

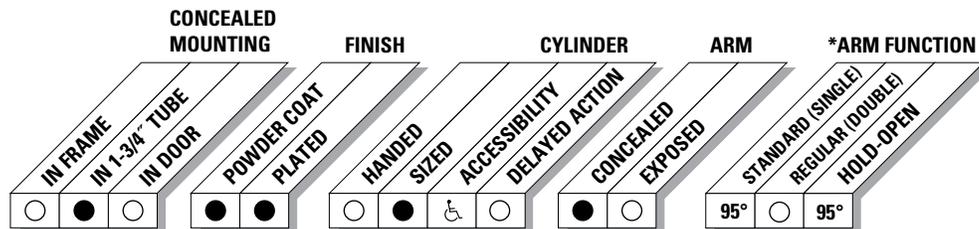


The concealed 6030 Series PACER® is a heavy duty, double acting closer designed to fit in a narrow, minimum 1-3/4" header. The single lever arm and roller assembly provides smooth, quiet door control and the choice of finishes and track functions meet virtually all architectural requirements. Installation at left illustrated with center pivot set (not included).

<b>Certifications</b>	Grade 1 - ANSI A156.4, UL 10 C, ADA, 100 Hour Salt Spray, Meets BAA - Buy American Act	<b>Fasteners</b>	Wood Screws and Torx Security Screws (optional)
<b>Body Construction</b>	<ul style="list-style-type: none"> <li>■ Cast Iron Body</li> <li>■ Full Complement Bearing</li> <li>■ 1-1/8" Diameter Piston</li> <li>■ 11/16" Diameter Double Heat Treated Pinion Journal</li> </ul>	<b>Mounting</b>	Concealed (in tube); double acting
<b>Fluid</b>	All Weather Fluid	<b>Arms</b>	Standard arm with track
<b>Handing</b>	Non-Handed	<b>Finishes/Colors/ Powder Coat</b>	<ul style="list-style-type: none"> <li>■ Aluminum (689)</li> <li>■ Statuary Bronze (690)</li> <li>■ Light Bronze (691)</li> <li>■ Black (693)</li> <li>■ Dark Bronze (695)</li> <li>■ Brass (696)</li> <li>■ Custom colors optional</li> </ul>
<b>Size</b>	Sized 1-5		<ul style="list-style-type: none"> <li>■ Optional SRI primer - powder coat only</li> <li>■ Optional plated finishes</li> </ul>
<b>Warranty</b>	15 years		

**Special Templates**

Customized installation templates or products may be available to solve unusual applications. Contact LCN Product Support for assistance.



● AVAILABLE  
○ NOT AVAILABLE

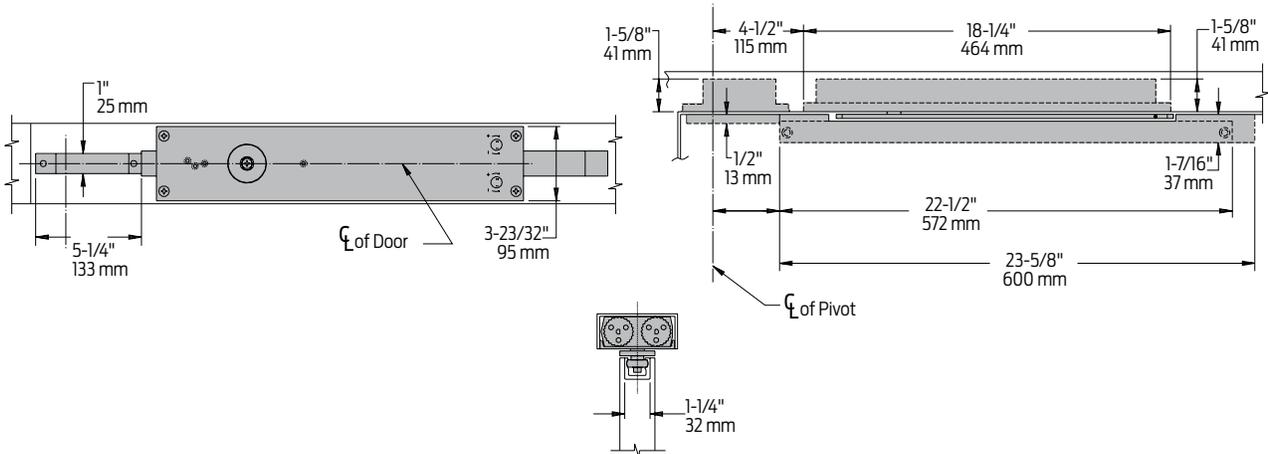
♿ Closer available with less than 5.0 lbs. opening force on 36" door.

\* Maximum opening/hold-open point with standard template. See individual closer series for degrees of opening per installation.

# 6030 Series

## Mounting details

### Concealed Mounting



<b>Auxiliary Stop</b>	Recommended where a door cannot swing 95°
<b>Center Pivot Set</b>	Must be used but ordered separately
<b>Door Width</b>	30" (762 mm) minimum with 1-3/4" (44 mm) pivot centers
<b>Top Rail</b>	<ul style="list-style-type: none"> <li>■ 1-7/16" (36 mm) mortise required</li> <li>■ 3/8" (10 mm) cutout required at top of the door, both sides.</li> </ul>
<b>Door Thickness</b>	1-3/4" (44 mm) minimum
<b>Centering Adjustment</b>	Centering is provided by rotating the track roller to center the door in the opening.
<b>Wood Frame</b>	<ul style="list-style-type: none"> <li>■ Installation simplified by WOOD MOUNTING CLIP SET, 6030-416</li> <li>■ Consult product support for special template</li> </ul>
<b>Maximum opening</b>	<ul style="list-style-type: none"> <li>■ Center pivot template allows 95°</li> <li>■ Adjustable hold-open points from 85° to 95°, with hold-open track</li> </ul>

**Notes:**

- For interior or exterior doors
- Double acting cylinder in cased frame
- Concealed arm and track in door top rail
- Center pivots only

### Cylinder



#### 6031(2)(3)(4)(5)-3071 Cast Iron Cylinder Assembly

- Non-handed
- With mounting plate
- Standard

### Arm



#### 6030-3077T Standard Arm

- Non-handed
- 5/16" (8 mm) thick arm
- Track roller not included with arm

### Tracks



#### 6030-3038B Standard Track with Bumper

- Non-handed
- Non hold-open
- Will accept hold-open clip
- Standard



#### 6030-3038HB Hold-Open Track with Bumper

- Non-handed
- Optional

### Installation Accessories



#### 6030-416 Wood Mounting Clip Set

- Simplifies mounting closer in wood frame
- Includes latch stile clip, hinge stile clip, and cover
- For use with Ives Series center pivots
- Consult factory for special template



#### 6030-169 Track Bumper

- Mounts in track to assist backcheck
- Limits maximum opening
- Consists of bumper, bumper post, and mounting screw

*NOTE: Track bumper does not replace auxiliary stop.*



#### 6030-3054 Hold-Open Clip

- Mounts in track to provide hold-open function
- Hold-open point controlled by clip location
- Requires 6030-3034H Hold-Open Track Roller



#### 6030-3034 Track Roller

- Quiet, low friction roller assembly includes eccentric with 3/4" (19 mm) adjustment to center 36" (914 mm) door



#### 6030-3034H Hold-Open Track Roller

- Hold-open roller
- Quiet, low friction roller assembly

### How-to-order 6030 Series closers

#### Select cylinder size

- 6031
- 6032
- 6033
- 6034
- 6035

#### Specify finish

- Standard Powder Coat \_\_\_\_\_  
Aluminum, Dark Bronze, Statuary, Light Bronze, Black, Brass

#### Closer will be shipped with:

- Standard cylinder with mounting plate
- Standard arm
- Standard track with bumper
- Wood and machine screw pack unless options listed below are selected.

### Closer options

#### Track

- Hold-open with Bumper (HBUMPER)

#### Finishes

- Custom Powder Coat (RAL) \_\_\_\_\_
- Plated Finish, US \_\_\_\_\_
- SRI primer (use with powder coat finishes only)

#### Installation accessories

- Wood Clip Set, 6030-416

#### Screw pack

- TORX Machine Screw (TORX)

#### Special template

- ST- \_\_\_\_\_

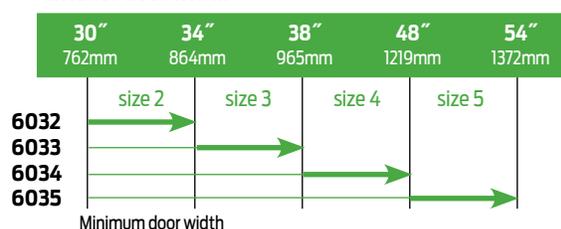
### Table of sizes

- Select closer based on width of door
- 6030 Series cylinders available in size 1, 2, 3, 4, or 5
- Closing power of all 6030 Series closers may be increased 35%
- Specify next higher size closer where strong drafts exist

#### Exterior (and Vestibule) door width



#### Interior door width



→ Indicates recommended range of door width for closer size.  
Note: Minimum door width 28" (711 mm).

### Reduced opening force 6030 Series closers

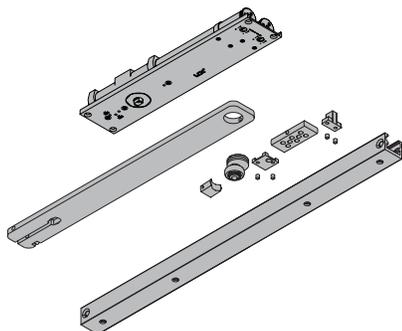
**CAUTION!** Any manual door closer, including those certified by BHMA to conform to ANSI Standard A156.4, that is selected, installed and adjusted based on ADA or other reduced opening force requirements may not provide sufficient power to reliably close and latch a door.

Refer to POWER OPERATORS section for information on systems that meet reduced opening force requirements without affecting closing power.

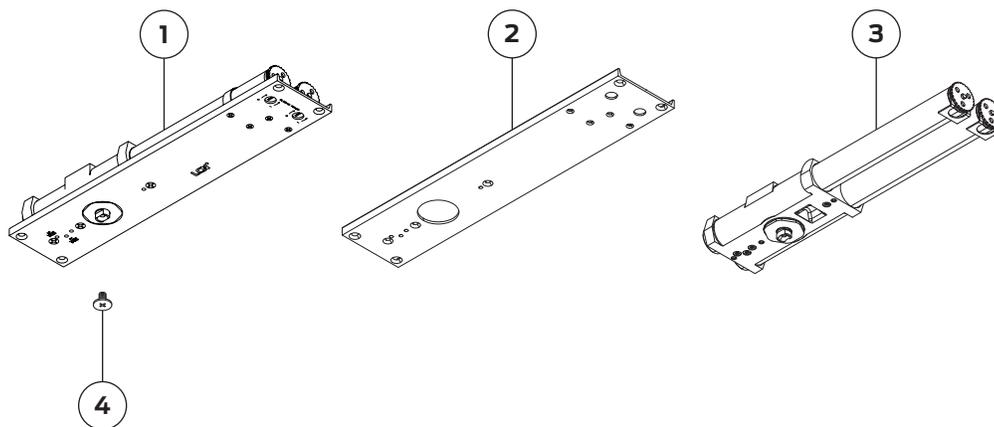
\* Maximum opening force.

	DOOR WIDTH	36"	42"	48"
	8.5* lbs.	6033	6034	6035
5.0* lbs.	6031	6032	6032	

# 6030 Series "Pacer"



## Cylinder & Cover Parts

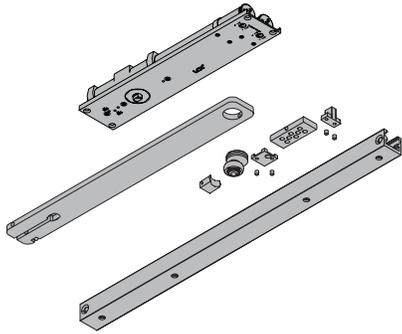


No.	Description	Part number
1	Cylinder Assembly (F)(S)	6031(2-5)-3071
2	Finish Plate (F)	6030-3002
3	Cylinder Only (F)(S)	6031(2-5)-3971

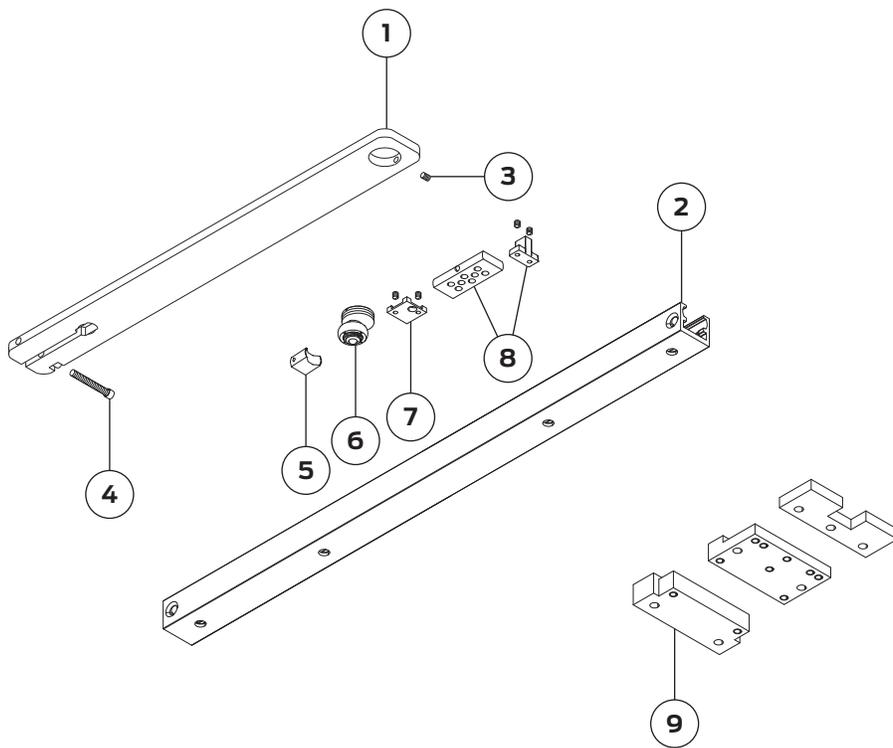
No.	Description	Part number
4	Arm Screw (F)	6030-159
5	Screw Pack (incl -3034)[Not Shown](F)	6030-WMS
6	Screw Pack (incl -3034)[Not Shown](F)	6030-TORX

Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN price book.

# 6030 Series "Pacer"



## Arm Assemblies & Parts



No.	Description	Part number
1	Standard Arm (F)	6030-3077T
2	Track w/Bumper (F)	6030-3038B
2	Track w/Hold Open & Bumper (F)	6030-3038HB
3	Roller Lock Screw (F)	6030-425
4	Arm Screw (F)	6030-83
5	Snubber	6030-157

No.	Description	Part number
6	Track Roller	6030-3034
6	Hold Open Track Roller	6030-3034H
7	Hold-Open Clip	6030-3054
8	Track Bumper	6030-169
9	Wood Clip Set (F)	6030-416

Please specify finish (F), size (S), hand (H), & voltage (V) where indicated. See the latest edition of the LCN catalog for part descriptions and specifications on many of the items shown above. List prices for items shown above can be located in the current LCN price book.