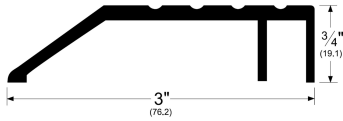
**PEMKO
Heavy Duty Thresholds**



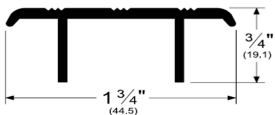
174



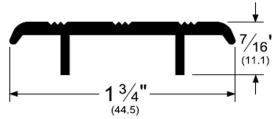
1951



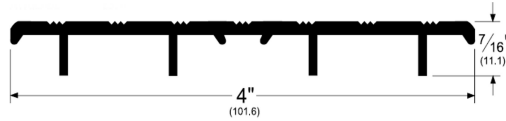
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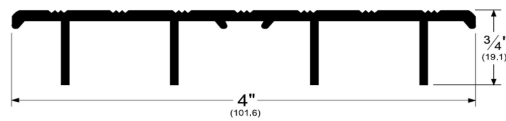
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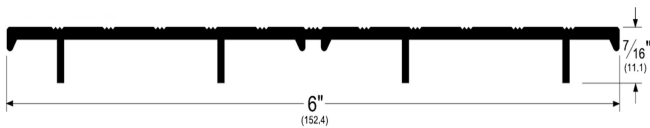
236



2364

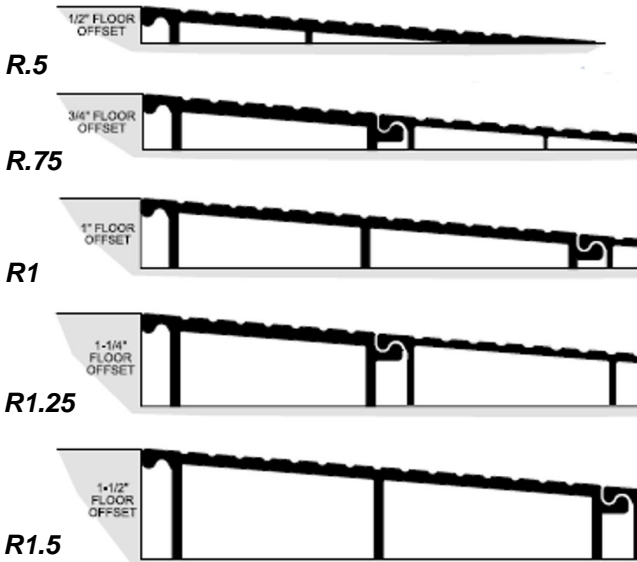


2464



2366

RAMPS

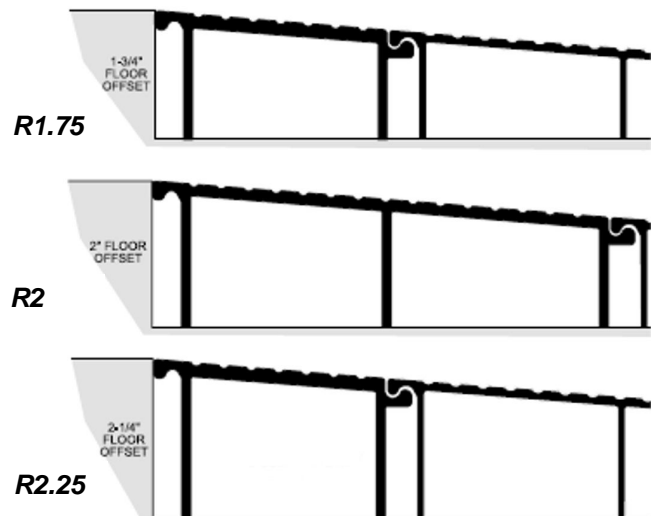


Assembly Examples

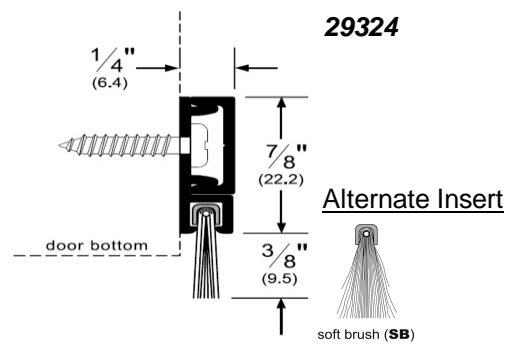
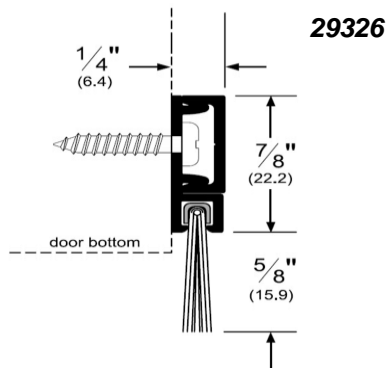
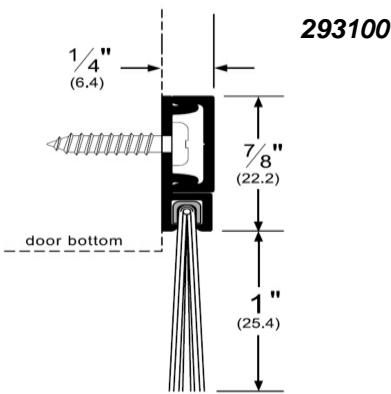
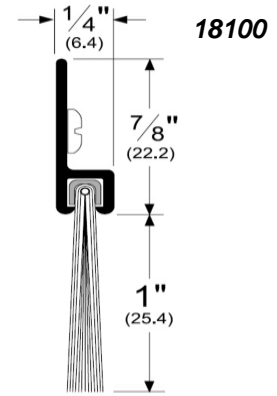
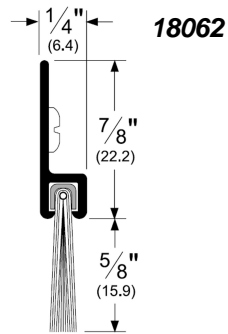
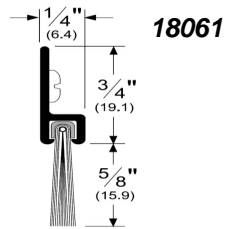
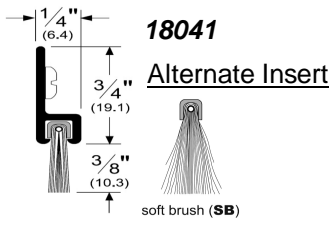
"Flush" Application

"Offset (with 7" top plate)" Application

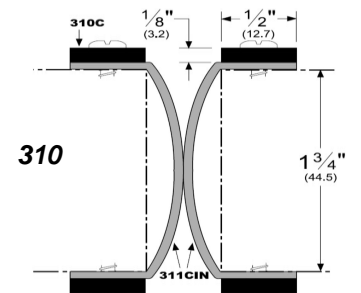
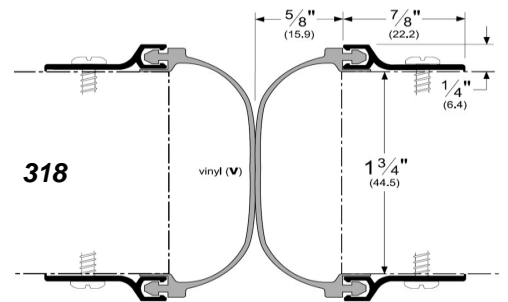
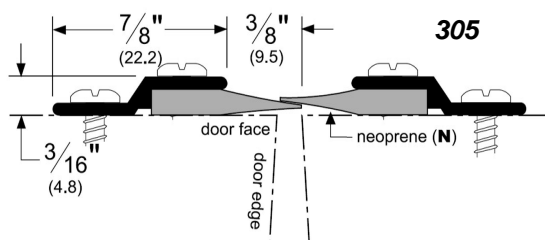
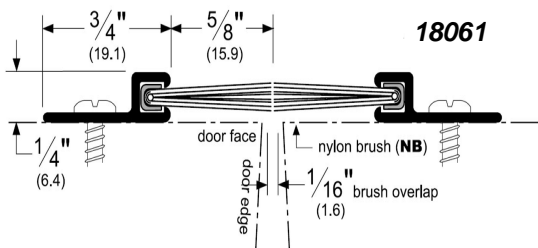
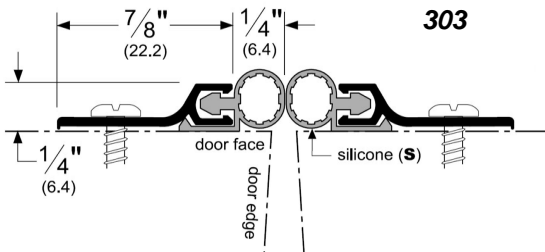
"Offset (with 3-1/2" top plate)" Application

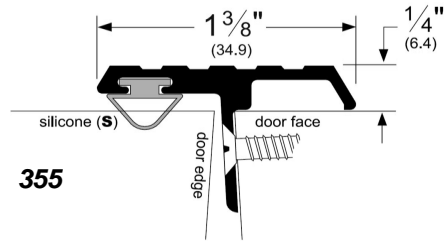


SWEEPS



SPLIT ASTRAGALS





355

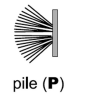
Alternate Inserts



PemkoPrene™ (PK)

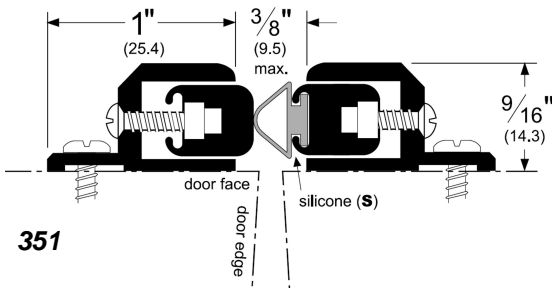


vinyl (V)

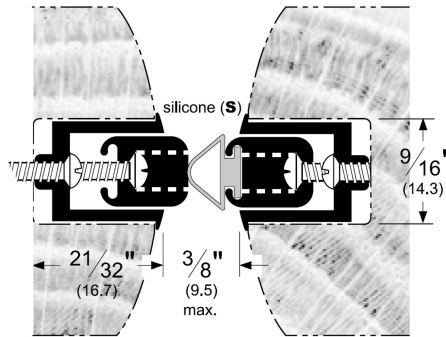


pile (P)

ADJUSTABLE ASTRAGALS



351



354

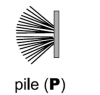
Alternate Inserts



PemkoPrene™ (PK)

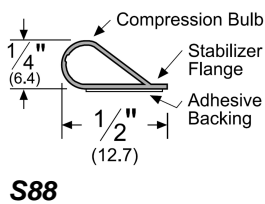


vinyl (V)

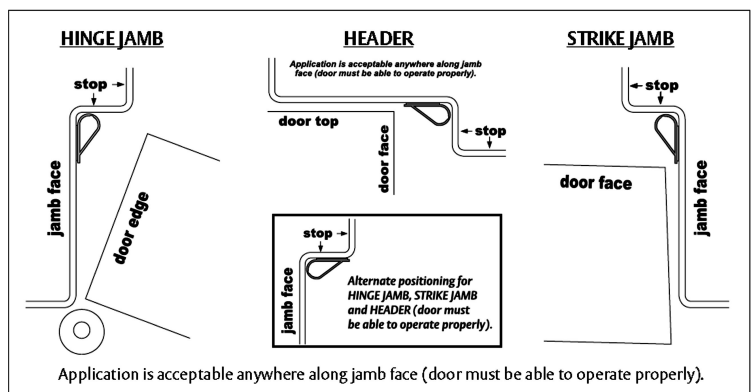


pile (P)

JAMB WEATHERSTRIP



S88



25 YEARS



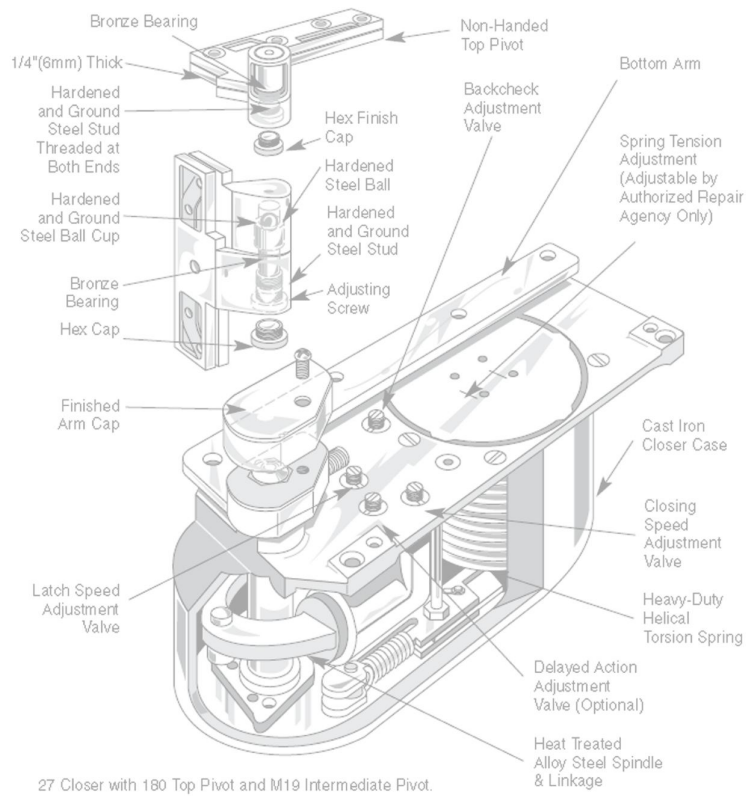
Gulf States
DOOR CONTROL 
SINCE 1983

1983

Chicago motorists begin in December to talk in their cars on cellular telephones available at \$3,000 plus \$150 per month for service

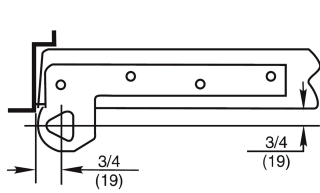


RIXSON®

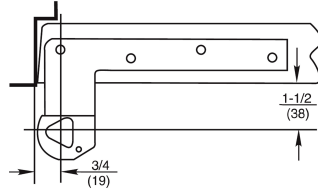


FLOOR CLOSERS

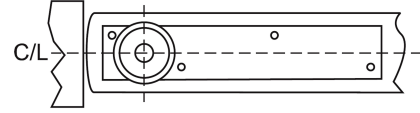
Offset vs. Center Hung Application



3/4" Offset
Pivot point located 3/4" from the heel edge of the door and 3/4" from face of door.



1-1/2" Offset
Pivot point located 3/4" from the heel edge of the door and 1-1/2" from face of door.



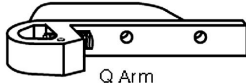
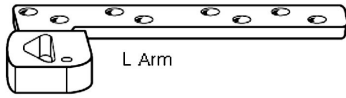
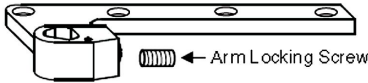
Center Hung
Pivot point centered in thickness of door. (Not for use on fire doors.)

Product Identification

Offset Floor Closers
Model #'s 20, 25, 27, 51



Triangular spindle shape



Model #'s 65, 66, 67, 68



Tapered spindle shape



Heavy Duty Floor Closers
Model #'s H28 & H40



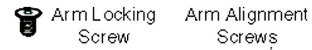
Square spindle shape



Center Hung Floor Closers
Model #'s 8, 9, 10, 12, 15
21, 26, 28, 30, 40, 50



Tapered spindle shape



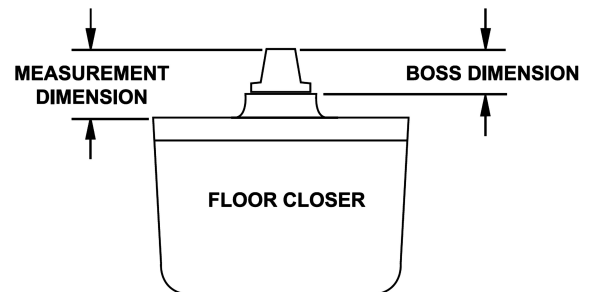
Older Model
Offset Floor Closers
Model 20 & 25

Closer body arm & arm cap must be replaced

Spindle Heights

MODEL	BOSS	CLOSER
UNI	1"	1-3/8"
DUO	1-1/8"	1-1/4"
20	1-1/8"	1-3/4"
21	7/8"	1-3/8"
25	1-1/4"	1-3/4"
L25	1-3/4"	2-1/4"
Q25	2"	2-1/4"
26	3/4"	1-3/8"
H26	2-1/8"	2-9/16"
27	1-1/8"	1-3/4"
127	3/4"	1-3/8"
327	1/4"	7/16"

MODEL	BOSS	CLOSER
HD27	1-3/16"	1-11/16"
L27	1-5/8"	2-1/4"
Q27	1-7/8"	2-1/2"
28	3/4"	1-3/8"
H28	2-1/8"	2-5/8"
30	1"	1-5/8"
40	7/8"	1-1/2"
H40	2-1/4"	2-3/4"
50	1-3/8"	1-5/8"
51	1-3/4"	2"
53	3/8"	11/16"

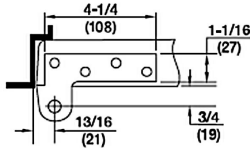


Application

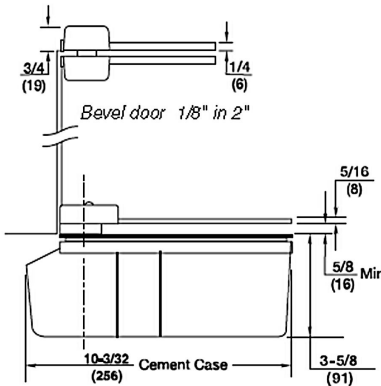
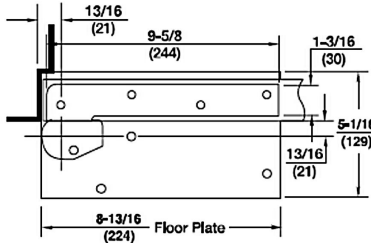
- Single Acting, Handed
- 3/4" offset
- Interior Doors
- Weight to 200 lbs.
- Door Width up to 3'0"

Product Description & Features

- Allows 180° door swing (trim permitting)
- Adjustable closing speed
- Built-in hydraulic backcheck cushions opening from 140° to 180°
- Available non hold-open (NHO only)
- Models available to meet ANSI A117.1 opening force requirements. Prefix "PH"
- Delayed action not available
- Cast iron cement case
- Vertical door adjustment
- Standard top pivot: #180 included
- Intermediate pivot required: M19 (order separately),
- Doors up to 90"(2286mm) in height should use one intermediate pivot. Each additional 30"(762mm) warrants another intermediate pivot



Frame stop required

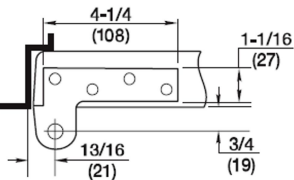


Application

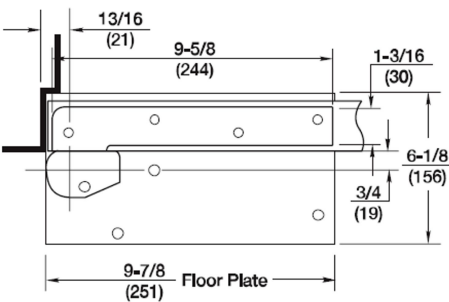
- Single Acting, Handed
- 3/4" offset
- Exterior or Interior Doors
- Weight to 350 lbs.*
- Door Width up to 4'0"

Product Description & Features

- Allows 180° door swing (trim permitting)
- Adjustable closing speed
- Built-in hydraulic backcheck cushions opening from 140° to 180°
- Available non hold-open (NHO) or 180° automatic hold-open (AHO)
- Models available to meet ANSI A117.1 opening force requirements. Prefix "PH"
- Delayed action not available
- Cold weather fluid available-specify "CWF"
- Sealed closer available-specify "SC"
- Available with floor plate or threshold installation (floor plate shown)
- Available 1-1/2" offset
- Cylolac cement case
- Vertical door adjustment
- Standard top pivot: #180 included
- Intermediate pivot required: M19 (order separately),
- Doors up to 90"(2286mm) in height should use one intermediate pivot. Each additional 30"(762mm)



Frame stop required



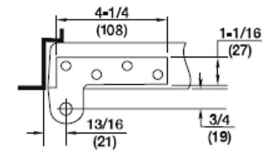
MODEL 27 (OFFSET)

**Application**

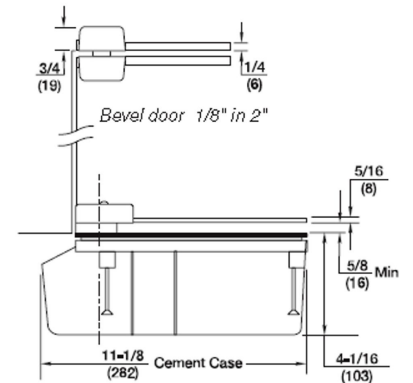
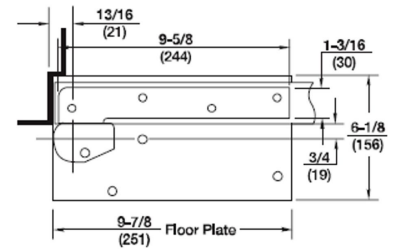
- Single Acting, Handed
- 3/4" offset
- Exterior or Interior Doors
- Weight to 450 lbs.*
- Door Width up to 4'0"(1219mm)

Product Description & Features

- Built-in positive dead stop prevents door from swinging beyond the desired opening degree (specify 85, 90, 95 or 105°)
- Separate and independent valves for closing speed, latch speed and backcheck
- Delayed action available-prefix "DA"
- Available non hold-open (NHO), automatic hold open (AHO) or selective hold open (SHO) at same degree as dead stop
- Models available to meet ANSI A117.1 opening force requirements. Prefix "PH"
- Cold weather fluid available-specify "CWF" (not available for closers with "DA")
- Sealed closer available-specify "SC"
- Available with floor plate or threshold installation (floor plate shown)
- Available 1-1/2" offset
- Cylolac cement case
- Vertical door adjustment
- Standard top pivot: #180 included Intermediate pivot required: M19 (order separately)
- Doors up to 90"(2286mm) in height should use one intermediate pivot. Each additional 30"(762mm) warrants another intermediate pivot (order separately)



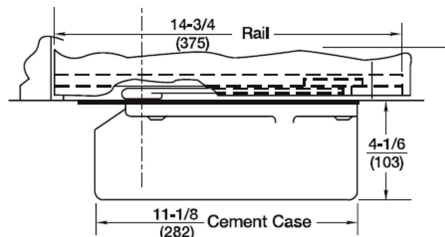
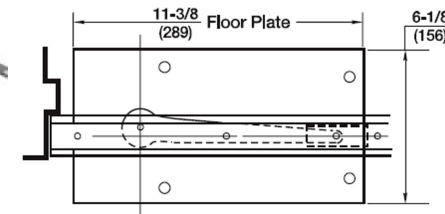
Frame stop required



MODEL 327 (OFFSET)

**Application**

- Single Acting, Handed
- Independently Hung
- Interior Doors
- Door Width up to 4'0"(1219mm)

**Product Description & Features**

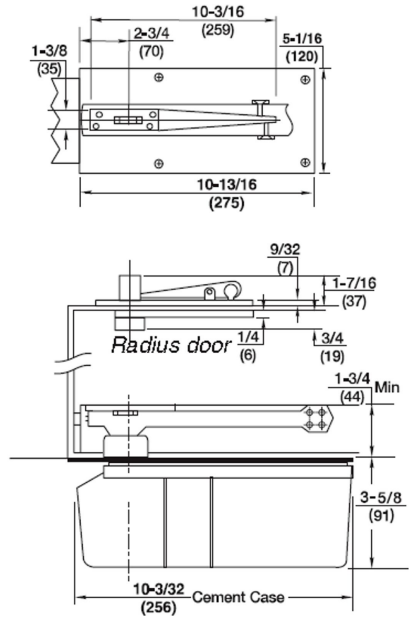
- Used as a concealed floor closer for independently hung doors - butt hinges or pocket pivots
- Door hanging means (by others) determines maximum door weight
- 90° maximum door swing
- Auxiliary stop recommended
- Includes closer, mortised door rail and slide track type bottom arm
- Separate and independent valves for closing speed, latch speed and backcheck
- Cold weather fluid available, specify "CWF"
- Not available in "PH", "DA", or "HO"
- Extended spindle available in 1/2" increments up to 2"
- Extended spindle required for threshold applications
- Cylolac cement case

Application

- Single Acting, Handed
- Interior Doors
- Weight to 200 lbs.
- Sizes up to 3'0"x7'0"

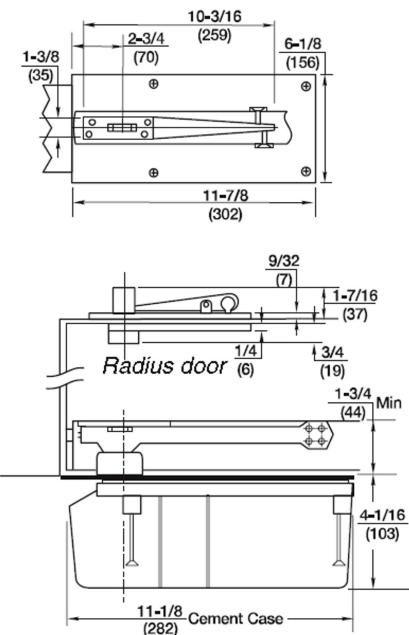
Product Description & Features

- Allows 180° door swing (trim permitting)
- Adjustable closing speed
- Built-in hydraulic backcheck cushions opening from 140° to 180°
- Available non hold-open only
- Models available to meet ANSI A117.1 opening force requirements. Prefix "PH"
- Delayed action not available
- Cast iron cement case
- Arm centering adjustment
- Arm reinforcement bracket for wood doors - prefix "W"
- Standard top pivot: #340 included
- Not allowed for fire rated doors
- Available with floor plate or threshold installation (floor plate shown)
- Applied stop required



Product Description & Features

- Allows 180° door swing (trim permitting)
- Adjustable closing speed
- Built-in hydraulic backcheck cushions opening from 140° to 180°
- Available non hold-open only
- Models available to meet ANSI A117.1 opening force requirements. Prefix "PH"
- Delayed action not available
- Cyclocac cement case
- Arm centering adjustment
- Arm reinforcement bracket for wood doors - prefix "W"
- Standard top pivot: #340 included
- Cold weather fluid available-specify "CWF"
- Sealed closer available-specify "SC"
- Available with floor plate or threshold installation (floor plate shown)
- Not allowed for fire rated doors
- Applied stop required



Application

- Single Acting, Handed
- Exterior or Interior Doors
- Weight to 350 lbs.
- Sizes up to 4'0"x8'6"* (1219x2591mm)

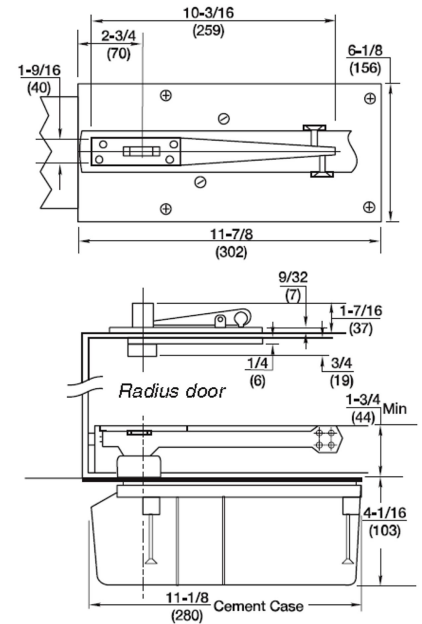


MODEL 28 (CENTER HUNG)



Application

- Single Acting, Handed
- Exterior or Interior Doors
- Weight to 350 lbs.
- Sizes up to 4'0"x8'6"* (1219x2591mm)
- Built-in positive dead stop prevents door from swinging beyond the desired opening degree (specify 85, 90, 95 or 105°)
- Separate and independent valves for closing speed, latch speed and backcheck
- Delayed action available-prefix "DA"
- Available non hold-open (NHO), automatic hold open (AHO) or selective hold open (SHO) at same degree as dead stop
- Models available to meet ANSI A117.1 opening force requirements. Prefix "PH"
- Cold weather fluid available-specify "CWF" (not available for closers with "DA")
- Sealed closer available-specify "SC"
- Available with floor plate or threshold installation (floor plate shown)
- Cicolac cement case
- Arm centering adjustment
- Arm reinforcement bracket for wood doors - prefix "W"
- Standard top pivot: #340 included
- Not allowed for fire rated doors
- Applied stop required



MODEL 30/40 (CENTER HUNG)



Application

30

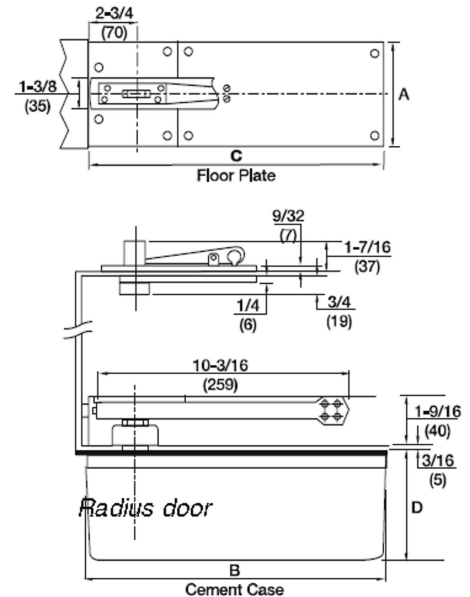
- Double Acting, Non-handed
- Interior Doors
- Weight to 200 lbs.
- Sizes up to 4'0"x8'6" (1219x2591mm)

40

- Double Acting, Non-handed
- Interior Doors
- Weight to 300 lbs.
- Sizes up to 4'0"x8'6" (1219x2591mm)

Product Description & Features

- Adjustable closing speed valves for each direction of door swing
- Available non hold-open (NHO) or automatic hold open (AHO) at 90° (requires 95° swing)
- Maximum door opening 103°
- Overhead stop recommended for exterior or high traffic doors
- Models available to meet ANSI A117.1 opening force requirements. Prefix "PH"
- Cold weather fluid available-specify "CWF"
- Available with floor plate or threshold installation (floor plate shown)
- Steel cement case
- Arm centering adjustment
- Arm reinforcement bracket for wood doors—prefix "W"
- Standard top pivot: #340 included
- Not allowed for fire rated doors



Closer Number	Dimensions			
	A	B	C	D
30	5-1/2 (140)	14-9/16 (370)	15-1/8 (384)	3-5/8 (92)
40	6-1/8 (156)	17 (432)	17-1/4 (438)	4-1/16 (103)

Application

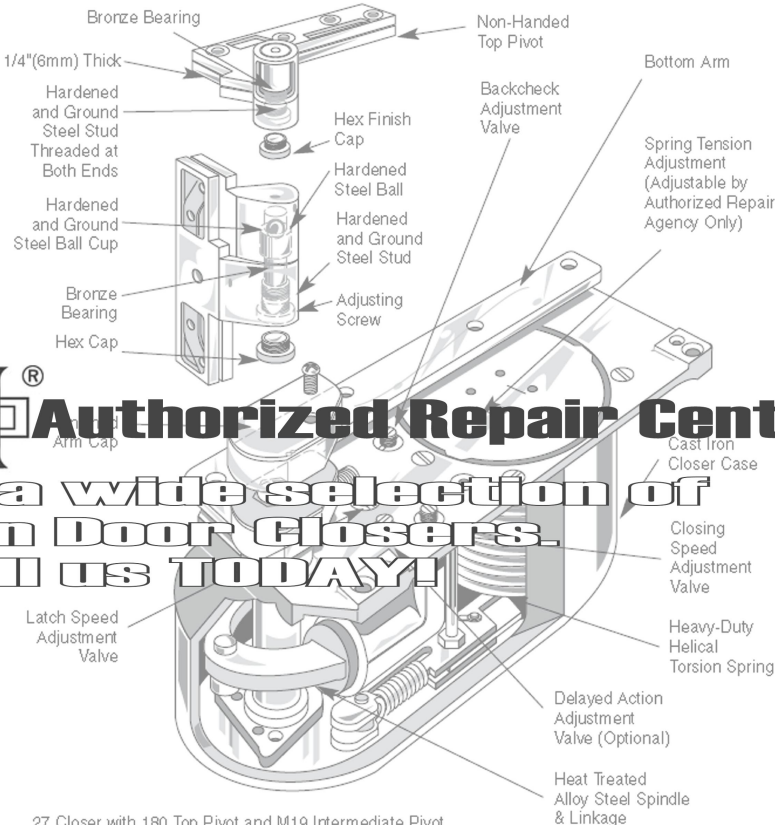
This kit can be supplied for all floor closers. It comes with a spindle locator plate for offset and center hung installations, two spotter straps with mounting screws and built-in level.



Metal straps are attached to the cement case, and locator indicates proper placement of spindle. The level ensures accurate installation.

When ordering specify the closer to be installed.

May be used on Models 25, 26, 27, 28, 30, 40.



27 Closer with 180 Top Pivot and M19 Intermediate Pivot.

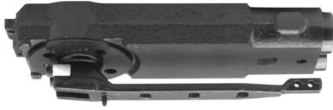
RIXSON® Authorized Repair Center
GSDC has a wide selection of Rixson Door Closers.
Call us TODAY!



OVERHEAD CONCEALED

Overhead concealed closers are an aesthetically appealing way to close medium-traffic doors. Center-hung Rixson® overhead concealed closers use the spindle as the pivot point, giving the most efficient way to control doors. Offset models allow the use of continuous, standard butts or intermediate and bottom pivots to hang doors. Heavy and high-traffic doors should always use floor closers, but when doors are of average size and usage, the following closers are viable options to surface closers.

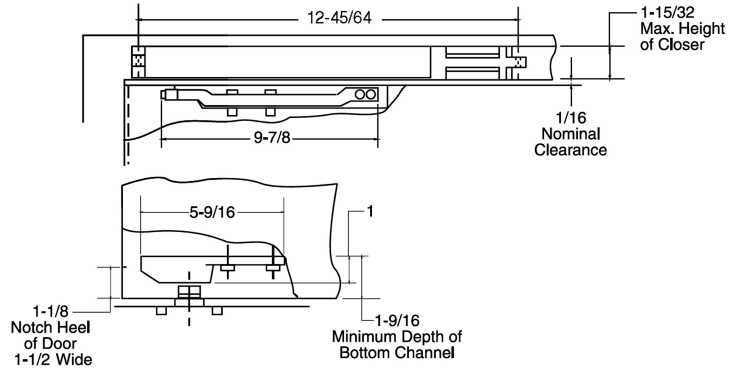
MODEL 607/608 (CENTER HUNG)

**Application**

- Single or Double Acting, Non-handed
- Exterior or Interior Doors
- Low to Medium Usage
- Weight to 200 lbs.
- Exterior Door Size 3'6" x 8'0" (1067 x 2438mm)
- Interior Door Size 3'8" x 8'0" (1118 x 2438mm)

Product Description & Features

- Available in non-hold open (door swings to 130° each direction).
- Available in hold open models—specify 90° or 105°
- Model 607 is for 5# opening force at 30". Do not use on exterior doors or doors over 36" wide.
- Product should always be used with auxiliary stop
- 1-3/4 Doors only
- Adjustable closing and latch speeds.
- Not available with cold weather fluid or delayed action
- On single acting center hung application frame stop is required (see part number 60131 on page 34) order separately.
- 1/2" longer than standards spindle is available and must be ordered as part of the closer, it cannot be added later.



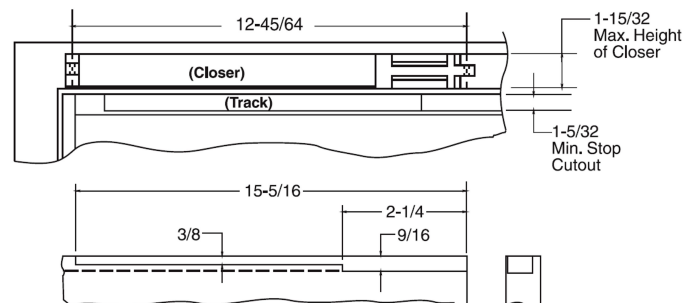
MODEL 0607/0608 (OFFSET)

**Application**

- Single Acting, Non-handed
- Exterior or Interior Doors
- Low to Medium Usage
- Weight to 200 lbs.
- Door Size 3'8" x 8'0" (1118 x 2438mm)

Product Description & Features

- Same as 607, except...
- On offset hung application, frame STOP is required.
- Hanging means by others. Recommended products are 2 each M190 side jamb pivots and a 117 bottom pivot.

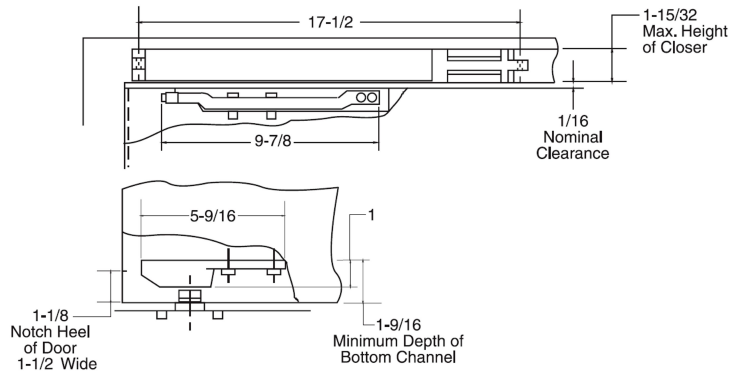
Technical Information

Application

- Single Acting, Handed
- Exterior or Interior Doors
- Low to Medium Usage
- Weight to 200 lbs.

Product Description & Features

- 700 - Aluminum door/frame
- M700 - Metal door/frame
- W700 - Wood door/frame
- MW700 - Wood door/metal frame
- Available non hold-open (N) or hold open (A). specify degree (90° or 105°, A or N)
- Closer package includes bottom pivot
- 1-3/4" doors
- Always use auxiliary stop
- 1/2" extended spindle available – specify when ordering
- Adjustable closing speed
- Adjustable hydraulic backcheck
- Not available CWF or DA
- For ADA compliance use Model 706 for interior 36" doors
- Applied stop required
- Metal frames require 192 mounting channel which must be welded into frame prior to shipment. Included with closer. Wood frames require 198 mounting plate. Included with closer.
- Cover plate only shipped with M/MWW models.



Spring Sizes	
Specify size when ordering	
706 - Exterior	2'6" x 8'0" (762 x 2438mm)
Interior	3'0" x 8'0" (914 x 2438mm)
707 - Exterior	3'0" x 8'0" (914 x 2438mm)
Interior	3'3" x 8'0" (991 x 2438mm)
708 - Exterior	3'6" x 8'0" (1067 x 2438mm)
Interior	3'8" x 8'0" (1118 x 2438mm)

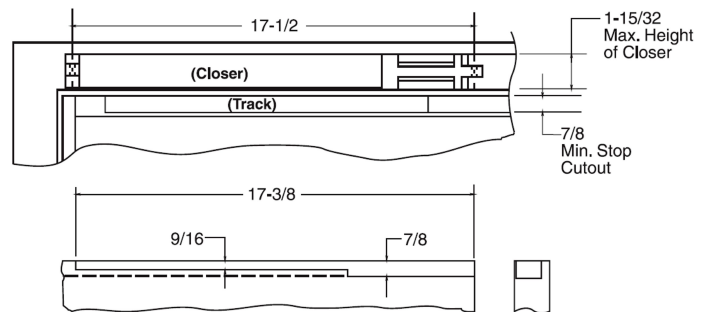
MODEL 0700 (OFFSET)

Application

- Single Acting, Handed
- Exterior or Interior Doors
- Low to Medium Usage

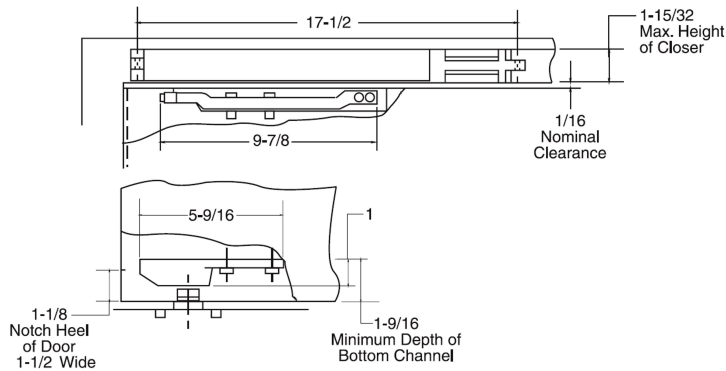
Product Description & Features

- 0700 - Aluminum door/frame
- M0700 - Metal door/frame
- W0700 - Wood door/frame
- MW0700 - Wood door/metal frame
- Available non hold-open (N) or hold open (A). Specify degree (90° or 105°, A or N)
- Means of hanging: offset pivots, butts, etc., by others
- Auxiliary stop required
- Adjustable closing speed and backcheck
- UL listed for fire-rated openings
- Not available CWF and DA
- For ADA compliance use Model 0706 for interior 36" doors
- Metal frames require mounting box 0192 that must be welded in the frame prior to shipment. Included with closer. Wood frames require 0198 mounting plate. Included with closer.
- Closer cover supplied with M/MW/W models only.



Spring Sizes	
Specify size when ordering	
0706- Exterior	2'6" x 8'0" (762 x 2438mm)
Interior	3'0" x 8'0" (914 x 2438mm)
0707- Exterior	3'0" x 8'0" (914 x 2438mm)
Interior	3'3" x 8'0" (991 x 2438mm)
0708- Exterior	3'6" x 8'0" (1067 x 2438mm)
Interior	3'8" x 8'0" (1118 x 2438mm)

MODEL 800 (CENTER HUNG)



Spring Sizes

Specify size when ordering

806 - Exterior	2'6" x 8'0" (762 x 2438mm)
Interior	3'0" x 8'0" (914 x 2438mm)
807 - Exterior	3'0" x 8'0" (914 x 2438mm)
Interior	3'3" x 8'0" (991 x 2438mm)
808 - Exterior	3'6" x 8'0" (1067 x 2438mm)
Interior	3'8" x 8'0" (1118 x 2438mm)

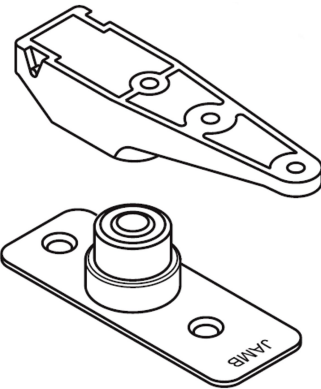
Application

- Double Acting, Non-handed
- Exterior or Interior Doors
- Low to Medium Usage
- Weight to 200 lbs.

Product Description & Features

- 800 - Aluminum door/frame
- M800 - Metal door/frame
- W800 - Wood door/frame
- MW800 - Wood door/metal frame
- Available non hold-open (N) or hold open (A). Specify degree (90° or 105°, A or N)
- Closer package includes bottom pivot
- 1-3/4" doors
- Always use auxiliary stop
- 1/2" extended spindle available – specify when ordering
- Not available CWF or DA
- For ADA compliance use Model 806 for interior 36" doors Metal frames require 192 mounting channel, which must be welded into frame prior to shipment. Included with closer. Wood frames require 198 mounting plate. Included with closer.
- Cover plate supplied on M/MW/W applications only.

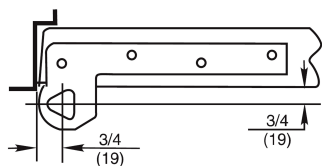
BOTTOM PIVOT



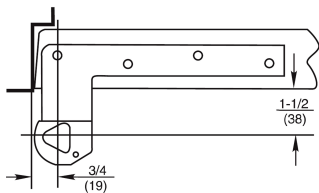
Model No. 2183020

Bottom center pivot package for 700/800 Models.

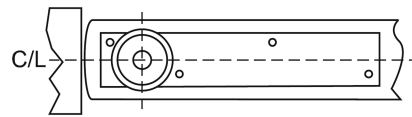
Offset vs. Center Hung Application



3/4" Offset
Pivot point located 3/4" from the heel edge of the door and 3/4" from face of door.

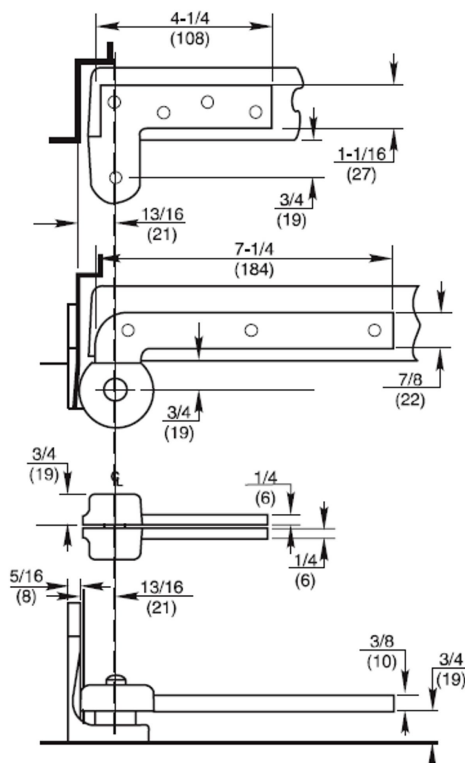


1-1/2" Offset
Pivot point located 3/4" from the heel edge of the door and 1-1/2" from face of door.



Center Hung
Pivot point centered in thickness of door. (Not for use on fire doors.)

117-1/4 (3/4" OFFSET)



Application

- Interior Doors
- Weight to 250 lbs.*
- Door Width up to 3'6"(1067mm)
- Handed

Product Description & Features

- Standard top pivot 180 included
- 119 (order separately); see page 131
- Bottom pivot mortised into side jamb
- Doors over 60"(1524mm) require the use of one intermediate pivot. Every additional 30"(762mm) of door height warrants another intermediate pivot
- 3/4"(19mm) offset (measured from center-line of pivot to face of door)
- Door edges must be beveled 1/8" in 2"
- Weight of door borne by floor
- Furnished with wood and machine screws
- Extended spindles available in 1/2"(13mm) increments up to 2"(51mm)
- Not available for fire-rated doors
- Doors will swing 180°, trim permitting

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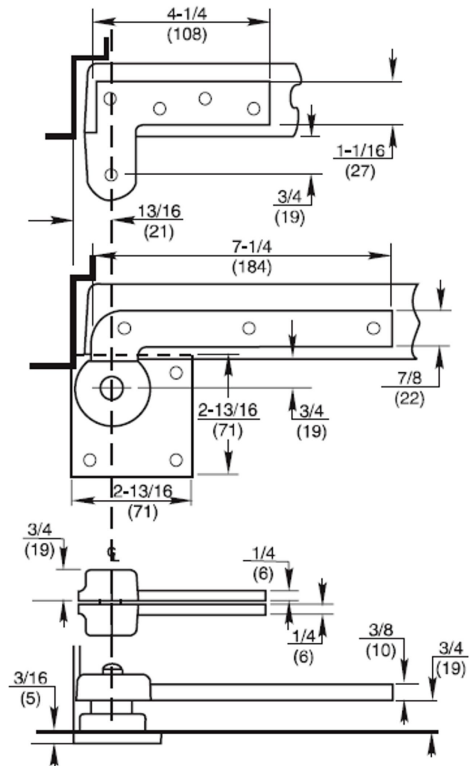
117 (3/4" OFFSET)

**Application**

- Interior Doors
- Weight to 300 lbs.*
- Door Width up to 3'6"(1067mm)
- Handed

Product Description & Features

- Standard top pivot 180 included
- 119 (order separately)
- Bottom pivot mortised into floor
- Available for fire door assemblies up to three hours—specify F117. Intermediate pivot required by UL. Specify FM19, (order separately)
- For 20-minute label suffix -20
- Doors over 60"(1524mm) require the use of one intermediate pivot. Every additional 30"(762mm) of door height warrants another intermediate pivot
- 3/4"(19mm) offset (measured from centerline of pivot to face of door)
- Door edges must be beveled 1/8" in 2"
- Furnished with wood and machine screws
- Extended spindles available in 1/2"(13mm) increments up to 2"(51mm)
- Doors will swing 180°, trim permitting



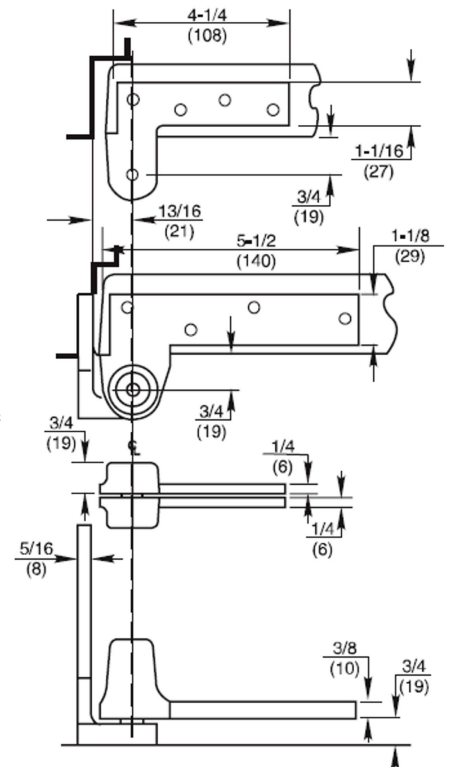
195 (3/4" OFFSET)

**Application**

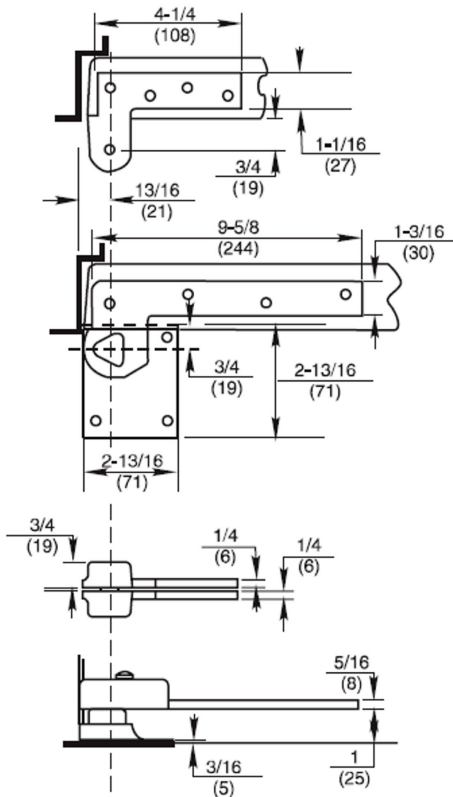
- Exterior or Interior Doors
- Weight to 450 lbs.*
- Door Width up to 4'0"(1219mm)
- Handed

Product Description & Features

- Standard top pivot 180 included
- M19 (order separately)
- Bottom pivot mortised into side jamb
- Pivot set can be vertically adjusted up to 3/16"(5mm) after installation
- Doors over 60"(1524mm) require the use of one intermediate pivot. Every additional 30"(762mm) of door height warrants another intermediate pivot
- Not available for fire-rated doors
- 3/4"(19mm) offset (measured from centerline of pivot to face of door)
- Door edges must be beveled 1/8" in 2"
- Weight of door is borne by floor portion
- Furnished with wood and machine screws
- Extended spindles available in 1/2"(13mm) increments up to 2"(51mm)
- Doors will swing 180°, trim permitting



147 (3/4" OFFSET)

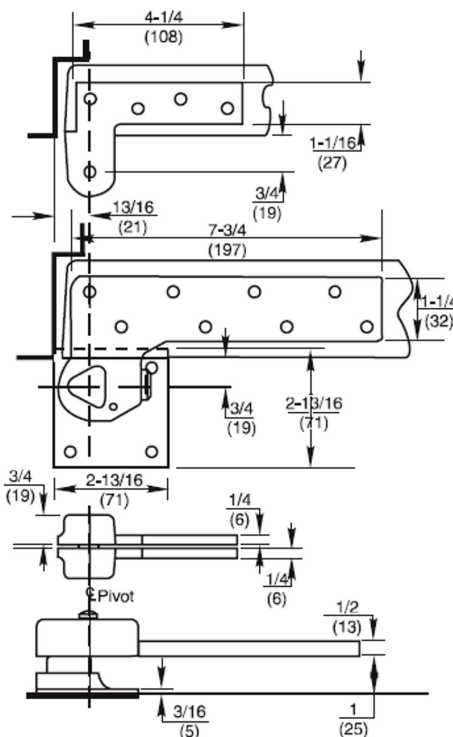
**Application**

- Exterior or Interior Doors
- Weight to 600 lbs.*
- Exterior Door Width up to 3'0"(914mm)
- Interior Door Width up to 3'6"(1067mm)
- Handed

Product Description & Features

- Standard top pivot 180 included
- M19 (order separately)
- Bottom pivot mounts directly to floor
- Uses same arm and cap as 27 floor closer
- Available for fire door assemblies up to three hours (ferrous material)–specify F147. Intermediate pivot required by UL. Specify FM19 (order separately)
- For 20-minute label suffix –20
- Non-ferrous base metal
- Doors over 60"(1524mm) require the use of one intermediate pivot. Every additional 30"(762mm) of door height warrants another intermediate pivot
- 3/4"(19mm) offset (measured from centerline of pivot to face of door)
- Door edges must be beveled 1/8" in 2"
- Furnished with wood and machine screws
- Extended spindles available in 1/2"(13mm) increments up to 2"(51mm)
- Doors will swing 180°, trim permitting

H147 (3/4" OFFSET)

**Product Description & Features**

- Standard top pivot H180 included
- M190 (order separately)
- Bottom pivot mounts directly to floor
- Available for fire door assemblies up to three hours for 1-3/4"(44mm) doors only –specify FH147. Intermediate pivot required by UL. Specify FM19 (order separately)
- For 20-minute label suffix –20
- Designed to accommodate narrow dense doors where traffic is moderate
- Bottom pivot features roller bearing for greater load capacity
- Doors over 60"(1524mm) require the use of one intermediate pivot. Every additional 30"(762mm) of door height warrants another intermediate pivot
- 3/4"(19mm) offset (measured from centerline of pivot to face of door)
- Door edges must be beveled 1/8" in 2"
- Furnished with wood and machine screws
- Extended spindles available in 1/2"(13mm) increments up to 2"(51mm)
- Doors will swing 180°, trim permitting

Application

- Exterior or Interior Doors
- Weight to 800 lbs.
- Door Width up to 3'6"(1067mm)
- Handed

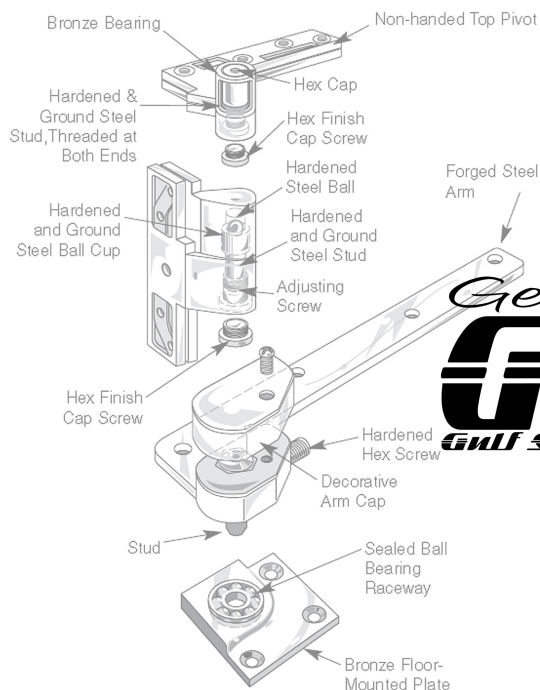
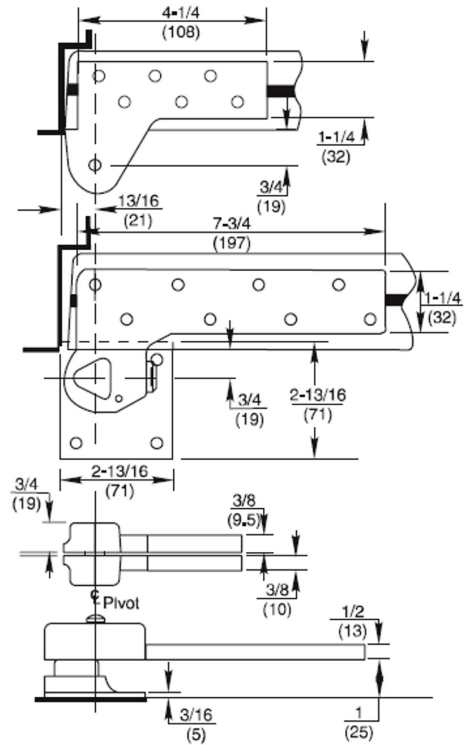


Application

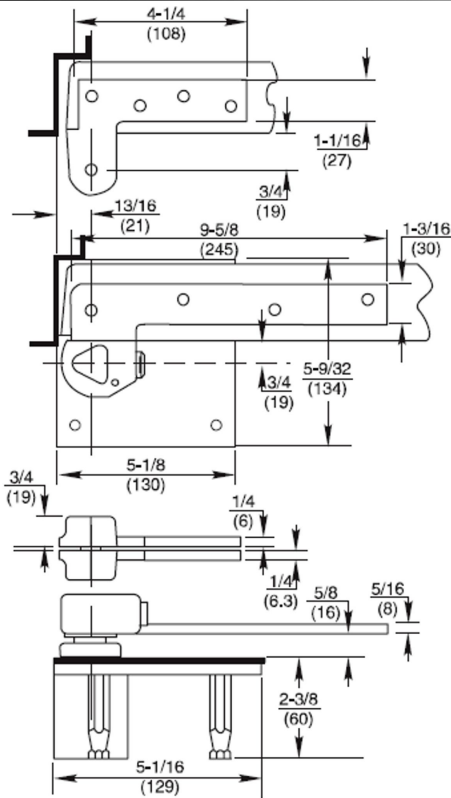
- Exterior or Interior Doors
- Lead-Lined/Heavy/High Traffic Doors
- Weight to 1000 lbs.
- Door Width up to 3'6"(1067mm)
- Handed

Product Description & Features

- Standard top pivot L180 included
- ML19 (order separately)
- Bottom pivot mounts directly to floor
- Designed for lead-lined doors with lead in center of door
- Screw holes in top pivot and bottom arm designed to straddle lead lining
- Available for fire door assemblies up to three hours for 1-3/4"(44mm) doors only (ferrous material)—specify FL147. Intermediate pivot required by UL. Specify FML19 (order separately)
- For 20-minute label suffix -20
- Available to accommodate lead in door thicknesses 1-3/4"(44mm), 2"(51mm), 2-1/4"(57mm), 2-1/2"(64mm), or 3"(76mm) – specify when ordering Non-ferrous base metal
- Doors over 60"(1524mm) require the use of one intermediate pivot. Every additional 30"(762mm) of door height warrants another intermediate pivot
- 3/4"(19mm) offset (measured from centerline of pivot to face of door)
- Door edges must be beveled 1/8" in 2"
- Furnished with wood and machine screws
- Extended spindles available in 1/2"(13mm) increments up to 2"(51mm)
- Doors will swing 180°, trim permitting



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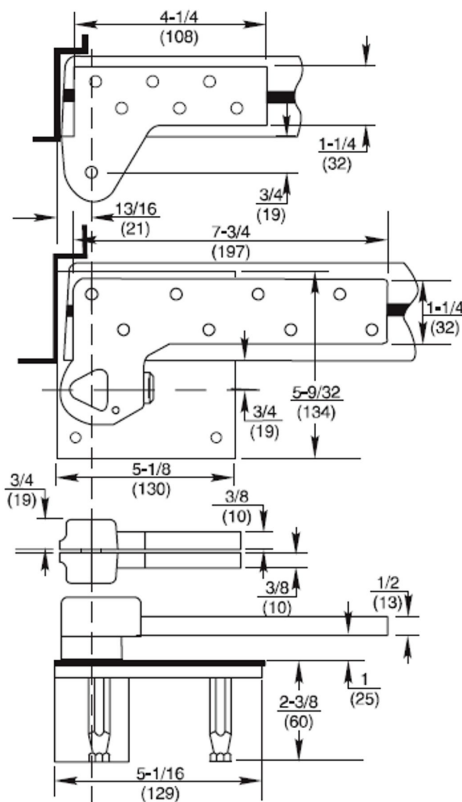
Application

- Exterior or Interior Doors
- Weight to 650 lbs.*
- Door Width up to 4'0"(1219mm)

Product Description & Features

- Standard top pivot 180 included
- M19 (order separately)
- Bottom pivot mortised into floor
- Available for fire door assemblies up to three hours (ferrous material)—specify F117-1/2. Intermediate pivot required by UL. Specify FM19 (order separately)
- For 20-minute label suffix -20
- Non-ferrous base metal
- Doors over 60"(1524mm) require the use of one intermediate pivot. Every additional 30"(762mm) of door height warrants another intermediate pivot
- 3/4"(19mm) offset (measured from centerline of pivot to face of door)
- Door edges must be beveled 1/8" in 2"
- Furnished with wood and machine screws
- Extended spindles available in 1/2"(13mm) increments up to 2"(51mm)
- Doors will swing 180°, trim permitting

L117 (3/4" OFFSET)



Application

- Exterior or Interior Doors
- Lead-Lined/Heavy/High Traffic Doors
- Weight to 1,750 lbs.*
- Door Width up to 4'0"(1219mm)
- Handed

Product Description & Features

- Standard top pivot L180 included
- ML19 (order separately),
- Bottom pivot mortised into floor
- Designed for lead-lined doors with lead in center of door
- Screw holes in top pivot and bottom arm designed to straddle lead lining
- Available for fire door assemblies up to three hours for 1-3/4"(44mm) doors only—specify FL117. Intermediate pivot required by UL Specify FML19 (order separately)
- For 20-minute label suffix -20
- Available to accommodate lead in door thicknesses 1-3/4"(44mm), 2"(51mm), 2-1/4"(57mm), 2-1/2"(64mm), or 3"(76mm) – specify when ordering
- Doors over 60"(1524mm) require the use of one intermediate pivot. Every additional 30"(762mm) of door height warrants another intermediate pivot
- 3/4"(19mm) offset (measured from centerline of pivot to face of door)
- Door edges must be beveled 1/8"(3mm) in 2"
- Furnished with wood and machine screws
- Extended spindles available in 1/2"(13mm) increments up to 2"(51mm)
- Doors will swing 180°, trim permitting

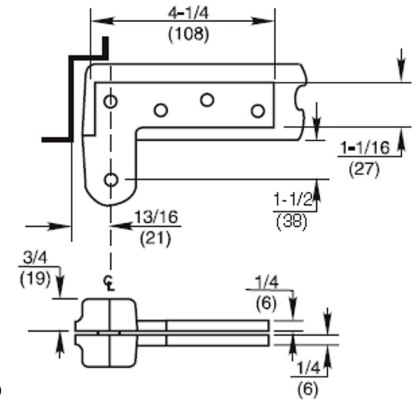
180 (OFFSET)

**Application**

- Full Mortise
- Non-handed

Product Description & Features

- Standard top pivot for most offset pivot sets and floor closers
- Available for fire door assemblies (ferrous material)– specify F180
- For 20-minute label suffix –20
- Oil-impregnated sintered bronze bearing
- Non-ferrous base metal
- 3/4"(19mm) offset (measured from centerline of pivot to face of door)
- Available with longer than standard pivot pins. Increments are 1/4"(6mm), 1/2"(13mm), 3/4"(19mm) only
- Furnished with wood and machine screws



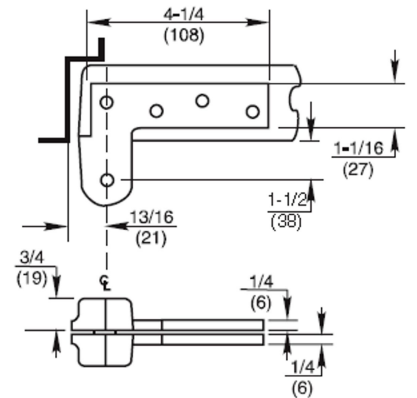
H180 (OFFSET)

**Application**

- Full Mortise, Heavy-Duty
- Non-handed

Product Description & Features

- Standard top pivot for heavy-duty offset pivot sets
- Available for fire door assemblies
- For 20-minute label suffix –20
- Heavy-duty needle bearings are standard
- Non-ferrous base metal
- 3/4"(19mm) offset
- Available with longer than standard pivot pins.
- Furnished with wood and machine screws



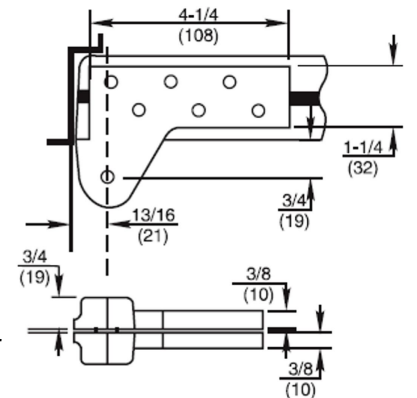
L180 (OFFSET)

**Application**

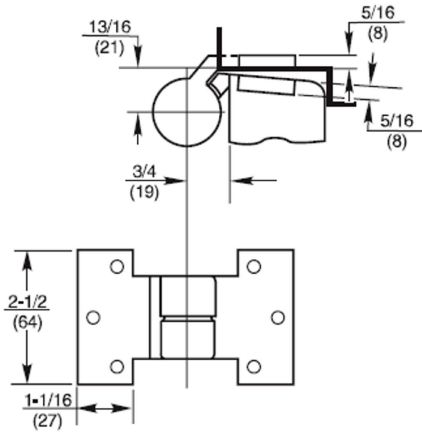
- Lead-Lined/Heavy/High Traffic Doors
- Full Mortise
- Non-handed

Product Description & Features

- Standard top pivot for L147, L117 pivots, L27 and L25 floor closers
- Screw holes designed to straddle lead in the middle of the door
- Available to accommodate door thicknesses: 1-3/4"(44mm), 2"(51mm), 2-1/4"(57mm), 2-1/2"(64mm), or 3"(76mm) –specify when ordering
- Available for fire door assemblies for 1-3/4"(19mm) doors only (ferrous material). Specify FL180
- For 20-minute label suffix –20
- Non-ferrous base material
- 3/4"(19mm) offset (measured from centerline of pivot to face of door)
- Available with longer than standard pivot pins. Increments are 1/4"(6mm), 1/2"(13mm), 3/4"(19mm) only
- Furnished with wood and machine screws



119 (OFFSET)

**Application**

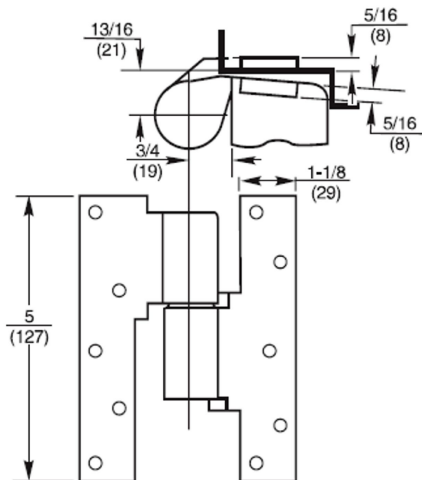
- Full Mortise
- Handed

Product Description & Features

- Not load-bearing
- Available 3/4"(19mm) offset only
- Non-ferrous base material
- Used with 117, 117-1/4, 195, UNI closers, 127 closer
- Maintains door alignment
- Furnished with wood and machine screws



M19 (OFFSET)

**Application**

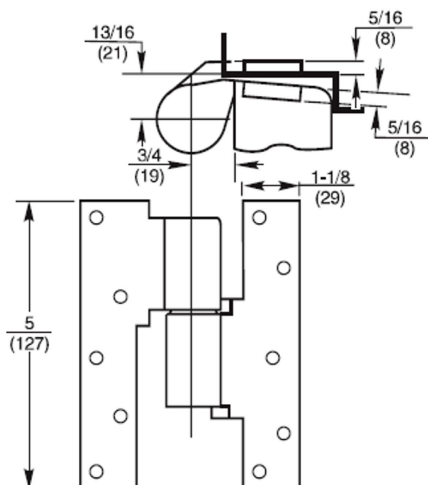
- Full Mortise
- Handed

Product Description & Features

- Not load-bearing
- Maintains door alignment
- For 20-minute label suffix -20
- Non-ferrous base metal
- 3/4"(19mm) offset
- Available for fire door assemblies (ferrous material)– specify FM19
- On labeled fire door assemblies, NFPA80 requires an intermediate pivot for every additional 30"(762mm) (or fraction thereof) of door height over 60"(1524mm)
- Furnished with wood and machine screws



M190 (OFFSET)

**Application**

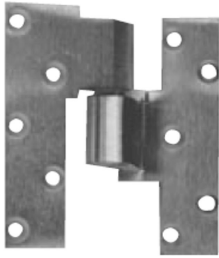
- Heavy-Duty Full Mortise
- Handed

Product Description & Features

- Used when frame condition does not allow standard top pivot
- Heavy-duty needle bearing
- Non-ferrous base metal
- 3/4"(19mm) offset
- Lateral load-bearing
- Available for fire door assemblies (ferrous material)– specify FM190
- For 20-minute label suffix -20
- On labeled fire door assemblies, NFPA80 requires an intermediate pivot for every additional 30"(762mm) (or fraction thereof) of door height over 60"(1524mm)
- Furnished with wood and machine screws



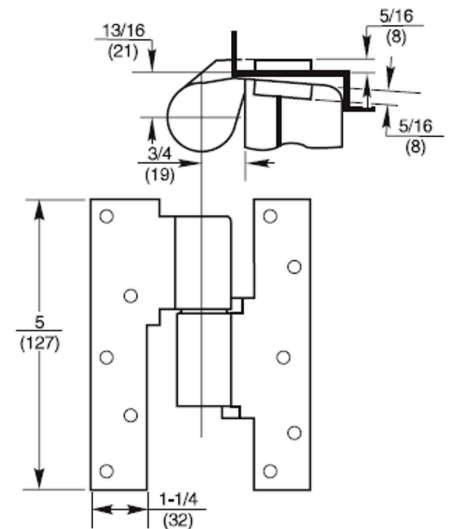
ML19 (OFFSET)

**Application**

- Full Mortise
- Lead-Lined, Heavy or
- High Traffic Doors
- Handed

Product Description & Features

- Designed for doors with lead in center of door
- Screw holes designed to straddle the lead lining
- Available to accommodate door thicknesses
- Load-bearing
- Non-ferrous base material
- Available for fire door assemblies—1-3/4"(44mm) door only—specify FML19
- For 20-minute label suffix -20
- On labeled fire door assemblies, NFPA80 requires an intermediate pivot for every additional 30"(762mm) (or fraction thereof) of door height over 60"(1524mm)
- Furnished with wood and machine screws



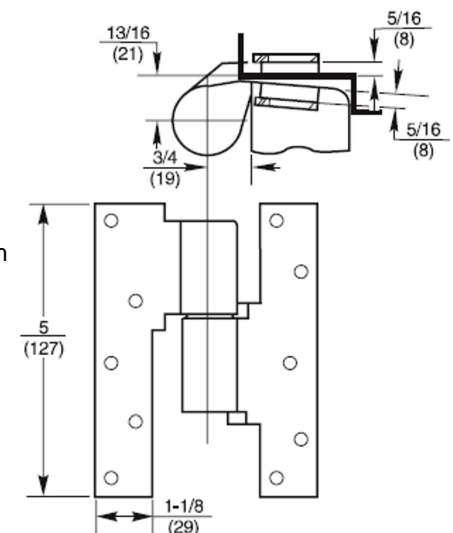
E-M19 (ELECTRIFIED)

**Application**

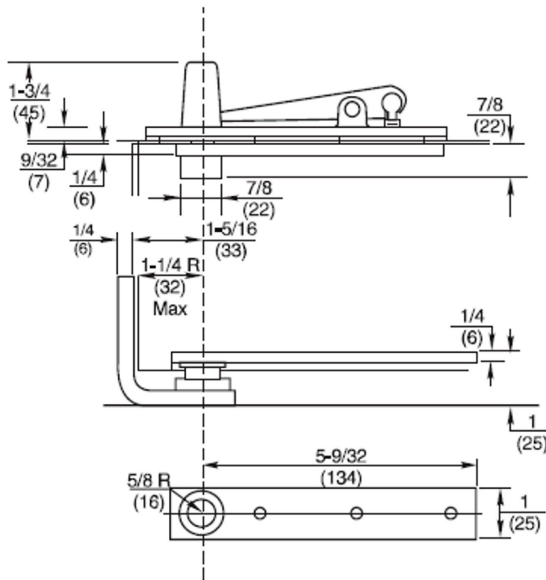
- Offset Hung
- Electric Pivot for Power Transfer
- Handed

Product Description & Features

- Maintains door alignment
- Standard with four wires, six wires maximum
- 24-gauge wire is rated at 2 amps for low voltage, class II wiring applications
- Available in non-ferrous and malleable iron for fire door assemblies—specify EFM19
- 3/4"(19mm) offset
- Not load-bearing
- Door and jamb portion are factory assembled and cannot be separated
- Furnished with wood and machine screws
- For 20-minute label, suffix -20



127-3/4 (CENTER)

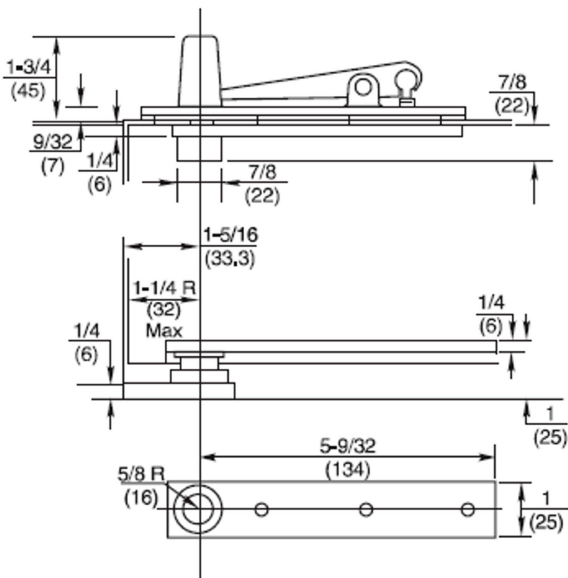
**Application**

- Interior Doors
- Weight to 200 lbs.
- Door Sizes up to 3'6"x 8'6" (1067 x 2591mm)
- Non-handed

**Product Description & Features**

- Standard top pivot 320 included
- Bottom pivot mortised into side jamb
- All center hung pivot sets are double acting unless stopped by some means on the door frame
- Not allowed for use on labeled doors and frames
- Available with longer spindles in 1/2"(13mm) increments up to 2"(51mm)
- Pivot point centered in thickness of door
- Door must have radius on pivot edge
- Furnished with wood and machine screws
- Weight of door borne by floor
- Doors do not return to center

128-3/4 (CENTER)

**Application**

- Interior Doors
- Weight to 250 lbs.
- Door Sizes up to 3'6"x 8'6" (1067 x 2591mm)
- Non-handed

**Product Description & Features**

Identical to the 127-3/4 except:

- Bottom pivot mounts directly to floor

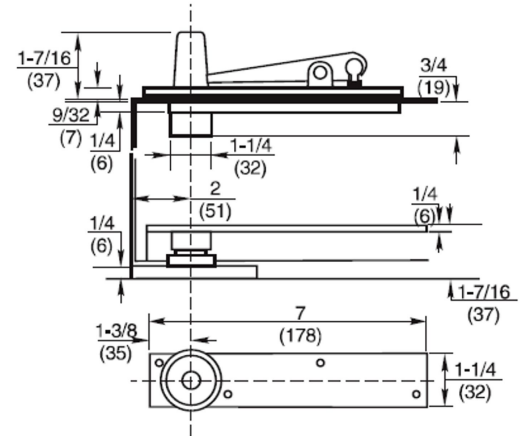
370 (CENTER)

**Application Technical**

- Exterior or Interior Doors
- Weight to 500 lbs.
- Door Sizes up to 3'8"x 8'6" (1118 x 2591mm)
- Non-handed

Product Description & Features

- Standard top pivot 340 included
- Bottom pivot mounts directly to floor
- Pivot set features sealed bearings for protection against weather and debris
- All center hung pivot sets are double acting unless stopped by some means on the door frame
- Not allowed for use on labeled doors and frames
- Available with longer spindles in 1/2"(13mm) increments up to 2"(51mm)
- Pivot point centered in thickness of door
- Door must have radius on pivot edge



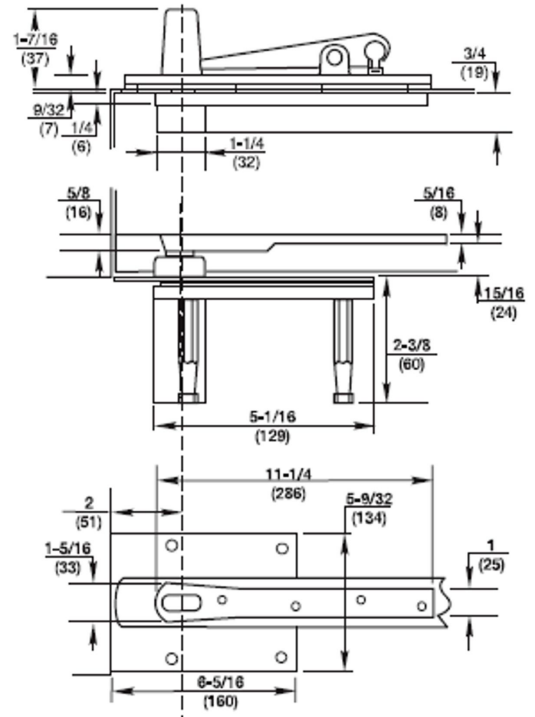
117-3/4 (CENTER)

**Application**

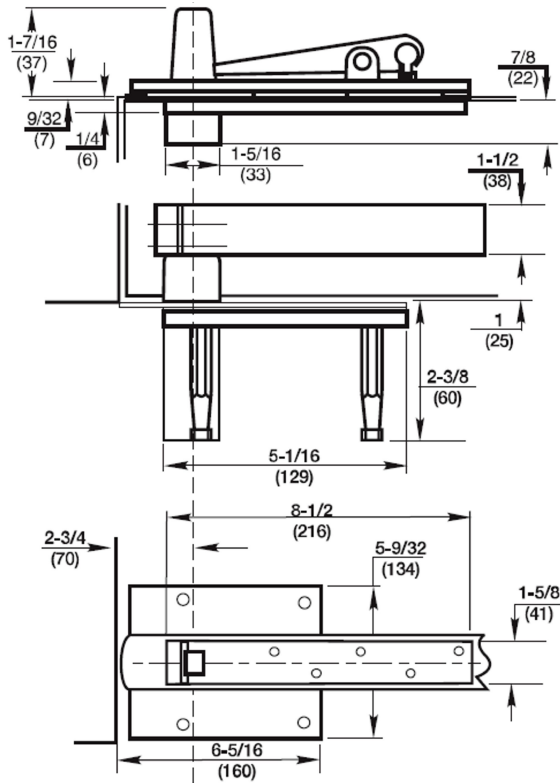
- Exterior or Interior Doors
- Weight to 600 lbs.
- Door Sizes up to 4'0"x 8'6" (1219 x 2591mm)
- Non-handed

Product Description & Features

- Standard top pivot 340 included
- Pivot set is fully concealed
- Bottom pivot is mortised into floor
- Heavy-duty bearings
- All center hung pivot sets are double acting unless stopped by some means on the door frame
- Not allowed for use on labeled doors and frames
- Available with longer spindles in 1/2"(13mm) increments up to 2"(51mm)
- Pivot point centered in thickness



H117-3/4 (CENTER)

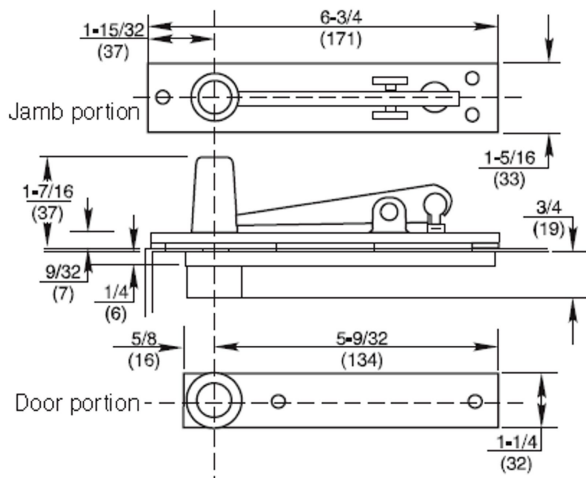
**Application**

- Exterior or Interior Doors
- Weight to 1,000 lbs.
- Door Sizes up to 4'0" x 8'6" (1219 x 2591mm)
- Non-handed

**Product Description & Features**

- Standard top pivot H340 included
- Pivot set is fully concealed
- Bottom pivot is mortised into floor
- Standard set is equipped with end load arm for 2" (51mm) thick doors
- Extra heavy-duty bearings
- All center hung pivot sets are double acting unless stopped by some means on the door frame
- Not allowed for use on labeled doors and frames
- Available with longer spindles in 1/2" (13mm) increments up to 2" (51mm)
- Pivot point centered in thickness of door
- Door must have radius on pivot edge
- Furnished with wood and machine screws
- Doors do not return to center

340 (CENTER)

**Application**

- Fully Concealed
- Non-handed

Product Description & Features

- Standard top pivot for Models 370 and 117-3/4 pivot sets. Also used for 28, 30, 40 and 50 Series floor closers
- Walking beam-type pivot—1/2" (13mm) diameter pivot pin with 3/4" (19mm) engagement
- Oil-impregnated sintered bronze bearing
- Completely concealed when door is closed
- Available with longer than standard pivot pins. Increments are 1/4" (6mm), 1/2" (13mm), 3/4" (19mm) only
- Furnished with wood and machine screws



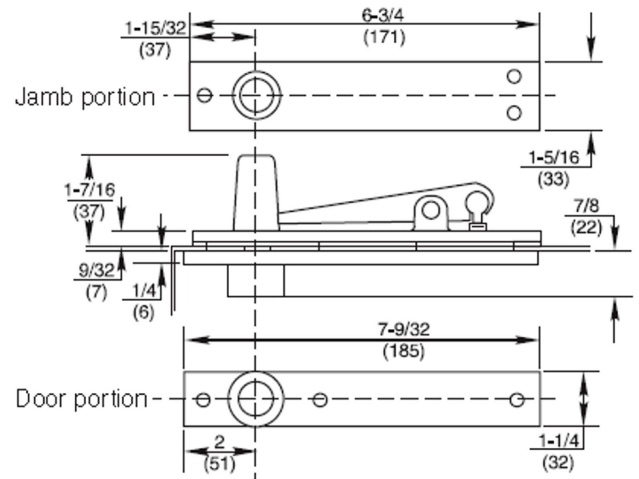
H340 (CENTER)

**Application**

- Fully Concealed
- Heavy-Duty
- Non-handed

Product Description & Features

- Standard top pivot for Model H117-3/4 pivot set. Also used for H28 and H40 Series floor closers
- Walking beam-type pivot—1-1/16"(17mm) diameter pivot pin with 3/4"(19mm) engagement
- Heavy-duty needle bearing
- Completely concealed when door is closed
- Available with longer than standard pivot pins. Increments are 1/4"(6mm), 1/2"(13mm), 3/4"(19mm) only
- Furnished with wood and machine screws



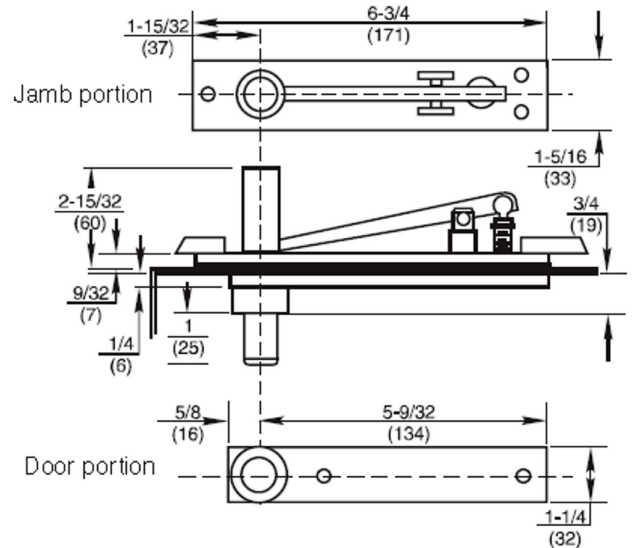
345 (CENTER)

**Application**

- Fully Concealed
- Center Hung
- Non-handed
- Earthquake Tolerant

Product Description & Features

- Long pivot pin engages in top of door 1-3/4"(44mm). Ideal for locations where there is a fear of dramatic building settling
- Can be used with any center hung bottom pivot. Order the bottom pivot LTP (less top pivot) and then the 345 on a separate line
- Walking beam-type pivot—1/2"(13mm) diameter pivot pin
- Oil-impregnated sintered bronze bearing
- Completely concealed when door is closed
- Furnished with wood and machine screws
- For doors over 8'6" in height

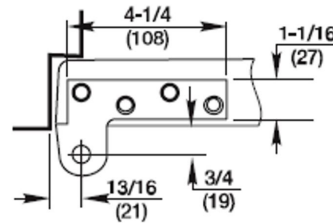


Application

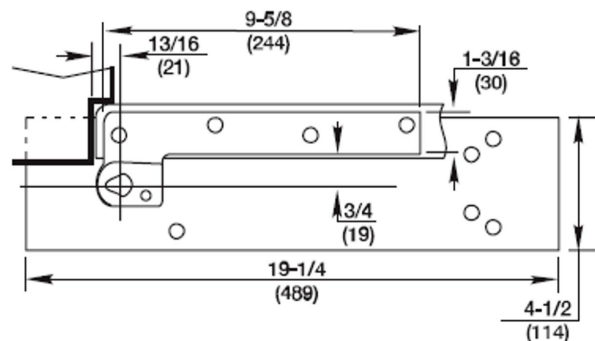
- Single Acting, Handed
- Interior Doors
- Weight to 250 lbs.
- Door Width up to 4'0"(1219mm)

Product Description & Features

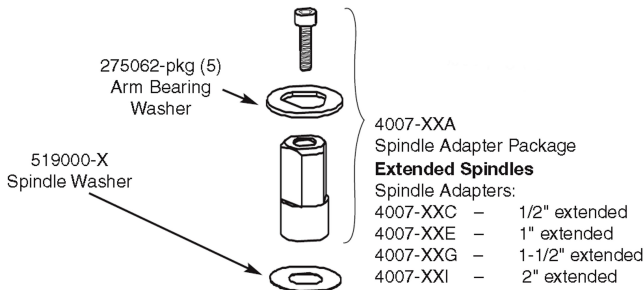
- Interchangeable spindle adapters
- Separate and independent valves for closing speed and latch speed
- Allows 180° door swing (trim permitting)
- Optional backcheck - suffix "BC"
- Delayed action available-prefix "DA" (BC and DA not available together)
- Available non hold-open (NHO) or hold open at 90, 105 or 180° (requires door to swing approximately 5° beyond hold open point)
- Available in spring sizes 3 through 5: Spring Size Door Width 3 36"(914mm) 4 42"(1067mm) 5 48"(1219mm)
- Models available to meet ANSI A117.1 opening force requirements. Prefix "PH" "PH" Spring Size Door Width 2 36"(914mm) 3 42"(1067mm)
- Available with floor plate or threshold installation (floor plate shown)
- Available 1-1/2" offset
- Cyclocac cement case
- Vertical door adjustment
- Standard top pivot: #180 included
- Intermediate pivot recommended: M19
- Doors up to 90"(2286mm) in height should use one intermediate pivot. Each additional 30"(762mm) warrants another intermediate pivot



Frame stop required

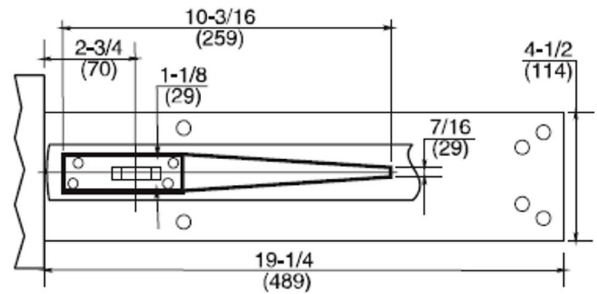


Extended Spindles





Frame stop required on lock edge

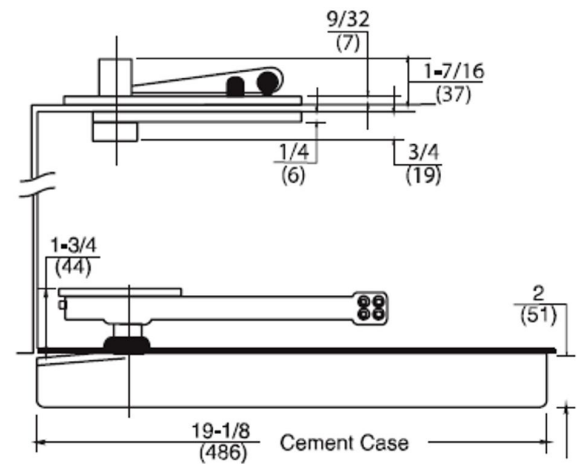


Application

- Single Acting, Handed
- Interior Doors
- Weight to 250 lbs.
- Door Sizes up to 4'0" x 8'0" (1219 x 2438mm)

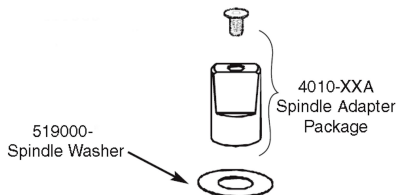
Product Description & Features

- Available non hold-open or 90° or 105° hold open
- Standard top pivot: 340 included
- Available in spring sizes 3 through 5: Spring Size Door Width 3 36"(914mm) 4 42"(1067mm) 5 48"(1219mm)
- Will swing as far as frame trim will permit
- Backcheck option available, suffix "BC" (not available on delayed action model)
- Delayed action option available, prefix "DA" (not available on backcheck model)
- For wood door application, specify "W"
- Cylolac cement case
- Not allowed for use on labeled fire doors and frames
- Available for floor plate or threshold installation (floor plate shown)
- Model available to meet ANSI A117.1 requirements for physically handicapped access – prefix "PH" "PH" Spring Size Door Width 2 up to 42"(1067mm) 3 48"(1219mm)
- Applied stop required



Extended spindles available in 1/2"(13mm) increments up to 2"(51mm)

Extended Spindles



Extended Spindles

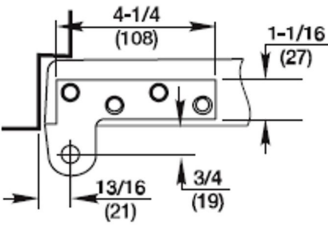
- Spindle Adapters:
- 4010-XXC – 1/2" extended
 - 4010-XXE – 1" extended
 - 4010-XXG – 1-1/2" extended
 - 4010-XXI – 2" extended

Application

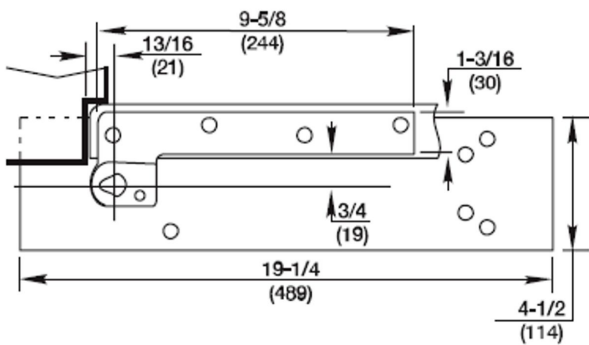
- Double Acting, Non-handed
- Interior Doors
- Weight to 250 lbs.
- Door Sizes up to 4'0" x 8'0" (1219 x 2438mm)

Product Description & Features

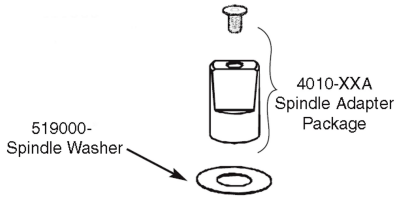
- Available non hold-open or 90° or 105° hold open
- Standard top pivot: 340 included
- Available in spring sizes 3 through 5: Spring Size Door Width
3 36"(914mm) 4 42"(1067mm) 5 48"(1219mm)
- Will swing as far as frame trim will permit
- Backcheck option available, suffix "BC" (Not available on delayed action model)
- Delayed-action option available, prefix "DA" (Not available on backcheck model)
- For wood door application, specify "W"
- Cylolac cement case
- Not allowed for use on labeled fire doors and frames
- Available for floor plate or threshold installation (floor plate shown)
- Model available to meet ANSI A117.1 requirements for physically handicapped access – prefix "PH" "PH" Spring Size Door Width 2 up to 42"(1067mm) 3 48"(1219mm)



Frame stop required



Extended Spindles



- Extended Spindles**
 Spindle Adapters:
 4010-XXC – 1/2" extended
 4010-XXE – 1" extended
 4010-XXG – 1-1/2" extended
 4010-XXI – 2" extended

SMOK-CHEK V

SMOK-CHEK® V is an electromechanical closer-holder combining the functions of a single-point door holder with the proven reliability of Rixson's M2220 Series door closer. *SMOK-CHEK V* is designed to hold fire/smoke doors open, and release when activated by a fire alarm system. *SMOK-CHEK V* units are listed as automatic closer release devices for use on fire rated/smoke doors.

SMOK-CHEK V is available as a fully detected "stand alone" unit for buildings not equipped with an alarm system, or as a non-detected unit in buildings with existing alarm systems. It is recommended for the majority of room and door requirements including cross-corridor and double egress doors, horizontal exit and stairway doors. The modular design of Smok-Chek® offers ease of replacement of all major components including the magnet, holder, detector module, closer, and arm.

Pull Side Mount

0600 Non-detected

- Pull side mount
- Hold-open range 85° - 145°
- Available: 120VAC (17MA)(.018amps) 24VAC/DC (80MA)(.091amps)

2600 Detected

- Pull side mount
- Hold-open same as 0600
- Available: 120V (33MA)(.033amps) 24AC (47MA) (.120amps) 24VDC 4 wire (30MA)(.100amps)

Push Side Mount

0601 Non-detected

- Push side mount
- Hold-open range 85° - 135° (to allow doors to swing 180° specify arm 550789) for reveals 2-3/4" or less. 85° - 95° for reveals 2-3/4" to 3-1/2"
- Available: 120V (17MA)(.018amps) 24VAC/DC (80MA)(.091amps)

2601 Detected

- Push side mount
- Hold-open same as 0601
- Available: 120VAC (33MA)(.033amps) 24AC (47MA) (.120amps) 24VDC 4 wire (30MA)(.100amps)

SMOK-CHEK VI



Pull Side Mount

- Detected with dual ionization chambers
- Handed
- Pull side mounted
- Free swing arm available (prefix "FS")
- Double egress arm available for reveals deeper than 1/8" up to 3"(prefix "DE"). Maximum opening 110°
- Minimum door width 28"
- Maximum door opening 180° Maximum hold open 165°
- 2" clearance required above 2" frame
- Sex bolts included standard
- Can be used in conjunction with non-detected unit (4PULL)
- Best suited for use on corridor or stairwell doors or patient room doors with the optional free swing arm
- Other features and functions identical to 6PUSH



Push Side Mount

- Detected with dual ionization chambers
- Handed
- Push side (stop) mounted
- Minimum door width 26"
- Maximum door opening 180° Maximum hold open 165°
- Infinite Hold Open (Option) – door will hold at any degree (0°-165°), suffix I. Selective Hold Open (Standard) – preset at factory (80°-165°), suffix S.
- Available in 120V AC .035amps or 24V AC/DC .070amps.
- Can be used in conjunction with the non-detected unit (4PUSH)
- Best suited for use on corridor or stairwell doors
- Sprayed finished only



INDEPENDENT LAB TEST CYCLES

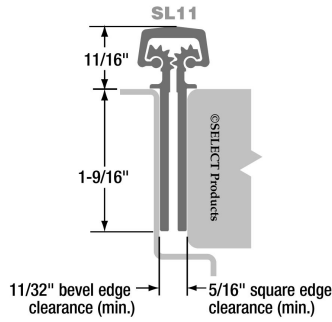
Call (800) 266-4950 Fax (800) 940-3667



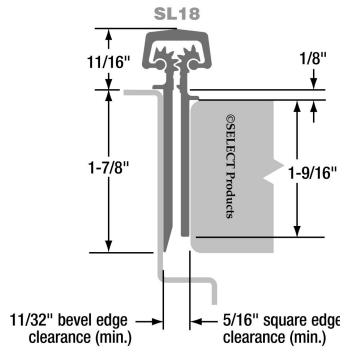
Check us out online @ www.gsdinc.com

CONCEALED

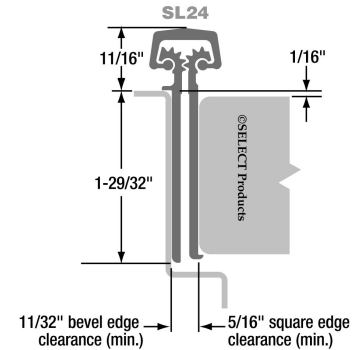
Concealed surface mount. No mortise required. For new construction or renovation. Requires 5/16" clearance at hinge side between door and frame.



SL11 SD/HD/LL
Flush mounted (no door inset). Alignment stop on each leaf.



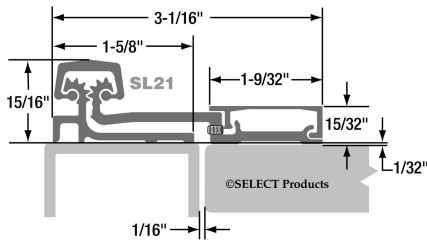
SL18 SD/HD/LL
1/8" door inset. Beveled frame leaf allows for weather-stripping. Ideal for storefront applications.



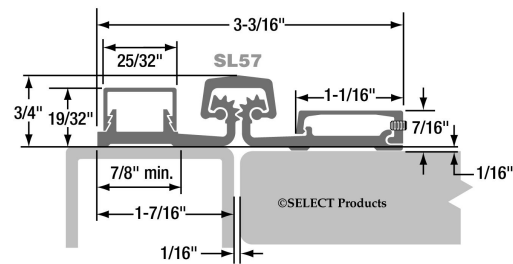
SL24 SD/HD/LL
1/16" door inset. Door edge protector. Frame leaf covers previous butt hinge preps.

FULL SURFACE

Surface mount on face of existing or new door and frame. For retrofit or new construction.



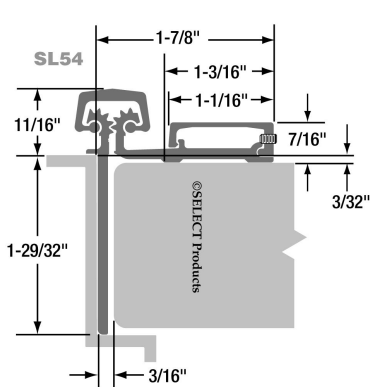
SL21 SD/HD
1/32" door inset. Swing clear action. Tamper-resistant, removable door leaf cover.



SL57 SD/HD
1/16" door inset, center pivot. Fits narrow (7/8") frame face. Tamper-resistant, removable door leaf cover.

HALF SURFACE

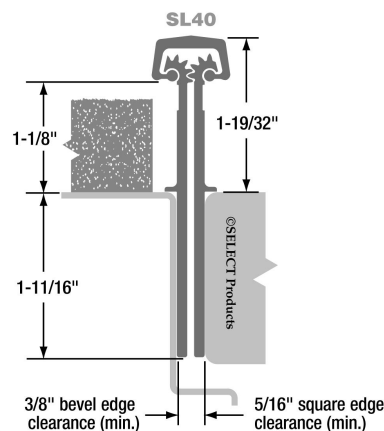
Mounts on door face and frame rabbet. For renovation (retrofit) or new construction



SL54 HD
3/32" door inset. Frame leaf covers previous butt hinge preps. Tamper-resistant, removable door leaf cover.

WIDE THROW

Concealed surface mount. No mortise required



SL40 HD
Flush mounted wide-throw for retrofit clearance of brick moldings or special door/frame designs. Frame leaf covers previous butt hinge preps.



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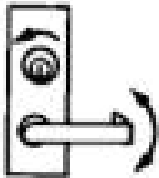


Over the years, Von Duprin has been an innovator in many new concepts to the industry. These include the latch track threshold, drop forged center case, concealed vertical rod device, reversible exit device, narrow stile device, extruded aluminum mullion and wood door concealed device, all designed to meet the needs of architects and building owners.

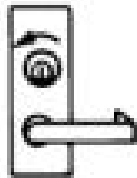
The most innovative change took place in 1972, when the company introduced the first pushpad exit device, the series 33. One benefit of the new pushpad design was its ability to be electrified. Shortly after the 33 Series was introduced, the EL electric latch retraction version exit device was developed. Within the next few years, Von Duprin introduced the wide-stile pushpad 99 Series, which has become the most popular and versatile exit device on the market.



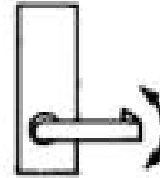
Operation Options



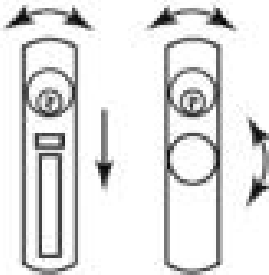
Standard Operation — Key locks and unlocks lever.



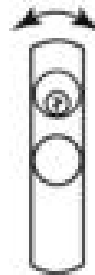
NL Function — Lever is locked when key is removed.



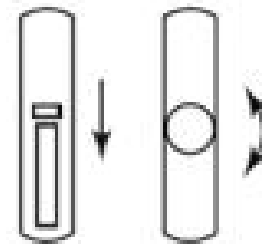
Blank Escutcheon — Lever always active. BE suffix, e.g., 371L-BE.



Standard Operation — Key locks and unlocks thumbpiece or knob.



Night Latch — Key retracts latch bolt, knob is rigid.



Blank Escutcheon — Knob or thumbpiece always active, use BE suffix, e.g., 880K-BE.

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GSDC INC.COM *for 25 years!*

GULF STATES DOOR CONTROL

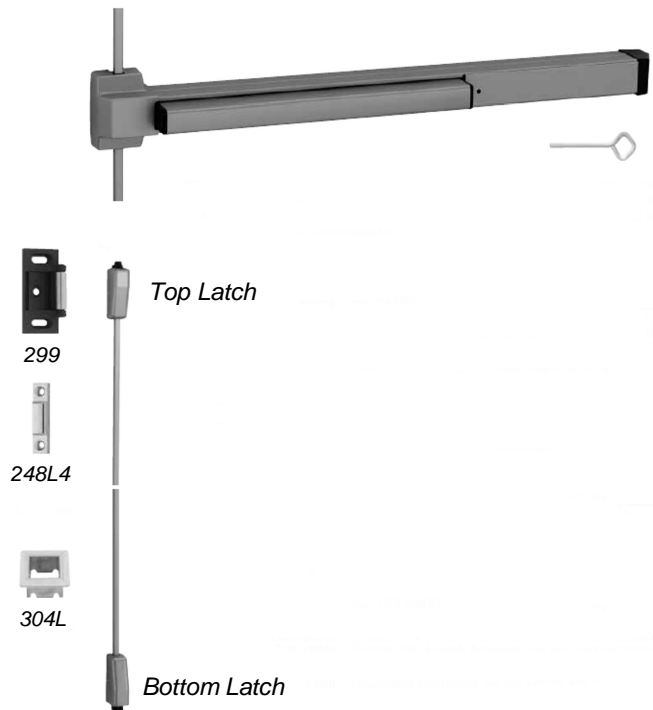
22 RIM DEVICE

22 rim exit device for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3, 2001, Grade 1. Covers stock hollow metal doors with 161 cutouts. Fits door stiles as narrow as 3 13/16" (97mm),



22 SURFACE VERTICAL ROD

2227 surface mounted vertical rod exit device for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3, 2001, Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. Fits door stiles as narrow as 3 5/8" (92mm)



22 SERIES TRIM



22DT
Dummy Trim
Pull when dogged



22NL
Night Latch
Key retracts latchbolt



22NL-OP
Night Latch
Key retracts latchbolt
Optional Pull required



22K
Knob
Key locks and unlocks



22L
Lever
Key locks and unlocks



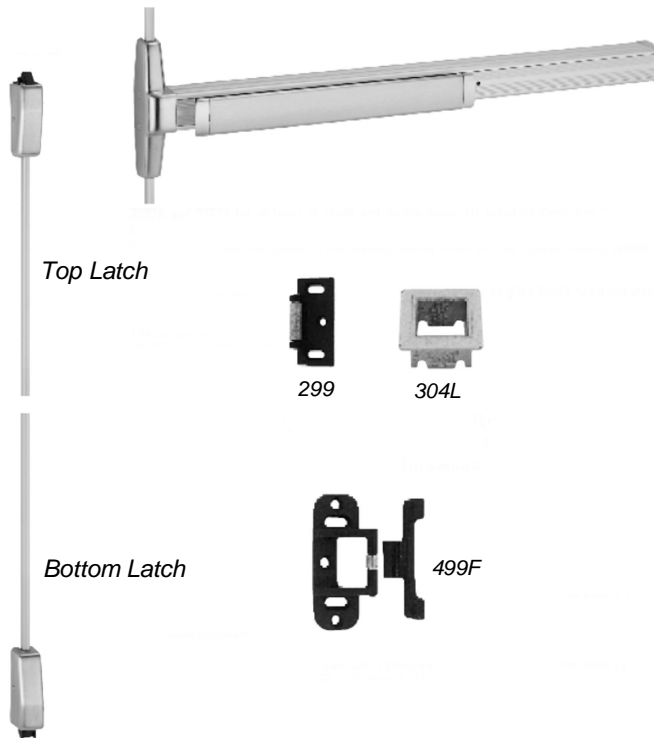
22TP
Thumbpiece
Key locks & unlocks

33/35 RIM DEVICE



33A and 35A for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 35A has a smooth mechanism case and the 33A has grooved case. The rim device is non-handed except when the SS (Signal Switch) option is used. 33A/35A fits door stiles as narrow as 1 ³/₄" (44mm). Newly designed device has a one piece center case cover. The 33A/35A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN.

33/35 SURFACE VERTICAL ROD



Top Latch

Bottom Latch

299

304L

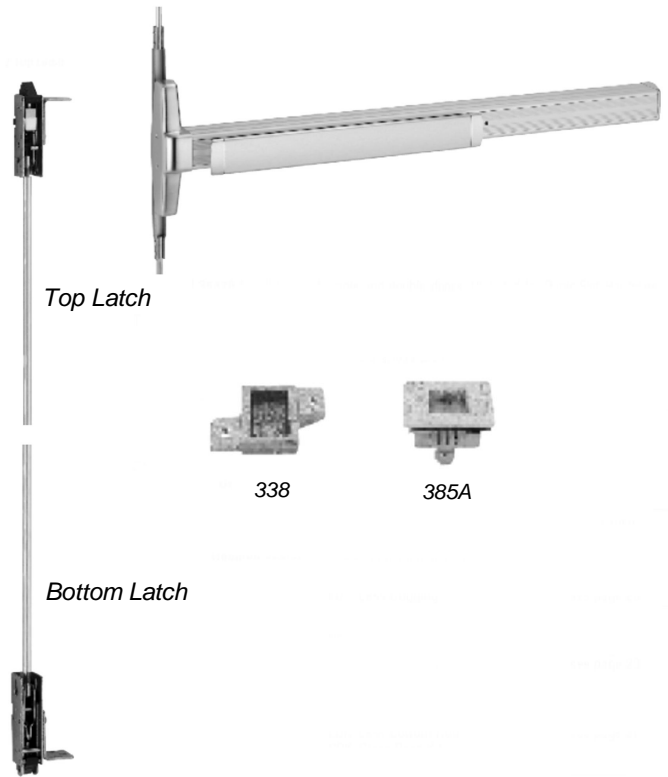
499F

3327A and 3527A for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 3527A has a smooth mechanism case and the 3327A has grooved case. The surface vertical rod device is non-handed except when the SS (Signal Switch) option is used. 3327A/3527A fits door stiles as narrow as 1 ³/₄" (44mm). Newly designed device has a one piece center case cover. The 3327A/3527A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN.

33/35 CONCEALED VERTICAL ROD

300
VON-DUPRIN

3348A and 3548A for all types of single and double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 3548A has a smooth mechanism case and the 3348A has grooved case. The concealed vertical rod device is non-handed except when the SS (Signal Switch) option is used. 3348A/3548A fits door stiles as narrow as 1 3/4"(44 mm). Newly designed device has a one piece center case cover. The 3348A/3548A devices are available in the following finishes; US3, US4, US10, US26, US26D, US28, 313AN and 315AN.



33/35 SERIES TRIM



33DT
Dummy Trim
Pull when dogged



33NL
Night Latch
Key retracts latchbolt



22NL-OP
Night Latch
Key retracts latchbolt
Optional Pull required



33L
Lever
Key locks and
unlocks



33L-BE
Lever
Blank Escutcheon



33TP
Thumbpiece
Key locks & unlocks



33TP-BE
Thumbturn
Blank Escutcheon



33TL
Thumbturn
Key locks & unlocks



33TL-BE
Thumbturn
Blank Escutcheon

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55 RIM DEVICE

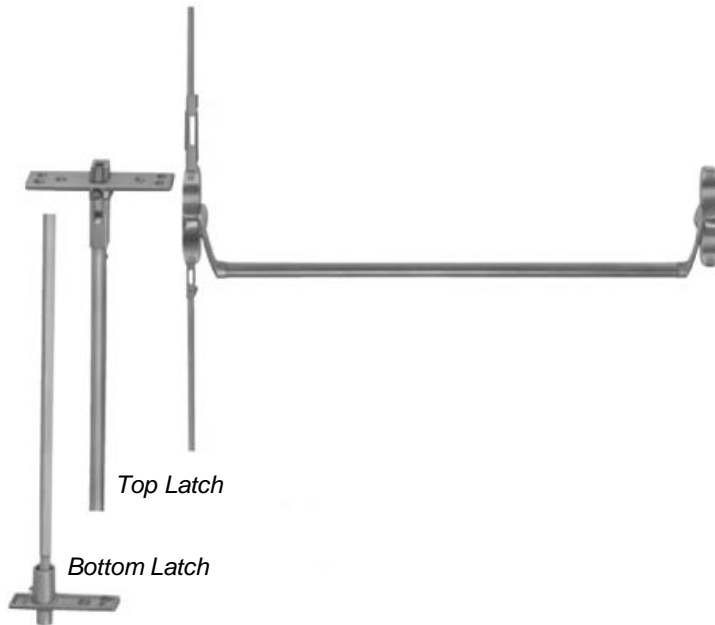


55 rim devices for all types of single and double doors with mullion, UL listed for accident hazard installations. Fits door stiles as narrow as 1-3/4" (44mm). Specify if 2-1/4" door.



1409

55 CONCEALED VERTICAL ROD



5547 concealed vertical rod devices for use on single or double metal doors. UL listed for accident hazard installations and fits door stiles as narrow as 1-3/4" (44mm). Specify if 2-1/4" door.

5547WDC concealed vertical rod devices for use on single or double wood doors. Fits door stiles as narrow as 4" (102mm).



471U 304L 338

55 SERIES TRIM



550DT



555NL



556NL



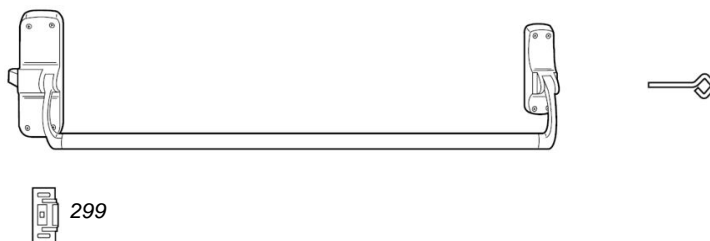
376T



371L

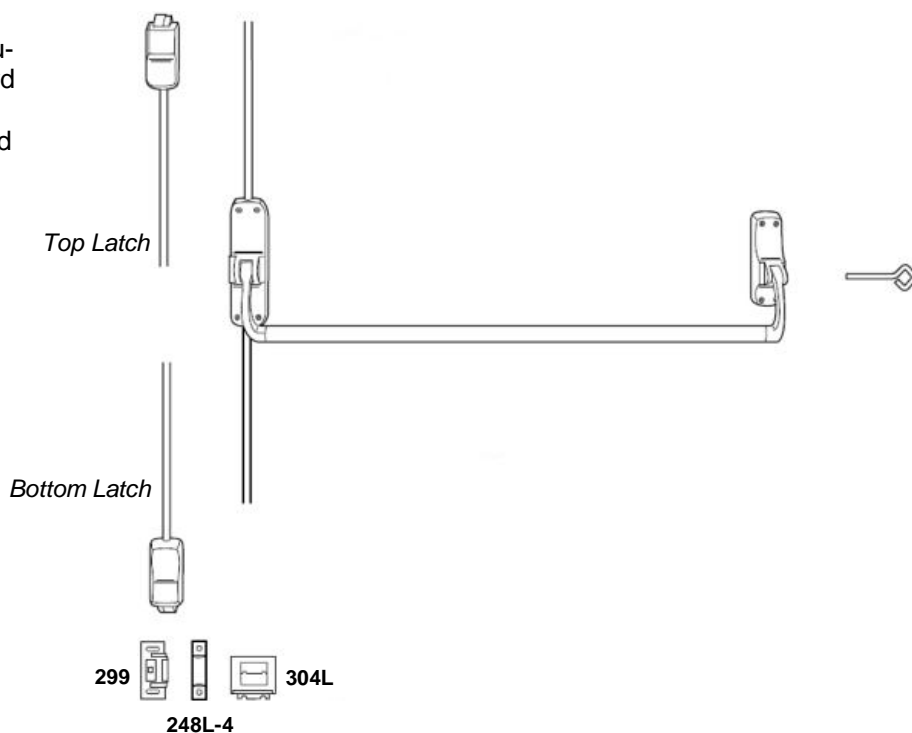
88 RIM DEVICE

88 rim devices for all types of single and double doors with mullion, UL listed for accident hazard installations. Covers stock hollow metal doors with 86 or 161 cut-outs.



88 SURFACE VERTICAL ROD

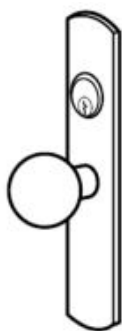
8827 surface mounted vertical rod devices for all types of single and double doors, UL listed for accident hazard installations. Covers stock hollow metal doors with 86 or 161 cutouts and fits door stiles as narrow as 3½" (90mm).



88 SERIES TRIM



880DT



880K



880NL



880TP



880EO



377T



373L

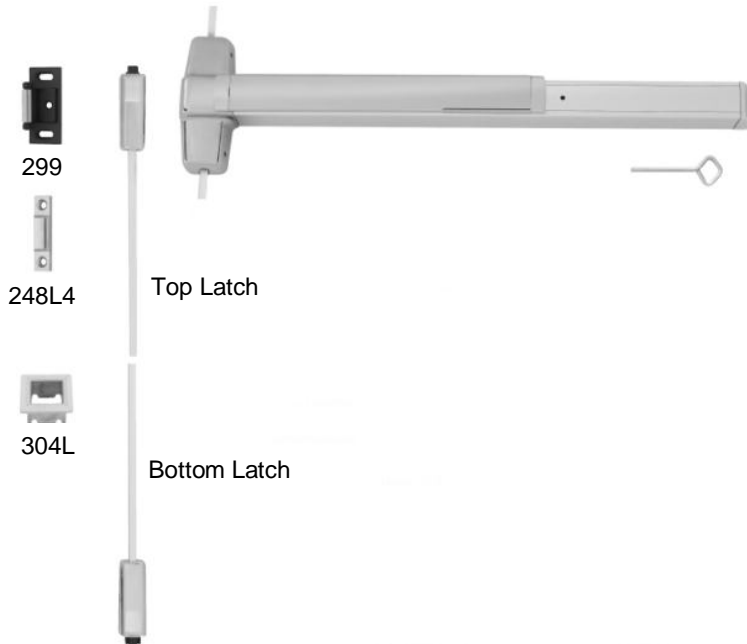


99 RIM DEVICE



98 and 99 rim exit devices for all types of single and double doors with mullion, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 98 device has a smooth mechanism case and the 99 device has a grooved case. The rim device is non-handed except when the following device options are used: SD (Special Dogging), -2 (Double Cylinder) or SS (Signal Switch). Covers stock hollow metal doors with 86 or 161 cutouts on single doors (may cover cutouts on pairs – consult template). The 98/99 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 98 device only.

99 SURFACE VERTICAL ROD



9827/9927 surface mounted vertical rod device for all types of single or double doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. Covers stock hollow metal doors with 86 or 161 cutouts. The 9827 device has a smooth mechanism case and the 9927 device has a grooved case. The surface vertical rod device is non-handed except when the following device options are used: SD (Special Dogging), or SS (Signal Switch). The 9827/9927 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9827 device only.

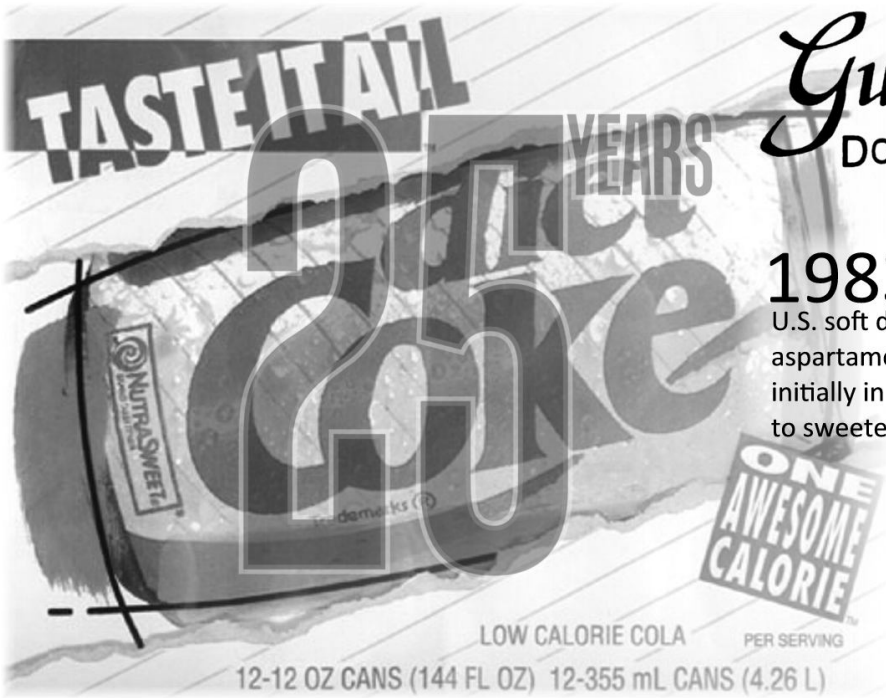
99 CONCEALED VERTICAL ROD

9847/9947 concealed vertical rod device for use on single or double metal doors, UL listed for Panic Exit Hardware. Devices are ANSI A156.3 – 2001 Grade 1. The 9847 device has a smooth mechanism case and the 9947 device has a grooved case. The concealed vertical rod device is non-handed except when the following device options are used: SD (Special Dogging), or SS (Signal Switch). The 9847/9947 devices are available in the following finishes: US3, US4, US10, US26, US26D, US28, 313AN, 315AN and US32D for the 9847 device only.



99 SERIES TRIM

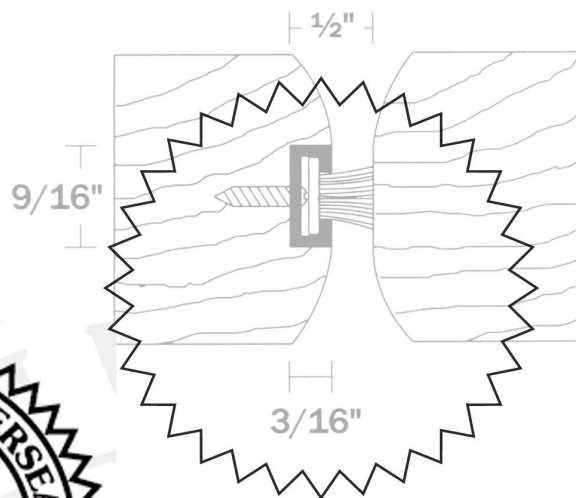
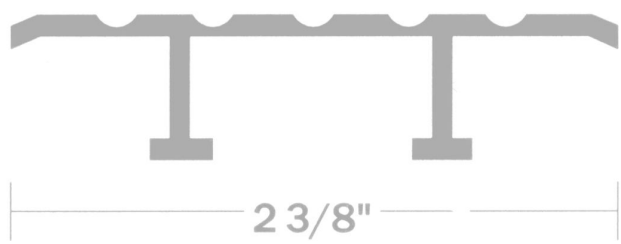




Gulf States
DOOR CONTROL ^{INC}
SINCE 1983

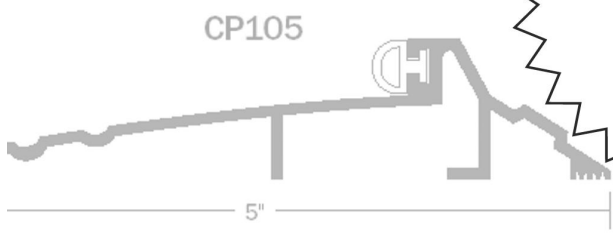
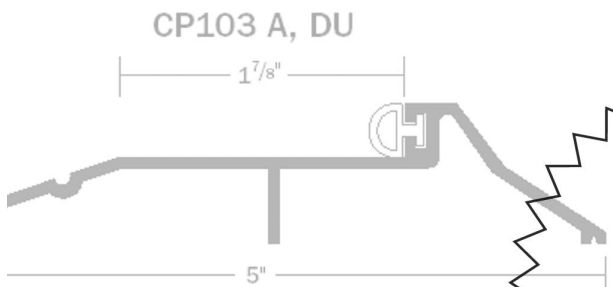
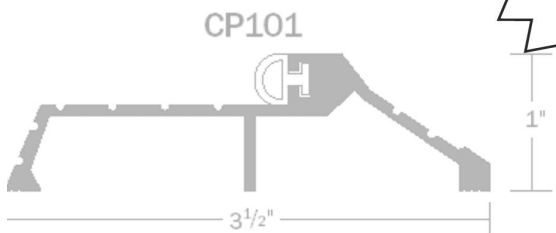
1983

U.S. soft drink makers begin using aspartame (trade named NutraSweet), initially in combination with saccharin, to sweeten diet beverages.



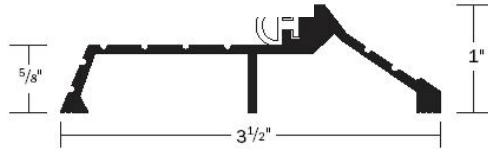
GSDC

Gulf States Door Control

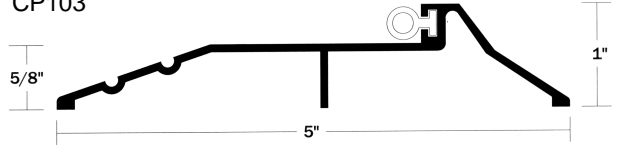


PANIC THRESHOLDS

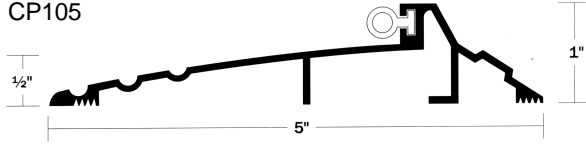
CP101



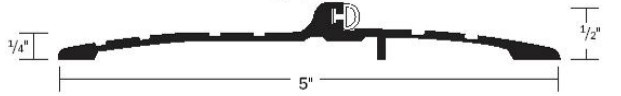
CP103



CP105



CP306



CP308



SADDLE THRESHOLDS (ADA)

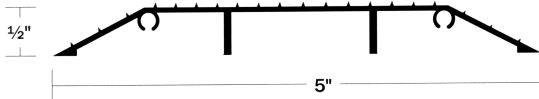
CP200



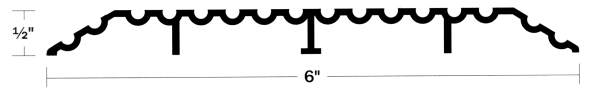
CP201



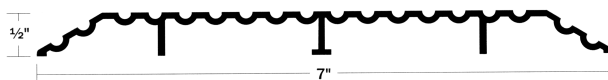
CP203



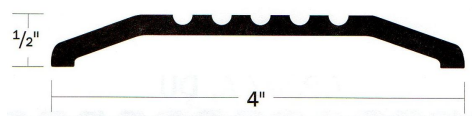
CP204



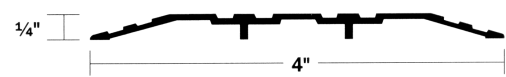
CP207



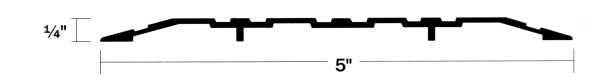
CP240



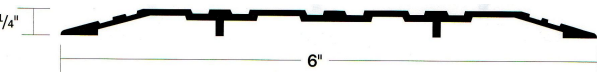
CP302



CP303



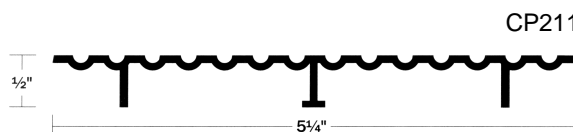
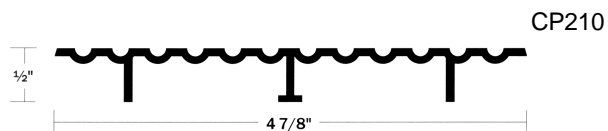
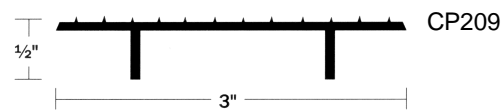
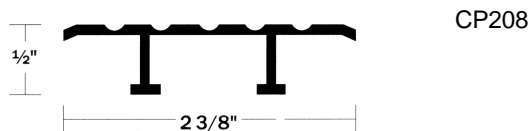
CP304



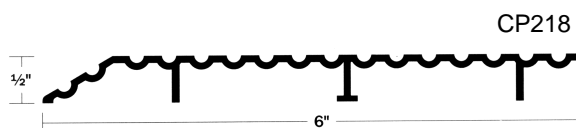
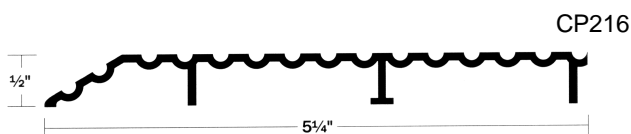
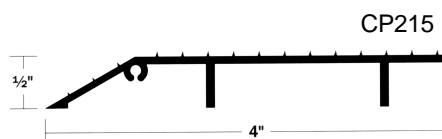
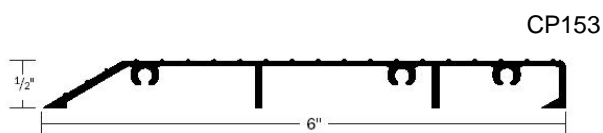
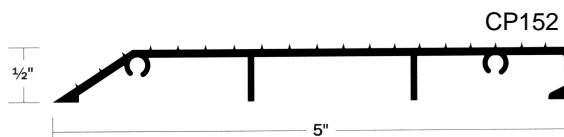
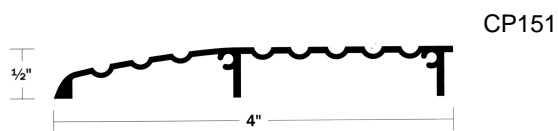
CP309



HARDWOOD/CARPET THRESHOLDS



TILE THRESHOLDS

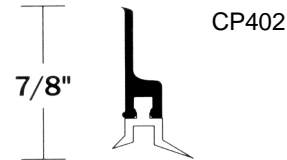
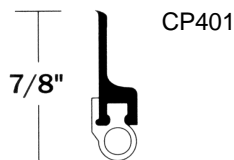


BUMPER SILLS



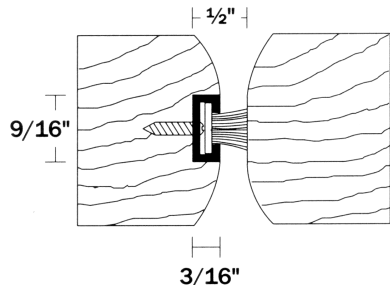
JAMB WEATHERSTRIPS

Rigid Jamb Weatherstrip
 Punched with slotted holes for adjustment.
 CP401 and CP402 now available with double faced tape.



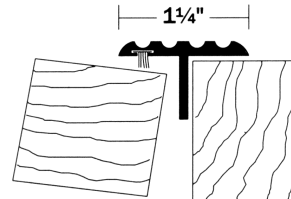
MEETING STILES

CP504AP

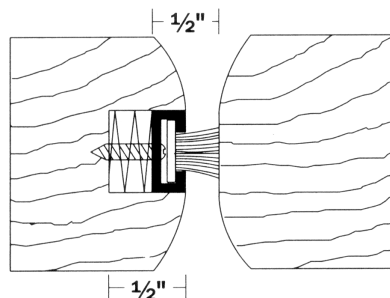


- Aluminum with Poly Pile
- Inserts Available
 - Gray Vinyl (GV)
 - Black Vinyl (BV)

CP510

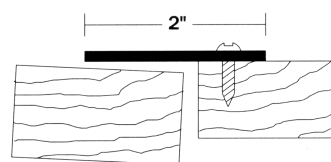


CP505AP

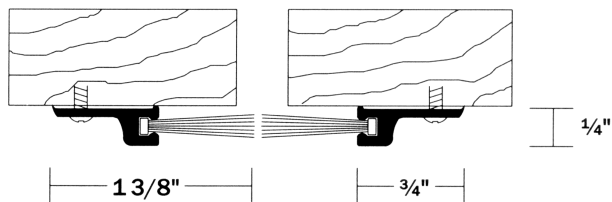


- Aluminum with Poly Pile
- Adjustable
- Inserts Available
 - Gray Vinyl (GV)
 - Black Vinyl (BV)

CP512

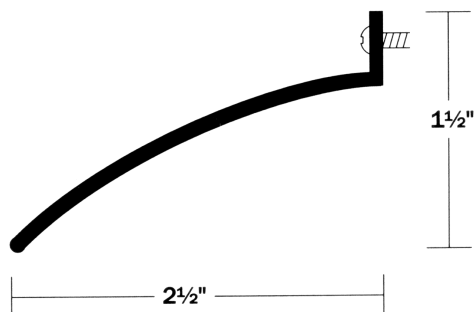


CP621

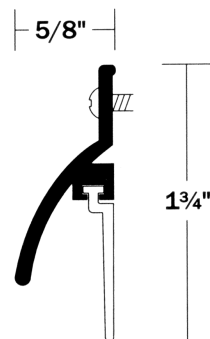


DRIP CAPS

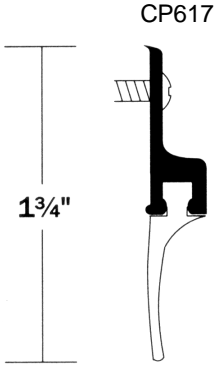
DC610



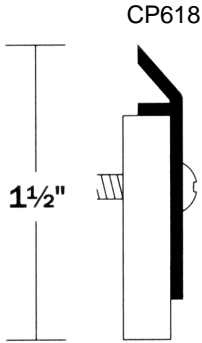
DC611



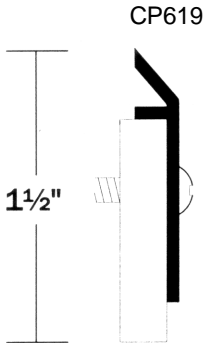
Gray or Black Vinyl insert available.



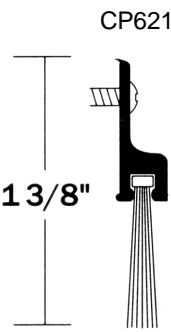
Gray or Black Vinyl Insert



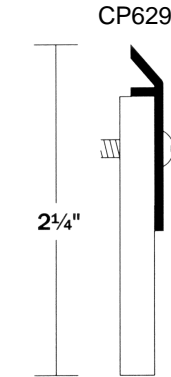
Aluminum with Solid Neoprene



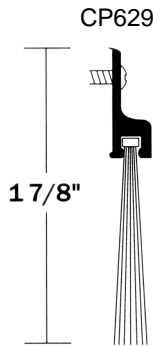
Aluminum with closed-cell low temp. Soft Neoprene



Aluminum with Pile Brush



Aluminum with Solid Neoprene



Aluminum with Pile Brush

25 YEARS



Gulf States
DOOR CONTROL **INC**
SINCE 1983

1983
.81 cents per gallon

FILLER UP!