



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

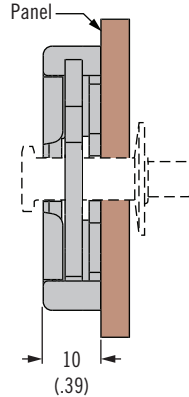
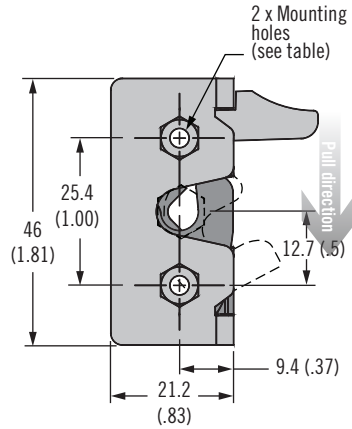
Accessories

Cables and retainer clips
see pages 272-275

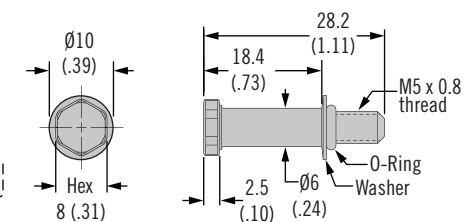
Notes

Electromechanical rotary latch
available see page 23

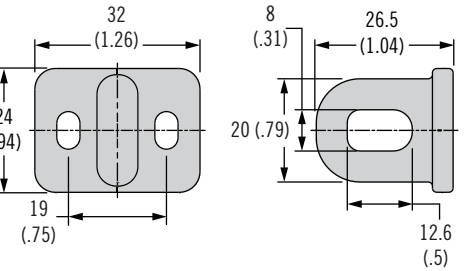
Single Stage - Hand Actuation, Integrated Bumper



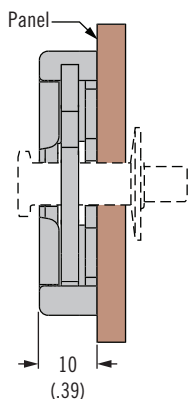
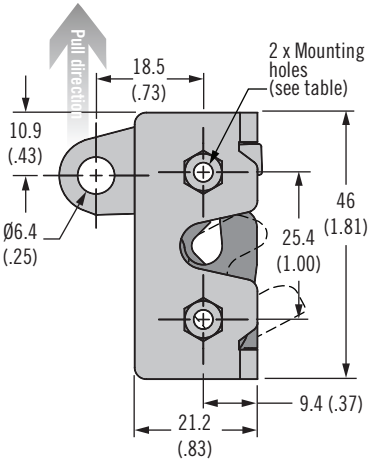
Part Number	
Striker bolt	R4-90-0521-10



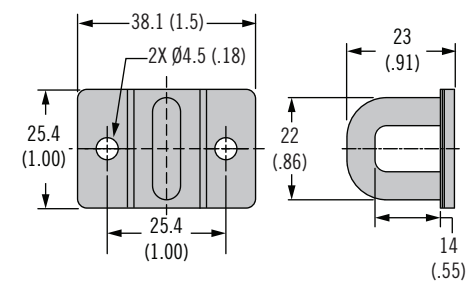
Part Number	
Molded striker	R4-0-61336



Two Stage - Bottom, Integrated Bumper



Part Number	
Wire form striker	R4-0-61352



Part Number Selection

- S Stage & Actuation**
- 2 Single stage
 - 4 Two stage

- L Lever Type**
- 4 Hand Actuation
 - 5 Bottom

R4 - 05 - S I - L 05 - M

- I Mounting Style**
- 0 4.5 (.177) thru
 - 1 8-32 thread
 - 2 M4 x 0.7 thread

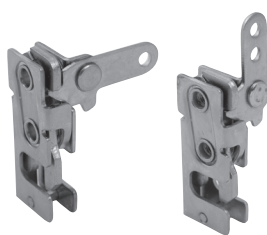
- M Material**
- 10 Steel
 - 20 Stainless Steel

Other options available. For complete details
on variety, part numbers, installation and
specification, go to

INFO CLIC www.southco.com/R4

Dimensions in millimeters (inch) unless otherwise stated

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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.

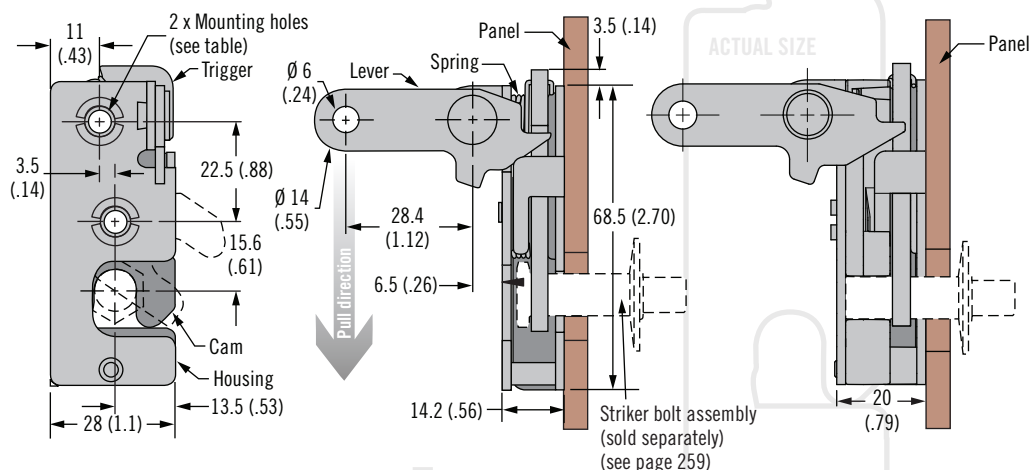
Cables and retainer clips
see pages 272-275

Notes

Electromechanical rotary latch
available see page 23

Part Number Selection

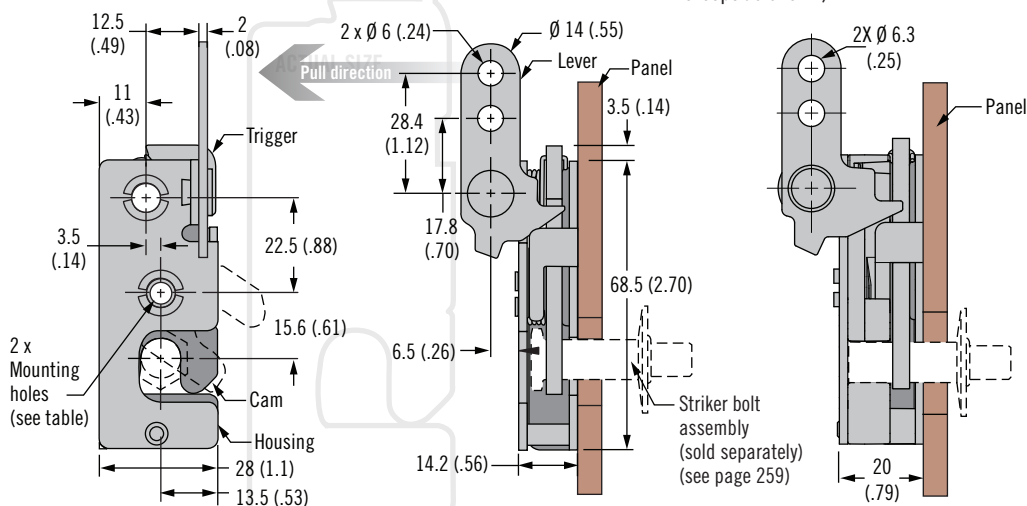
Single Stage - Perpendicular (left hand actuation shown)



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)

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

L Lever Type

- 1 Perpendicular
- 2 In-Line

M Material

- 10 Steel
- 20 Stainless steel

R4 - 10 - S I - L 0 B - M

Other options available. For complete details on variety, part numbers, installation and specification, go to



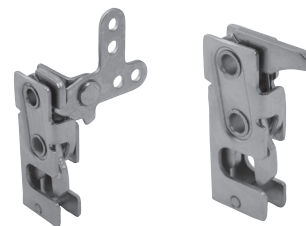
www.southco.com/R4

Dimensions in millimeters (inch) unless otherwise stated

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R4 Rotary Latch

Mini · Concealed · Single and two stage

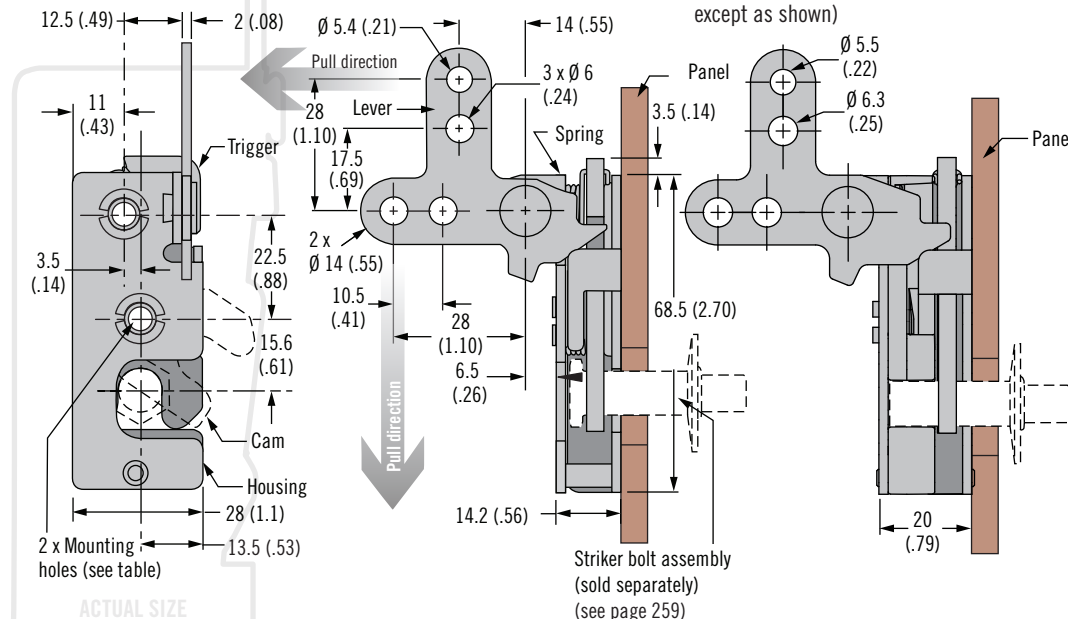


257

Single Stage - Two Point (left hand actuation shown)

Integrated Bumper Version

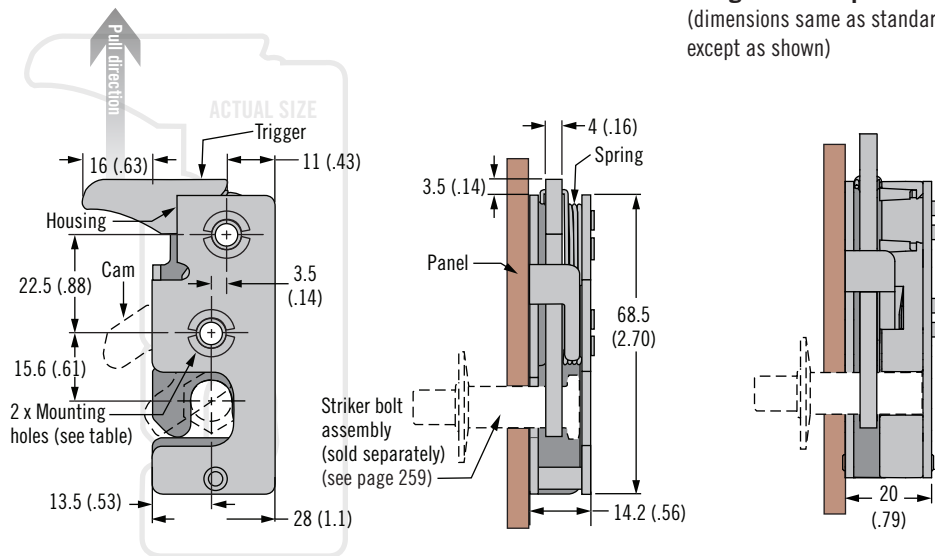
(dimensions same as standard version except as shown)



Single Stage - Hand Actuation

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 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

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 3 Two point 4 Hand actuation
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R4 - 10 - S I - L 0 B - M

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
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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.

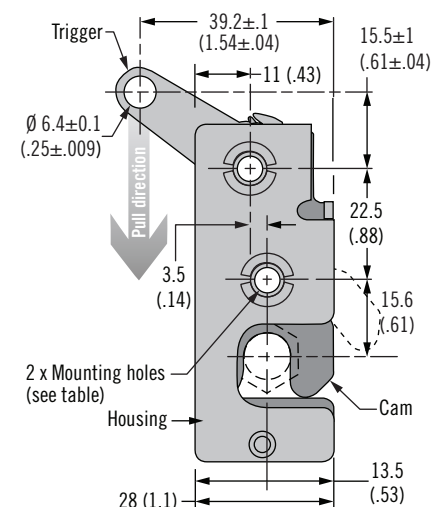
Cables and retainer clips
see pages 272-275

Notes

Electromechanical rotary latch
available see page 23

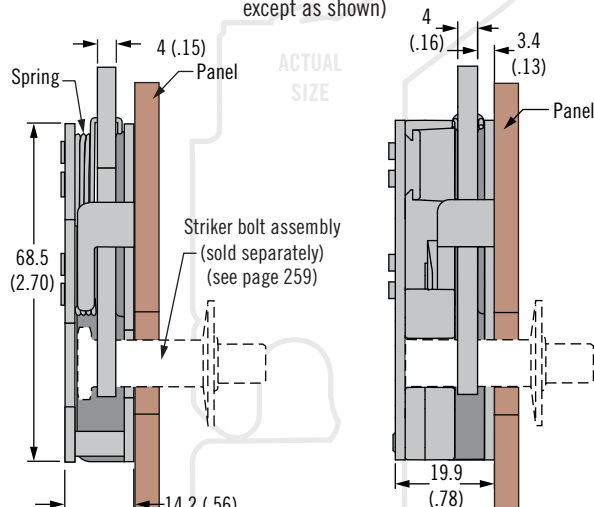
Single Stage - Bottom

(left hand actuation shown)



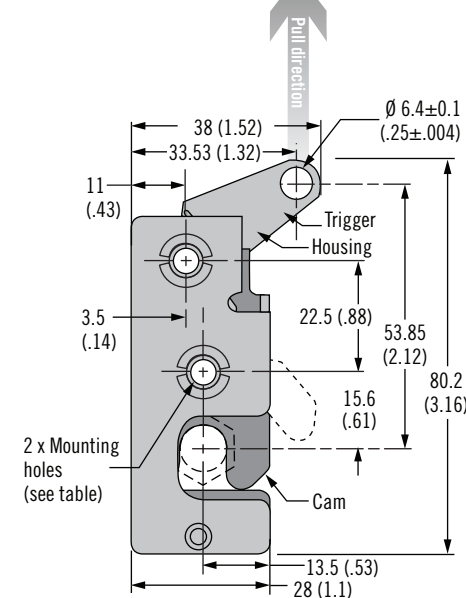
Integrated Bumper Version

(dimensions same as standard version except as shown)



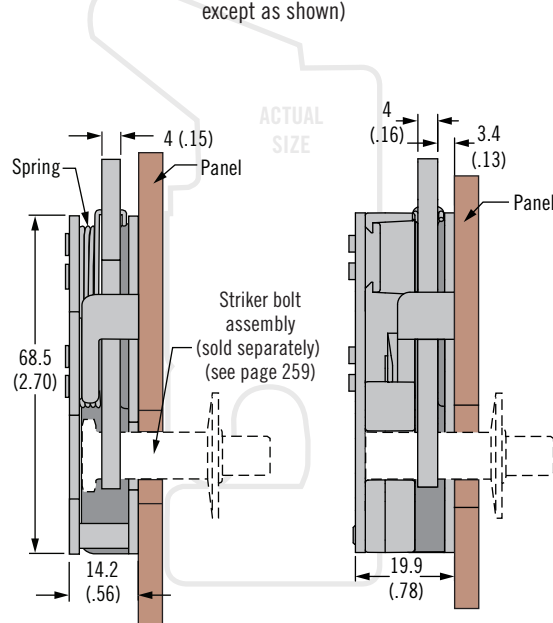
Single Stage - Top

(left hand actuation shown)



Integrated Bumper Version

(dimensions same as standard version except as shown)



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

L Lever Type

- 5 Bottom
- 6 Top

M Material

- 10 Steel
- 20 Stainless steel

R4 - 10 - S I - L 0 B - M

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/R4

Dimensions in millimeters (inch) unless otherwise stated

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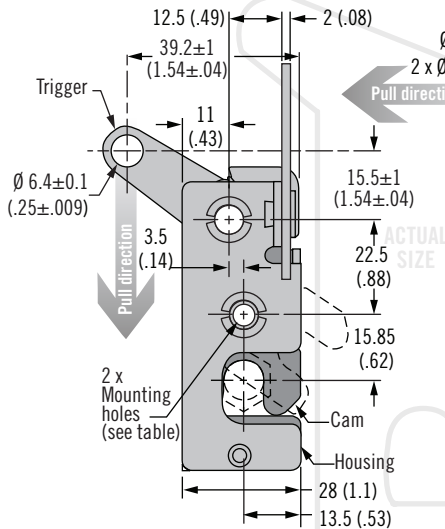
R4 Rotary Latch

Mini · Concealed · Dual Trigger · Single and two stage



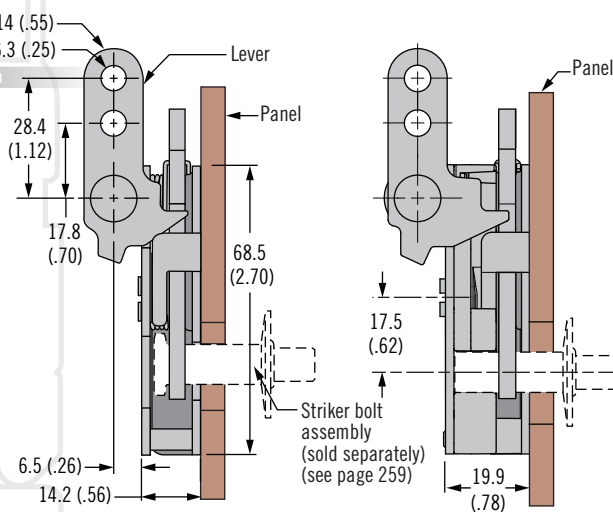
258A

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

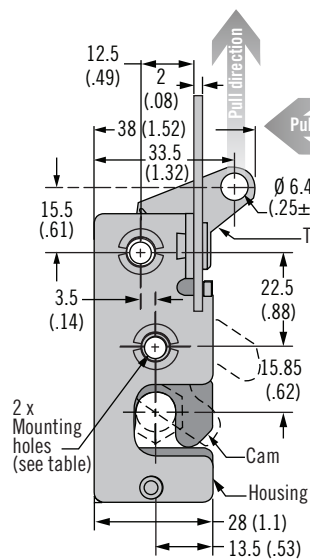


Integrated Bumper Version

(dimensions same as standard version except as shown)

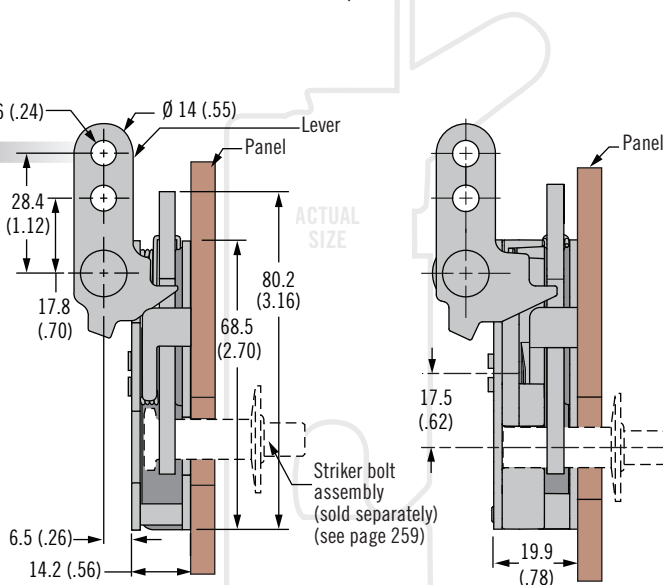


Single Stage - Dual Trigger - Top (left hand actuation shown)



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:
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
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R4 - 10 - S I - L 0 B - M

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
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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: 3600 N (800 lbf)

Installation Notes

See page 259

Accessories

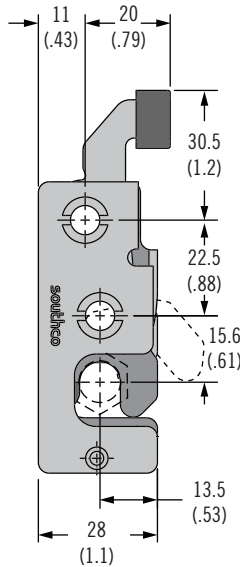
Striker bolts for standard version and integrated bumper version are different. See page 259 for both versions.

Notes

Electromechanical rotary latch available see page 23

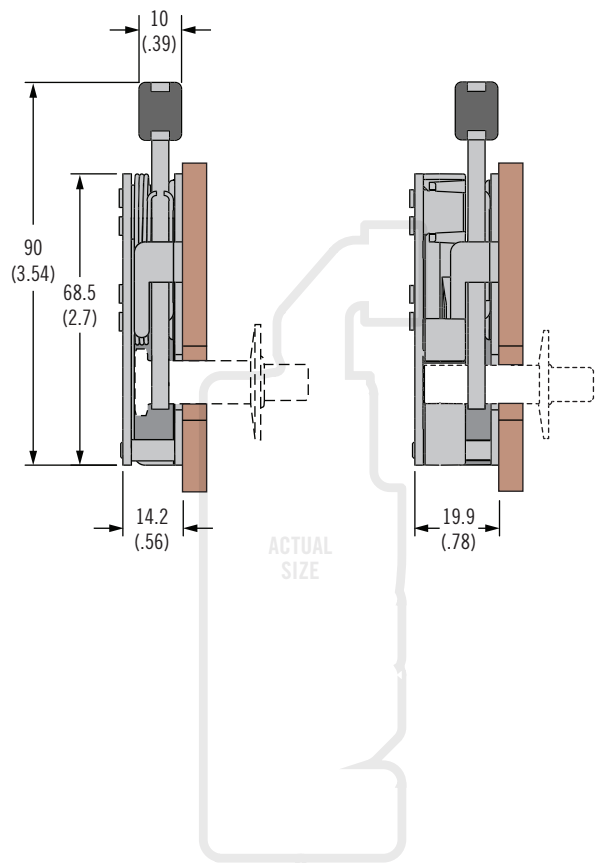
Single Stage - Top

(left hand actuation shown)



Integrated Bumper Version

(dimensions same as standard version except as shown)



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 $\varnothing 7.2$ (.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 - 90 B - M

R4 Rotary Latch

Integrated Cable Mounting Bracket · Stainless Steel

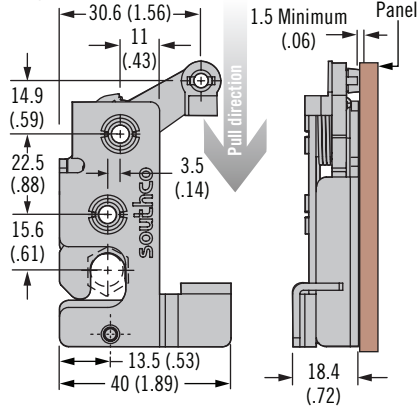
Mini · Concealed · Single stage



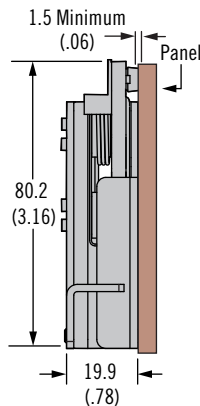
259

Single Stage - Bottom

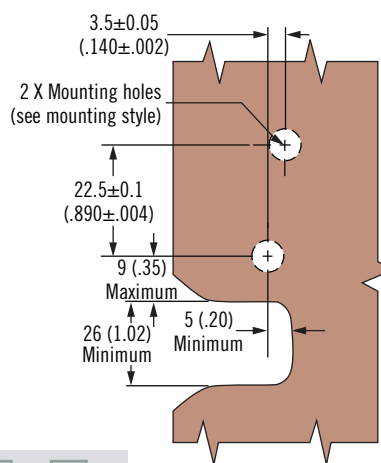
(Right hand actuation shown)



Integrated Bumper Version



Panel Preparation



R4 - 10 - S I - 50 B - M

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

- 2 Standard
- 6 Integrated bumper version

M Material

- 10 Steel
- 20 Stainless steel

Material and Finish

Steel, zinc plated or stainless steel

Performance Details

Average ultimate load:
3600 N (800 lbf)

Accessories

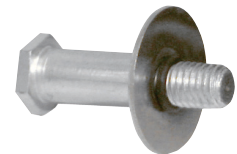
Striker bolt

Cables and retainer clips



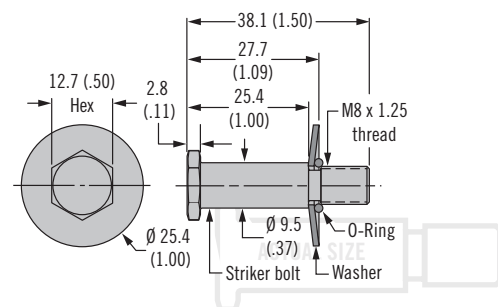
R4 Rotary Latch

Striker bolt · Mini · Installation



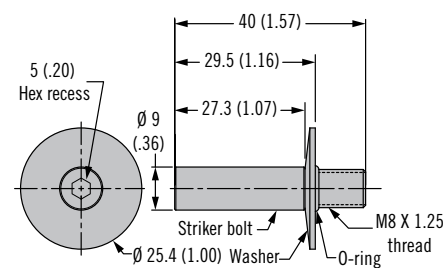
Striker Bolt Assembly - Standard

(sold separately)



Striker Bolt Assembly - Integrated Bumper

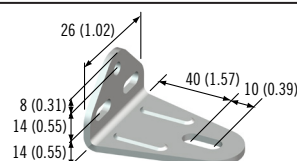
(sold separately)



Striker 90° Mounting Bracket

Striker Mounting Bracket Part Number

R4-0-50114

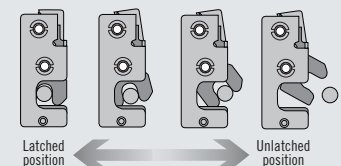


- Striker bolt for R4-10 series rotary latch

Material and Finish

Steel, zinc plated or stainless steel

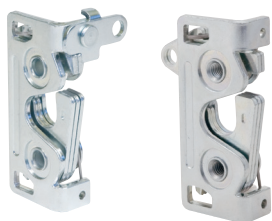
Operation



Part Number

See table

Striker Bolt Part Number - Standard	
Part Number	Material
R4-90-121-10	Steel
R4-90-121-20	Stainless Steel
Striker Bolt Part Number - Integrated Bumper Version	
R4-90-124-10	Steel
R4-90-124-20	Stainless Steel



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

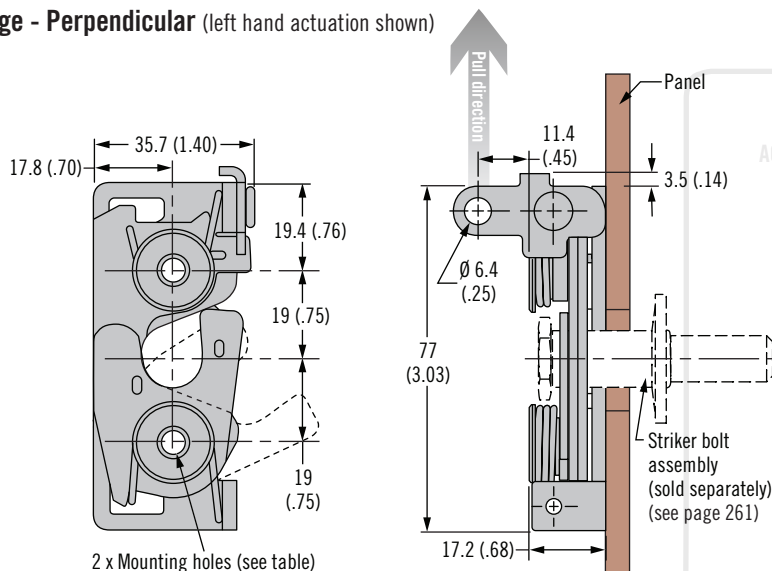
Striker bolt see page 261

Cables and retainer clips
see pages 272-275

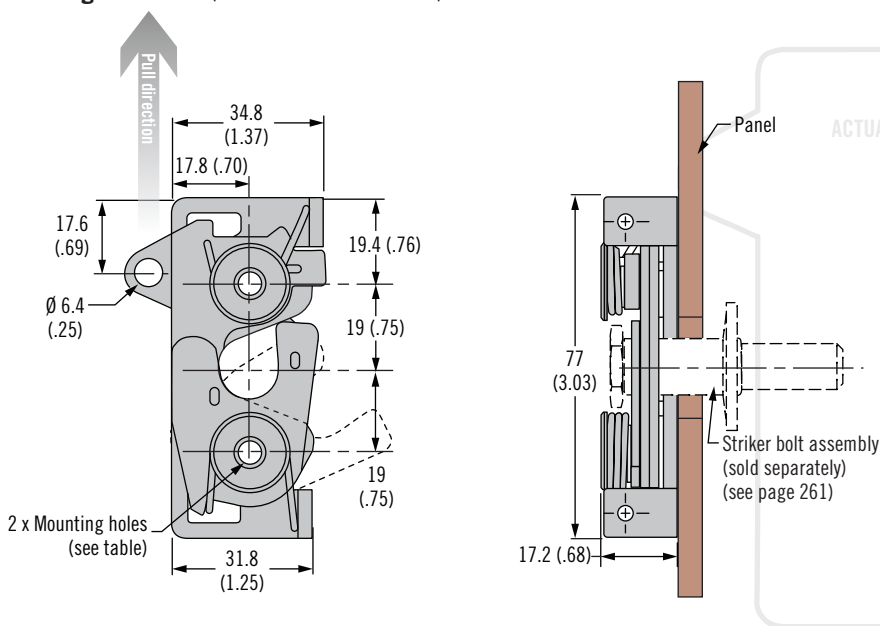
Notes

Electromechanical rotary latch
available see page 23

Two Stage - Perpendicular (left hand actuation shown)



Two Stage - Bottom (left hand actuation shown)



Part Number Selection

S Stage & Actuation

- 3 Two stage, right hand
- 4 Two stage, left hand

L Lever Type

- 1 Perpendicular
- 3 Two point
- 5 Bottom

I Mounting Style

- 0 Ø6.7 (.283) thru
- 1 1/4-20 thread
- 2 M6 x 1 thread

M Material

- 10 Steel
- 20 Stainless steel

R4 - 30 - S I - L 0 1 - M

Other options available. For complete details
on variety, part numbers, installation and
specification, go to



www.southco.com/R4

Dimensions in millimeters (inch) unless otherwise stated

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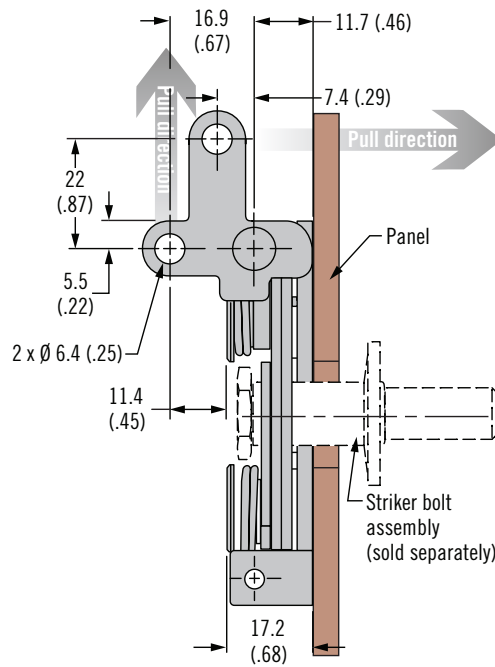
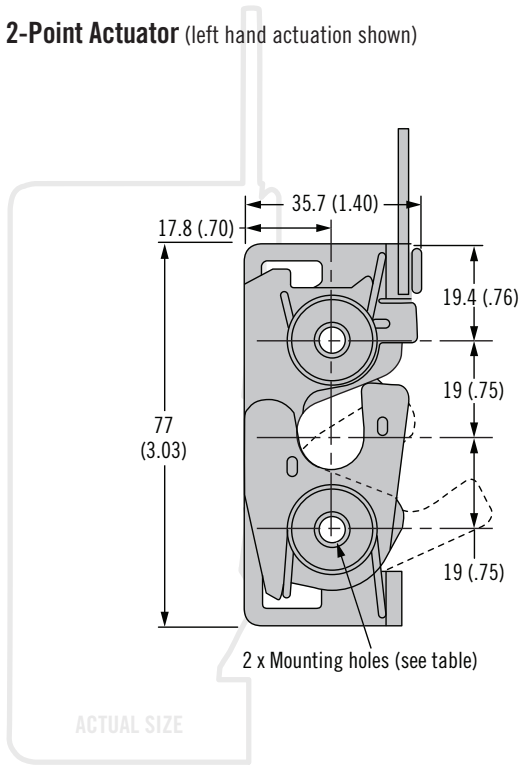
R4 Rotary Latch

Large · Concealed · Two stage

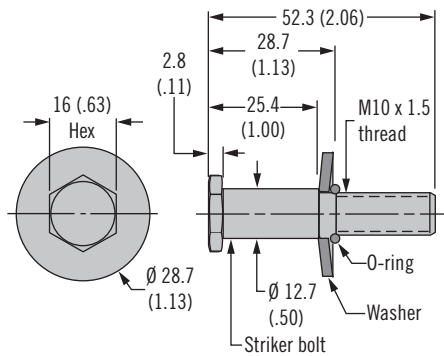
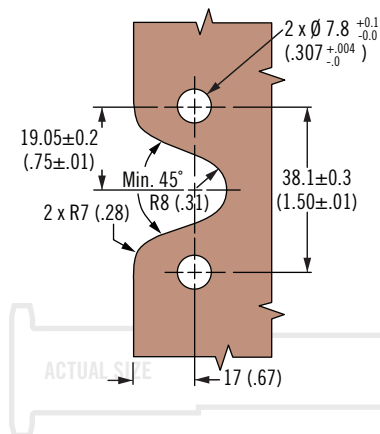


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2-Point Actuator (left hand actuation shown)



Striker Bolt Assembly (sold separately)

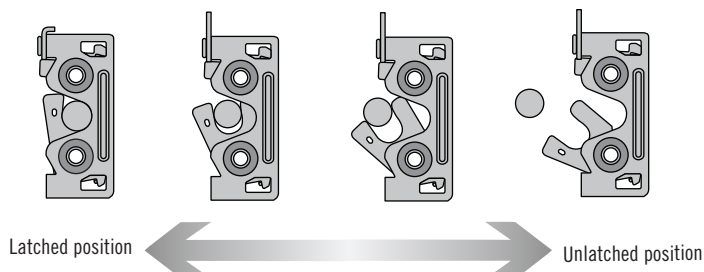


Striker Bolt Assembly Part Number

See table

Striker Bolt Part Number	
Part Number	Material
R4-90-321-10	Steel
R4-90-321-20	Stainless Steel

Operation





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

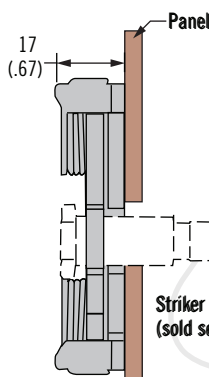
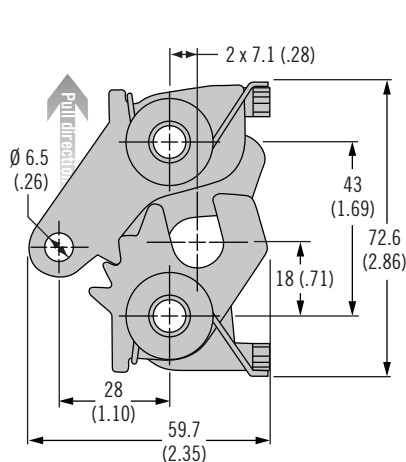
Cables and retainer clips see pages 272-275

Notes

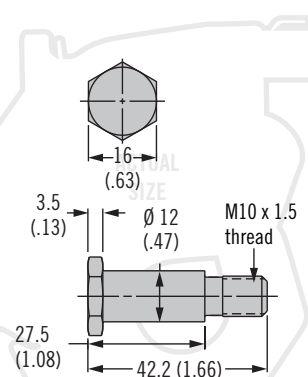
Electromechanical rotary latch available see page 23

For panel preparation visit www.southco.com/R4

Remote Actuation (left hand, two stage version shown)



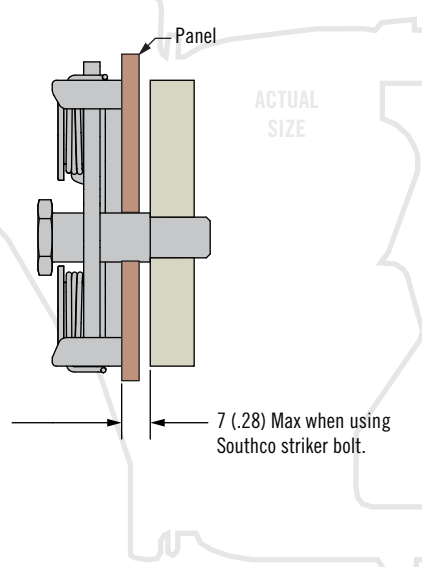
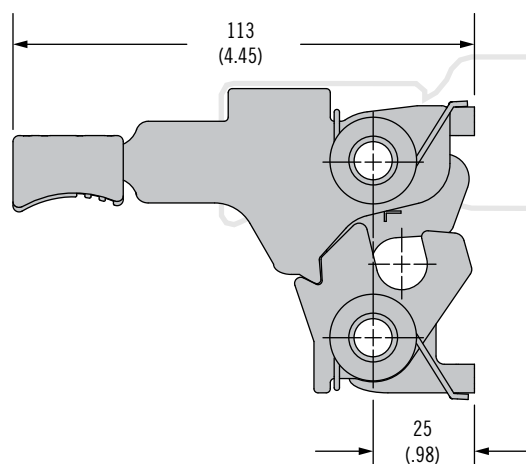
Striker Bolt (sold separately)



Striker Bolt Part Numbers

Part Number	Material
R4-91-231-10	Steel
R4-91-231-20	Stainless Steel

Hand Actuation (left hand, single stage version shown)



Part Number

See table

Order latch and striker separately

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

R4 - 20 - S I - L 01 - M

L Lever Type

- 4 Hand actuation (steel only)
- 5 Bottom

M Material

- 10 Steel
- 20 Stainless steel

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/R4

Dimensions in millimeters (inch) unless otherwise stated

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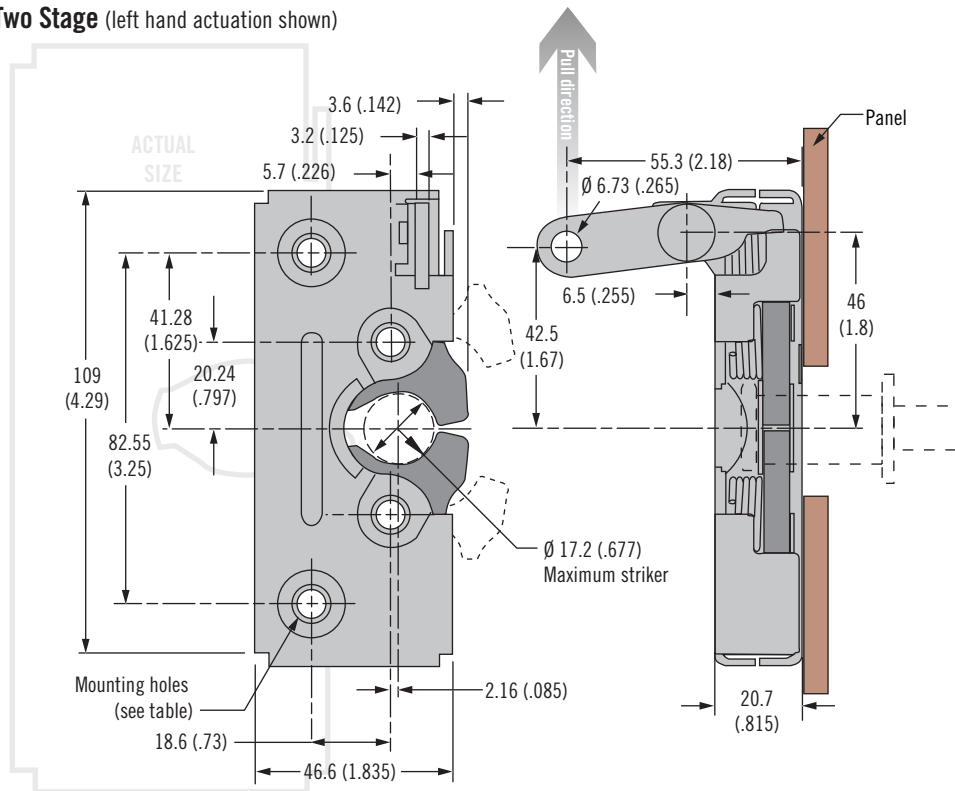
R4 Rotary Latch

Heavy-duty · Two stage

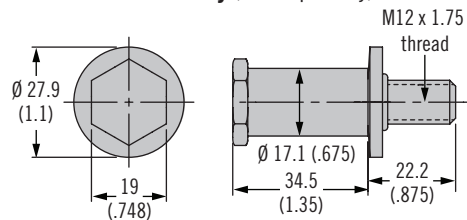


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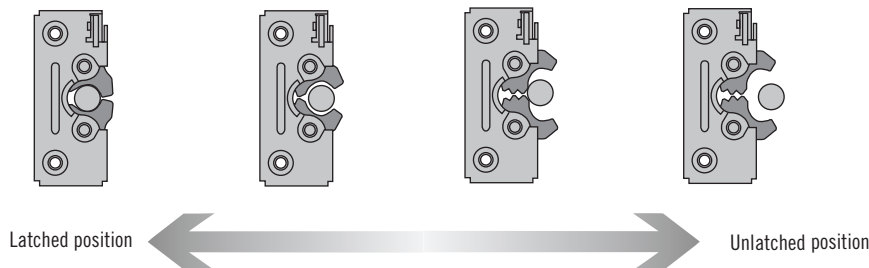
Two Stage (left hand actuation shown)



Striker Bolt Assembly (sold separately)



Operation



Mounting Style	Part Number		
	Left Hand Actuation	Right Hand Actuation	Striker Bolt
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	

- 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

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

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



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 N m

Accessories

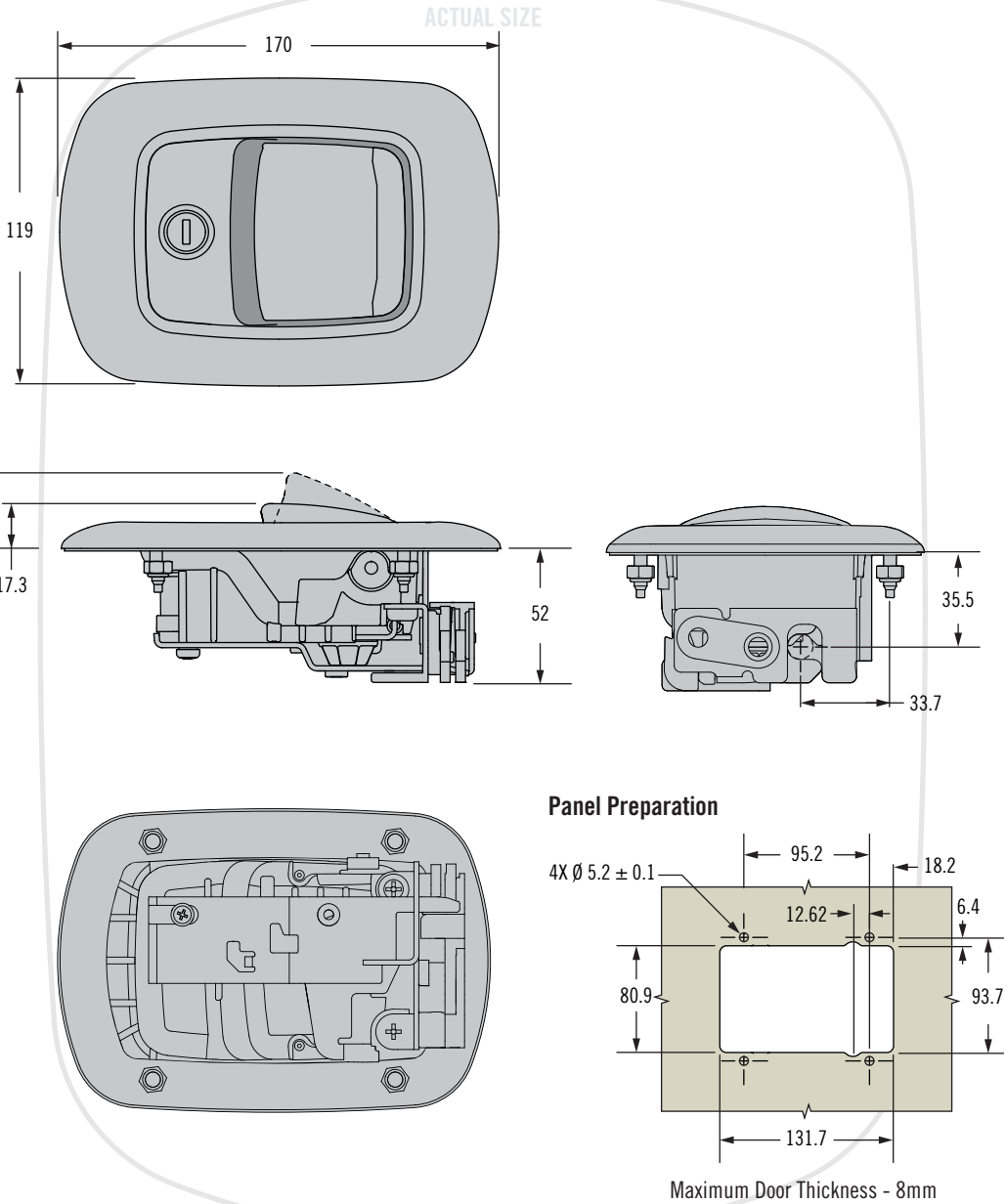
Striker bolt see page 259

Notes

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

Part Number

See table



S Stage & Bumper

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

PP Paddle Finish

- 30 Chrome, polished
- 50 Black powder coated

R4 - 81 - S L 1 - PP - KC

L 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)

KC 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.

Other options available. For complete details on variety, part numbers, installation and specification, go to



www.southco.com/R4

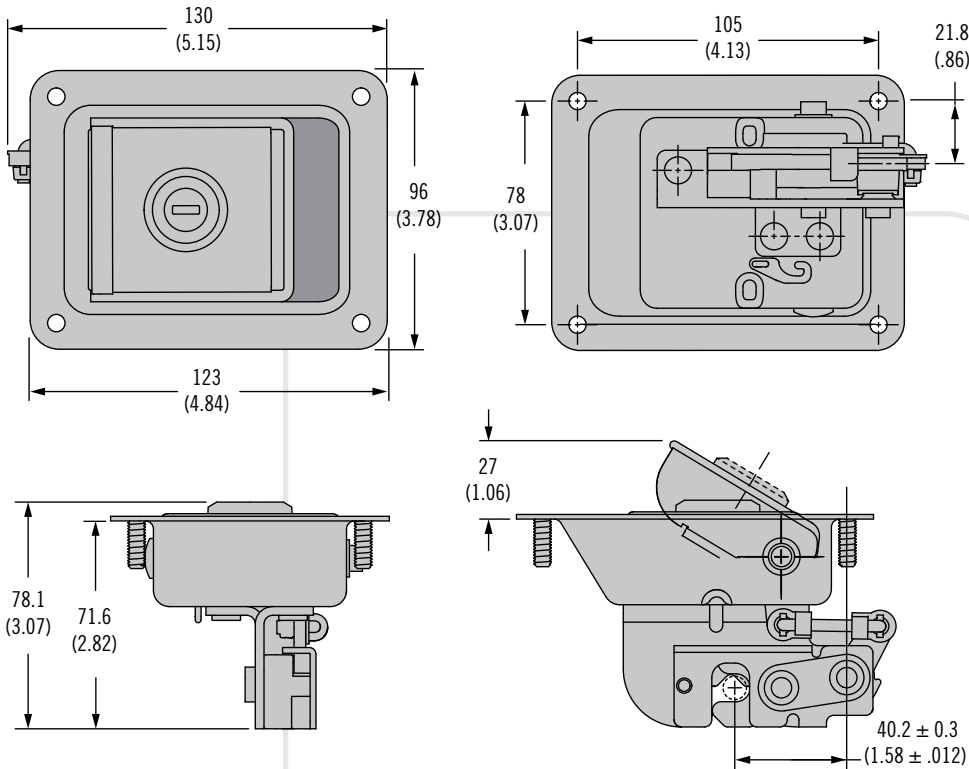
Dimensions in millimetres unless otherwise stated

R4-82 Rotary Paddle Latch

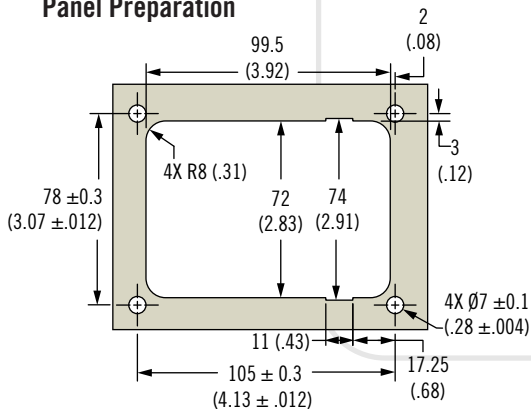
Pull-to-open



263B



Panel Preparation



ACTUAL SIZE

- Direct actuation, no cable or rod required
- Single or two stage latching
- Integrated bumper
- Thru hole or stud mounting options

Material and Finish

Cup and handle: Steel, zinc plated or black powder coat

Lock slide, latch frame, pawl, trigger: Steel, zinc plated

Installation Notes

Thru hole: M5 or #8 screws recommended

Studs: Use M6 mounting nuts (max tightening torque 7 N·m (62 in·lbf))

Studs: Max panel thickness 10 (.39)

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 Selection

See table

[S] Stage

- 6 Single Stage with Integrated Bumper
- 8 Two Stage with Integrated Bumper

[L] Locking Options

- 1 Reversible Key (No Keys - R001)
- 2 Reversible Key (2 Keys included - R001)
- 3 Reversible Key (Keyed differently - 2 keys included)
- 4 Standard Key (No keys - CH751)
- 5 Standard Key (2 Keys included - CH751)
- 6 Standard Key (Keyed differently - 2 keys included)
- 7 Reversible Key (2 keys included - 14603)
- 9 No Lock Plug installed (See notes for more information)

[H] Housing

- 2 Rivet Thru Hole 5.2 (.20)
- 4 Press-in Studs

[PP] Finish

- 10 Zinc plated
- 50 Black powder coated

[KC] 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.

R4 - 82 - S L H - PP - KC

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Dimensions in millimeters (inch) unless otherwise stated

Other options available. For complete details on variety, part numbers, installation and specification, go to



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