



# **FABENCo, Inc.**

**“The Safety Gate Company”**

Providing Safety Solutions Since 1972

## **Master Catalog & Reference Guide**



**Fall Protection • Access Control • Machine Guarding  
Pedestrian Traffic Management • Security**

Order from Dick Jones Sales  
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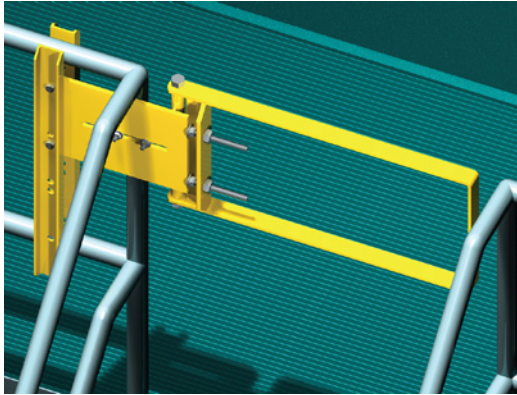
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## The Original Self-Closing Safety Gate

This series of FabEnCo Safety Gates is available in carbon steel, as well as aluminum and stainless steel for special applications/environments. FabEnCoat™ finishes include galvanized and environmentally-friendly safety yellow powder coated.

- Easy to Install • Stainless Steel Spring
- Positive Stop • Variety of FabEnCoat™ Finishes
- Fits on All Handrails • Mounts Left or Right

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

### A36 Carbon Steel Galvanized

Model No.	Fits Clear Opening*	Estimated Weight
A71-16	17-18.5"	34 lbs.
A71-18	19-21.5"	35 lbs.
A71-21	22-24.5"	35 lbs.
A71-24	25-27.5"	36 lbs.
A71-27	28-30.5"	36 lbs.
A71-30	31-33.5"	37 lbs.
A71-33	34-36.5"	37 lbs.
A71-36	37-39.5"	38 lbs.

### 6061-T6 Aluminum

Model No.	Fits Clear Opening*	Estimated Weight
A82-16	17-18.5"	14 lbs.
A82-18	19-21.5"	15 lbs.
A82-21	22-24.5"	15 lbs.
A82-24	25-27.5"	16 lbs.
A82-27	28-30.5"	16 lbs.
A82-30	31-33.5"	17 lbs.
A82-33	34-36.5"	17 lbs.
A82-36	37-39.5"	18 lbs.

### A36 Carbon Steel with Safety Yellow Powder Coat

Model No.	Fits Clear Opening*	Estimated Weight
A71-16PC	17-18.5"	34 lbs.
A71-18PC	19-21.5"	35 lbs.
A71-21PC	22-24.5"	35 lbs.
A71-24PC	25-27.5"	36 lbs.
A71-27PC	28-30.5"	36 lbs.
A71-30PC	31-33.5"	37 lbs.
A71-33PC	34-36.5"	37 lbs.
A71-36PC	37-39.5"	38 lbs.

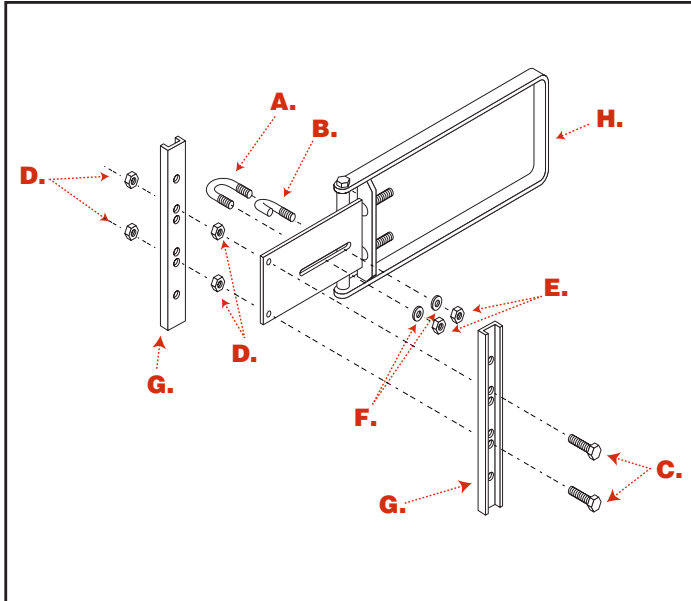
### 316L Stainless Steel

Model No.	Fits Clear Opening*	Estimated Weight
A94-16	17-18.5"	34 lbs.
A94-18	19-21.5"	35 lbs.
A94-21	22-24.5"	35 lbs.
A94-24	25-27.5"	36 lbs.
A94-27	28-30.5"	36 lbs.
A94-30	31-33.5"	37 lbs.
A94-33	34-36.5"	37 lbs.
A94-36	37-39.5"	38 lbs.

\*No adjustment when mounting at right angle; 1/4" allowed for pivot point

The standard sizes listed above are stock items. FabEnCo also manufactures custom safety gates for wider openings or unusual handrail configurations. Please contact us with your special requirements.

The FabEnCo A Series Self-Closing Safety Gate can be easily installed in minutes on all types of handrails (angle, flatbar, pipe) or to existing walls. It can be mounted left or right, on either side of a handrail. The Safety Gate's stainless steel spring automatically closes the gate after each passage and adjustment bolts provide positive stop without handrail contact.



## Hardware

Parts	Quantity
A. U-Bolt*	1
B. J-Bolt*	1
C. 1/2" Zinc-Plated Bolts	2
D. 1/2" Zinc-Plated Heavy Hex Nuts	4
E. 3/8" Zinc-Plated Heavy Hex Nuts	2
F. 3/8" Zinc-Plated Washers	2
G. Channels	2
H. Mounting Plate/Frame Assembly	1
<i>(with 2 adjustable stop bolts)</i>	

\*Use U-Bolt for installation on pipes and J-Bolt for installation on angles.

**Suggested Tools:** Adjustable Wrench and Socket Set with 7/8" and 11/16" Sockets

## Installation

**Step 1:** Insert the U-Bolt (or J-Bolt) through the slot in the Mounting Plate/Frame Assembly. Fasten to the handrail with the 3/8" Washers and 3/8" Nuts.

**Step 2:** Insert the 1/2" Bolts through the set of holes (at the desired level) on one Channel, then through the Mounting Plate/Frame Assembly. Fasten the 1/2" Nuts onto the 1/2" Bolts and tighten flush against the Mounting Plate/Frame Assembly to stabilize.

**Step 3:** Place the second Channel on the other side of the handrail and tighten with the remaining 1/2" Nuts.



## The Extended Coverage Self-Closing Safety Gate

This series of FabEnCo Safety Gates is available in carbon steel, as well as aluminum and stainless steel for special applications/environments. FabEnCoat™ finishes include galvanized and environmentally-friendly safety yellow powder coated.

- Easy to Install • Stainless Steel Spring
- Positive Stop • Variety of FabEnCoat™ Finishes
- Fits on All Handrails • Mounts Left or Right

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

### A36 Carbon Steel Galvanized

Model No.	Fits Clear Opening*	Estimated Weight
XL71-16	17-18.5"	40 lbs.
XL71-18	19-21.5"	42 lbs.
XL71-21	22-24.5"	42 lbs.
XL71-24	25-27.5"	44 lbs.
XL71-27	28-30.5"	44 lbs.
XL71-30	31-33.5"	46 lbs.
XL71-33	34-36.5"	46 lbs.
XL71-36	37-39.5"	48 lbs.

### 6061-T6 Aluminum

Model No.	Fits Clear Opening*	Estimated Weight
XL82-16	17-18.5"	20 lbs.
XL82-18	19-21.5"	22 lbs.
XL82-21	22-24.5"	22 lbs.
XL82-24	25-27.5"	24 lbs.
XL82-27	28-30.5"	24 lbs.
XL82-30	31-33.5"	26 lbs.
XL82-33	34-36.5"	26 lbs.
XL82-36	37-39.5"	28 lbs.

### A36 Carbon Steel with Safety Yellow Powder Coat

Model No.	Fits Clear Opening*	Estimated Weight
XL71-16PC	17-18.5"	40 lbs.
XL71-18PC	19-21.5"	42 lbs.
XL71-21PC	22-24.5"	42 lbs.
XL71-24PC	25-27.5"	44 lbs.
XL71-27PC	28-30.5"	44 lbs.
XL71-30PC	31-33.5"	46 lbs.
XL71-33PC	34-36.5"	46 lbs.
XL71-36PC	37-39.5"	48 lbs.

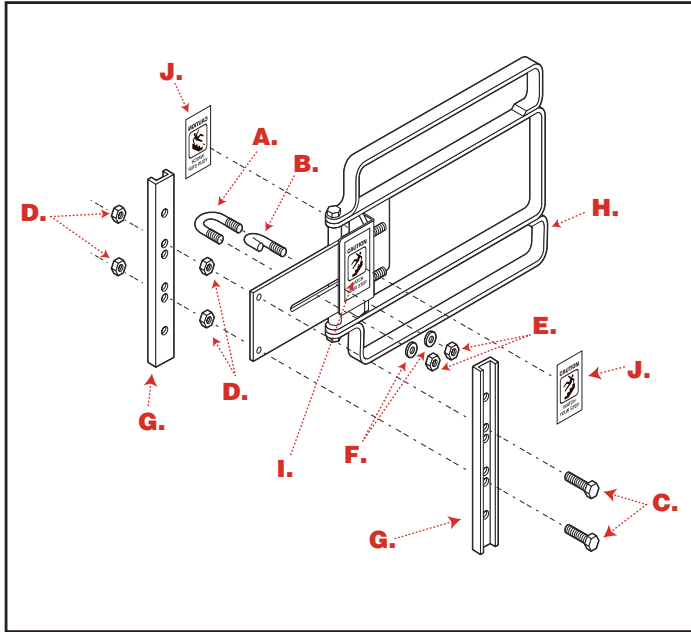
### 316L Stainless Steel

Model No.	Fits Clear Opening*	Estimated Weight
XL94-16	17-18.5"	40 lbs.
XL94-18	19-21.5"	42 lbs.
XL94-21	22-24.5"	42 lbs.
XL94-24	25-27.5"	44 lbs.
XL94-27	28-30.5"	44 lbs.
XL94-30	31-33.5"	46 lbs.
XL94-33	34-36.5"	46 lbs.
XL94-36	37-39.5"	48 lbs.

\*No adjustment when mounting at right angle; 1/4" allowed for pivot point

The standard sizes listed above are stock items. FabEnCo also manufactures custom safety gates for wider openings or unusual handrail configurations. Please contact us with your special requirements.

The FabEnCo XL Series Self-Closing Safety Gate can be easily installed in minutes on all types of handrails (angle, flatbar, pipe) or to existing walls. It can be mounted left or right, on either side of a handrail. The Safety Gate's stainless steel spring automatically closes the gate after each passage and adjustment bolts provide positive stop without handrail contact.



## Hardware

Parts	Quantity
A. U-Bolt*	1
B. J-Bolt*	1
C. 1/2" Zinc-Plated Bolts	2
D. 1/2" Zinc-Plated Heavy Hex Nuts	4
E. 3/8" Zinc-Plated Heavy Hex Nuts	2
F. 3/8" Zinc-Plated Washers	2
G. Channels	2
H. Mounting Plate/Frame Assembly	1
<i>(with 2 adjustable stop bolts)</i>	
I. Sign Kit	1
<i>(ships installed on Mounting Plate/Frame Assembly)</i>	
J. Safety Labels	2

\*Use U-Bolt for installation on pipes and J-Bolt for installation on angles.

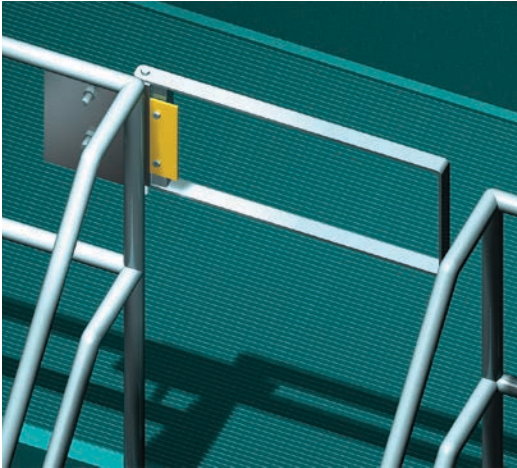
**Suggested Tools:** Adjustable Wrench and Socket Set with 7/8" and 11/16" Sockets

## Installation

**Step 1:** Insert the U-Bolt (or J-Bolt) through the slot in the Mounting Plate/Frame Assembly. Fasten to the handrail with the 3/8" Washers and 3/8" Nuts.

**Step 2:** Insert the 1/2" Bolts through the set of holes on one Channel, then through the Mounting Plate/Frame Assembly. Fasten the 1/2" Nuts onto the 1/2" Bolts and tighten flush against the Mounting Plate/Frame Assembly to stabilize.

**Step 3:** Place the second Channel on the other side of the handrail and tighten with the remaining 1/2" Nuts. Apply Safety Labels to Sign Kit.



## The Standard Bolt-On Safety Gate

This series of FabEnCo Safety Gates is available in carbon steel. FabEnCoat™ finishes include galvanized and environmentally-friendly safety yellow powder coated.

- Easy to Install • Stainless Steel Spring
- Positive Stop • Variety of FabEnCoat™ Finishes
- The Alternative to Plastic Gates

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

### A36 Carbon Steel Galvanized

Model No.	Fits Clear Opening*	Estimated Weight
R70-16	17-18.5"	22 lbs.
R70-18	19-21.5"	23 lbs.
R70-21	22-24.5"	23 lbs.
R70-24	25-27.5"	24 lbs.
R70-27	28-30.5"	24 lbs.

Gate mounts left or right

### A36 Carbon Steel with Safety Yellow Powder Coat

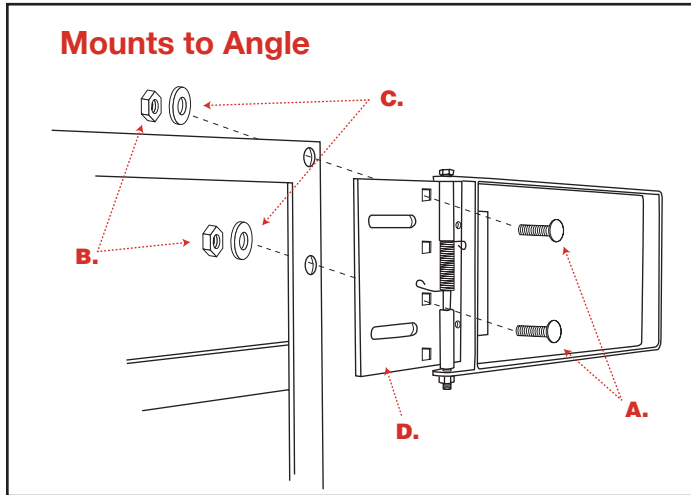
Model No.	Fits Clear Opening*	Estimated Weight
R70-16PC	17-18.5"	22 lbs.
R70-18PC	19-21.5"	23 lbs.
R70-21PC	22-24.5"	23 lbs.
R70-24PC	25-27.5"	24 lbs.
R70-27PC	28-30.5"	24 lbs.

Gate mounts left or right

*\*No adjustment when mounting at right angle; 1/4" allowed for pivot point*

**The standard sizes listed above are stock items. FabEnCo also manufactures custom safety gates for wider openings or unusual handrail configurations. Please contact us with your special requirements.**

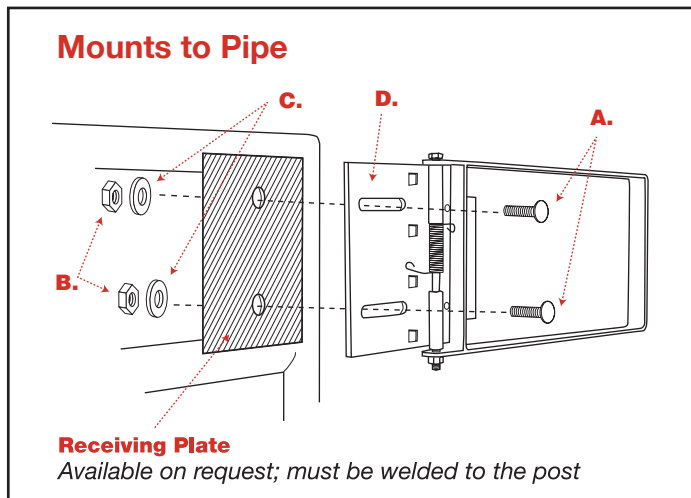
The FabEnCo R Series Self-Closing Safety Gate can be installed on all types of handrails (angle, flatbar, pipe). Choose standard or 90° stop positions.



## Hardware

Parts	Quantity
A. 5/8" Zinc-Plated Carriage Bolts .....	2
B. 5/8" Zinc-Plated Heavy Hex Nuts .....	2
C. 5/8" Zinc-Plated Lock Washers.....	2
D. Mounting Plate/Assembly Frame.....	1 (with 1 Stop Plate)

**Suggested Tools:** Adjustable Wrench and Socket Set with 1-1/16" and 9/16" Sockets



## Angle Post Installation

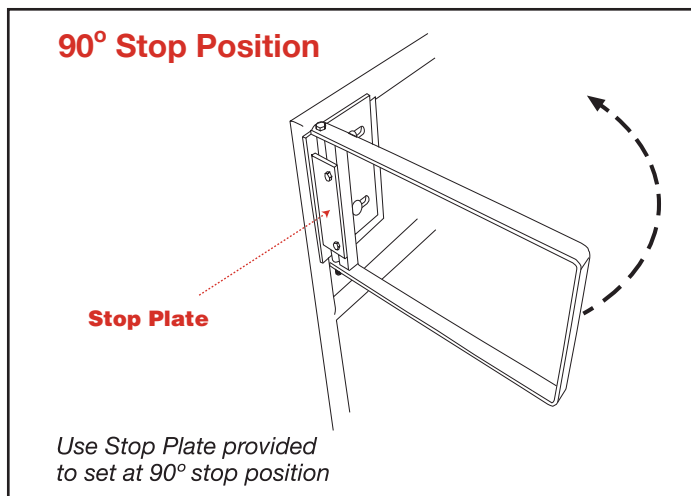
**Step 1:** Drill two holes in the angle post to fit preferred bolt position.

**Step 2:** Insert the 5/8" Carriage Bolts (A) through the holes and fasten the gate to the post with the 5/8" Heavy Hex Nuts (B) and 5/8" Lock Washers (C).

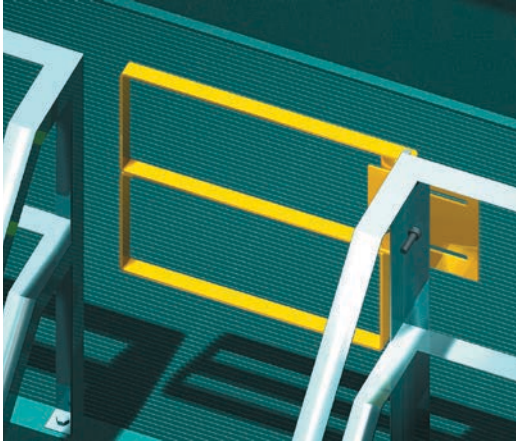
## Pipe Post Installation

**Step 1:** Weld the Receiving Plate to the pipe post.

**Step 2:** Insert the 5/8" Carriage Bolts (A) through the holes and fasten the gate to the post with the 5/8" Heavy Hex Nuts (B) and 5/8" Lock Washers (C).







## The Standard Bolt-On Extended Coverage Safety Gate

This series of FabEnCo Safety Gates is available in carbon steel. FabEnCoat™ finishes include galvanized and environmentally-friendly safety yellow powder coated.

- Easy to Install • Stainless Steel Spring
- Positive Stop • Variety of FabEnCoat™ Finishes
- The Alternative to Plastic Gates

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

### A36 Carbon Steel Galvanized

Model No.	Fits Clear Opening*	Estimated Weight
RX70-18L	19-21.5"	28 lbs.
RX70-18R	19-21.5"	28 lbs.
RX70-21L	22-24.5"	28 lbs.
RX70-21R	22-24.5"	28 lbs.
RX70-24L	25-27.5"	30 lbs.
RX70-24R	25-27.5"	30 lbs.
RX70-27L	28-30.5"	30 lbs.
RX70-27R	28-30.5"	30 lbs.
RX70-30L	31-33.5"	32 lbs.
RX70-30R	31-33.5"	32 lbs.
RX70-33L	34-36.5"	32 lbs.
RX70-33R	34-36.5"	32 lbs.

“L” denotes left-hand swing  
 “R” denotes right-hand swing

*\*No adjustment when mounting at right angle; 1/4" allowed for pivot point*

### A36 Carbon Steel with Safety Yellow Powder Coat

Model No.	Fits Clear Opening*	Estimated Weight
RX70-18PCL	19-21.5"	28 lbs.
RX70-18PCR	19-21.5"	28 lbs.
RX70-21PCL	22-24.5"	28 lbs.
RX70-21PCR	22-24.5"	28 lbs.
RX70-24PCL	25-27.5"	30 lbs.
RX70-24PCR	25-27.5"	30 lbs.
RX70-27PCL	28-30.5"	30 lbs.
RX70-27PCR	28-30.5"	30 lbs.
RX70-30PCL	31-33.5"	32 lbs.
RX70-30PCR	31-33.5"	32 lbs.
RX70-33PCL	34-36.5"	32 lbs.
RX70-33PCR	34-36.5"	32 lbs.

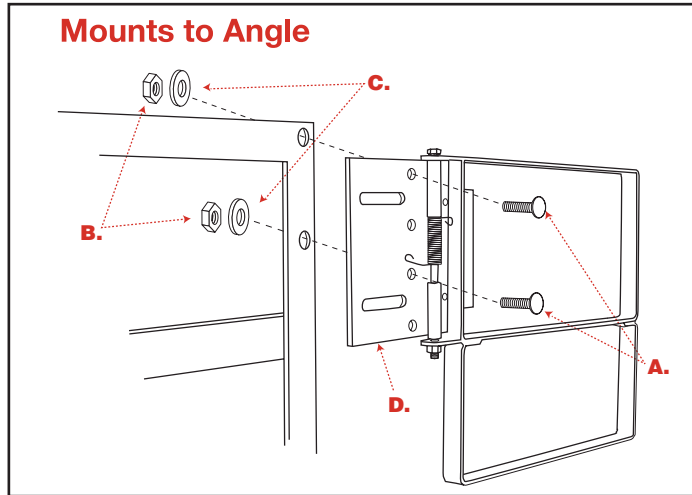
“L” denotes left-hand swing  
 “R” denotes right-hand swing

The RX Series is the only gate that requires a swing direction to be specified because the mounting plate is at the top of the gate rather than the center and, therefore, cannot be reversed (flipped) to fit both the right and left hand side of a handrail.

RX Series safety gates have an L (left) or R (right) designation. This designation indicates the direction the gate swings when you push the gate open to walk through the protected opening.

**The standard sizes listed above are stock items. FabEnCo also manufactures custom safety gates for wider openings or unusual handrail configurations. Please contact us with your special requirements.**

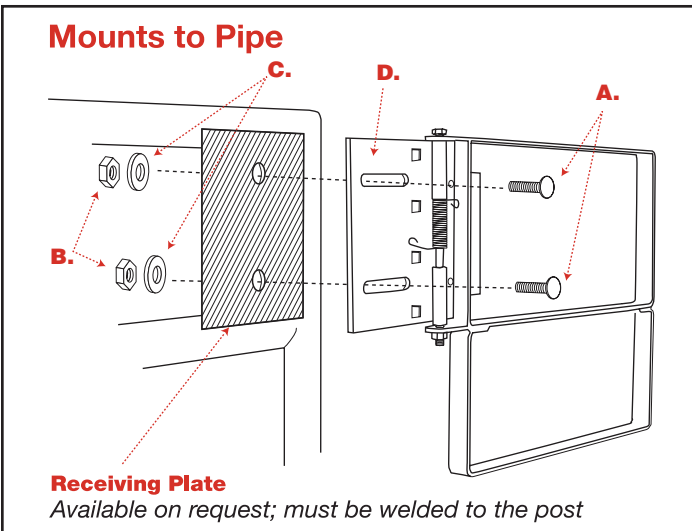
The FabEnCo RX Series Self-Closing Safety Gate can be installed on all types of handrails (angle, flatbar, pipe). Choose standard or 90° stop positions.



## Hardware

Parts	Quantity
A. 5/8" Zinc-Plated Carriage Bolts .....	2
B. 5/8" Zinc-Plated Heavy Hex Nuts .....	2
C. 5/8" Zinc-Plated Lock Washers.....	2
D. Mounting Plate/Assembly Frame .....	1
<i>(with 1 Stop Plate)</i>	

**Suggested Tools:** Adjustable Wrench and Socket Set with 1-1/16" and 9/16" Sockets



## Angle Post Installation

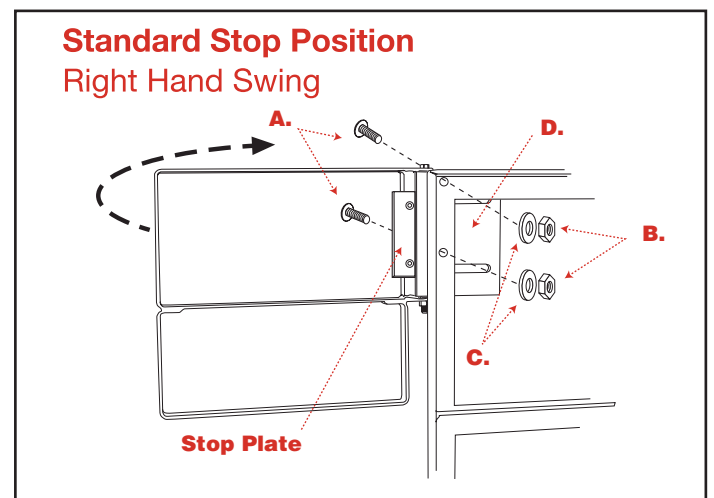
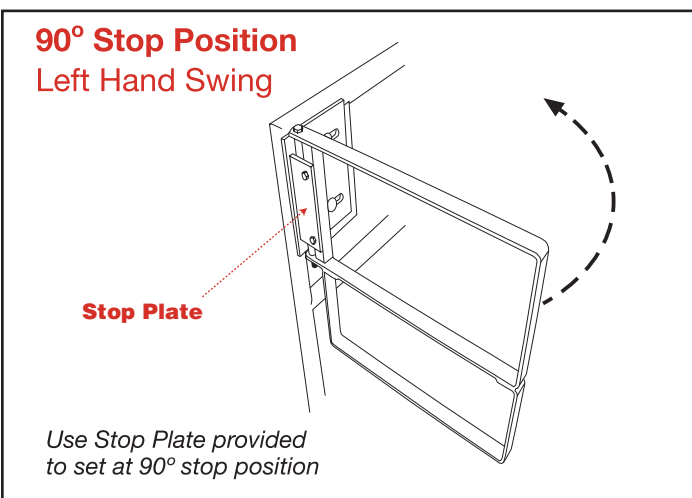
**Step 1:** Drill two holes in the angle post to fit preferred bolt position.

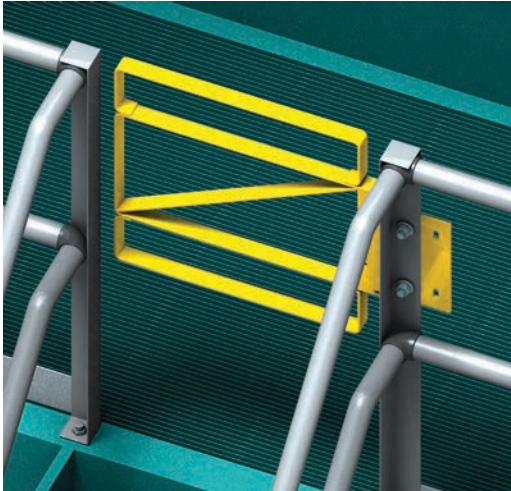
**Step 2:** Insert the 5/8" Carriage Bolts (A) through the holes and fasten the gate to the post with the 5/8" Heavy Hex Nuts (B) and 5/8" Lock Washers (C).

## Pipe Post Installation

**Step 1:** Weld the Receiving Plate to the pipe post.

**Step 2:** Insert the 5/8" Carriage Bolts (A) through the holes and fasten the gate to the post with the 5/8" Heavy Hex Nuts (B) and 5/8" Lock Washers (C).





## The Safety Gate for New Construction

This series of FabEnCo Safety Gates is available in carbon steel. FabEnCoat™ finishes include galvanized and environmentally-friendly safety yellow powder coated.

- Easy to Install • Stainless Steel Spring
- Positive Stop • Variety of FabEnCoat™ Finishes
- Fits on All Handrails • Mounts Left or Right

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

### A36 Carbon Steel Galvanized

Model No.	Fits Clear Opening *	Estimated Weight
Z70-21	22-24.5"	33 lbs.
Z70-24	25-27.5"	35 lbs.
Z70-27	28-30.5"	37 lbs.
Z70-30	31-33.5"	39 lbs.
Z70-33	34-36.5"	41 lbs.
Z70-36	37-39.5"	43 lbs.

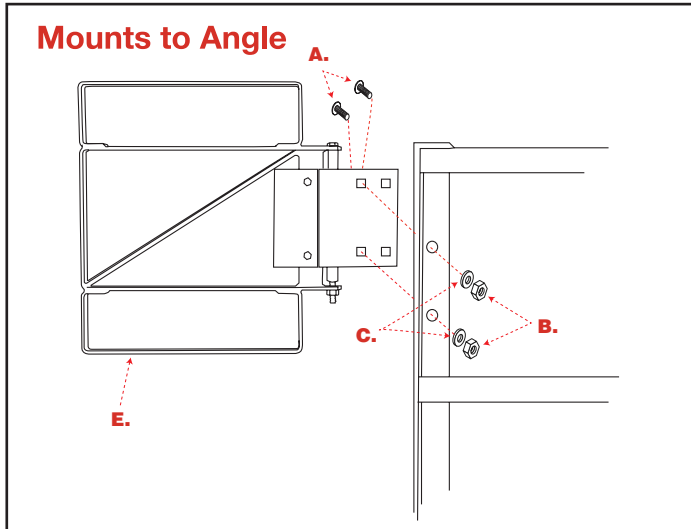
### A36 Carbon Steel with Safety Yellow Powder Coat

Model No.	Fits Clear Opening *	Estimated Weight
Z70-21PC	22-24.5"	33 lbs.
Z70-24PC	25-27.5"	35 lbs.
Z70-27PC	28-30.5"	37 lbs.
Z70-30PC	31-33.5"	39 lbs.
Z70-33PC	34-36.5"	41 lbs.
Z70-36PC	37-39.5"	43 lbs.

*\*No adjustment when mounting at right angle; 1/4" allowed for pivot point*

**The standard sizes listed above are stock items. FabEnCo also manufactures custom safety gates for wider openings or unusual handrail configurations. Please contact us with your special requirements.**

The FabEnCo Z Series Self-Closing Safety Gate can be installed on all types of handrails (angle, flatbar, pipe) or to existing walls. It can be mounted left or right, on either side of a handrail. You can choose a standard or 90° stop position. Once installed, our custom stainless steel spring automatically closes the gate after each passage.



## Hardware

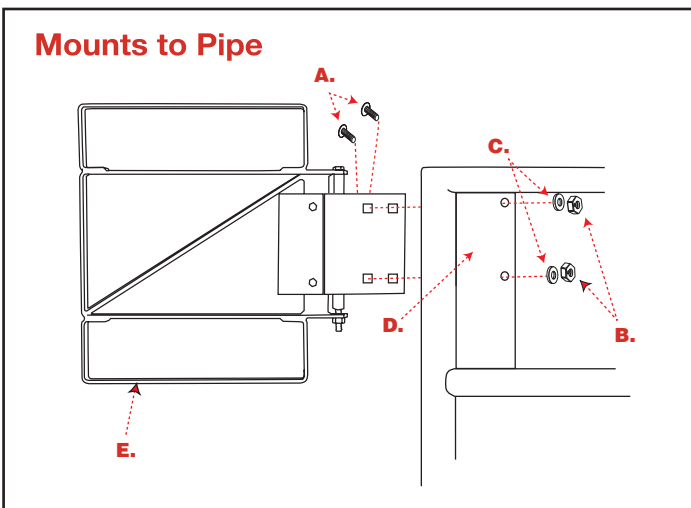
Parts	Quantity
A. 5/8" Zinc-Plated Carriage Bolts .....	2
B. 5/8" Zinc-Plated Heavy Hex Nuts .....	2
C. 5/8" Zinc-Plated Lock Washers.....	2
D. Pipe Post Adapter.....	1
E. Mounting Plate/Assembly Frame .....	1
<i>(with 1 Stop Plate)</i>	

**Suggested Tools:** 1-1/16" Socket

## Angle Post Installation

**Step 1:** Using the Pipe Post Adapter (D - see "Mounts to Pipe" illustration) as a template, drill two holes in the angle post to fit preferred bolt position.

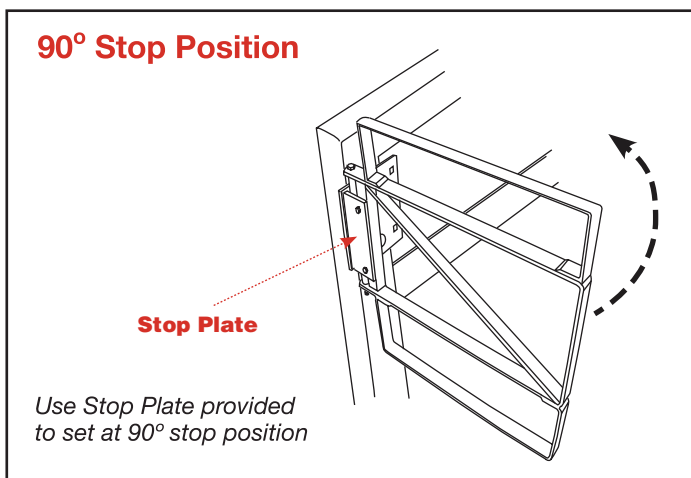
**Step 2:** Insert the 5/8" Carriage Bolts (A) through the holes and fasten the gate to the post with the 5/8" Heavy Hex Nuts (B) and 5/8" Lock Washers (C).

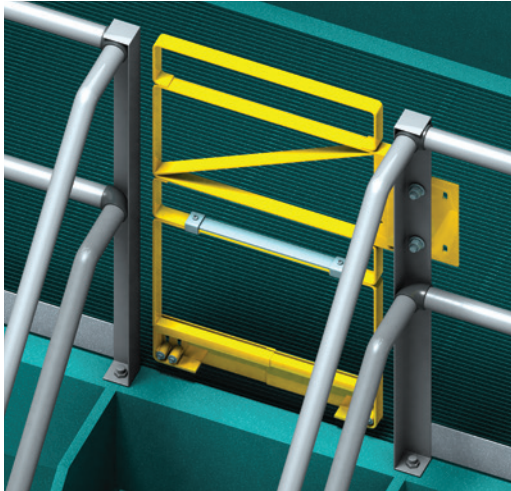


## Pipe Post Installation

**Step 1:** Weld the Pipe Post Adapter (D) to the pipe post.

**Step 2:** Insert the 5/8" Carriage Bolts (A) through the holes and fasten the gate to the post with the 5/8" Heavy Hex Nuts (B) and 5/8" Lock Washers (C).





## The Full Coverage Safety Gate

This series of FabEnCo Safety Gates is available in carbon steel. FabEnCoat™ finishes include galvanized and environmentally-friendly safety yellow powder coated.

- Easy to Install** • **Stainless Steel Spring**
- Positive Stop** • **Variety of FabEnCoat™ Finishes**
- Fits on All Handrails** • **Mounts Left or Right**

Determining the proper gate size for your application only requires the measurement of the inside clear opening.

### A36 Carbon Steel Galvanized

Model No.	Fits Clear Opening *	Estimated Weight
ZT70-21	22-24.5"	49 lbs.
ZT70-24	25-27.5"	51 lbs.
ZT70-27	28-30.5"	53 lbs.
ZT70-30	31-33.5"	55 lbs.
ZT70-33	34-36.5"	57 lbs.
ZT70-36	37-39.5"	59 lbs.

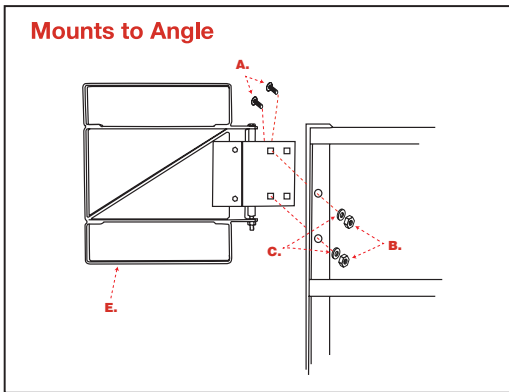
### A36 Carbon Steel with Safety Yellow Powder Coat

Model No.	Fits Clear Opening *	Estimated Weight
ZT70-21PC	22-24.5"	49 lbs.
ZT70-24PC	25-27.5"	51 lbs.
ZT70-27PC	28-30.5"	53 lbs.
ZT70-30PC	31-33.5"	55 lbs.
ZT70-33PC	34-36.5"	57 lbs.
ZT70-36PC	37-39.5"	59 lbs.

*\*No adjustment when mounting at right angle; 1/4" allowed for pivot point*

**The standard sizes listed above are stock items. FabEnCo also manufactures custom safety gates for wider openings or unusual handrail configurations. Please contact us with your special requirements.**

The FabEnCo ZT Series Self-Closing Safety Gate can be installed on all types of handrails (angle, flatbar, pipe) or to existing walls. It can be mounted left or right, on either side of a handrail. You can choose a standard or 90° stop position. Once installed, our custom stainless steel spring automatically closes the gate after each passage.

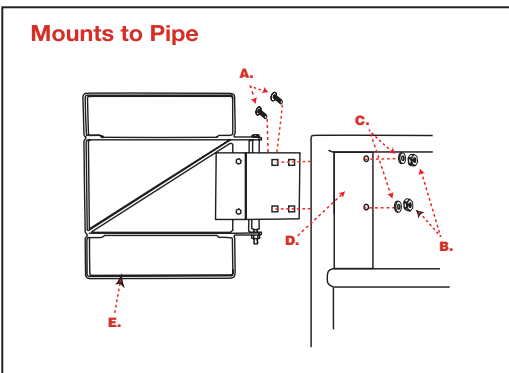


## Hardware

Parts	Quantity
A. 5/8" Zinc-Plated Carriage Bolts .....	2
B. 5/8" Zinc-Plated Heavy Hex Nuts .....	2
C. 5/8" Zinc-Plated Lock Washers.....	2
D. Pipe Post Adapter.....	1
E. Mounting Plate/Assembly Frame.....	1

*(with 1 Stop Plate)*

**Suggested Tools:** 1-1/16" Socket



## Angle Post Installation

**Step 1:** Using the Pipe Post Adapter (D - see "Mounts to Pipe" illustration) as a template, drill two holes in the angle post to fit preferred bolt position.

**Step 2:** Insert the 5/8" Carriage Bolts (A) through the holes and fasten the gate to the post with the 5/8" Heavy Hex Nuts (B) and 5/8" Lock Washers (C).

## Pipe Post Installation

**Step 1:** Weld the Pipe Post Adapter (D) to the pipe post.

**Step 2:** Insert the 5/8" Carriage Bolts (A) through the holes and fasten the gate to the post with the 5/8" Heavy Hex Nuts (B) and 5/8" Lock Washers (C).

## Toe Board Kit

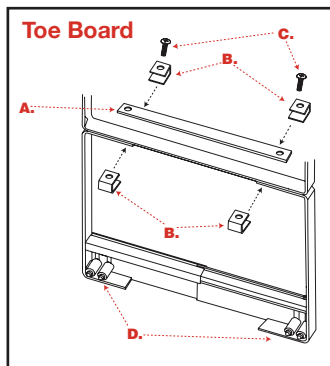
The FabEnCo Toe Board Kit is a clamp-on extension for Z Gates that provides continued handrail/toe board protection across the ladderway opening.

**Step 1:** Pull Toe Board Frame open to match safety gate frame.

**Step 2:** Center Spacer Bar (A) on bottom rail of safety gate.

**Step 3:** Align top of Toe Board Frame with safety gate frame.

**Step 4:** Slide Clamp Clips (B) in place and align holes with threaded holes in Spacer Bar (A).



## Hardware

Parts	Quantity
A. Spacer Bar .....	1
B. Clamp Clips.....	4
C. Clip Bolts.....	2
D. Height Adjustment "U" Bolts.....	2

**Suggested Tools:**  
7/32" Allen Wrench and 11/16" Socket

**Step 5:** Tighten Clamp Clips (B) to Spacer Bar (A) with Clip Bolts (C) to secure assembly.

**Step 6:** Set Toe Board height and secure Height Adjustment "U" Bolts (D) using a 11/16" socket.

## Toe Board Kit

### Optional Clamp-On Extension for Z, XL and RX Gates

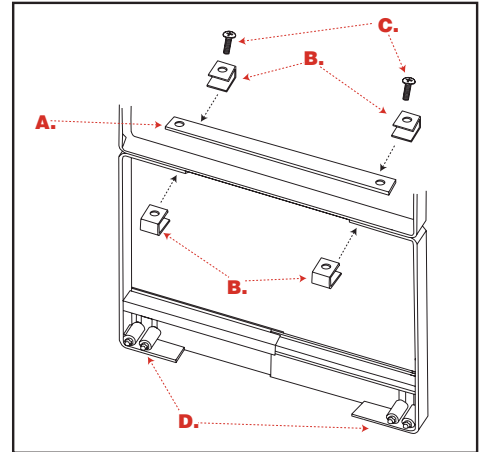
FabEnCo's Toe Board Kit provides continued handrail/toe board protection across the ladderway opening and is available in carbon steel. FabEnCoat™ finishes include galvanized and environmentally-friendly safety yellow powder coated.

**Easy to Install • Variety of FabEnCoat™ Finishes**



## Hardware

Parts	Quantity
A. Spacer Bar .....	1
B. Clamp Clips.....	4
C. Clip Bolts.....	2
D. Height Adjustment "U" Bolts.....	2



**Step 1:** Pull Toe Board Frame open to match safety gate frame.

**Step 2:** Center Spacer Bar (A) on bottom rail of safety gate.

**Step 3:** Align top of Toe Board Frame with safety gate frame.

**Step 4:** Slide Clamp Clips (B) in place and align holes with threaded holes in Spacer Bar (A).

**Step 5:** Tighten Clamp Clips (B) to Spacer Bar (A) with Clip Bolts (C) to secure assembly.

**Step 6:** Set Toe Board height and secure Height Adjustment "U" Bolts (D) using a 11/16" socket.

**Suggested Tools** – 7/32" Allen Wrench and 11/16" Socket

## Custom Springs

FabEnCo provides a full line of custom springs for standard spring replacement, high-cycle/high-traffic operations, heavy duty applications and special environment conditions.



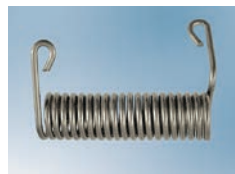
**7601L** - Replacement spring for gate models A71-16 to A71-27 and R70-16 to R70-27  
 Material: 316 Stainless Steel  
 Length: 2.75"  
 Number of coils: 21



**7601HD** - Heavy-duty spring for larger gates and/or gates with toe boards in which the overall weight is greater  
 Material: 316 Stainless Steel  
 Length: 3.4"  
 Number of coils: 18



**7601M** - Replacement spring for gate models XL, Z, RX and A71-30 to A71-36 (and R70-30 to R70-36)  
 Material: 316 Stainless Steel  
 Length: 2.5"  
 Number of coils: 16



**7601SP** - Spaced spring for gritty environments  
 Material: 316 Stainless Steel  
 Length: 3.6"  
 Number of coils: 20



**7601HC** - High-cycle spring for pedestrian, ground level, or high-traffic use  
 Material: 17-7 Stainless Steel  
 Length: 3.125"  
 Number of coils: 19

In addition to our standard series of safety gates, FabEnCo offers our customers the ability to order custom safety gates to meet their unique applications.

**In general, there are three types of custom gates:**

1) Custom length, standard mount 2) Custom length, custom mount 3) Standard length, custom mount

**When ordering a custom gate, please follow these steps:**

**Step 1: If possible, send a photograph or a drawing of the opening to be protected**

**Step 2: Determine the length of the clear opening to be protected**

*(smallest gate frame: 8", smallest opening: 9" • largest gate frame: 60", largest opening: 124")*

**9" – 16"**

- Custom, smaller size (we typically recommend 2" shorter than the clear opening, but 1" is possible)

**40" – 62"**

- Option 1: Mount two standard gates in saloon style
  - Take opening size and divide in half to determine standard size needed
- Option 2: Mount a single, custom length gate
  - Gate size is 2" shorter than clear opening length – up to 60" (largest single gate)
  - Custom gate has two mounting plates and offers top rail/mid rail coverage with support bars in frame

**63" – 124"**

- Mount two gates in a saloon style
  - Two standard sizes or two custom sizes (depending on opening size)

**Step 3: Determine mounting style**

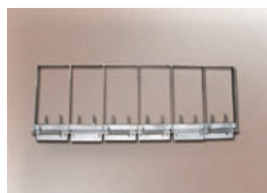
What type of handrail?

- Pipe
- Angle
- Wall
- Square Tube
- Flat Bar
- Channel
- Multiple Types *(for one opening)*

**Step 4: Specify additional options/requirements/considerations**

- Swing direction (left-hand or right-hand swing)
- Installed on elevated platform or ground level application
- Required vertical coverage
- Toe Board (extends vertical coverage to the floor, includes 4" toe board)
- Expanded metal
- Full 12-gauge metal
- Tear-drop bumpers
- Locking capability
- Latching capability
- Specific application and/or location
- Desired material and/or coating

**Step 5: Specify quantity**





## Where is a self-closing safety gate required?

The most common application for FabEnCo self-closing safety gates is fall protection on an elevated work platform with an unprotected opening, such as a ladderway or stair opening. Please see OSHA regulations under 1910.23 – Guarding Floor and Wall Openings and Holes below:

### 1910.23(a)(2) “Protection for floor openings”

Every ladderway floor opening or platform shall be guarded by a standard railing with standard toeboard on all exposed sides (except at entrance to opening), with the passage through the railing either provided with a swinging gate or so offset that a person cannot walk directly into the opening.

### 1910.23(c)(1) “Protection of open-sided floors, platforms, and runways”

Every open-sided floor or platform 4 feet or more above adjacent floor or ground level shall be guarded by a standard railing (or the equivalent as specified in paragraph (e)(3) of this section) on all open sides except where there is entrance to a ramp, stairway, or fixed ladder. The railing shall be provided with a toe board wherever, beneath the open sides,

#### 1910.23(c)(1)(i)

Persons can pass,

#### 1910.23(c)(1)(ii)

There is moving machinery, or

#### 1910.23(c)(1)(iii)

There is equipment with which falling materials could create a hazard.

## Other than fall protection, what are other uses for safety gates?

FabEnCo safety gates can provide additional safety solutions, including access control, machine guarding, pedestrian traffic management and security.

## Do your safety gates meet OSHA’s load requirements?

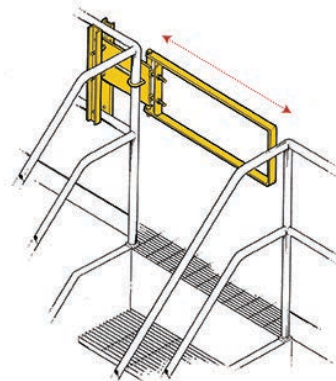
Yes, we have tested our standard safety gate models to meet and exceed OSHA’s 200 pounds top rail pressure requirement.

### 1910.23(e)(3)(v)(b)

A strength to withstand at least the minimum requirement of 200 pounds top rail pressure;

## How do I determine what size safety gate I need?

Simply measure the rail-to-rail clear opening between your handrails, then find the corresponding size needed on your desired safety gate model size list. For most safety gate models, we offer eight standard sizes fitting clear openings 17” to 39.5”.



## How do your safety gates stop without hitting the opposite handrail and how large is the gap in between?

All safety gate models have a positive stop near the gate hinge, allowing the gate to stop without hitting the opposite handrail. This eliminates the pinch point between the gate and handrail.

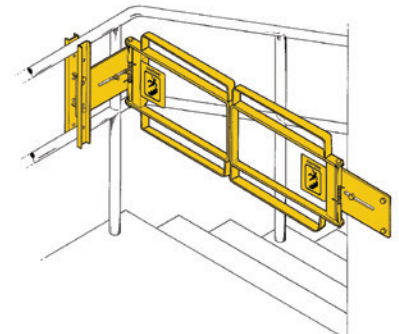
- A and XL Series – adjustable stop bolts
- R, RX, Z and ZT Series – stop plate

Our safety gate sizes and corresponding clear opening widths allow for a 1” to 3” gap between the gate and opposite handrail, however you may adjust this distance as needed with slight adjustments to the mounting position. Please note that there is no adjustment available when mounting at 90° to the handrail.

## Can your safety gates be mounted at 90° to the handrail?

Yes, all safety gate models can be mounted at 90° to the handrail with simple adjustment.

- A and XL Series – adjust the stop bolts to your desired position up to 90°
- R, RX, Z and ZT Series – reverse the direction of the stop plate for a 90° mount



## Can your safety gates be mounted to a wall?

Yes, all safety gate models can be mounted to various wall types either in-line at the wall edge or at 90° to the wall surface. If requested, the A and XL Series can be purchased without the mounting channels for a wall mount. Please note that for some wall types, additional hardware, including anchors, is not provided.

## I'm not sure if I need galvanized or safety yellow powder coated safety gates. What do you recommend?

Both the hot-dipped galvanizing and the powder coating finishes are of excellent quality.

The hot-dipped galvanizing process creates a corrosion resistance and protection that becomes part of the metal. A scratch will be thoroughly protected by the zinc within the metal.

The powder coating process has a base layer of a baked-on zinc-rich epoxy followed by the yellow baked-on powder coat; therefore, a scratch to the coating will not degrade the protection beneath.