

STAINLESS STEEL COMPONENTS

bezdanstainlesssteel.com

Create Custom Glass Railings

Glass railings have the potential to transform stairs, balconies, decks, and fences from average to exceptional. Combined with contemporary stainless steel components, glass railings make a defining statement for residential, commercial, institutional and industrial projects.

Create custom glass railings with a variety of highly functional and versatile stainless steel components.

Glass Clamps

Glass clamps offer a surface mount solution for frameless glass railings. Available in a round, smooth form, glass clamps provide high design and showcase the beauty and transparency of glass.

Glass Adapters

Glass adapters offer a fascia mount solution for frameless glass railings. Available in round form, glass adapters are space saving solutions that maximize sightlines with minimal hardware.

Tubing and Handrail Components

Create posts and handrail from tubing for baluster style railings. Available in round form for a smooth, elegant appearance. Combine with seamless elbows and handrail brackets to complete the look.

Glass Clips

Glass clips secure glass panels in baluster style railings. Available in round and square forms in a variety of sizes and choices of materials to suit design preferences.

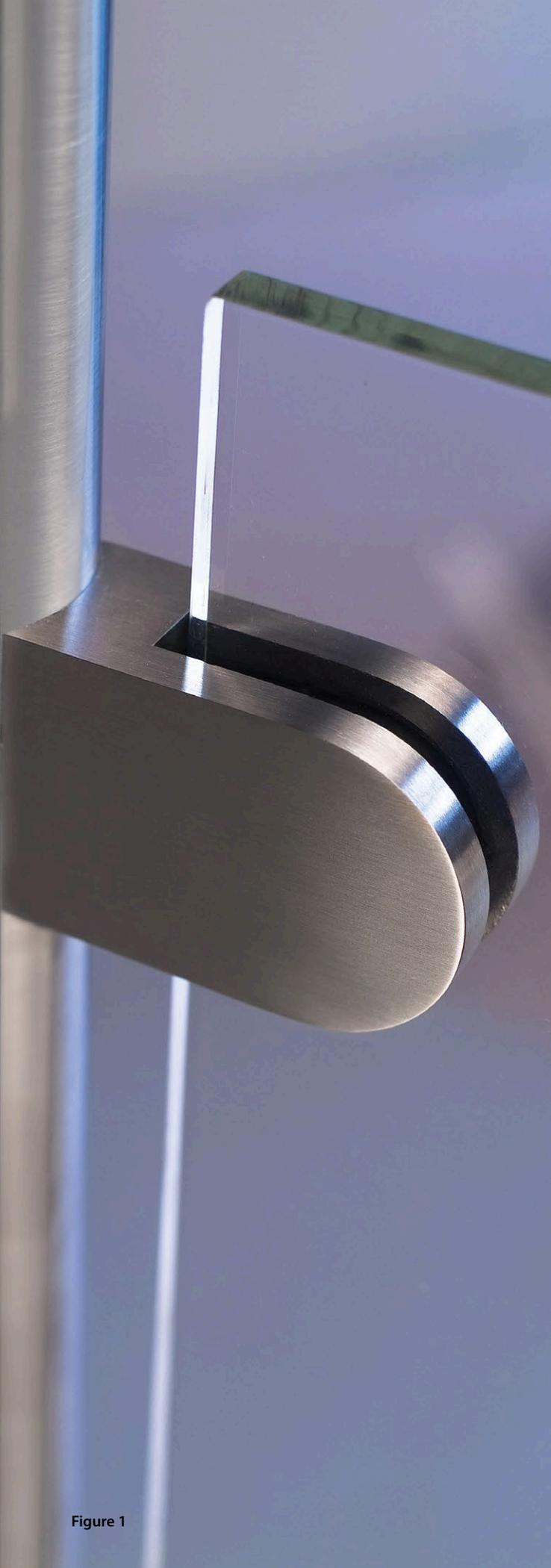


Figure 1

STAINLESS STEEL COMPONENTS

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Stainless Steel for Indoor and Outdoor Use

Ordinary steel is naturally corrosive, whereas stainless steel is an alloy composed of varying amounts of added metals to create long lasting corrosion, rust and stain resistant properties. Stainless steel is naturally protected by a passive layer of chromium oxide when chromium in the alloy combines with oxygen in the atmosphere.

Stainless steel is distinguished by type according to its alloy composition. The most common stainless steels used in architectural applications are Alloys 201, 304 and 316. Selecting the right stainless steel should be determined by the potential exposure to environmental corrosion.

ALLOYS 201 OR 304

Alloys 201 and 304 are used in low corrosion interior applications, with 304 even withstanding mildly corrosive exterior applications.

ALLOY 316

Alloy 316 is recommended for outdoor use as it is highly resistant to corrosion and can withstand exposure to sea water, deicing salt, high industrial or urban pollution, as well as humidity.

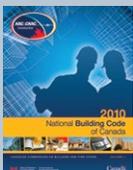
INDOOR = Alloys 201 or 304
INDOOR **OUTDOOR** = Alloy 316
OUTDOOR = Alloy 316

Corrosion	Suitable for	Alloy 201 or 304	Alloy 316
Low	Indoor structures (no wet spaces).	✓	✓
Moderate	Indoor structures without noticeable chlorine and sulphur dioxide load (e.g. semi-chemical factories).	✓	✓
Medium	Outdoor structures with moderate chlorine and sulphur dioxide load (e.g. inland, at least 15.5 miles from the coast or other aquatic environments).	✗	✓
High	Outdoor structures with a high degree of corrosion due to chlorine and/or sulphur dioxide load; high humidity; accumulation of harmful substances (e.g. in coastal regions and swimming pool environments).	✗	✓

MAINTENANCE

The level of maintenance required to keep stainless steel attractive in any given environment is determined by the stainless steel grade, finish, location, design, and aesthetic preferences. See the Stainless Steel Care and Maintenance Guide in "Resources" for more information.

Building Code Information



This product information is not intended for use as a recommendation for using or installing glass clamps, adapters and clips. It is the customer's responsibility to ensure compliance with local, provincial or national building codes. Always consult with your local building department or licensed engineer before starting your project to ensure compliance with your local code.

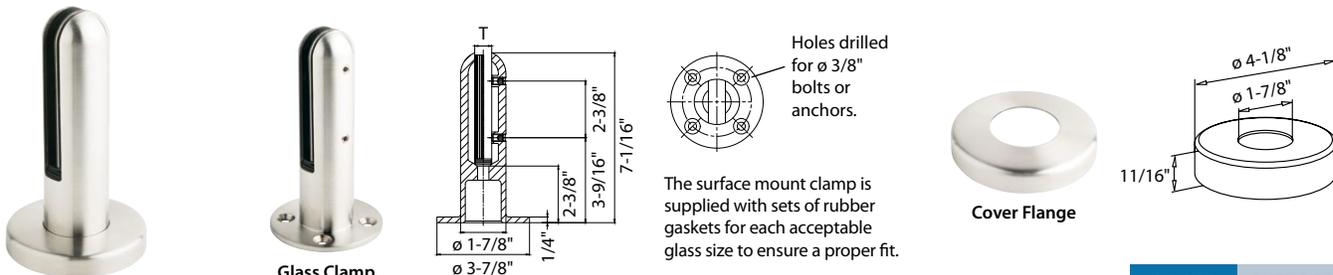
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STAINLESS STEEL COMPONENTS

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Glass Clamps

SURFACE MOUNT GLASS CLAMP AND COVER FLANGE



INDOOR OUTDOOR

Part #	Description	Finish	Alloy	Glass Size (T)	Weight
9205	Glass Clamp	#4 Satin	316	10-12mm	3.75 lbs. ea
9255	Cover Flange	#4 Satin	316	n/a	0.30 lbs. ea

Glass Adapters



© Paul Grdina Photography

Figure 2

CREATE FRAMELESS GLASS RAILINGS

Glass adapters create visually stunning frameless glass railings that showcase the transparency of glass and mount easily to the vertical face of stairs, balconies and decks.

- Ideal for light to medium applications
- Enhances light and space
- Designed for steel and concrete substrates

Standoff Style

What really makes these glass railings spectacular are how the adapters lift the glass panels so they stand off the fascia surface creating the appearance of floating glass railings. Glass adapters are offered in two formats:

Single Adapter

- Clean and subtle look
- Install in pairs

Double Adapter

- Adapts to uneven surfaces
- Installs with mounting plate visible or concealed

IMPORTANT! Installing on Wood

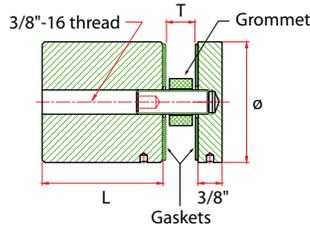
Consult an engineer for recommended reinforcement if mounting glass clamps and adapters to wood.

STAINLESS STEEL COMPONENTS

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Glass Adapters

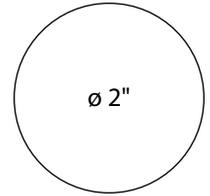
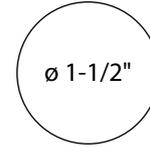
SINGLE ADAPTER - FASCIA MOUNT



Glass must be pre-drilled with a 3/4" hole to accommodate silicone grommet and fastener.

Clear silicone gaskets and grommets are included.

Available sizes:



Suggested Fastener: 3/8"-16 thread (supplied by others)

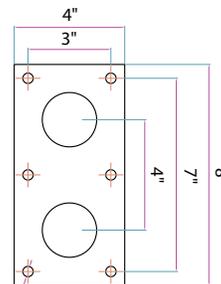
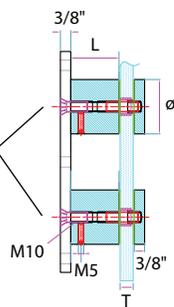
Part #	Finish	Alloy	Length (L)	Diameter (ø)	Glass Size (T)	Environment	
						INDOOR	OUTDOOR
6101	#4 Satin	304	1"	1-1/2"	8-12mm		0.80 lbs. ea
6105	#4 Satin	316	1"	1-1/2"	8-12mm		0.80 lbs. ea
6110	#4 Satin	304	1-1/2"	1-1/2"	8-12mm		1.03 lbs. ea
6115	#4 Satin	316	1-1/2"	1-1/2"	8-12mm		1.03 lbs. ea
6120	#4 Satin	304	2"	1-1/2"	8-12mm		1.20 lbs. ea
6125	#4 Satin	316	2"	1-1/2"	8-12mm		1.20 lbs. ea
6210	#4 Satin	304	1-1/2"	2"	10-12mm		2.08 lbs. ea
6215	#4 Satin	316	1-1/2"	2"	10-12mm		2.08 lbs. ea
6220	#4 Satin	304	2"	2"	10-19mm		2.52 lbs. ea
6225	#4 Satin	316	2"	2"	10-19mm		2.52 lbs. ea
6230	#4 Satin	304	3"	2"	10-22mm		3.51 lbs. ea
6235	#4 Satin	316	3"	2"	10-22mm		3.51 lbs. ea

DOUBLE ADAPTER - FASCIA MOUNT



Adapters are mechanically fastened to the backing plate.

White rubber gaskets and grommets are included.



Holes drilled for ø 3/8" bolts or anchors.

Part #	Finish	Alloy	Length (L)	Diameter (ø)	Glass Size (T)	Environment	
						INDOOR	OUTDOOR
6905	#4 Satin	316	1-3/4"	2"	12-19mm		6.55 lbs. ea

IMPORTANT! Installing on Wood

Consult an engineer for recommended reinforcement if mounting glass adapters to wood.

IMPORTANT! Glass Size (T)

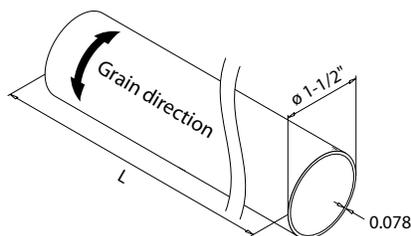
Glass adapters are designed to work with a minimum and maximum glass size (thickness). The glass size upper limit cannot be exceeded as it will affect the integrity of the glass adapter.

STAINLESS STEEL COMPONENTS

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Tubing and Handrail Components

ROUND TUBE, STAINLESS STEEL

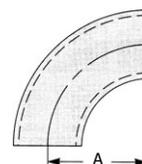
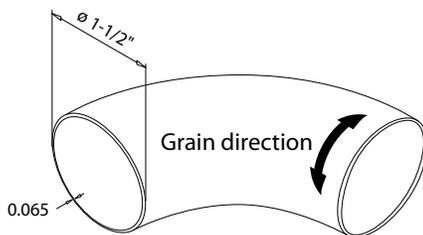


Fabricator Note:
There may be a slight variation in finish when joining the stainless steel tube and elbow.

INDOOR OUTDOOR

Part #	Finish	Alloy	Length (L)	Diameter (ø)	Weight
9005	#4 Satin	201	19.84'	1-1/2" x 0.078"	23.92 lbs. per length
9015	#4 Satin	316	19.84'	1-1/2" x 0.078"	23.92 lbs. per length

90° SEAMLESS ELBOW



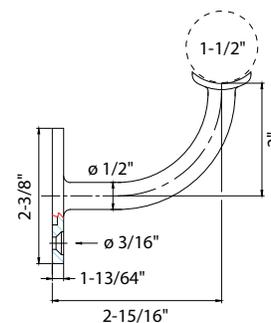
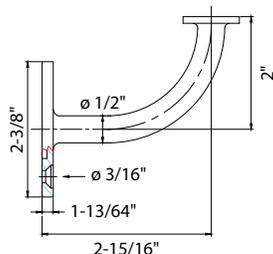
Fabricator Note:
There may be a slight variation in finish when joining the stainless steel elbow and tube.

INDOOR

Part #	Finish	Alloy	Diameter (ø)	Centre Line Radius (A)	Weight
SS 1.5"OD POL	#4 Satin	304	1-1/2" x 0.065"	2-1/4"	0.29 lbs. each
◆ SS 2"OD POL	#4 Satin	304	2" x 0.065"	3"	0.52 lbs. each

Products marked with a ◆ are available on special order. Contact your Sales Representative for more information.

HANDRAIL BRACKETS



Suggested Fastener: QS-113† (saddle to handrail)

INDOOR

Part #	Finish	Alloy	Style	Saddle Type	Weight
9710	#4 Satin	304	Fixed	Flat	0.46 lbs. ea
9720	#4 Satin	304	Fixed	ø 1-1/2"	0.46 lbs. ea

†QS-113 is a Q-railing® product, part # 94.0670.520.14

STAINLESS STEEL COMPONENTS

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Glass Clips

Customize Glass Railings with Glass Clips

Create custom glass railings and partitions with a wide variety of high-quality glass clips for stairs, balconies, decks and fences. Glass clips are available to suit round or square posts. Within these formats, glass clips are available in round and square forms in small, medium and large sizes for indoor and outdoor applications.

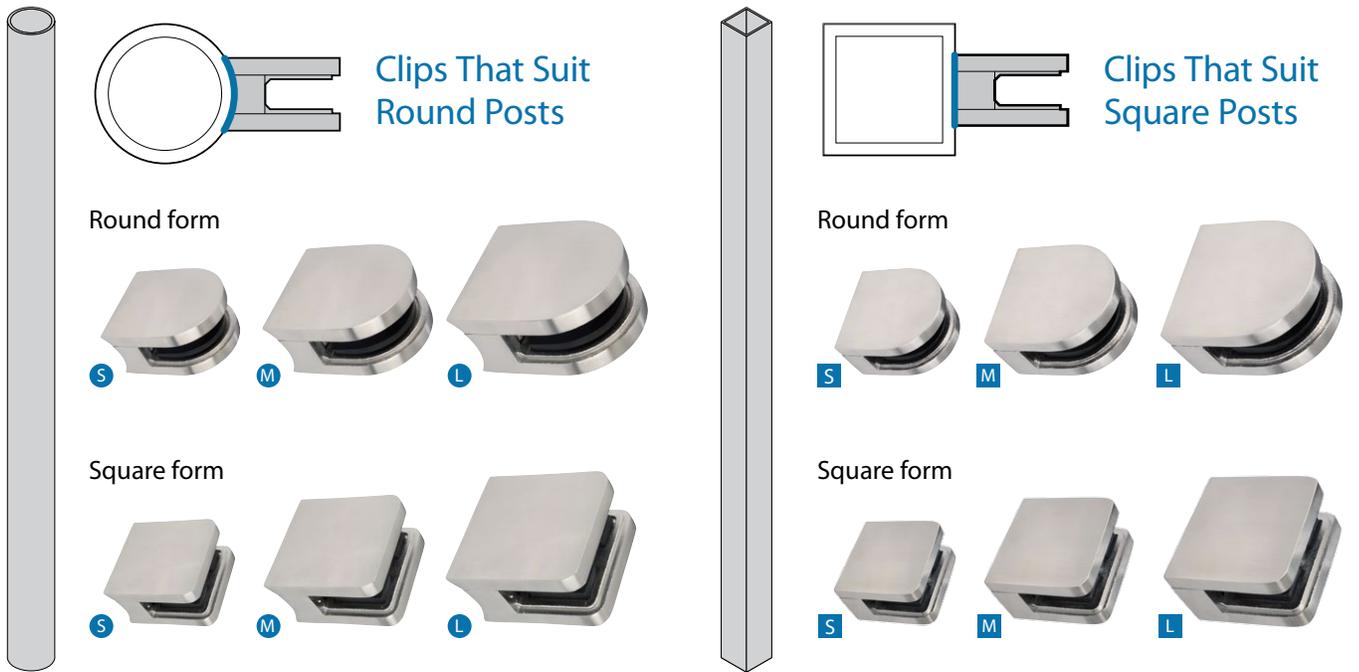


Figure 3

Glass Clip Suits Many Sizes



All glass clips are supplied with sets of rubber gaskets for each acceptable glass size to ensure a proper fit.

Optional Security Pin



Medium and large glass clips are supplied with nylon pins for added safety.

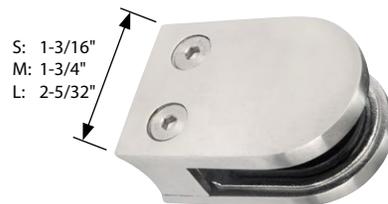
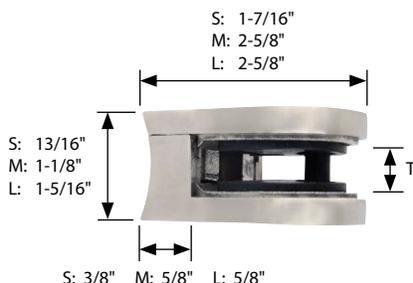
STAINLESS STEEL COMPONENTS

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Glass Clips

ROUND GLASS CLIP

○ Suits Round Post



S: 1-3/16"
M: 1-3/4"
L: 2-5/32"

Suggested Fastener: #8 fastener (supplied by others) for small clips, QS-127[†] for medium and large clips

INDOOR OUTDOOR

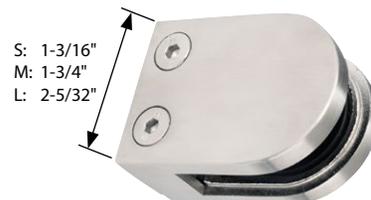
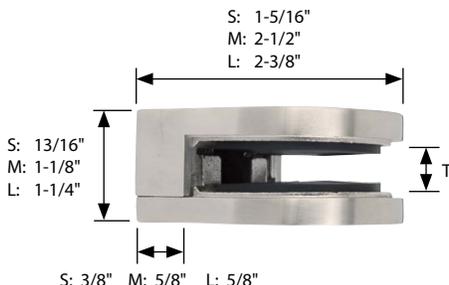
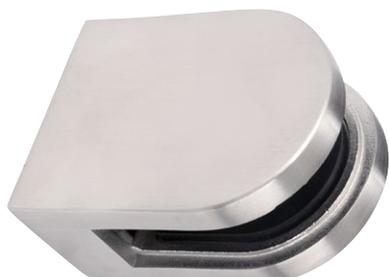
Part #	Clip Size	Finish	Alloy	Glass Size (T)	Fits Tubing	Weight
S7105RB-B	Small	#4 Satin	316	6mm, 8mm	∅ 2"	0.19 lbs. ea
S7220RB-B*	Medium	#4 Satin	316	6mm, 8mm, 10mm, 12mm	∅ 2"	0.83 lbs. ea
S7222RB-B*	Medium	#4 Satin	304	6mm, 8mm, 10mm, 12mm	∅ 1-1/2"	0.70 lbs. ea
S7330RB-B*	Large	#4 Satin	304	8mm, 10mm, 12mm	∅ 2"	1.11 lbs. ea

* Optional security pin included.

[†] QS-127 is a Q-railing[®] product, part # 94.0680.820.14

ROUND GLASS CLIP

□ Suits Square Post



S: 1-3/16"
M: 1-3/4"
L: 2-5/32"

Suggested Fastener: #8 fastener (supplied by others) for small clips, QS-127[†] for medium and large clips

INDOOR OUTDOOR

Part #	Clip Size	Finish	Alloy	Glass Size (T)	Fits Tubing	Weight
S7105SB-B	Small	#4 Satin	316	6mm, 8mm	Square	0.19 lbs. ea
S7220SB-B*	Medium	#4 Satin	316	6mm, 8mm, 10mm, 12mm	Square	0.83 lbs. ea
S7330SB-B*	Large	#4 Satin	304	8mm, 10mm, 12mm	Square	1.11 lbs. ea

* Optional security pin included.

[†] QS-127 is a Q-railing[®] product, part # 94.0680.820.14

IMPORTANT! Glass Size (T)

Glass clips are designed to work with a minimum and maximum glass size (thickness). The glass size upper limit cannot be exceeded as it will affect the integrity of the glass clip.

IMPORTANT! Installing on Wood

Consult an engineer for recommended reinforcement if mounting glass clips to wood.

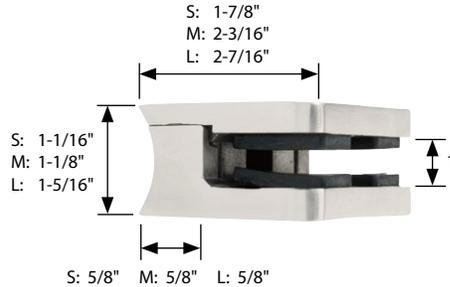
STAINLESS STEEL COMPONENTS

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Glass Clips

SQUARE GLASS CLIP

○ Suits Round Post



S: 1-3/4"
M: 2"
L: 2-5/32"

Suggested Fastener: #8 fastener (supplied by others) for small clips, QS-127[†] for medium and large clips

INDOOR OUTDOOR

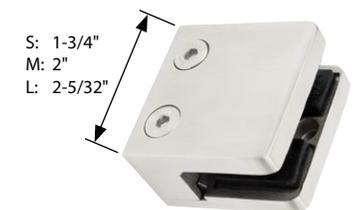
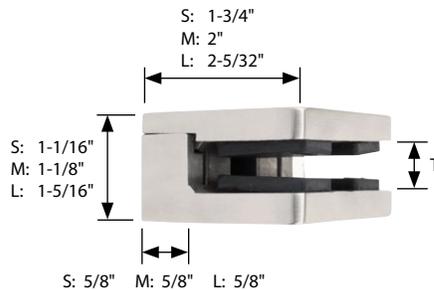
Part #	Clip Size	Finish	Alloy	Glass Size (T)	Fits Tubing	Weight
S7110RB-B	Small	#4 Satin	316	6mm, 8mm, 10mm	∅ 2"	0.59 lbs. ea
S7227RB-B*	Medium	#4 Satin	304	8mm, 10mm, 12mm	∅ 1-1/2"	0.70 lbs. ea
S7225RB-B*	Medium	#4 Satin	316	8mm, 10mm, 12mm	∅ 2"	0.77 lbs. ea
S7335RB-B*	Large	#4 Satin	304	8mm, 10mm, 12mm	∅ 2"	1.03 lbs. ea
S7340RB-B*	Large	#4 Satin	316	8mm, 10mm, 12mm	∅ 2"	1.03 lbs. ea

* Optional security pin included.

[†] QS-127 is a Q-railing® product, part # 94.0680.820.14

SQUARE GLASS CLIP

□ Suits Square Post



S: 1-3/4"
M: 2"
L: 2-5/32"

Suggested Fastener: #8 fastener (supplied by others) for small clips, QS-127[†] for medium and large clips

INDOOR OUTDOOR

Part #	Clip Size	Finish	Alloy	Glass Size (T)	Fits Tubing	Weight
S7110SB-B	Small	#4 Satin	316	6mm, 8mm, 10mm	Square	0.19 lbs. ea
S7225SB-B*	Medium	#4 Satin	316	8mm, 10mm, 12mm	Square	0.77 lbs. ea
S7335SB-B*	Large	#4 Satin	304	8mm, 10mm, 12mm	Square	1.03 lbs. ea
S7340SB-B*	Large	#4 Satin	316	8mm, 10mm, 12mm	Square	1.03 lbs. ea

* Optional security pin included.

[†] QS-127 is a Q-railing® product, part # 94.0680.820.14

IMPORTANT! Glass Size (T)

Glass clips are designed to work with a minimum and maximum glass size (thickness). The glass size upper limit cannot be exceeded as it will affect the integrity of the glass clip.

Save Time and Money

Flowdrill Use Flowdrill chipless drill and tap process to drill posts to accept glass clips. See the "Resources" tab for full product details.

STAINLESS STEEL COMPONENTS

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Glass Clips

Zinc

CUSTOMIZE GLASS RAILINGS WITH ZINC GLASS CLIPS

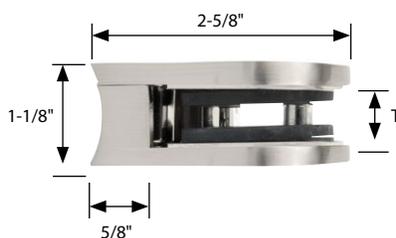
Zinc glass clips are available to suit round or square posts and are suitable for indoor and outdoor applications. Offered in round form in a medium size and square form in small and large sizes.

Zinc Advantage

- Cost effective alternative to stainless steel
- Satin nickel finish complements stainless steel components
- Suitable for painting or powder coating

ROUND GLASS CLIP, ZINC

○ Suits Round Post



Suggested Fastener: QS-127[†]

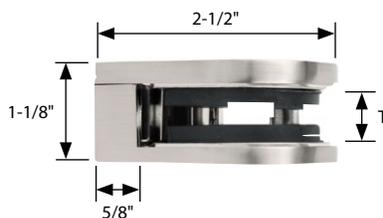
Part #	Clip Size	Finish	Material	Glass Size (T)	INDOOR		OUTDOOR	
					Fits Tubing		Weight	
Z6105RB-SN*	Medium	Satin Nickel	Zinc	6mm, 8mm, 10mm	Ø 2"		0.62 lbs. ea	

* Optional security pin included.

[†] QS-127 is a Q-railing® product, part # 94.0680.820.14

ROUND GLASS CLIP, ZINC

□ Suits Square Post



Suggested Fastener: QS-127[†]

Part #	Clip Size	Finish	Material	Glass Size (T)	INDOOR		OUTDOOR	
					Fits Tubing		Weight	
Z6105SB-SN*	Medium	Satin Nickel	Zinc	6mm, 8mm, 10mm	Square		0.62 lbs. ea	

* Optional security pin included.

[†] QS-127 is a Q-railing® product, part # 94.0680.820.14

Glass Clip Suits Many Sizes



All glass clips are supplied with sets of rubber gaskets for each acceptable glass size to ensure a proper fit.

Optional Security Pin



Zinc glass clips are supplied with a security pin for added safety.

STAINLESS STEEL COMPONENTS

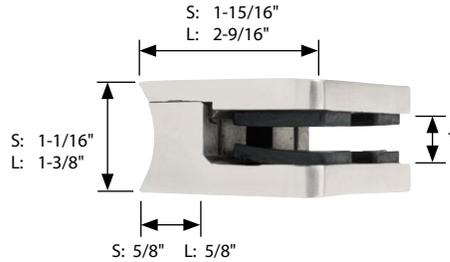
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Glass Clips

Zinc

SQUARE GLASS CLIP, ZINC

○ Suits Round Post



S: 1-3/4"
L: 2-5/32"

Suggested Fastener: #8 fastener (supplied by others) for small clips, QS-127[†] for medium and large clips

INDOOR OUTDOOR

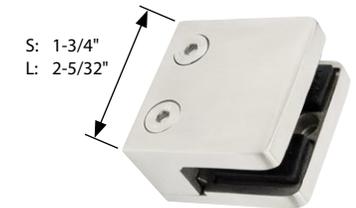
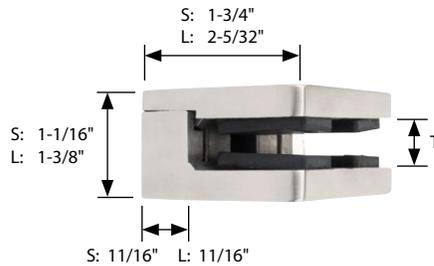
Part #	Clip Size	Finish	Material	Glass Size (T)	Fits Tubing	Weight
Z6110RB-SN	Small	Satin Nickel	Zinc	6mm, 8mm, 10mm	∅ 1-1/2"	0.40 lbs. ea
Z6335RB-SN*	Large	Satin Nickel	Zinc	8mm, 10mm, 12mm	∅ 1-1/2"	0.70 lbs. ea

* Optional security pin included.

[†] QS-127 is a Q-railing[®] product, part # 94.0680.820.14

SQUARE GLASS CLIP, ZINC

□ Suits Square Post



S: 1-3/4"
L: 2-5/32"

Suggested Fastener: #8 fastener (supplied by others) for small clips, QS-127[†] for medium and large clips

INDOOR OUTDOOR

Part #	Clip Size	Finish	Material	Glass Size (T)	Fits Tubing	Weight
Z6110SB-SN	Small	Satin Nickel	Zinc	6mm, 8mm, 10mm	Square	0.40 lbs. ea
Z6335SB-SN*	Large	Satin Nickel	Zinc	8mm, 10mm, 12mm	Square	0.70 lbs. ea

* Optional security pin included.

[†] QS-127 is a Q-railing[®] product, part # 94.0680.820.14

IMPORTANT! Glass Size (T)

Glass clips are designed to work with a minimum and maximum glass size (thickness). The glass size upper limit cannot be exceeded as it will affect the integrity of the glass clip.

IMPORTANT! Installing on Wood

Consult an engineer for recommended reinforcement if mounting glass clips to wood.