Overview
Designed for maximum versatility, the 1460, available with multiple cover options, can be used for both commercial and institutional applications. This fully universal closer offers a wide variety of options and fast and accurate installation.

Cylinder
1461-3071
Cast iron cylinder assembly

Handing    Sizing
Non-handed Adjustable spring size 1-6

Includes patented Green Dial

Mounting
Hinge (pull side)     Top jamb (push side)

Parallel arm (push side)
Finishes

**Powder coat finishes**

<table>
<thead>
<tr>
<th>Code</th>
<th>Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>689</td>
<td>Aluminum</td>
</tr>
<tr>
<td>690</td>
<td>Statuary Bronze</td>
</tr>
<tr>
<td>691</td>
<td>Light Bronze</td>
</tr>
<tr>
<td>693</td>
<td>Black</td>
</tr>
<tr>
<td>695</td>
<td>Dark Bronze</td>
</tr>
<tr>
<td>696</td>
<td>Brass</td>
</tr>
</tbody>
</table>

150+ additional custom colors available using the RAL numbering system.

Available finish options

<table>
<thead>
<tr>
<th>Code</th>
<th>Finish Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTLPC</td>
<td>Brite metallic: Custom powder coat finish, which resembles that of US26 or US26D plated finish.</td>
</tr>
<tr>
<td>SRI</td>
<td>For installations where a higher level of protection against weather conditions, or the effects of a potentially corrosive atmosphere is required, LCN offers a special rust inhibiting (SRI) process. Ferrous metal components receive an SRI pretreatment and a standard powder coat finish of your choice, or a custom powder coat finish for a nominal additional cost. Closers treated with the SRI process exceed the 100 hour protection level available with standard LCN powder coated finishes.</td>
</tr>
</tbody>
</table>

Covers

**Standard cover**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1460-72</td>
<td>Slim line plastic cover</td>
</tr>
<tr>
<td></td>
<td>Non-handed</td>
</tr>
</tbody>
</table>

**Optional covers**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1460-72FC</td>
<td>Full plastic cover</td>
</tr>
<tr>
<td></td>
<td>Non-handed</td>
</tr>
<tr>
<td></td>
<td>Optional</td>
</tr>
<tr>
<td>1460-72DS</td>
<td>Designer series metal cover</td>
</tr>
<tr>
<td></td>
<td>Non-handed</td>
</tr>
<tr>
<td></td>
<td>Provides complete enclosure with a stylish look</td>
</tr>
<tr>
<td></td>
<td>Required for plating and custom powder coat option</td>
</tr>
<tr>
<td></td>
<td>Optional</td>
</tr>
</tbody>
</table>
Arms

### 1460-3077

**Regular arm**
- Non-handed
- Mounts hinge side or top jamb
- P1460 closer includes PA SHOE, 1460-62PA required for parallel arm mounting

### 1460-3077L

**Long arm**
- Non-handed
- Includes LONG ROD AND SHOE, 1460-79LR for top jamb mount with deep reveals
- Optional

### 1460-3077HD

**Heavy duty regular arm**
- Non-handed
- Mounts hinge side, top jamb or parallel arm
- Optional

### 1460-3077HDL

**Heavy duty long arm**
- Non-handed
- Includes long rod and shoe, 1460-79LR for top jamb mounts with deep reveals
- Optional

### 1460-3049

**Hold-open arm**
- Non-handed
- Mounts hinge side, top jamb or parallel arm (62PA required)
- Hold-open adjustable at shoe
- Optional

### 1460-3049L

**Long hold-open arm**
- Non-handed
- Includes LONG HEAD AND TUBE, 1460-3048L for top jamb mount with deep reveals
- Optional

### 1460-3077EDA

**Extra duty arm**
- Non-handed
- Features solid forged steel main and forearm for potentially abusive installations
- Optional 1460-3077EDA/62G for blade stop clearance

### 1460-3077EDA/62G

**Extra duty arm with 62G**
- Non-handed
- Features solid forged steel main and forearm for potentially abusive installations

### 1460-3049EDA

**Hold-open extra duty arm**
- Handed
- Provides hold-open function adjustable at shoe
- Optional

### 1460-3077CNS

**Cush-n-Stop® Arm**
- Non-handed
- Features solid forged steel main arm and forearm with stop in soffit shoe
- Optional

### 1460-3049CNS

**HCUSH Arm**
- Non-handed
- Provides hold-open function with templated stop/hold-open points
- Handle controls hold-open function
- Optional

### 1460-3077SCNS

**Spring CUSH arm**
- Non-handed
- For abusive applications features solid forged steel main arm and forearm with spring loaded stop in the soffit shoe
- Optional
1460 Series

Arms

1460-3049SHCNS
Spring HCUSH arm

- Non-handed
- For abusive applications features solid forged steel main arm and forearm with spring loaded stop in the soffit shoe. Handle controls hold-open function
- Optional
Installation accessories

1460-18 Plate
- Required for hinge side mount where top rail is less than 2-1/2” (64 mm)
- Required for top jamb mounting where head frame is less than 1-3/4” (44 mm) or flush ceiling condition exists
- Requires minimum 1-1/2” (38 mm) minimum top rail or 1-1/4” (32 mm) head frame
- With full cover, use plate 1460-18FC
- With Designer Series metal cover use plate 1460-18DS1

1460-18DS1 Plate
- Required for hinge side mount where top rail is less than 2-1/2” (64 mm)
- Required for top jamb mounting where head frame is less than 1-3/4” (44 mm) or flush ceiling condition exists
- Requires minimum 1-1/2” (38 mm) minimum top rail or 1-1/4” (32 mm) head frame
- For use with Designer Series metal cover
- Will not work in top jamb application

1460-18FC Plate
- Required for hinge side mount where top rail is less than 2-1/2” (64 mm)
- Required for top jamb mounting where head frame is less than 1-3/4” (44 mm) or flush ceiling condition exists
- Requires minimum 1-1/2” (38 mm) minimum top rail or 1-1/4” (32 mm) head frame
- For use with full cover
- With Designer Series metal cover
- Will not work in top jamb application

1460-18PA Plate
- Required for parallel arm mounting where top rail is less than 4-3/8” (111 mm), measured from the stop
- Requires 1-3/4” (44 mm) minimum top rail
- With full cover, use plate 1460-18PAFC
- With Designer Series metal cover, use plate 1460-18PADS1

1460-18PADS1 Plate
- Required for parallel arm mounting where top rail is less than 4-3/8” (111 mm), measured from the stop
- Requires 1-3/4” (44 mm) minimum top rail
- With full cover, use plate 1460-18PAFC
- For use with Designer Series metal cover

1460-18PAFC Plate
- Required for parallel arm mounting where top rail is less than 4-3/8” (111 mm), measured from the stop
- Requires 1-3/4” (44 mm) minimum top rail
- For use with full cover
- With Designer Series metal cover, use plate 1460-18PADS1

1460-30 Cush shoe support
- Provide anchorage for fifth screw used with CUSH arm where reveal is less than 3-1/16” (78 mm)

1460-30A Mounting bracket
- Bracket to be used when installing cylinder body
- Included with cylinder when ordered
Installation accessories

1460-61
Blade stop spacer
- Lowers parallel arm shoe to clear 1/2” (13 mm) blade stop

1460-62A
Auxiliary shoe
- Requires a top rail of 7” (178 mm)
- Optional shoe replaces -62PA for parallel arm mounting of regular arm with overhead holder/stop

1460-419
PA flush panel adapter
- Provides horizontal mounting surface for PA, EDA, or CUSH shoe on single rabbeted or flush frame

1460-62PA
PA shoe
- Required for parallel arm mounting

Fasteners
Self-reaming and tapping screws included standard

Fastener pack options

<table>
<thead>
<tr>
<th>Fastener</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TBSRT</td>
<td>TB¹ with self-reaming and tapping screws</td>
</tr>
<tr>
<td>WMS</td>
<td>Wood and machine screw</td>
</tr>
<tr>
<td>TBWMS</td>
<td>TB¹, wood and machine screw</td>
</tr>
<tr>
<td>TORX</td>
<td>TORX machine screw</td>
</tr>
<tr>
<td>TBTORX</td>
<td>TB¹ and TORX machine screw</td>
</tr>
</tbody>
</table>

¹ Specify door thickness if other than 1-3/4”
Dimensions and mounting

**Hinge (pull) side mounting**

Hinge (pull) side mounting with dimensions and mounting options for the 1460 Series.

**Top jamb (push side) mounting**

Top jamb (push side) mounting with dimensions and mounting options for the 1460 Series.
### Dimensions and mounting

#### Parallel arm (push side) mounting

![Diagram of Parallel arm (push side) mounting with dimensions and mounting details.

#### EDA mount

![Diagram of EDA mount with dimensions and mounting details.

#### CUSH

![Diagram of CUSH with dimensions and mounting details.

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**References:**

- **LCN:** Surface mounted closer
- **1460 Series**
- **Dimensions and mounting**
- **Parallel arm (push side) mounting**
- **EDA mount**
- **CUSH**
## Specifications

<table>
<thead>
<tr>
<th>Accessibility</th>
<th>Available with less than 5.0 lbs. opening force on 36” door</th>
</tr>
</thead>
</table>
| Certifications/approvals | - Grade 1 - ANSI A156.4  
- UL 10C  
- Meets BAA - Buy American Act |
| Degree of operation | Hinge (pull) side  
Max opening: 180°  
Hold open: 180°  
Top jamb (push side) mount  
Max opening: 180°  
Hold open: 120°  
Parallel arm with 62PA  
Max opening: 180°  
Hold open: 180°  
EDA  
Max opening: 110°  
Hold open: 110°  
Cush  
Max opening: 100°  
Hold open: 100° |
| Environmental conditions | - Approved for interior use  
- Approved for exterior use (SRI coated only)  
- LCN’s standard all weather fluid performs to temperature ranges from 120°F (49°C) to -30°F (-35°C)  
- LCN’s powder coat finish surpasses 100 hours of salt spray which is over four times the ANSI standard for corrosion resistance. |
| Warranty | 30 years |
| Standard features | - Cast iron body  
- Full complement bearing  
- 1-1/4” diameter piston  
- 5/8” diameter single heat treated pinion journal |