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

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

Single Stage - Hand Actuation, Integrated Bumper

Two Stage - Bottom, Integrated Bumper

Part Number Selection

Part Number
Striker bolt | R4-90-0521-10

Part Number
Molded striker | R4-0-61336

Part Number
Wire form striker | R4-0-61352

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: 4600 N (1100 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

**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

**Lever Type**
1. Perpendicular
2. In-Line

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

Dimensions in millimeters (inch) unless otherwise stated

See page 259 for both versions.

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
Steel: 4600 N (1100 lbf)
Stainless Steel: 4000 N (900 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

<table>
<thead>
<tr>
<th>Stage &amp; Actuation</th>
<th>Lever Type</th>
<th>Mounting Style</th>
<th>Base Style</th>
<th>Stage &amp; Actuation</th>
<th>Lever Type</th>
<th>Mounting Style</th>
<th>Base Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Single stage, right hand</td>
<td>3 Two point</td>
<td>0 Ø7.2 (.283) thru</td>
<td>1 Standard</td>
<td>1 Stage &amp; Actuation</td>
<td>3 Lever Type</td>
<td>0 Mounting Style</td>
<td>1 Base Style</td>
</tr>
<tr>
<td>2 Single stage, left hand</td>
<td>4 Hand actuation</td>
<td>1 1/4-20 thread</td>
<td>1 Standard</td>
<td>2 Stage &amp; Actuation</td>
<td>4 Lever Type</td>
<td>1 Mounting Style</td>
<td>1 Base Style</td>
</tr>
<tr>
<td>3 Two stage, right hand</td>
<td></td>
<td>2 M6 x 1 thread</td>
<td>5 Integrated bumper version</td>
<td>3 Stage &amp; Actuation</td>
<td></td>
<td>2 Mounting Style</td>
<td>5 Base Style</td>
</tr>
<tr>
<td>4 Two stage, left hand</td>
<td></td>
<td></td>
<td></td>
<td>4 Stage &amp; Actuation</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 (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
Steel: 4600 N (1100 lbf)
Stainless steel: 4000 N (900 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

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

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

B Base Style
1 Standard
5 Integrated bumper version

M Material
10 Steel
20 Stainless steel

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

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)

R4 Rotary Latch
Mini · Concealed · Dual Trigger · 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

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

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
Average ultimate load
Steel: 4500 N (1010 lbf)
Stainless steel: 4000 N (900 lbf)

Installation Notes
See page 259

Accessories
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

<table>
<thead>
<tr>
<th>Stage &amp; Actuation</th>
<th>1 Single stage, right hand</th>
<th>2 Single stage, left hand</th>
<th>3 Two stage, right hand</th>
<th>4 Two stage, left hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Style</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ø7.2 (.283) thru</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/4-20 thread</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M6 x 1 thread</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

R4 - 10 - S I - 90 B M

- Material
  10 Steel
  20 Stainless steel

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

**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)

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

**Striker 90° Mounting Bracket**

- Striker bolt for R4-10 series rotary latch

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

**Operation**

---

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

---

**Part Number**
See table
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

---

Two Stage - Perpendicular (left hand actuation shown)

Two Stage - Bottom (left hand actuation shown)

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)

<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>

Operation

Latched position

Dimensions in millimeters (inch) unless otherwise stated
**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

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

- **Ø 6.5 (.25)**
- **2 x Ø 8.3 (.32) Thru**
- **2 x 7.1 (.28)**
- **59.4 (2.33)**
- **28 (1.1)**
- **70.5 (2.77)**
- **18 (.71)**
- **43 (1.7)**
- **17 (.67)**
- **1.4 (.05)**

**Two Stage** (left hand actuation shown)

- **Ø 6.5 (.26)**
- **2 x Ø 8.3 (.33) Thru**
- **2 x 7.1 (.28)**
- **59.7 (2.35)**
- **28 (1.1)**
- **70.3 (2.77)**
- **18 (.71)**
- **43 (1.69)**
- **17 (.67)**
- **1.5 (.06)**

**Striker Bolt** (sold separately)

- **Ø 12 (.47)**
- **16 (.63)**
- **3.5 (.13)**
- **M10 x 1.5 thread**
- **27.5 (1.08)**
- **42.2 (1.66)**

**Operation**

Latched position  
Unlatched position

---

**Part Number**  
See table  
Order latch and striker separately

**Position**  
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Part Number</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>
</tr>
<tr>
<td>Two stage</td>
<td>R4-20-40-501-10</td>
<td>R4-20-30-501-10</td>
</tr>
</tbody>
</table>

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

**Heavy-duty · Two stage**

---

**Two Stage** (left hand actuation shown)

---

**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

---

**Part Number**
See table
Order latch and striker bolt separately

---

**Mounting Style**  |  **Part Number**
--- | ---
Ø 7.2 (283) Thru | R4-50-40-101-10, R4-50-30-101-10, R4-90-441-10
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

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Dimensions in millimeters (inch) unless otherwise stated