

Series 1200— Exit Device



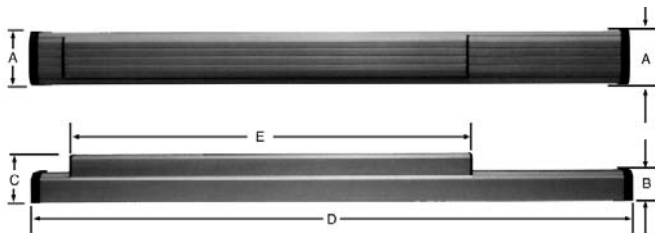
The 1200 Series Exit Device blends the reliability of the time-proven 10 Series Crossbar Device with the sleek, contemporary style of today's push-pad exit device. Available as both a Rim and Concealed Vertical Rod Device.

Features:

- Available for use with standard 1 3/4" and 2" thick doors
- Concealed Vertical Rod features top and bottom bolt design
- Rim device features 3/4" throw latchbolt
- "Soft Touch" smooth action push pad
- Easy access dogging system
- Durable external and internal components for long lasting, dependable service
- Easy to retrofit existing 10 series CVR devices
- Quick and simple installation
- Field sizeable

Materials & Finish:

Base Extrusion —	Extruded Aluminum
Push Pad —	Extruded aluminum
End Caps —	Black High-Impact Thermoplastic
Mechanical Components —	Steel
Top & Bottom Bolts —	Steel
Rim Latch —	Sintered Steel
Strikes —	Steel
Standard Anodized Finish —	Dark Bronze – 313 Satin Aluminum – US28/628

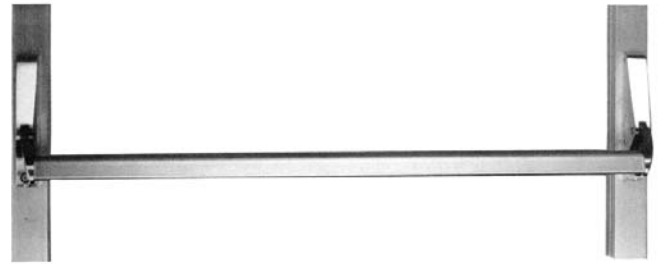


Description	inches
A = Base Height	3 3/16
B = Base Projection	1 1/16
C = Overall Projection	2 1/16
D = Overall Length	Varies with door size
E = Touch Pad Length	3/0 = 24 610 3/6 = 30 762 4/0 = 36 914

Part No.	Description
JAK 1285 313 LHR	-----Concealed Vert. Rod 36" x 84"
JAK 1285 313 RHR	-----Concealed Vert. Rod 36" x 84"
JAK 1285 628 LHR	-----Concealed Vert. Rod 36" x 84"
JAK 1285 628 RHR	-----Concealed Vert. Rod 36" x 84"
JAK 1295 313	-----Rim Exit Device 36"
JAK 1295 628	-----Rim Exit Device 36"

1085 Concealed Vertical Rod Panic Exit Device

Non-Handed



Features:

- Concealed fastening
- Trigger action positive release of hardened steel bolts
- Independent bolt action; 1/2" bolt throw
- Doors requiring entrance by key, use cylinder mounting pad JAK 30-821J
- Uses standard mortise cylinder, not furnished, with maximum security (MS) type cam
- Dual dogging features
 - a. By key in cylinder from outside
 - b. By dogging pins beneath housing

Usage:

Designed for use in 1 3/4" narrow stile aluminum doors. Also used with medium and wide stile doors.

Materials:

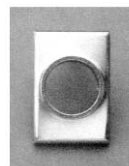
Body and Arm — High tensile strength aluminum.
Cross bar — Extruded aluminum.
Internal Parts — Stainless and plated steel.

Finishes:

Available in clear aluminum, simulated dark bronze.

Part No.	Description
JAK 1085 313	-----Concealed Vert. Rod 48" x 84"
JAK 1085 628	-----Concealed Vert. Rod 48" x 84"

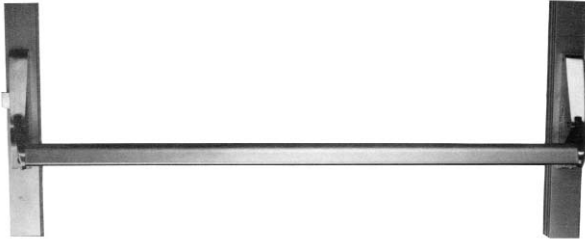
Cylinder Mounting Pad



JAK 30-821J 313
JAK 30-821J 628
Cylinder mounting pad with locking ring. For use with standard mortise cylinder for entrance by key.

JAK 1095 Rim Panic Exit Device

Handed — Not Reversible (LHRB shown)



Usage:

Single doors — Suitable for aluminum or hollow metal doors.

Materials:

Body and Arm — High tensile strength aluminum.
Cross bar — Extruded aluminum.

Finishes:

Available in clear aluminum and simulated dark bronze.

Features:

- Concealed fastening
- Extra-heavy duty lever arms and bodies
- Nylon bushings at arm pins
- Contoured cross bar
- Adjustable strikes
- Standard rim cylinder (not furnished) can be applied directly to door. No cylinder mounting pad necessary
- Dual dogging features
 - a. By key in cylinder from outside
 - b. By dogging pins beneath housing
- Dual Operating Functions:
 - a. Regular-key removable in unlocked position
 - b. Night latch-key removable in locked position only

Part No.	Description
JAK 1095 313 LHR -----	Rim Exit 48"
JAK 1095 313 RHR -----	Rim Exit 48"
JAK 1095 628 LHR -----	Rim Exit 48"
JAK 1095 628 RHR -----	Rim Exit 48"



JAK 30-2436-628 (Type "C")
Surface mounted. Narrow width for center and offset hung doors. Furnished as standard.

JAK 2085 Concealed Vertical Rod Panic Exit Device

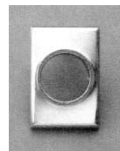
Handed — Not Reversible (LHRB shown)



Dimensions

- Active Housing — 7¹/₄" x 1¹/₄"
- Base Housing — 1³/₄" W x 2⁷/₈" H x required length
- Push Pad — 2³/₂" long
- Overall projection of device — 3"

Part No.	Description
JAK 2085 313 LHR -----	Concealed Vertical Rod 36" x 84"
JAK 2085 313 RHR -----	Concealed Vertical Rod 36" x 84"
JAK 2085 628 LHR -----	Concealed Vertical Rod 36" x 84"
JAK 2085 628 RHR -----	Concealed Vertical Rod 36" x 84"



JAK 30-821J-313
JAK 30-821J-628
Cylinder mounting pad. For use with standard mortise cylinder for entrance by key.

Flush Extension Bolt



Radius Face for Aluminum Doors.
Nylon Guide included.

- 4¹/₄ x 1⁵/₁₆"
- 5/8" Throw

Part No.
1/8" Backset:
JAK 5050 1/8-313
JAK 5050 1/8-628

Part No.
1/4" Backset:
JAK 5050 1/4-313
JAK 5050 1/4-628

DOOR CLOSERS

Concealed Overhead Closer Mechanism



JAK 20-330

Made in the USA. Guaranteed to be free from defects in materials and workmanship for a period of ten years from the date of original purchase. UL Listed. Patent pending.

Technical Information

Size: 3¹¹/₁₆" x 1¹/₂" x 1⁵/₈". Fits into a standard 1³/₄" x 4" aluminum header.

Action: Truly universal. One closer for single or double acting, center hung or offset and is not handed.

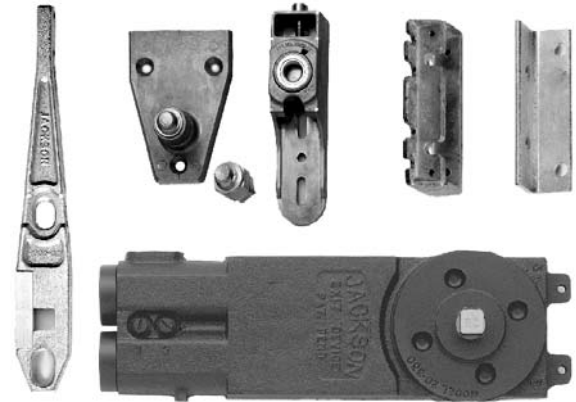
Flexibility: The most complete selection of arms, pivots, mounting brackets and other accessories in the industry.

Features:

- Dual valve control, both closing and latching speeds are adjustable. 90° or 105° swing, HO or NHO.
- Three fixed spring tensions:
 - LD – Light Duty
 - RD – Regular Duty
 - HD – Heavy Duty

Part No.	Description
JAK 20 105 HO ADJ-----	Closer Body 105°
JAK 20 105 HO HD-----	Closer Body 105°
JAK 20 105 HO LD -----	Closer Body 105°
JAK 20 105 HO RD -----	Closer Body 105°
JAK 20 105 NH ADJ-----	Closer Body 105°
JAK 20 105 NH HD -----	Closer Body 105°
JAK 20 105 NH LD-----	Closer Body 105°
JAK 20 105 NH RD -----	Closer Body 105°
JAK 20 90 HO ADJ -----	Closer Body 90°
JAK 20 90 HO HD-----	Closer Body 90°
JAK 20 90 HO LD -----	Closer Body 90°
JAK 20 90 HO RD -----	Closer Body 90°
JAK 20 90 NH ADJ-----	Closer Body 90°
JAK 20 90 NH HD-----	Closer Body 90°
JAK 20 90 NH LD -----	Closer Body 90°
JAK 20 90 NH RD -----	Closer Body 90°

Concealed Overhead Center-Hung Closer Package



JAK 21 101

1³/₄" Aluminum or Hollow Metal Doors with Aluminum Frames

JAK 21 101 is a basic part number for a wide range of center hung overhead door closer packages.

Kit Consists Of:

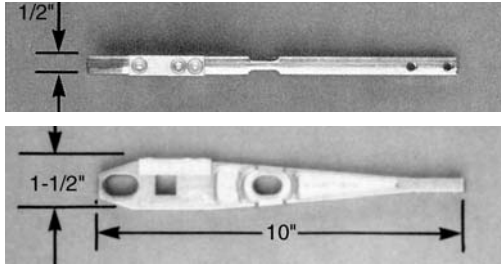
- Closer No. 20-330
- "D" Clip Package No. 20-219
- Arm No. 20-400B
- "G" Pivot No. 20-902
- All necessary screws and fasteners
- Other combinations of arm and bottom pivot available. Specify.

When Ordering:

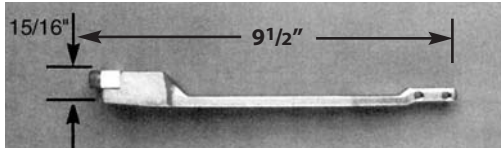
1. Specify JAK 21 101.
2. Specify Light (LD), Regular (RD), Heavy (HD) or (ADJ) Adjustable Closer.
3. Specify 90° or 105° Backstop.
4. Specify Hold-Open or Non-Hold-Open.

Part No.	Description
JAK 21 101 105 HO ADJ-----	Closer, Complete Package
JAK 21 101 105 HO HD-----	Closer, Complete Package
JAK 21 101 105 HO LD -----	Closer, Complete Package
JAK 21 101 105 HO RD -----	Closer, Complete Package
JAK 21 101 105 NH ADJ-----	Closer, Complete Package
JAK 21 101 105 NH HD-----	Closer, Complete Package
JAK 21 101 105 NH LD-----	Closer, Complete Package
JAK 21 101 105 NH RD -----	Closer, Complete Package
JAK 21 101 90 HO ADJ -----	Closer, Complete Package
JAK 21 101 90 HO HD -----	Closer, Complete Package
JAK 21 101 90 HO LD -----	Closer, Complete Package
JAK 21 101 90 HO RD -----	Closer, Complete Package
JAK 21 101 90 NH ADJ-----	Closer, Complete Package
JAK 21 101 90 NH HD-----	Closer, Complete Package
JAK 21 101 90 NH LD -----	Closer, Complete Package
JAK 21 101 90 NH RD -----	Closer, Complete Package

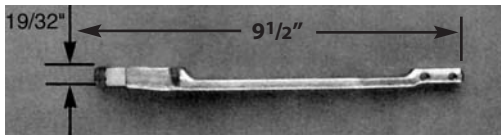
Overhead Center Hung Arms



JAK 20-400B
Side Load Arm for 1/2" Deep Web



JAK 20-2000
End Load Arm for 1" Deep Web



JAK 20-2085
End Load Arm for 5/8" Deep Web

Full Ball Bearing Center Hung Floor Pivots

Adjustable Bottom Pivot

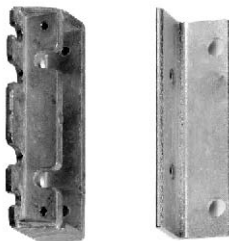


JAK 20-902 (Type G)

JAK 20-944 (Type GE)
For attachment to threshold

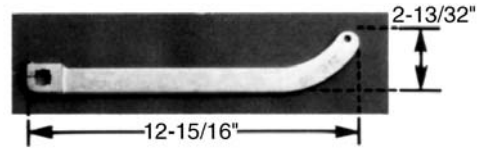
Mounting Brackets

"D" Clip Packages

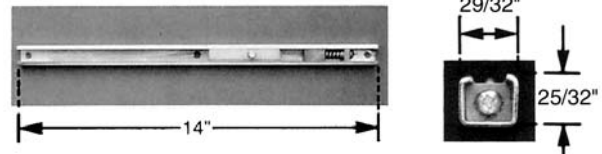
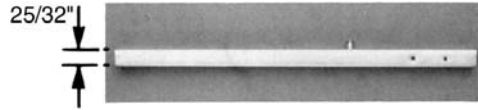


JAK 20-219

Offset Arms and Slide Channels



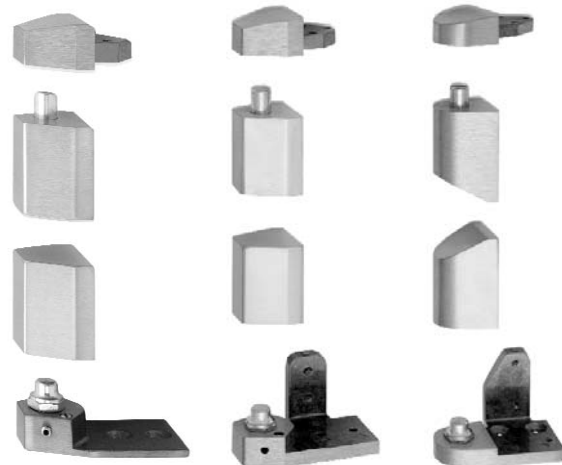
JAK 20-942-628



JAK 20-368

Note: Mortise and Surface Components are not interchangeable

Pivot Sets



JAK J27,28

JAK 30,31

JAK 40

Features:

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

Part No.	Description
JAK J27 628	Pivot, 3/4" offset flush mount Alum
JAK J28 628	Pivot, 3/4" offset 1/8" recessed Alum
JAK J30 628 LH	Pivot, 3/4" Offset flush mount LH Alum
JAK J30 628 RH	Pivot, 3/4" Offset flush mount RH Alum
JAK J31 628 LH	Pivot, 3/4" offset 1/8" recessed LH Alum
JAK J31 628 RH	Pivot, 3/4" offset 1/8" recessed RH Alum
JAK J40 628 LH	Pivot, 3/4" offset 1/8" recessed LH Alum
JAK J40 628 RH	Pivot, 3/4" offset 1/8" recessed RH Alum

Closer Operational Data

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

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

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

SPRING POWER ADJUSTMENT DATA

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

To change opening force 1 size takes approximately 4 turns

- Clockwise to increase
- Counter-clockwise to decrease