

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

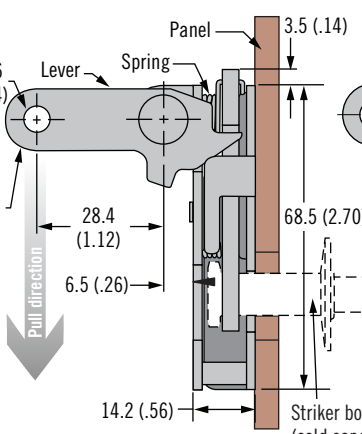
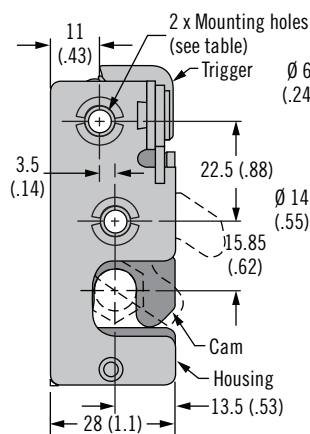
Striker bolt see page 259

Cables and retainer clips
see pages 272-275

Notes

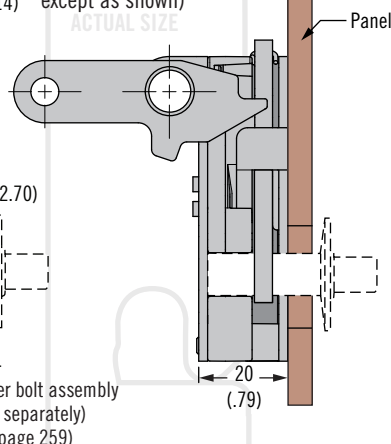
Electromechanical rotary latch
available see page 23

Single Stage - Perpendicular (left hand actuation shown)

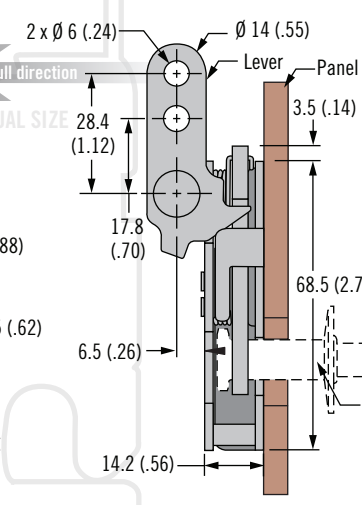
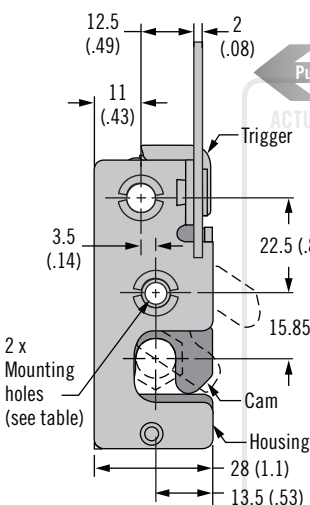


Integrated Bumper Version

(dimensions same as standard version except as shown)

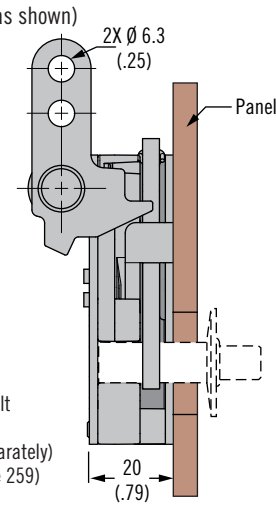


Single Stage - In-Line (left hand actuation shown)



Integrated Bumper Version

(dimensions same 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

- 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



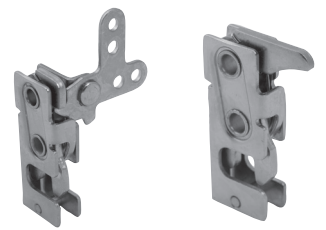
www.southco.com/R4

Dimensions in millimeters (inch) unless otherwise stated

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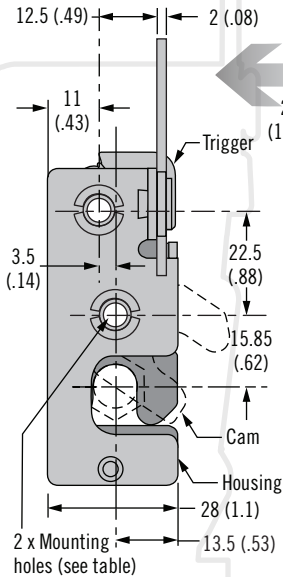
R4 Rotary Latch

Mini · Concealed · Single and two stage



257

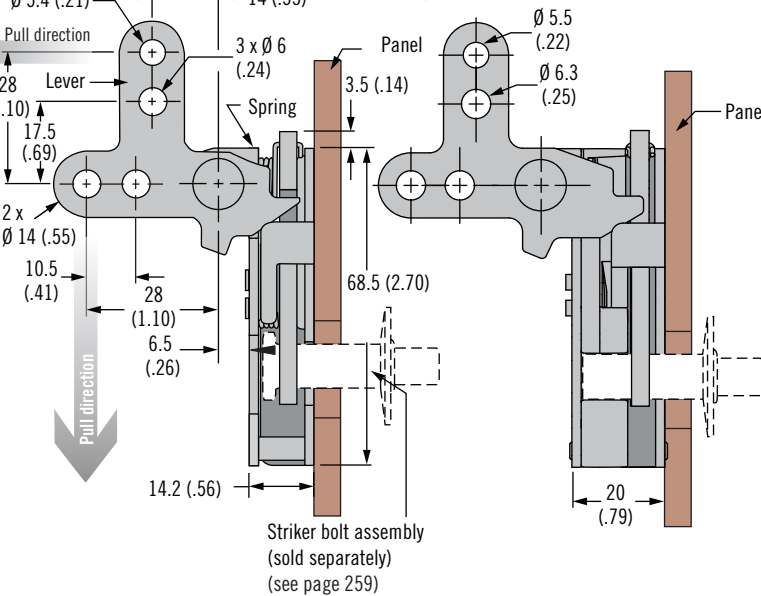
Single Stage - Two Point (left hand actuation shown)



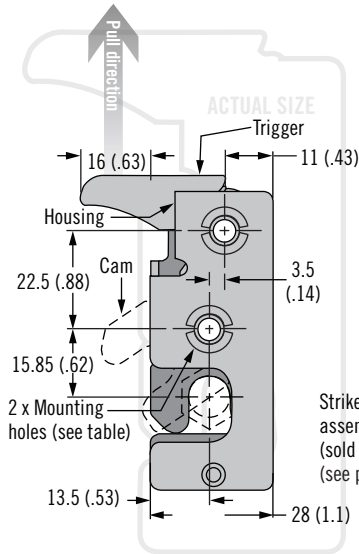
ACTUAL SIZE

Integrated Bumper Version

(dimensions same as standard version except as shown)



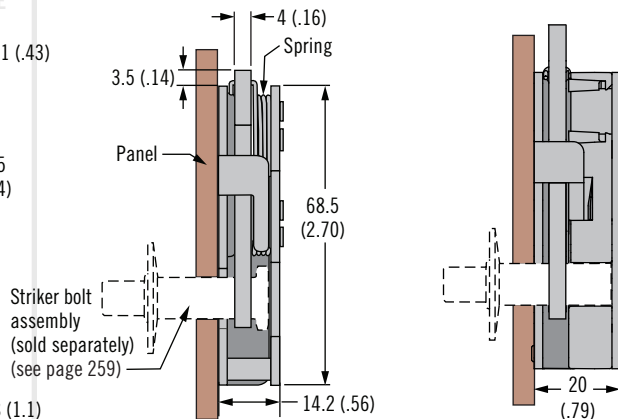
Single Stage - Hand Actuation



ACTUAL SIZE

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
- 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

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

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 0 B - M



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

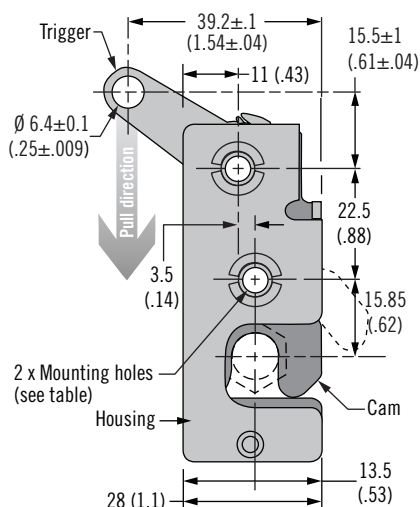
Striker bolt see page 259

Cables and retainer clips
see pages 272-275

Notes

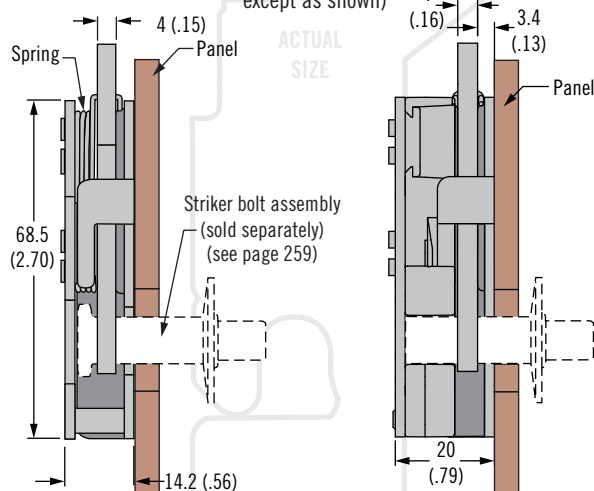
Electromechanical rotary latch
available see page 23

Single Stage - Bottom (left hand actuation shown)

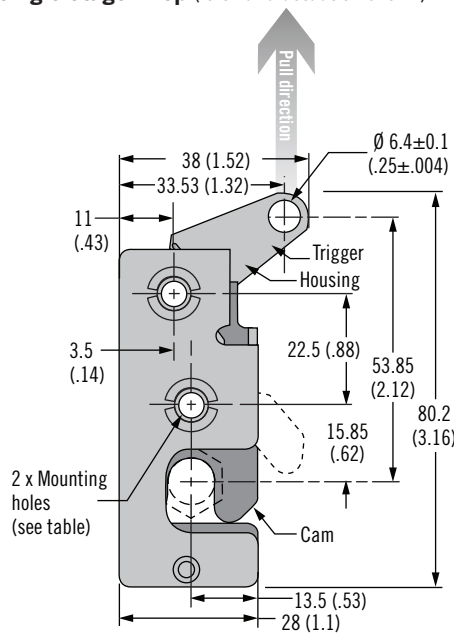


Integrated Bumper Version

(dimensions same as standard version except as shown)

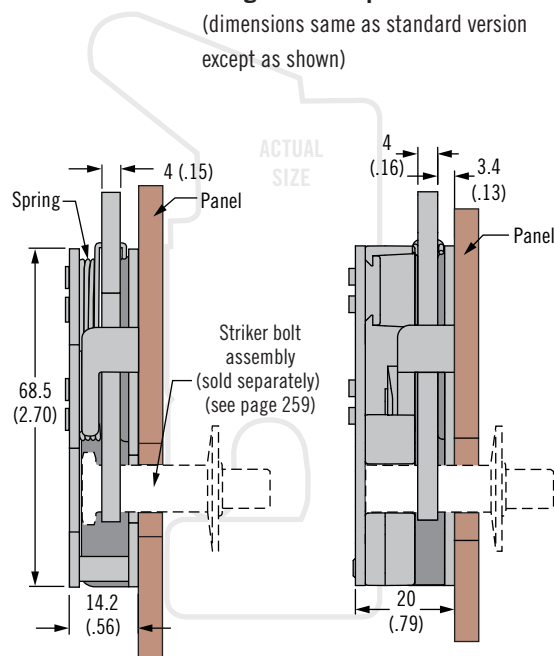


Single Stage - Top (left hand actuation shown)



Integrated Bumper

(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

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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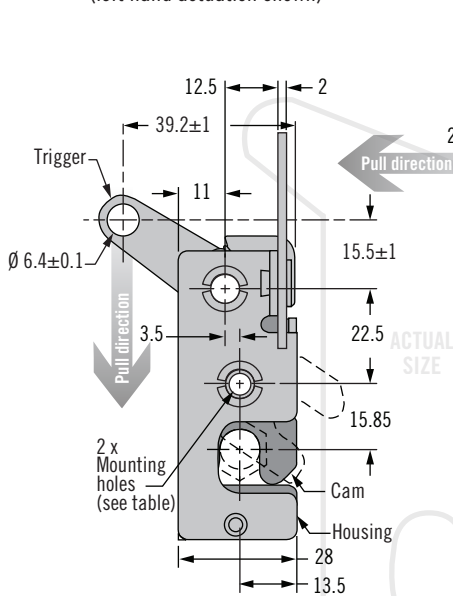
R4 Rotary Latch

Mini · Concealed · Dual Trigger · Single and two stage

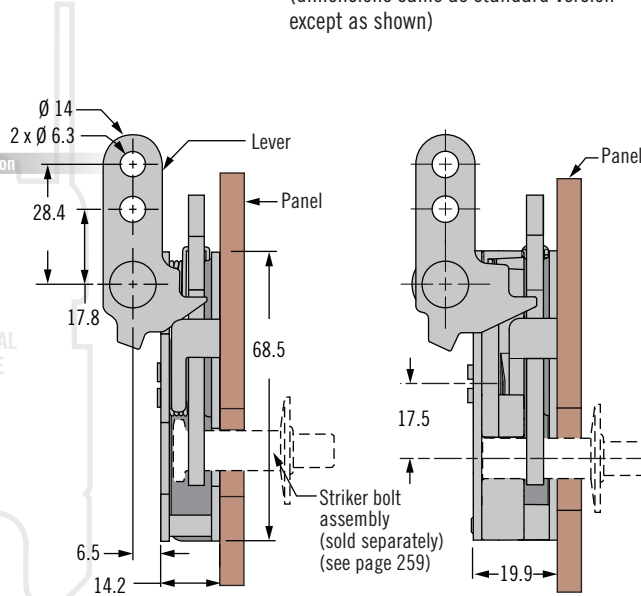


258A

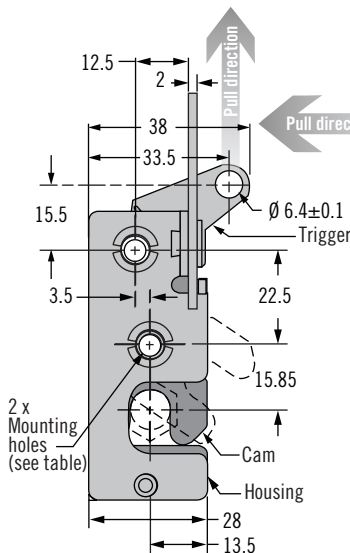
Single Stage - Dual Trigger - Bottom
(left hand actuation shown)



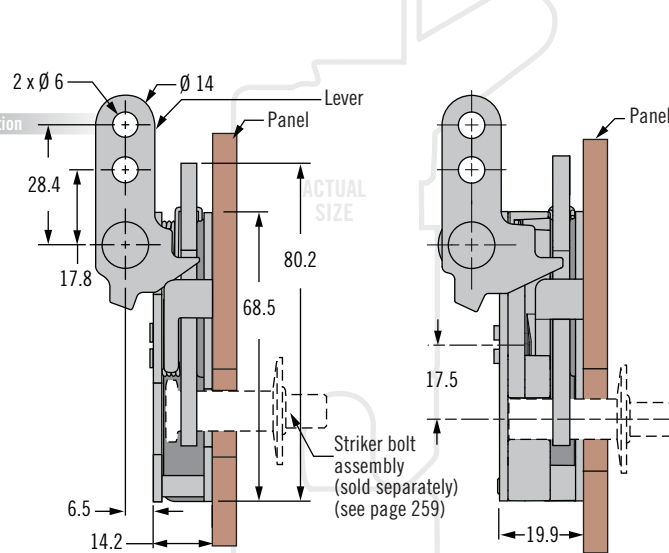
Integrated Bumper Version
(dimensions same as standard version except as shown)



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
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

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

L Lever Type

- 7 Dual Trigger, Bottom
- 8 Dual Trigger, Top

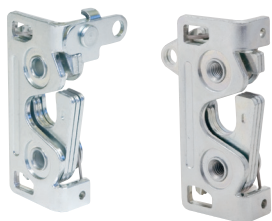
B Base Style

- 1 Standard
- 5 Integrated bumper version

M Material

- 10 Steel

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



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

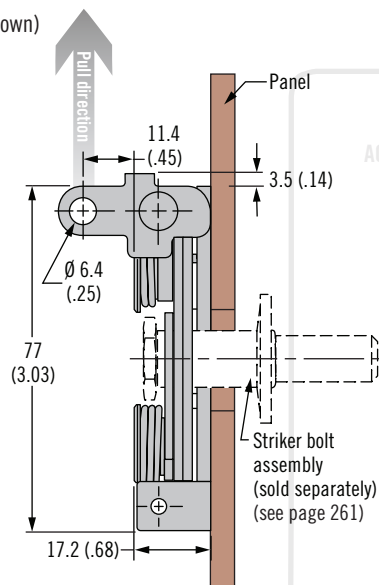
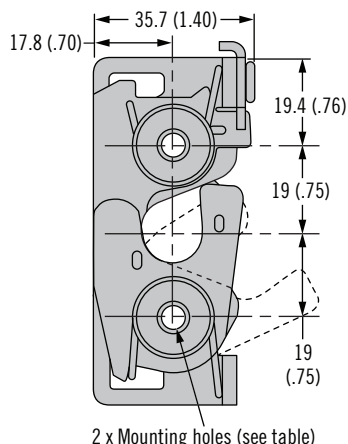
Striker bolt see page 261

Cables and retainer clips
see pages 272-275

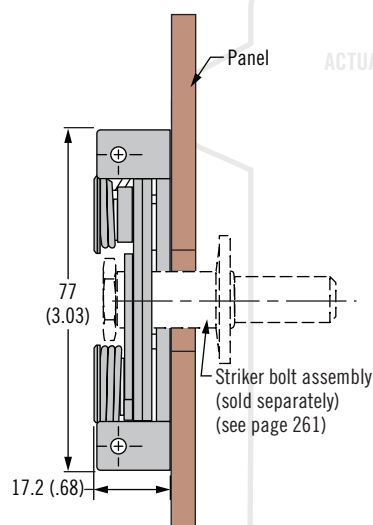
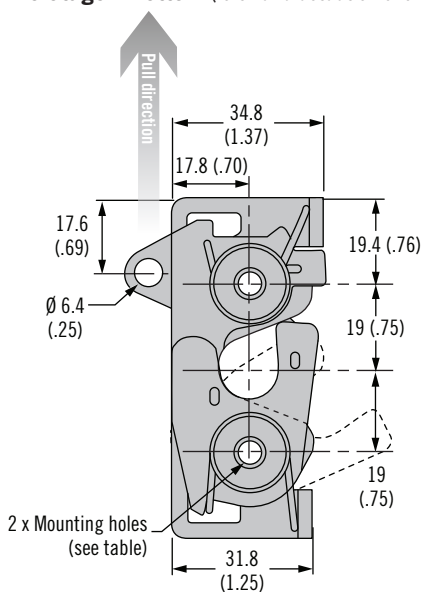
Notes

Electromechanical rotary latch
available see page 23

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 Ø7.2 (.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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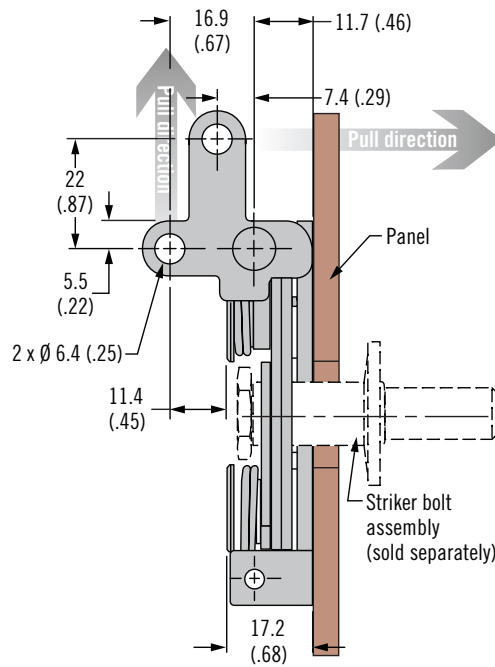
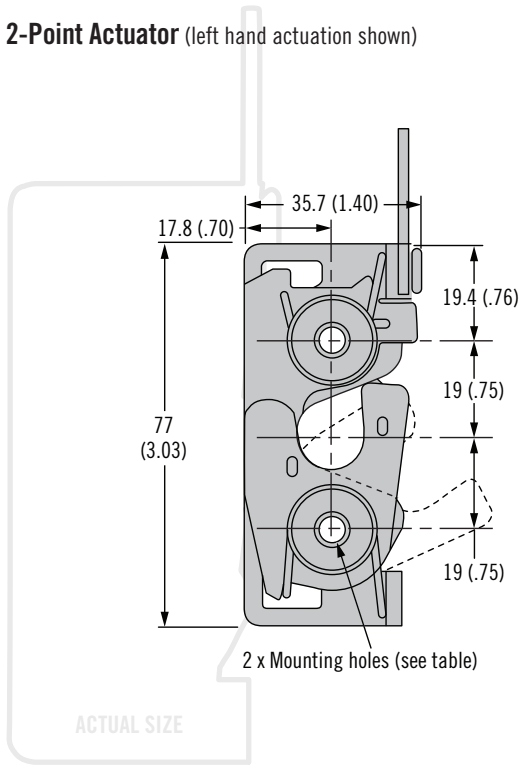
R4 Rotary Latch

Large · Concealed · Two stage

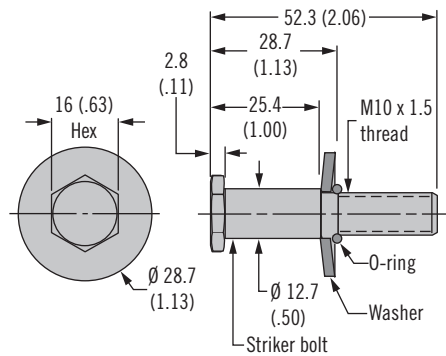
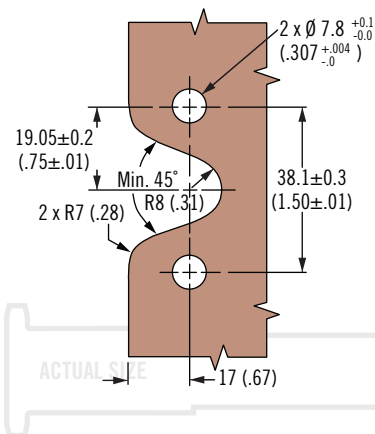


261

2-Point Actuator (left hand actuation shown)



Striker Bolt Assembly (sold separately)

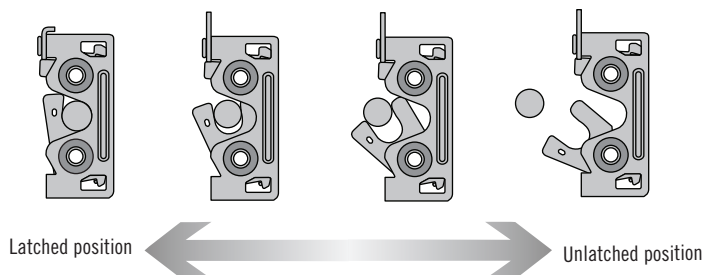


Striker Bolt Assembly Part Number

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
- EN 45545-3 E60 Compliant

Material and Finish

Steel, zinc plated

Accessories

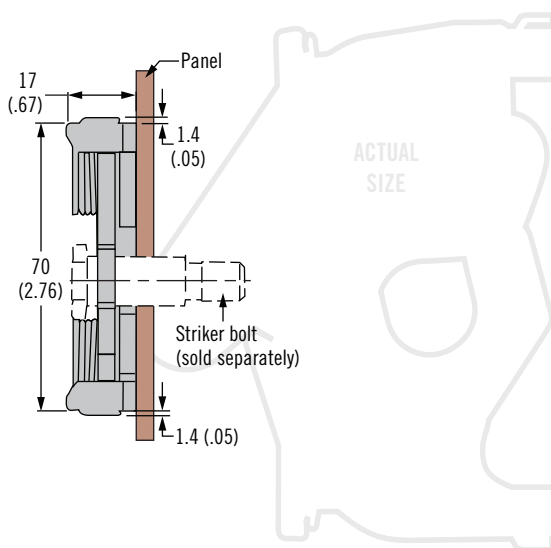
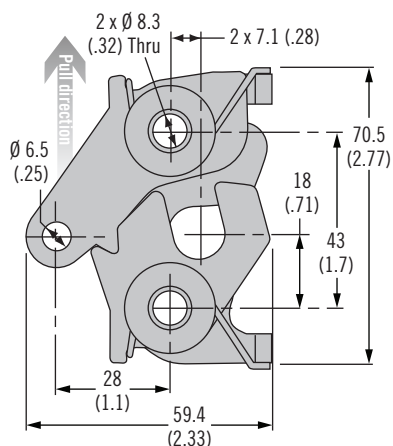
Cables and retainer clips
see pages 272-275

Notes

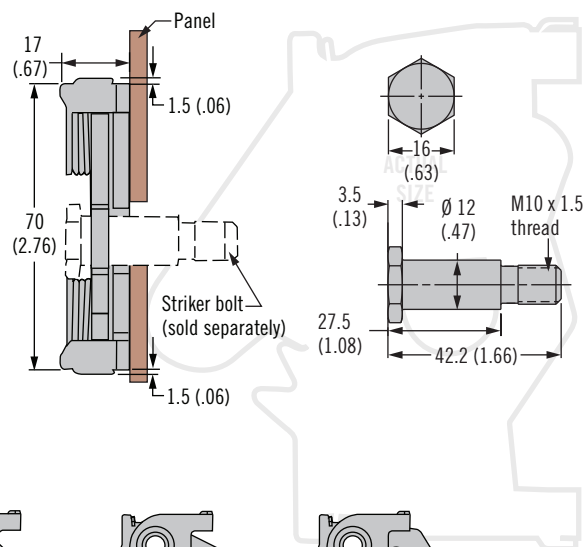
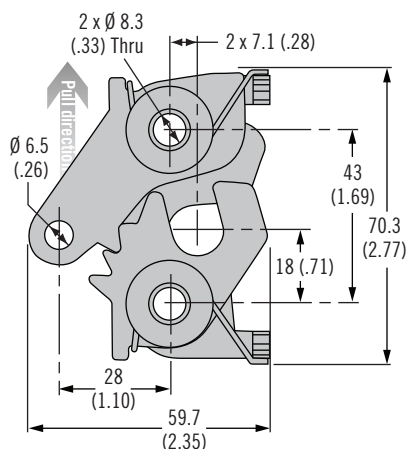
Electromechanical rotary latch
available see page 23

For panel preparation visit
www.southco.com/R4

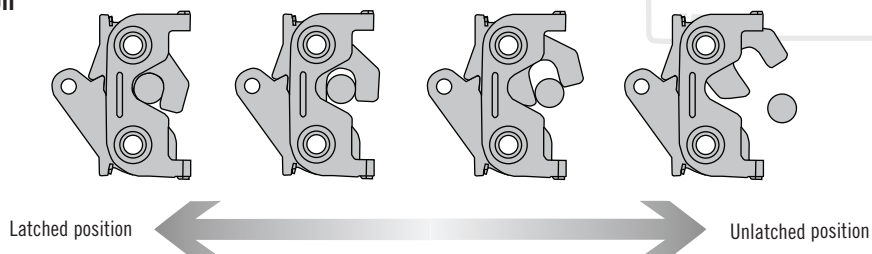
Single Stage (left hand actuation shown)



Two Stage (left hand actuation shown)



Operation



Part Number

See table

Order latch and striker separately

Position	Part Number		
	Left Hand Actuation	Right Hand Actuation	Striker Bolt
Single stage	R4-20-20-501-10	R4-20-10-501-10	R4-91-231-10
Two stage	R4-20-40-501-10	R4-20-30-501-10	

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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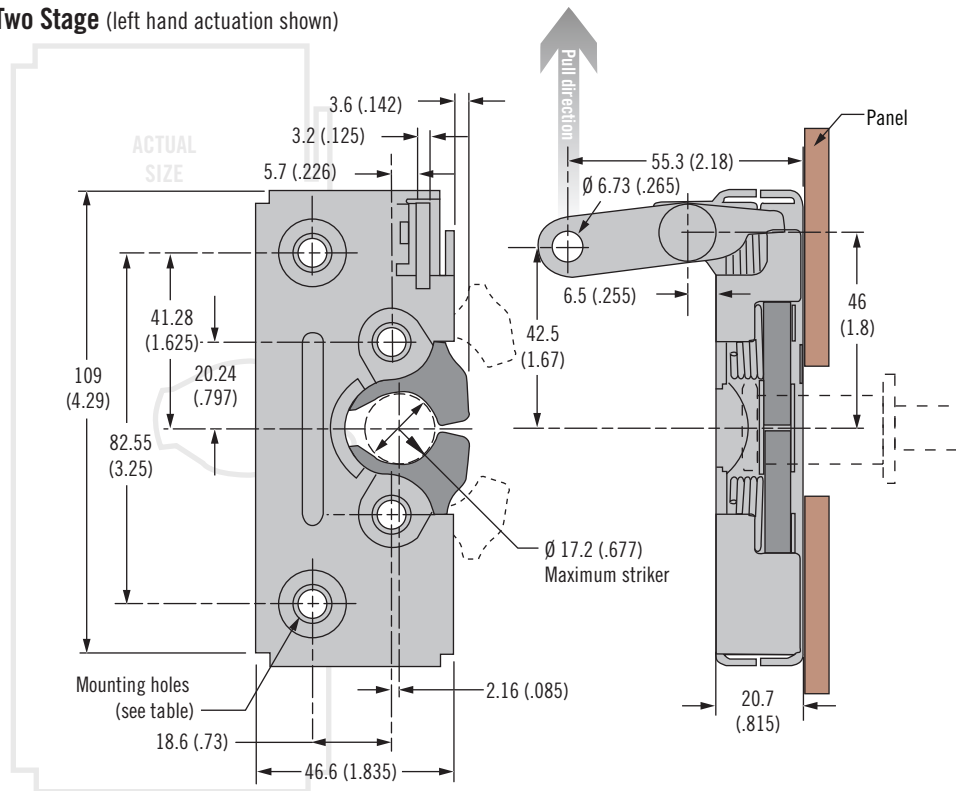
R4 Rotary Latch

Heavy-duty · Two stage

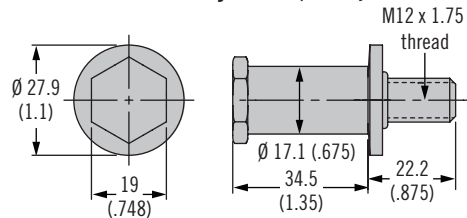


263

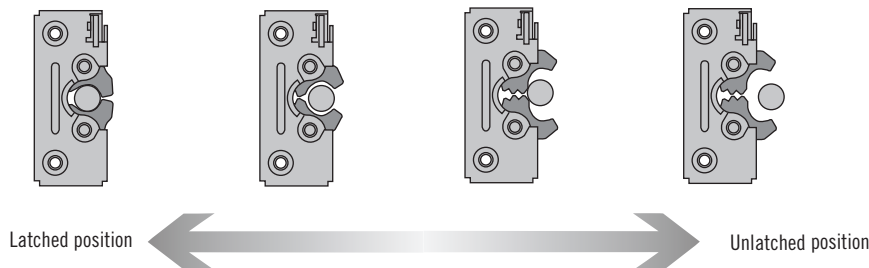
Two Stage (left hand actuation shown)



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