316
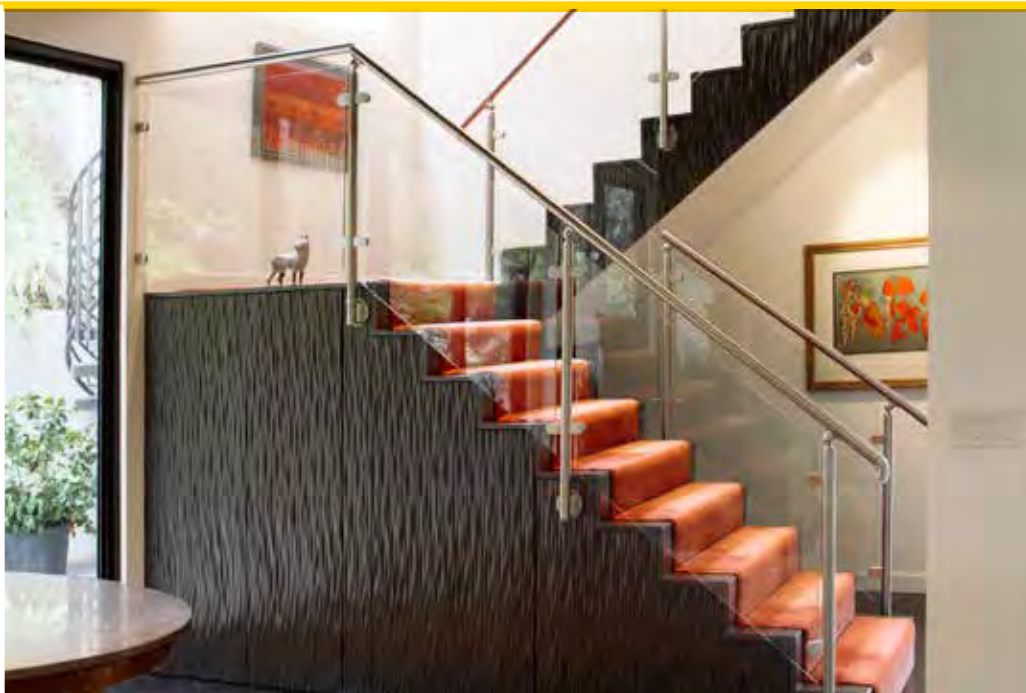**STAINLESS STEEL RAILING SYSTEMS**

Round Post Glass Railing

SPRING 2019

Lavi Industries

Prefabricated Railing Assemblies for Glass Panel

Post assemblies simplify installation and eliminate welding.

Lavi Industries
Stainless Steel Railing Systems

ADJUSTABLE!

A custom look that installs in minutes.

Prefabricated Glass Panel Railing posts will save you time and money. Just choose from the many customizable options and let us build them for you. All you need to do is mount the posts and attach the glass. It couldn't be more simple!
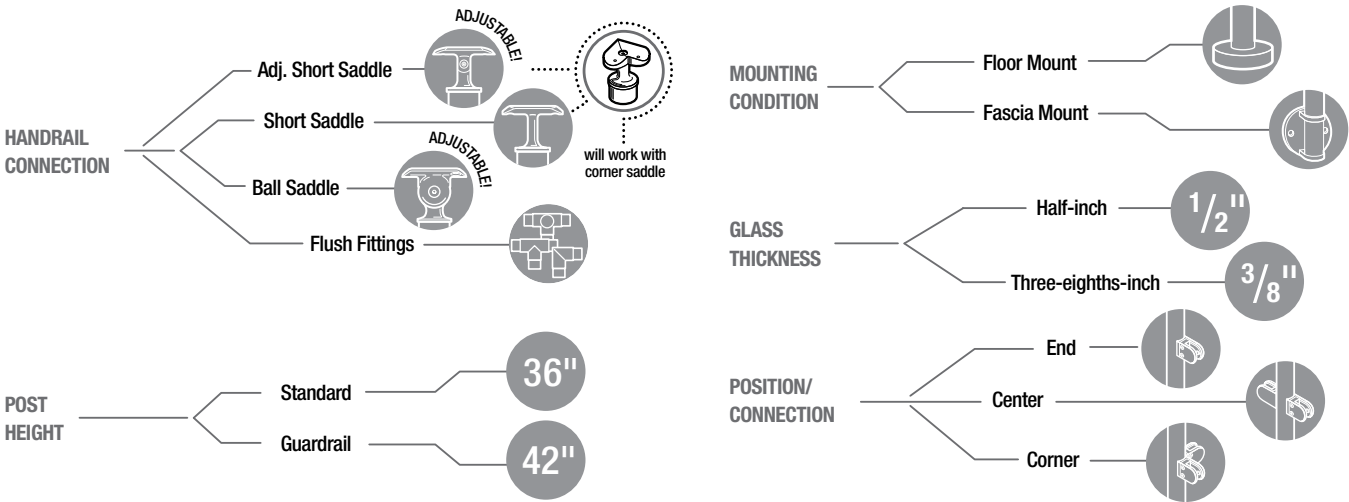
Complete your project with matching components.

It's easy to finish off your railing project with the perfect handrail. Our beautiful polished or satin 316 stainless steel tubing can be customized with a variety of end caps to complete your railing project. *See page 34 for options.*

Our flush fittings extend the available applications of Glass Panel projects. Angled and adjustable fittings allow you to turn corners and navigate stairs in style. See page 30 for options.

Add the finishing touch to your railing project with Lavi Metal Polish. It cleans, polishes and protects polished metals with its anti-tarnish formula. And for a weld-free installation, use Loctite 326 structural adhesive for a secure, permanent bond between component pieces. *See page 35 for details.*

Prefabricated Post Options

HANDRAIL CONNECTION
- Adj. Short Saddle — ADJUSTABLE!
- Short Saddle
- Ball Saddle — ADJUSTABLE!
- Flush Fittings

will work with corner saddle

MOUNTING CONDITION
- Floor Mount
- Fascia Mount

GLASS THICKNESS
- Half-inch — 1/2"
- Three-eighths-inch — 3/8"

POST HEIGHT
- Standard — 36"
- Guardrail — 42"

POSITION/ CONNECTION
- End
- Center
- Corner

Fascia-mount option shown with adjustable saddle handrail connection. Floor-mount option shown with fixed saddle corner connection. Many more options available.

Lavi Industries
Stainless Steel Railing Systems

Short Adjustable Saddle

Short Saddle (non-adjustable)

MOUNTING CONDITION	AVAILABLE FINISHES	ITEM #	GLASS THICKNESS	POSITION/ CONNECTION	POST DIAMETER
Floor Mount	Satin	GC/4S/EN/36/AR/FL	3/8"	End	1.67"
	Satin	GC/4S/CN/36/AR/FL	3/8"	Center	1.67"
Fascia Mount	Satin	GC/4S/EN/36/AR/FM	3/8"	End	1.67"
	Satin	GC/4S/CN/36/AR/FM	3/8"	Center	1.67"
Core Drill	Satin	GC/4S/EN/36/AR/CD	3/8"	End	1.67"
	Satin	GC/4S/CN/36/AR/CD	3/8"	Center	1.67"

All posts also available in polished 316 stainless steel.

MOUNTING CONDITION	AVAILABLE FINISHES	ITEM #	GLASS THICKNESS	POSITION/ CONNECTION	POST DIAMETER
Floor Mount	Satin	GC/4S/EN/36/FR/FL	3/8"	End	1.67"
	Satin	GC/4S/CN/36/FR/FL	3/8"	Center	1.67"
	Satin	GC/4S/CR/36/FR/FL	3/8"	Corner	1.67"
Fascia Mount	Satin	GC/4S/EN/36/FR/FM	3/8"	End	1.67"
	Satin	GC/4S/CN/36/FR/FM	3/8"	Center	1.67"
Core Drill	Satin	GC/4S/EN/36/FR/CD	3/8"	End	1.67"
	Satin	GC/4S/CN/36/FR/CD	3/8"	Center	1.67"
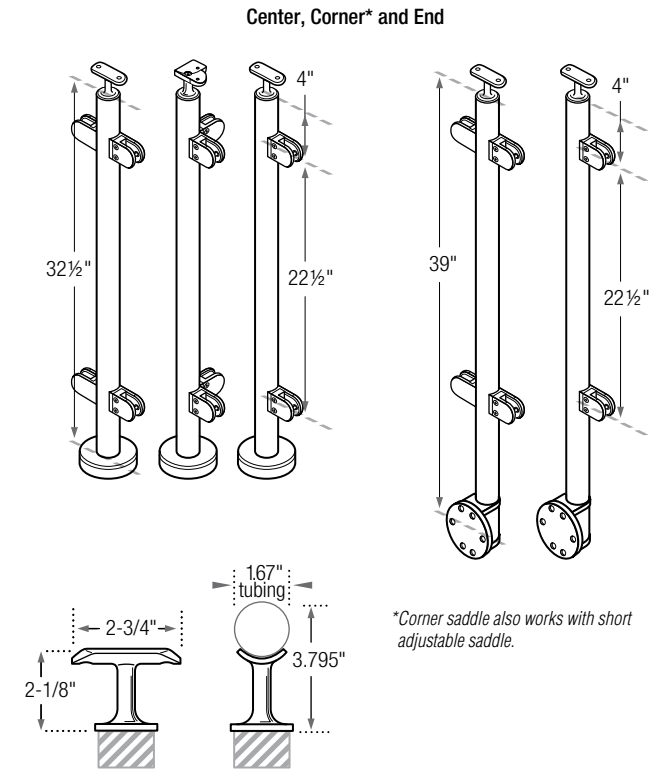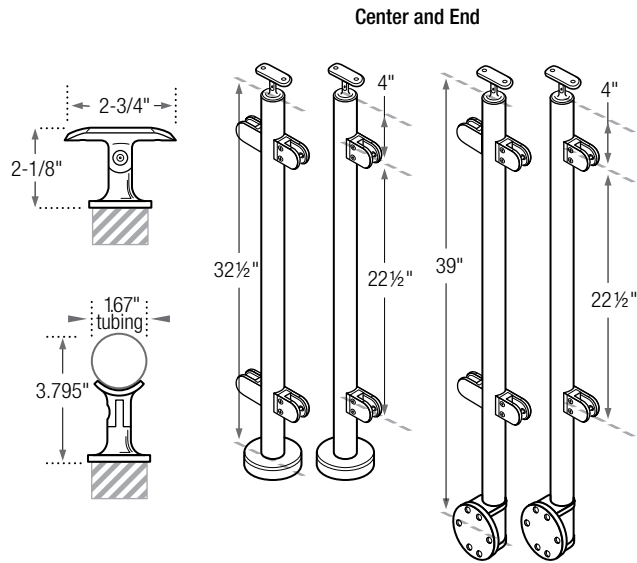
All posts also available in polished 316 stainless steel.

Short Adjustable Saddle

Short Saddle (non-adjustable)

MOUNTING CONDITION	AVAILABLE FINISHES	ITEM #	GLASS THICKNESS	POSITION/ CONNECTION	POST DIAMETER
Floor Mount	Satin	GC/4S/EN/42/AR/FL	3/8"	End	1.67"
	Satin	GC/4S/CN/42/AR/FL	3/8"	Center	1.67"
Fascia Mount	Satin	GC/4S/EN/42/AR/FM	3/8"	End	1.67"
	Satin	GC/4S/CN/42/AR/FM	3/8"	Center	1.67"
Core Drill	Satin	GC/4S/EN/42/AR/CD	3/8"	End	1.67"
	Satin	GC/4S/CN/42/AR/CD	3/8"	Center	1.67"

All posts also available in polished 316 stainless steel.

MOUNTING CONDITION	AVAILABLE FINISHES	ITEM #	GLASS THICKNESS	POSITION/ CONNECTION	POST DIAMETER
Floor Mount	Satin	GC/4S/EN/42/FR/FL	3/8"	End	1.67"
	Satin	GC/4S/CN/42/FR/FL	3/8"	Center	1.67"
	Satin	GC/4S/CR/42/FR/FL	3/8"	Corner	1.67"
Fascia Mount	Satin	GC/4S/EN/42/FR/FM	3/8"	End	1.67"
	Satin	GC/4S/CN/42/FR/FM	3/8"	Center	1.67"
Core Drill	Satin	GC/4S/EN/42/FR/CD	3/8"	End	1.67"
	Satin	GC/4S/CN/42/FR/CD	3/8"	Center	1.67"
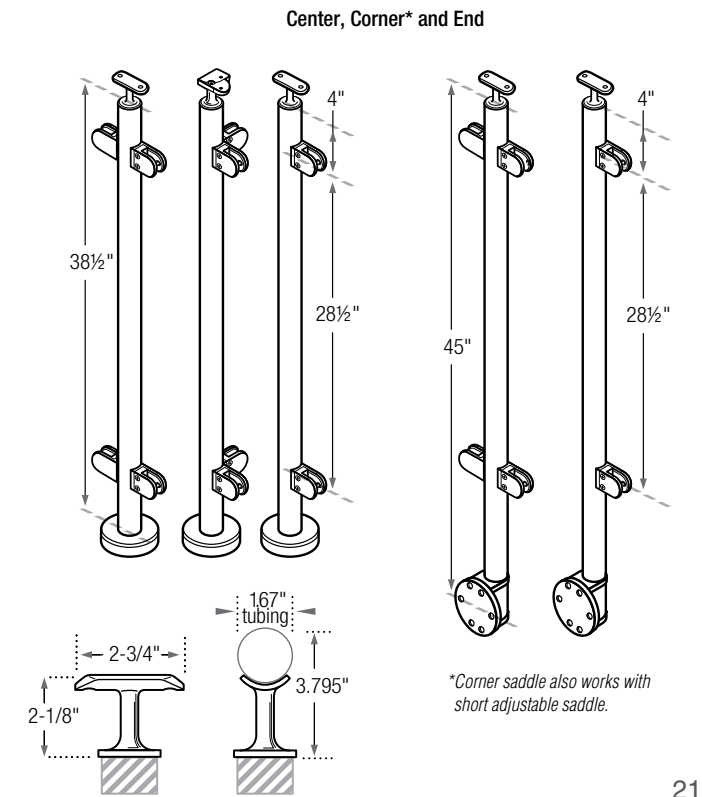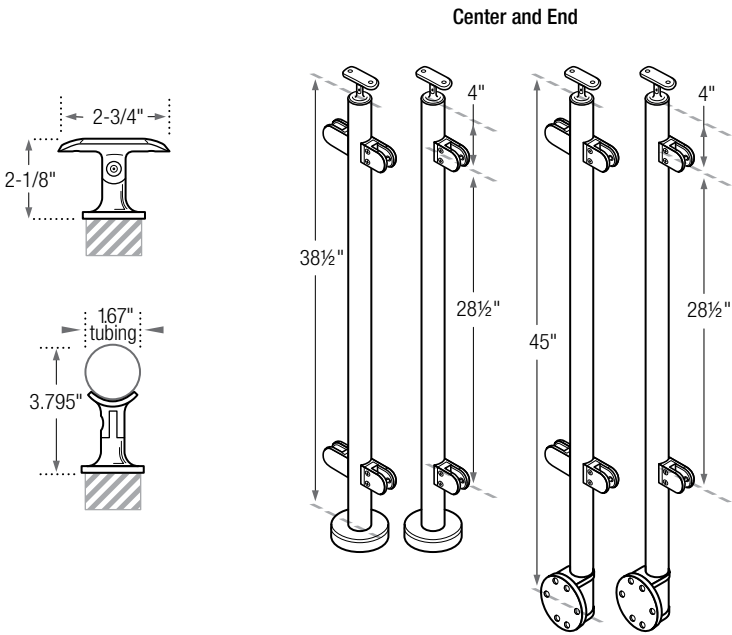
All posts also available in polished 316 stainless steel.

Center and End

2-3/4"
2-1/8"
4"
32½"
22½"
39"
22½"
1.67" tubing
3.795"

Center, Corner* and End

4"
32½"
22½"
39"
22½"
1.67" tubing
2-3/4"
2-1/8"
3.795"

Corner saddle also works with short adjustable saddle.

Center and End

2-3/4"
2-1/8"
4"
38½"
28½"
45"
28½"
1.67" tubing
3.795"

Center, Corner* and End

4"
38½"
28½"
45"
28½"
1.67" tubing
2-3/4"
2-1/8"
3.795"

Corner saddle also works with short adjustable saddle.

Short Adjustable Saddle

Short Saddle (non-adjustable)

MOUNTING CONDITION	AVAILABLE FINISHES	ITEM #	GLASS THICKNESS	POSITION/ CONNECTION	POST DIAMETER
Floor Mount	Satin	GC/4S/EN/36/AF/FL	3/8"	End	1.67"
	Satin	GC/4S/CN/36/AF/FL	3/8"	Center	1.67"
Fascia Mount	Satin	GC/4S/EN/36/AF/FM	3/8"	End	1.67"
	Satin	GC/4S/CN/36/AF/FM	3/8"	Center	1.67"
Core Drill	Satin	GC/4S/EN/36/AF/CD	3/8"	End	1.67"
	Satin	GC/4S/CN/36/AF/CD	3/8"	Center	1.67"

All posts also available in polished 316 stainless steel.

MOUNTING CONDITION	AVAILABLE FINISHES	ITEM #	GLASS THICKNESS	POSITION/ CONNECTION	POST DIAMETER
Floor Mount	Satin	GC/4S/EN/36/FF/FL	3/8"	End	1.67"
	Satin	GC/4S/CN/36/FF/FL	3/8"	Center	1.67"
	Satin	GC/4S/CR/36/FF/FL	3/8"	Corner	1.67"
Fascia Mount	Satin	GC/4S/EN/36/FF/FM	3/8"	End	1.67"
	Satin	GC/4S/CN/36/FF/FM	3/8"	Center	1.67"
Core Drill	Satin	GC/4S/EN/36/FF/CD	3/8"	End	1.67"
	Satin	GC/4S/CN/36/FF/CD	3/8"	Center	1.67"
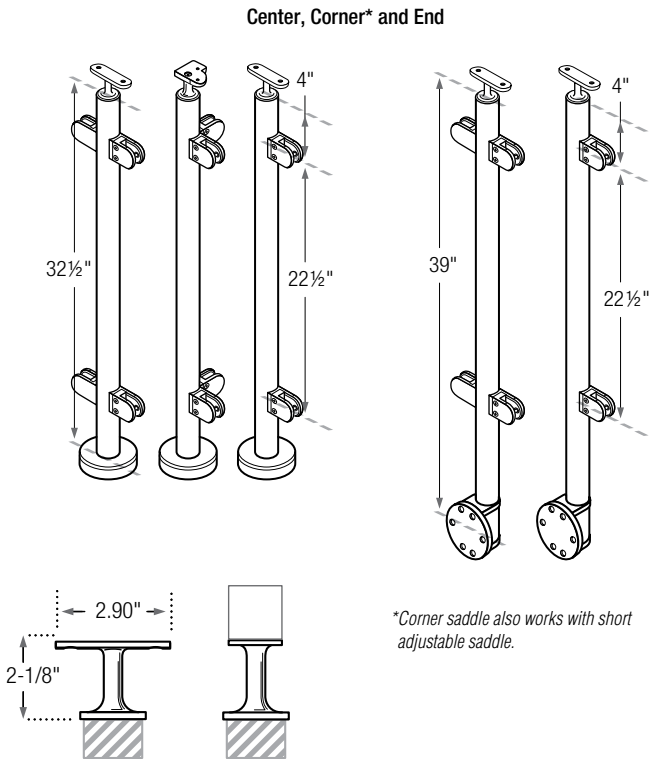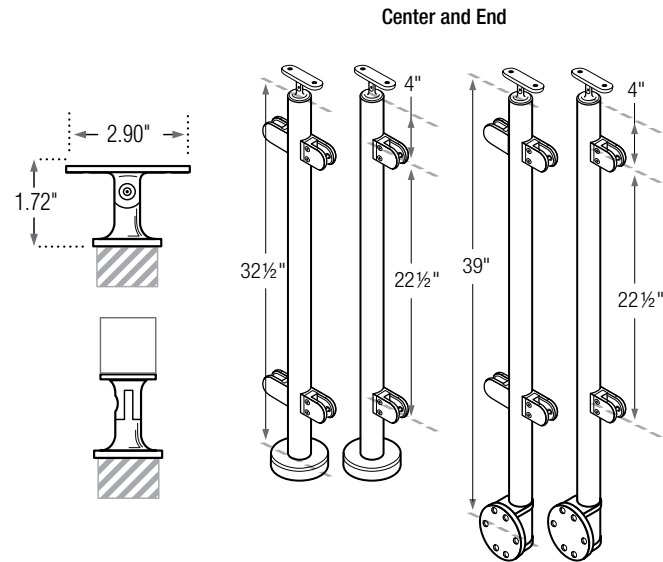
All posts also available in polished 316 stainless steel.

Center and End

2.90"
1.72"
4"
32½"
22½"
39"
4"
22½"

Center, Corner* and End

32½"
22½"
4"
39"
4"
22½"

2.90"
2-1/8"

Corner saddle also works with short adjustable saddle.

Short Adjustable Saddle

Short Saddle (non-adjustable)

MOUNTING CONDITION	AVAILABLE FINISHES	ITEM #	GLASS THICKNESS	POSITION/ CONNECTION	POST DIAMETER
Floor Mount	Satin	GC/4S/EN/42/AF/FL	3/8"	End	1.67"
	Satin	GC/4S/CN/42/AF/FL	3/8"	Center	1.67"
Fascia Mount	Satin	GC/4S/EN/42/AF/FM	3/8"	End	1.67"
	Satin	GC/4S/CN/42/AF/FM	3/8"	Center	1.67"
Core Drill	Satin	GC/4S/EN/42/AF/CD	3/8"	End	1.67"
	Satin	GC/4S/CN/42/AF/CD	3/8"	Center	1.67"

All posts also available in polished 316 stainless steel.

MOUNTING CONDITION	AVAILABLE FINISHES	ITEM #	GLASS THICKNESS	POSITION/ CONNECTION	POST DIAMETER
Floor Mount	Satin	GC/4S/EN/42/FF/FL	3/8"	End	1.67"
	Satin	GC/4S/CN/42/FF/FL	3/8"	Center	1.67"
	Satin	GC/4S/CR/42/FF/FL	3/8"	Corner	1.67"
Fascia Mount	Satin	GC/4S/EN/42/FF/FM	3/8"	End	1.67"
	Satin	GC/4S/CN/42/FF/FM	3/8"	Center	1.67"
Core Drill	Satin	GC/4S/EN/42/FF/CD	3/8"	End	1.67"
	Satin	GC/4S/CN/42/FF/CD	3/8"	Center	1.67"

All posts also available in polished 316 stainless steel.

Center and End

2.90"
1.72"
4"
38½"
28½"
45"
4"
28½"

Center, Corner* and End

38½"
28½"
4"
45"
4"
28½"

2.90"
2-1/8"

Corner saddle also works with short adjustable saddle.
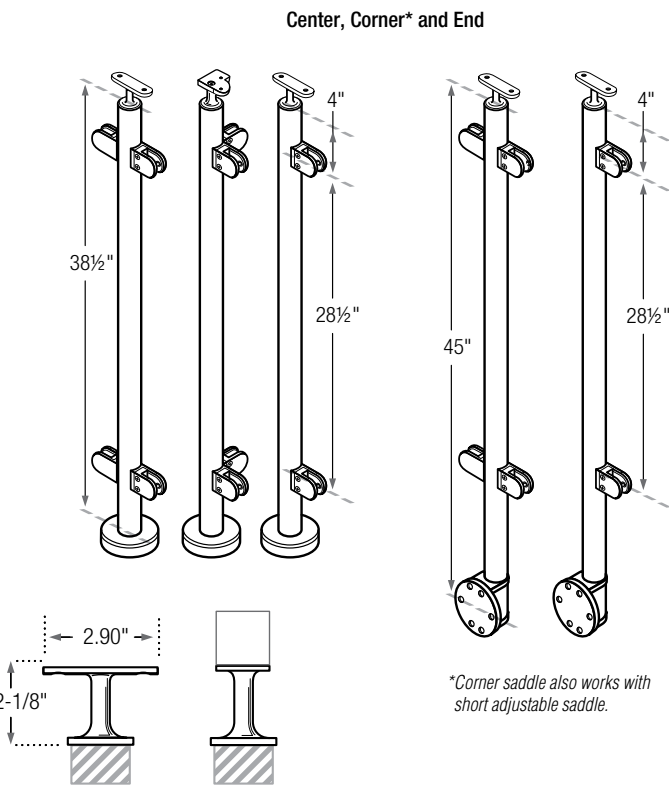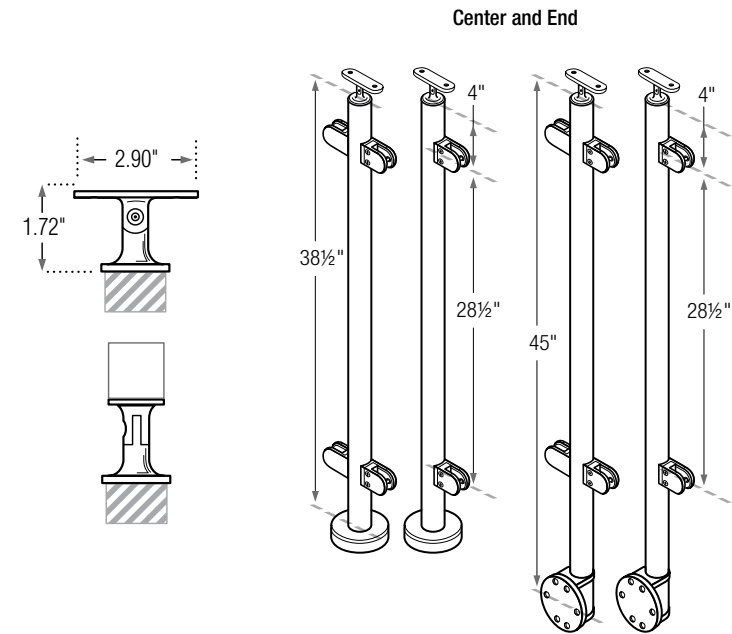
Wet-Glaze Aluminum Shoe Moulding

Freestanding, frameless Glass Railing Systems offer a classically modern look to your project. The traditional, wet-glaze installation method is a tried and true process that firmly secures the glass into the aluminum base shoe. Mount the shoe directly to the floor or side mount as a facia-mount.

Add the finishing touch to your Glass Railing project by adding a Channel Tubing handrail. We offer all the necessary components to make installation a breeze. *Please see pages 26–27 for more information.*

Aluminum Shoe Moulding for ½" Glass

Creates a clean look in Glass Railing.

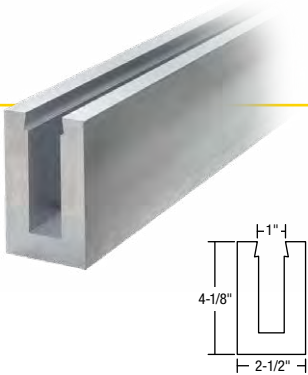| ITEM #	MATERIAL	PRE-DRILLED HOLES	LENGTH
50-A123B/20	Aluminum	none	20'
50-A123B/DR/20	Aluminum	yes	20'
50-A123B/CB/20	Aluminum	counter-bored	20'

Use with A114U Channel Tube and 85-CTI Rubber Insert. See Page 26.

1"
4-1/8"
2-1/2"

Pre-drilled Hole Sizes

Pre-drilled Thru Hole

Counter-bored Hole

⅞" diameter x ½" deep counter-bore

⁹⁄₁₆" diameter thru hole

PRE-DRILLED   COUNTER-BORED
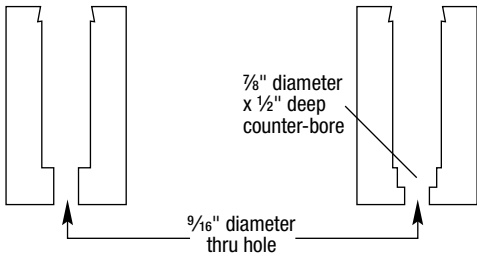
Pre-drilled Hole Locations

20 feet

6" from end to first hole

12" from first hole to all following holes
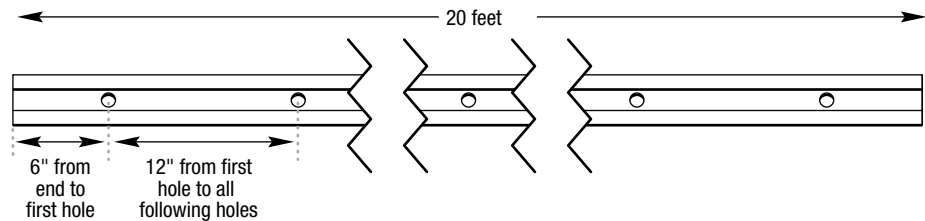
Solid Stainless Steel Cladding

Creates a finished look for the mill-finish aluminum shoe.

ITEM #	MATERIAL	FINISH	LENGTH
47-CLD04/10	316 Stainless Steel	Polished	10'
49-CLD04/10	316 Stainless Steel	Satin	10'

¾"
4⅛"
.05"

Glass Railing Assembly

Horizontal Flush Ell for Channel Tube #732UH (see page 27)

Channel Tubing #A114U (see page 26)

Channel Tube Splice #830U (see page 27)

Channel Tube End Cap #640 (see page 27)

Tempered Glass

Grade-five Cap Screw

Wet Glaze Aluminum Shoe Moulding

Cladding

Cladding

Mounting Conditions

Floor-mount

setting block
plastic shim
caulking
tempered glass
non-shrinking grout
Aluminum Shoe Moulding
1/4" min.
expanding anchor
setting block

Fascia-mount

setting block
plastic shim
caulking
tempered glass
non-shrinking grout
Aluminum Shoe Moulding
setting block
1/4" min.

Channel Tubing

Glass railing offers a clean, elegant and open solution for any environment. Channel tubing is used to cap the top of the glass panel and gives the railing a finished look.

Channel Tube

Used to finish the top of glass railing.

ITEM #	MATERIAL	FINISH	OD	WALL THICK	LENGTH	W	D
44-A114U/16	304	Satin	1.67"	0.06"	16'	0.94"	0.94"
40-A114U/16	304	Polished	1.67"	0.06"	16'	0.94"	0.94"
49-A114U/16	316	Satin	1.67"	0.06"	16'	0.94"	0.94"
47-A114U/16	316	Polished	1.67"	0.06"	16'	0.94"	0.94"

Channel Tube Insert

Used to secure glass inside a Channel Tube.

ITEM #	MATERIAL	GLASS THICK	LENGTH
85-CTI1002	Rubber	1/2"	100'
85-CTI1003	Rubber	3/4"	100'

Channel Tube Fittings

Specially designed to fit with glass channel tube, these fittings add a design dimension to the standard linear aspect of glass railing. In addition to the tight fit, each fitting has threaded screw bosses for a more secure connection.
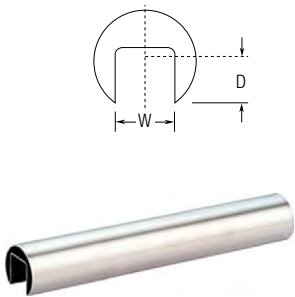
Horizontal Flush Ell for Channel Tube

Connects channel tube in 90° angle horizontally.

ITEM #	MATERIAL	FINISH	TUBE	WALL THICK	W	L
49-732UH/424	316	Satin	1.67	0.06"	2.03"	2.03"
47-732UH/424	316	Polished	1.67	0.06"	2.03"	2.03"

Vertical Flush Ell for Channel Tube

Connects channel tube in 90° angle vertically.

ITEM #	MATERIAL	FINISH	TUBE	WALL THICK	W	L
49-732UV/424	316	Satin	1.67	0.06"	1.97"	1.97"
47-732UV/424	316	Polished	1.67	0.06"	1.97"	1.97"
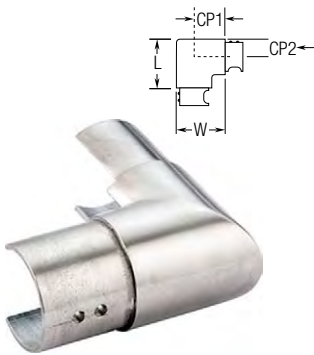
Channel Tube Splice

Connects channel tube in a straight line.

ITEM #	MATERIAL	FINISH	TUBE	WALL THICK	W
49-830U/424	316	Satin	1.67"	.06"	0.24"
47-830U/424	316	Polished	1.67"	.06"	0.24"
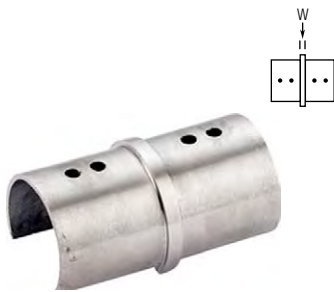
Channel Tube End Cap

Closes the end of a channel tube.

ITEM #	MATERIAL	FINISH	TUBE	WALL THICK	D	H
49-640/424	316	Satin	1.67"	.06"	1.67"	0.16"
47-640/424	316	Polished	1.67"	.06"	1.67"	0.16"

Glass Grips

Square Glass Grips

ITEM #	MATERIAL	FINISH	W	H	D	GLASS THICKNESS	MOUNTS ON TO
SMALL GRIPS							
49-850S/F	316	Satin	1.7"	1.7"	.94"	¹/₄" or ³/₈"	Flat Surface
47-850S/F	316	Polished	1.7"	1.7"	.94"	¹/₄" or ³/₈"	Flat Surface
49-850S/1H	316	Satin	1.7"	1.7"	.94"	¹/₄" or ³/₈"	1.5" Tube
47-850S/1H	316	Polished	1.7"	1.7"	.94"	¹/₄" or ³/₈"	1.5" Tube
LARGE GRIPS							
49-860S/F	316	Satin	2.13"	2.13"	1.3"	³/₈" or ¹/₂"	Flat Surface
47-860S/F	316	Polished	2.13"	2.13"	1.3"	³/₈" or ¹/₂"	Flat Surface
49-860S/424	316	Satin	2.13"	2.13"	1.3"	³/₈" or ¹/₂"	1.67" Tube
47-860S/424	316	Polished	2.13"	2.13"	1.3"	³/₈" or ¹/₂"	1.67" Tube

Mounts to flat surface.   *Mounts to tubing.*

Rubber Inserts

ITEM #	USE WITH	GLASS THICKNESS
85-GGI1003	Small Grips	1/4"
85-GGI1004	Small Grips	3/8"
85-GGI1005	Large Grips	3/8"
85-GGI1006	Large Grips	1/2"

Radius Glass Grips

ITEM #	MATERIAL	FINISH	W	H	D	GLASS THICKNESS	MOUNTS ON TO
SMALL GRIPS							
49-850R/424	316	Satin	1.5"	1.93"	1"	¹/₄" or ³/₈"	1.67" Tube
47-850R/424	316	Polished	1.5"	1.93"	1"	¹/₄" or ³/₈"	1.67" Tube
MEDIUM GRIPS							
49-851R/F	316	Satin	1.7"	2.32"	1.02"	¹/₄" or ³/₈"	Flat Surface
47-851R/F	316	Polished	1.7"	2.32"	1.02	¹/₄" or ³/₈"	Flat Surface
49-851R/1H	316	Satin	1.7"	2.32"	1.02"	¹/₄" or ³/₈"	1.5" Tube
47-851R/1H	316	Polished	1.7"	2.32"	1.02"	¹/₄" or ³/₈"	1.5" Tube
49-851R/424	316	Satin	1.7"	2.32"	1.02"	¹/₄" or ³/₈"	1.67" Tube
47-851R/424	316	Polished	1.7"	2.32"	1.02"	¹/₄" or ³/₈"	1.67" Tube
49-852R/424	316	Satin	1.7"	2.32"	1.15"	³/₈" or ¹/₂"	1.67" Tube
47-852R/424	316	Polished	1.7"	2.32"	1.15"	³/₈" or ¹/₂"	1.67" Tube
LARGE GRIPS							
49-860R/F	316	Satin	2.12"	2.36"	1.3"	³/₈" or ¹/₂"	Flat Surface
47-860R/F	316	Polished	2.12"	2.36"	1.3"	³/₈" or ¹/₂"	Flat Surface
49-860R/2	316	Satin	2.12"	2.63"	1.3"	³/₈" or ¹/₂"	2" Tube
47-860R/2	316	Polished	2.12"	2.63"	1.3"	³/₈" or ¹/₂"	2" Tube

Mounts to flat surface.   *Mounts to tubing.*

Rubber Inserts for Radius Glass Grips

ITEM #	USE WITH	GLASS THICKNESS
85-GGI1007	Small Grips	1/4"
85-GGI1008	Small Grips	3/8"
85-GGI1009	Medium Grips	1/4"
85-GGI1010	Medium Grips	3/8"
85-GGI1015	Medium Grips	1/2"
85-GGI1013	Large Grips	3/8"
85-GGI1011	Large Grips	1/2"

Rubber Inserts come in pairs.

Round Glass Grips

ITEM #	MATERIAL	FINISH	W	H	D	GLASS THICKNESS	MOUNTS ON TO
CENTER GRIPS							
49-846C/F	316	Satin	2.30"	2.30"	¹/₂"	¹/₂"	Flat Surface
49-846C/424	316	Satin	2.30"	2.30"	¹/₂"	¹/₂"	1.67" Tube
END GRIPS							
49-846E/F	316	Satin	2.30"	2.30"	¹/₂"	¹/₂"	Flat Surface
49-846E/424	316	Satin	2.30"	2.30"	¹/₂"	¹/₂"	1.67" Tube

Rubber Inserts for Round Glass Grips

ITEM #	USE WITH	GLASS THICKNESS
85-GGI1002	Round Grips	1/2"

Rubber Inserts come in pairs.

Mounts to flat surface.   *Mounts to tubing.*

Universal Round Glass Grip

ITEM #	MATERIAL	FINISH	D	H	MOUNTS TO
49-842/F	316	Satin	Up to 1/2"	1.57"	Flat Surface
49-842/424	316	Satin	Up to 1/2"	1.57"	1.67"-diameter tube

Mounts to flat surface.   *Mounts to tubing.*
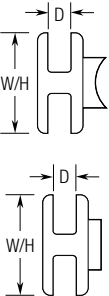
Lavi Industries
*Stainless Steel Railing Systems*

Finial options allow the end of a tube to be safely sealed. Radius wall returns offer the ability to wrap wall-mounted rail towards the wall. Flush end caps are designed to fit in by pressure: simply use a rubber hammer to hit the piece into place.
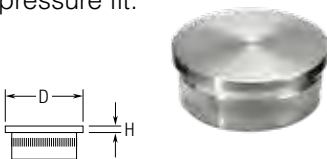
End Caps

Flush End Cap provides a clean, flat end for tubing.

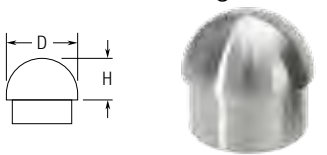| ITEM #	MATERIAL	FINISH	WALL THICK	D	H
49-600/1H16	316	Satin	0.06"	1.5"	0.13"
47-600/1H16	316	Polished	0.06"	1.5"	0.13"
49-600/216	316	Satin	0.06"	2"	0.13"
47-600/216	316	Polished	0.06"	2"	0.13"
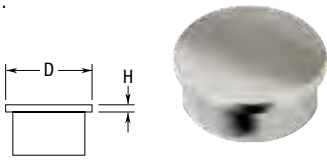
Knurled End Cap creates a flat, finished end for tubing.
The knurled texture on the neck provides a secure pressure fit.

ITEM #	MATERIAL	FINISH	WALL THICK	D	H
49-600PF/424	316	Satin	.08"	1.67"	0.14"
47-600PF/424	316	Polished	.08"	1.67"	0.14"
49-600PF/1H16	316	Satin	.06"	1.5"	0.14"
47-600PF/1H16	316	Polished	.06"	1.5"	0.14"
49-600PF/216	316	Satin	.06"	2"	0.14"
47-600PF/216	316	Polished	.06"	2"	0.14"

Half-ball Rounded End Cap creates a rounded, finished end for tubing.

ITEM #	MATERIAL	FINISH	WALL THICK	D	H
49-602/424	316	Satin	0.08"	1.67"	0.83"
47-602/424	316	Polished	0.08"	1.67"	0.83"
49-602/216	316	Satin	0.06"	2"	0.06"
47-602/216	316	Polished	0.06"	2"	0.06"

Ball Finial

Decorative ball that closes the end of a vertical or horizontal tube.

ITEM #	MATERIAL	FINISH	TUBE	WALL THICK	H	D
49-604/424	316	Satin	1.67"	0.08"	4.09"	2.75"
47-604/424	316	Polished	1.67"	0.08"	4.09"	2.75"
49-604/1H16	316	Satin	1.5"	0.06"	4.05"	2.75"
47-604/1H16	316	Polished	1.5"	0.06"	4.05"	2.75"
49-604/216	316	Satin	2"	0.06"	4.55"	3.08"
47-604/216	316	Polished	2"	0.06"	4.55"	3.08"
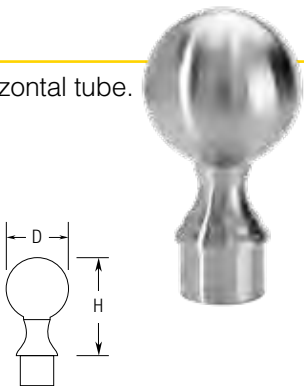
Radius Wall Return

For details, please see page 33.

ITEM #	MATERIAL	FINISH	OD	WALL THICK	LENGTH
49-A111/20	316	Satin	1.5"	0.06"	20'
47-A111/20	316	Polished	1.5"	0.06"	20'
49-A113/20	316	Satin	1.5"	0.125"	20'
49-A114/20	316	Satin	1.67"	0.08"	20'
47-A114/20	316	Polished	1.67"	0.08"	20'
49-A121/20	316	Satin	2"	0.06"	20'
47-A121/20	316	Polished	2"	0.06"	20'

Adhesive and Polish

ITEM #	PRODUCT	DESCRIPTION
00202	Lavi Metal Polish	Polish
00201	Loctite 326	Adhesive
00211	Loctite 7649	Primer
00203	MAAS Stainless Steel Cleaner	Cleaner
00204	MAAS Polishing Cloth	Cloth

Lavi Industries
Stainless Steel Railing Systems

Texas Office
5885 E. Houston Street
San Antonio, TX 78220

California Office
27810 Avenue Hopkins
Valencia, CA 91355

railings.lavi.com • railings@lavi.com • 877.275.5284