R4 Rotary Latch
Micro · Concealed · Single and two stage

- Ideal for space limited applications
- Compatible with wide array of actuators
- Integrated bumper for anti-vibration feature

Material and Finish
Steel, zinc plated or 304 stainless steel, passivated

Performance Details
Average ultimate load: 2600 N (590 lbf)

Installation Notes
See page 259

Accessories
Cables and retainer clips see pages 272-275

Notes
Electromechanical rotary latch available see page 23

Part Number Selection

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4-90-0521-10</td>
<td>Striker bolt</td>
</tr>
<tr>
<td>R4-0-61336</td>
<td>Molded striker</td>
</tr>
<tr>
<td>R4-0-61352</td>
<td>Wire form striker</td>
</tr>
</tbody>
</table>

Single Stage - Hand Actuation, Integrated Bumper

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4-05-S1-L05-M</td>
<td></td>
</tr>
</tbody>
</table>

Two Stage - Bottom, Integrated Bumper

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4-05-S1-L05-M</td>
<td></td>
</tr>
</tbody>
</table>

Dimensions in millimeters (inch) unless otherwise stated
**R4 Rotary Latch**  
Mini · Concealed · Single and two stage  

- Single or multi-point latch capability  
- Compatible with wide array of actuators  
- EN 45545-3 E60 Compliant (Standard version only)  
- Integrated bumper version for anti-vibration feature  

### Material and Finish  
Steel, zinc plated or 304 stainless steel, passivated  

### Performance Details  
Average ultimate load: 3600 N (800 lbf)  

### Installation Notes  
See page 259  

### Accessories  
Striker bolts for standard version and integrated bumper version are different. See page 259 for both versions.  
Cables and retainer clips see pages 272-275  

### Notes  
Electromechanical rotary latch available see page 23  

### Part Number Selection  

<table>
<thead>
<tr>
<th>Stage &amp; Actuation</th>
<th>Lever Type</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Single stage, right hand</td>
<td>1 Perpendicular</td>
<td>10 Steel</td>
</tr>
<tr>
<td>2 Single stage, left hand</td>
<td>2 In-Line</td>
<td>20 Stainless steel</td>
</tr>
<tr>
<td>3 Two stage, right hand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Two stage, left hand</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Single Stage - Perpendicular** (left hand actuation shown)  

**Integrated Bumper Version** (dimensions same as standard version except as shown)  

**Single Stage - In-Line** (left hand actuation shown)  

**Integrated Bumper Version** (dimensions same as standard version except as shown)
**R4 Rotary Latch**

**Mini · Concealed · Single and two stage**

- **Single or multi-point latch capability**
- **Compatible with wide array of actuators**
- **EN 45545-3 E60 Compliant (Standard version only)**
- **Integrated bumper version for anti-vibration feature**

**Material and Finish**
Steel, zinc plated or 304 stainless steel, passivated

**Performance Details**
- Average ultimate load:
  - 3600 N (800 lbf)

**Installation Notes**
See page 259

**Accessories**
- Striker bolts for standard version and integrated bumper version are different. See page 259 for both versions.
- Cables and retainer clips see page 272-275

**Notes**
- Electromechanical rotary latch available see page 23

---

**Part Number Selection**

- **Stage & Actuation**
  1. Single stage, right hand
  2. Single stage, left hand
  3. Two stage, right hand
  4. Two stage, left hand

- **Mounting Style**
  0. Ø7.2 (.283) thru
  1. 1/4-20 thread
  2. M6 x 1 thread

- **Base Style**
  1. Standard
  2. Integrated bumper version

- **Lever Type**
  3. Two point
  4. Hand actuation

- **Material**
  10. Steel
  20. Stainless steel

**Dimensions**
Dimensions in millimeters (inch) unless otherwise stated

**www.southco.com/R4**
R4 Rotary Latch
Mini · Concealed · Single and two stage

- Single or multi-point latch capability
- Compatible with wide array of actuators
- EN 45545-3 E60 Compliant (Standard version only)
- Integrated bumper version for anti-vibration feature

Material and Finish
Steel, zinc plated or 304 stainless steel, passivated

Performance Details
Average ultimate load:
3600 N (800 lbf)

Installation Notes
See page 259

Accessories
Striker bolts for standard version and integrated bumper version are different. See page 259 for both versions.
Cables and retainer clips see pages 272-275

Notes
Electromechanical rotary latch available see page 23

Part Number Selection

Dimensions in millimeters (inch) unless otherwise stated
**R4 Rotary Latch**

**Mini · Concealed · Dual Trigger · Single and two stage**

**Single Stage - Dual Trigger - Bottom**
(left hand actuation shown)

- Trigger
- Ø 6.4±0.1 (.25±.009)
- 2 x Mounting holes
- Cam
- Housing
- Panel

**Single Stage - Dual Trigger - Top**
(left hand actuation shown)

- Trigger
- Ø 6.4±0.1 (.25±.004)
- 2 x Mounting holes
- Cam
- Housing
- Panel

**Integrated Bumper Version**
(dimensions same as standard version except as shown)

- Lever
- Panel
- Striker bolt assembly (sold separately)

**Integrated Bumper Version**
(dimensions same as standard version except as shown)

- Lever
- Panel
- Striker bolt assembly (sold separately)

**Material and Finish**
Steel, zinc plated

**Performance Details**
Average ultimate load: 3600 N (800 lbf)

**Installation Notes**
See page 259

**Accessories**
Striker bolts for standard version and integrated bumper version are different. See page 259 for both versions.

- Cables and retainer clips see page 272-275
- Trigger - use retaining clip R4-0-43922-2
- Lever - use retaining clip R4-0-43922

**Notes**
Electromechanical rotary latch available see page 23

**Part Number Selection**

```
S Stage & Actuation
1 Single stage, right hand
2 Single stage, left hand
3 Two stage, right hand
4 Two stage, left hand

L Lever Type
7 Dual Trigger, Bottom
8 Dual Trigger, Top

M Material
10 Steel

B Base Style
1 Standard
5 Integrated bumper version

I Mounting Style
0 Ø7.2 (.283) thru
1 1/4-20 thread
2 M6 x 1 thread

R4 - 10 - S I - L O B - M
```

Dimensions in millimeters (inch) unless otherwise stated.
R4 Rotary Latch
Mini · Concealed · Single and two stage

- Direct actuation, no cable or rod required
- Integrated bumper version for anti-vibration feature
- EN 45545-3 E60 Compliant (Standard version only)

Material and Finish
Steel, zinc plated or 304 stainless steel, passivated

Performance Details
平均最大荷重: 3600 N (800 lbf)

Installation Notes
See page 259

Accessibility
Striker bolts for standard version and integrated bumper version are different. See page 259 for both versions.

Notes
Electromechanical rotary latch available see page 23

Part Number Selection

**Stage & Actuation**
1. Single stage, right hand
2. Single stage, left hand
3. Two stage, right hand
4. Two stage, left hand

**Mounting Style**
0. Ø7.2 (.283) thru
1. 1/4-20 thread
2. M6 x 1 thread

**Base Style**
1. Standard
5. Integrated bumper version

**Material**
10. Steel
20. Stainless steel

Dimensions in millimeters (inch) unless otherwise stated
R4 Rotary Latch
Integrated Cable Mounting Bracket · Stainless Steel
Mini · Concealed · Single stage

Material and Finish
Steel, zinc plated or stainless steel

Performance Details
Average ultimate load:
3600 N (800 lbf)

Accessories
Striker bolt
Cables and retainer clips

Striker Bolt Assembly - Standard
(sold separately)

Striker Bolt Assembly - Integrated Bumper
(sold separately)

Dimensions in millimeters (inch) unless otherwise stated
**R4 Rotary Latch**
Large · Concealed · Two stage

- Single or multi-point latch capability
- Compatible with wide array of actuators
- FMVSS 206 compliant
- EN 45545-3 E60 Compliant

**Material and Finish**
Steel, zinc plated or stainless steel

**Performance Details**
Average ultimate load:
10675 N (2400 lbf) as shown
14230 N (3200 lbf) with support bracket. Contact Southco for more information

**Installation Notes**
See page 261

**Accessories**
Striker bolt see page 261
Cables and retainer clips see pages 272-275

**Notes**
Electromechanical rotary latch available see page 23

---

**Part Number Selection**

- **Stage & Actuation**
  - 3 Two stage, right hand
  - 4 Two stage, left hand

- **Lever Type**
  - 1 Perpendicular
  - 3 Two point
  - 5 Bottom

- **Mounting Style**
  - 0 Ø6.7 (.263) thru
  - 1 1/4-20 thread
  - 2 M6 x 1 thread

- **Material**
  - 10 Steel
  - 20 Stainless steel

**Dimensions in millimeters (inch) unless otherwise stated**

---

Two Stage - Perpendicular (left hand actuation shown)

Two Stage - Bottom (left hand actuation shown)
**R4 Rotary Latch**  
Large · Concealed · Two stage

2-Point Actuator (left hand actuation shown)

Striker Bolt Assembly (sold separately)

<table>
<thead>
<tr>
<th>Striker Bolt Part Number</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4-90-321-10</td>
<td>Steel</td>
</tr>
<tr>
<td>R4-90-321-20</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

Dimensions in millimeters (inch) unless otherwise stated

[www.southco.com/R4](http://www.southco.com/R4)
R4 Rotary Latch
Medium · Concealed · Single and two stage

- Single or multi-point latch capability
- Compatible with wide array of actuators
- Hand actuation option
- EN 45545-3 E60 Compliant

Material and Finish
Steel, zinc plated or 304 stainless steel, passivated

Accessories
Cables and retainer clips see pages 272-275

Notes
Electromechanical rotary latch available see page 23
For panel preparation visit www.southco.com/R4

Remote Actuation (left hand, two stage version shown)

Hand Actuation (left hand, single stage version shown)

Striker Bolt (sold separately)

Striker Bolt Part Numbers

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4-91-231-10</td>
<td>Steel</td>
</tr>
<tr>
<td>R4-91-231-20</td>
<td>Stainless Steel</td>
</tr>
</tbody>
</table>

Part Number
See table
Order latch and striker separately

Stage & Actuation
1 Single stage, right hand
2 Single stage, left hand
3 Two stage, right hand
4 Two stage, left hand

Mounting Style
0 Ø 8.3 (.327) thru
1 5/16-18 thread
2 M8 x 1.25 thread

Lever Type
4 Hand actuation (steel only)
5 Bottom

Dimensions in millimeters (inch) unless otherwise stated
R4 Rotary Latch
Heavy-duty · Two stage

Two Stage (left hand actuation shown)

Dimensions in millimeters (inch) unless otherwise stated

Mounting Style | Part Number
---|---
Ø 7.2 (283) Thru | R4-50-40-101-10, R4-50-30-101-10
1/4-20 Thread | R4-50-41-101-10, R4-50-31-101-10
M6 X 1 Thread | R4-50-42-101-10, R4-50-32-101-10

Part Number
See table
Order latch and striker bolt separately

Material and Finish
Steel, zinc plated

Accessories
Cables and retainer clips
see pages 272-275

Notes
Electromechanical rotary latch available see page 23
For panel preparation visit
www.southco.com/R4

Operation

Latched position

Unlatched position

Other options available. For complete details on variety, part numbers, installation and specification, go to
www.southco.com/R4
R4-81 Rotary Paddle Latch
Pull-to-open

- Rear mount installation
- Direct actuation, no cable or rod required
- Single or two stage latching
- Integrated bumper option
- Environmentally sealed

Material and Finish
Housing: Glass-filled nylon, black
Paddle: Zinc alloy, black powder coated or chrome plated

Installation Notes
Maximum tightening torque on supplied mounting nuts 3 Nm

Accessories
Striker bolt see page 259

Notes
For lock core selection and a complete overview of the SOUTHCO® Key-Choice System see page 158

Part Number
See table

- Stage & Bumper
  2 Single Stage
  4 Two Stage
  6 Single Stage with Integrated Bumper
  8 Two Stage with Integrated Bumper

- Locking Options
  1 Reversible Key (No Keys - R001)
  2 Reversible Key (2 Keys included - R001)
  3 Reversible Key (2 keys included - Keyed differently)
  4 Standard Key (No keys - CH751)
  5 Standard Key (2 keys included - CH751)
  6 Standard Key (2 keys included - Keyed differently)
  9 No Lock Plug installed (See notes for more information)

- Paddle Finish
  30 Chrome, polished
  50 Black powder coated

- Key Codes
  (Omit for Locking Options 1, 2, 4, 5 and 9)
  *KD10 Keyed Differently (Only used if L =3 or 6)
  *MK10 Master Keyed Differently (Only used if L =6)

*Supplied in multiples of 10 with 10 different key codes.

Dimensions in millimetres unless otherwise stated