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
- For standard version only

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

Performance Details
Average ultimate load: 4600 N (1100 lbf)

Installation Notes
See page 259

Accessories
Striker bolt see page 259

Notes
Electromechanical rotary latch available see page 23

Part Number Selection

<table>
<thead>
<tr>
<th>Stage &amp; Actuation</th>
<th>Lever Type</th>
<th>Mounting Style</th>
<th>Base Style</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Single stage, right hand</td>
<td>1 Perpendicular</td>
<td>0 Ø7.2 (.283) thru</td>
<td>1 Standard</td>
<td>10 Steel</td>
</tr>
<tr>
<td>2 Single stage, left hand</td>
<td>2 In-Line</td>
<td>1/4-20 thread</td>
<td>2 Integrated bumper version</td>
<td>20 Stainless steel</td>
</tr>
<tr>
<td>3 Two stage, right hand</td>
<td></td>
<td>M6 x 1 thread</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 Two stage, left hand</td>
<td></td>
<td></td>
<td></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
- For standard version only

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

Performance Details
Average ultimate load
Steel: 4600 N (1100 lbf)
Stainless Steel: 4000 N (900 lbf)

Installation Notes
See page 259

Accessories
Striker bolt see page 259
Cables and retainer clips see page 272-275

Notes
Electromechanical rotary latch available see page 23

Part Number Selection

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
- For standard version only

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

Performance Details
Average ultimate load
Steel: 4600 N (1100 lbf)
Stainless steel: 4000 N (900 lbf)

Installation Notes
See page 259

Accessories
Striker bolt see page 259
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
Single Stage - Dual Trigger - Bottom
(Left hand actuation shown)

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

Single Stage - Dual Trigger - Top
(Left hand actuation shown)

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

- 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

Performance Details
Average ultimate load
Steel: 4500 N (1000 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

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

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

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

Dimensions in millimetres unless otherwise stated

www.southco.com/R4
**R4 Rotary Latch**

Integrated Cable Mounting Bracket · Stainless Steel · Mini · Concealed · Single stage

### Single Stage - Top
(Left hand actuation shown)

- **Dimensions:**
  - 30.6 (1.56)
  - 14.9 (0.59)
  - 22.5 (0.88)
  - 15.6 (0.61)
  - 13.5 (0.53)
  - 40 (1.69)
  - 11 (0.43)
  - 3.5 (0.14)
  - 1.4 Minimum (0.06)

### Integrated Bumper Version

- **Dimensions:**
  - 2 X Mounting holes (see mounting style)
  - 22.5±0.1 (0.89±0.04)
  - 9 (0.35)
  - 26 (1.02)
  - 5 (0.20)

### Panel Preparation

- **Dimensions:**
  - 80 (3.15)
  - 68.5 (2.70)

---

**R4 - 10 - S I - 5 0 B - M**

### Stage & Actuation
1. Single stage, right hand
2. Single stage, left hand

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

### Base Style
1. Standard
2. Integrated bumper version

---

**Material and Finish**
304 stainless steel

**Performance Details**
Average ultimate load: 4000 N (900 lbf)

**Accessories**
- Striker bolt
- Cables and retainer clips

---

**Striker Bolt Assembly - Standard**
(sold separately)

- **Dimensions:**
  - Ø 25.4 (1.00)
  - Ø 9.5 (0.37)
  - Ø 6.4±0.1 (.25±.004)

**Striker Bolt Assembly - Integrated Bumper**
(sold separately)

- **Dimensions:**
  - Ø 25.4 (1.00)
  - Ø 9.5 (0.37)

---

**Striker 90° Mounting Bracket**

- **Part Number:** R4-0-50114

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**Part Number**
See table

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Dimensions in millimeters (inch) unless otherwise stated
R4 Rotary
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

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

2-Point Actuator (left hand actuation shown)

Striker Bolt Assembly (sold separately)

Striker Bolt Part Number

<table>
<thead>
<tr>
<th>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>

Operation

Latched position

Unlatched position

Dimensions in millimeters (inch) unless otherwise stated

Other options available. For complete details on variety, part numbers, installation and specification, go to 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
- EN 45545-3 E60 Compliant

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

Single Stage (left hand actuation shown)

Two Stage (left hand actuation shown)

Striker Bolt (sold separately)

Operation

Part Number
See table
Order latch and striker separately

Other options available. For complete details on variety, part numbers, installation and specification, go to
www.southco.com/R4

Part Number

<table>
<thead>
<tr>
<th>Position</th>
<th>Left Hand Actuation</th>
<th>Right Hand Actuation</th>
<th>Striker Bolt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single stage</td>
<td>R4-20-20-501-10</td>
<td>R4-20-10-501-10</td>
<td>R4-91-231-10</td>
</tr>
<tr>
<td>Two stage</td>
<td>R4-20-40-501-10</td>
<td>R4-20-30-501-10</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Mounting Style</th>
<th>Left Hand Actuation</th>
<th>Right Hand Actuation</th>
<th>Striker Bolt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø 7.2 (.283) Thru</td>
<td>R4-50-40-101-10</td>
<td>R4-50-30-101-10</td>
<td>R4-90-441-10</td>
</tr>
<tr>
<td>1/4-20 Thread</td>
<td>R4-50-41-101-10</td>
<td>R4-50-31-101-10</td>
<td></td>
</tr>
<tr>
<td>M6 X 1 Thread</td>
<td>R4-50-42-101-10</td>
<td>R4-50-32-101-10</td>
<td></td>
</tr>
</tbody>
</table>

### Striker Bolt Assembly (sold separately)

- Part Number: M12 x 1.75 thread

### Operation

- Latched position
- Unlatched position

### Notes

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

### Material and Finish

- Steel, zinc plated

### Accessories

- Cables and retainer clips see pages 272-275

### Part Number

- See table
- Order latch and striker bolt separately

- Other options available. For complete details on variety, part numbers, installation and specification, go to www.southco.com/R4