STAINLESS STEEL COLLECTION

Volume 3

euro ARCHITECTURAL COMPONENTS

A DIVISION OF EURO ORNAMENTAL FORGINGS INC.

PHOTOGRAPH: FORT ROUGE GLASS LTD.

Style
Design
Innovation

EAC is your #1 source for custom-made components! With many years of experience in the architectural industry along with our desire to craft innovative creations, our team of experts can help turn your designs into reality!

Euro Architectural Components (EAC) is Canada's largest distributor of architectural components for the railing and fence industries. EAC strives to remain at the forefront of evolving trends and technologies while bringing innovations to our valued customers and maintaining the highest quality of service.

EAC is excited to announce many additions to our Stainless Steel collection as our industry continues to be dominated by the popularity of Stainless components in exterior or interior applications for residential and commercial projects.

We are thrilled to introduce a new product line with **Tilt-Lock™ patented technology**, featuring Base Shoe Railing Systems and Spigots, both of which are available in various mounting options. As we constantly expand our collection, we invite you to refer to our website for the latest product updates.

www.euroeac.com

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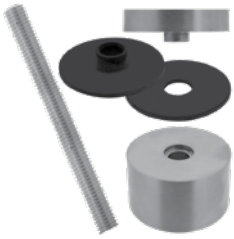
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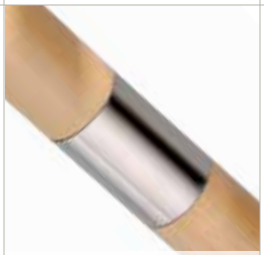
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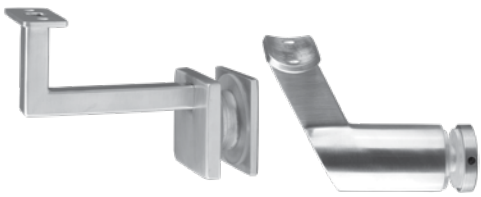
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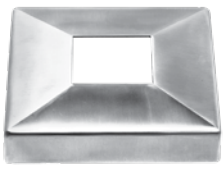
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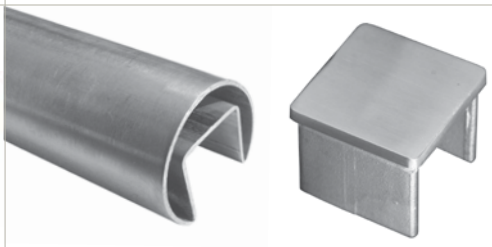
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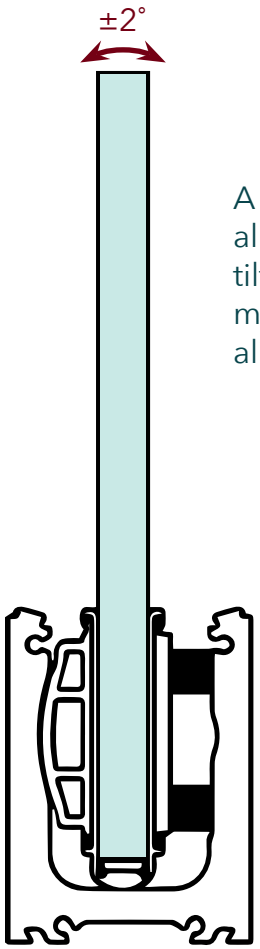
BASE SHOE

TILT-LOCK™

Tilt Adjustable Glass Railing Technology

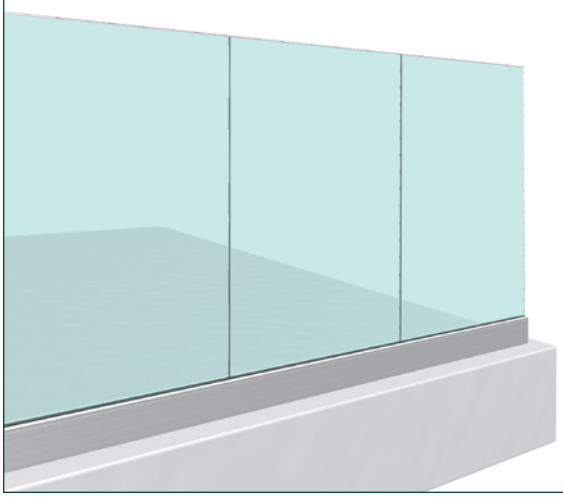


A simple process that allows you to easily tilt the glass in the mounts to the correct alignment.

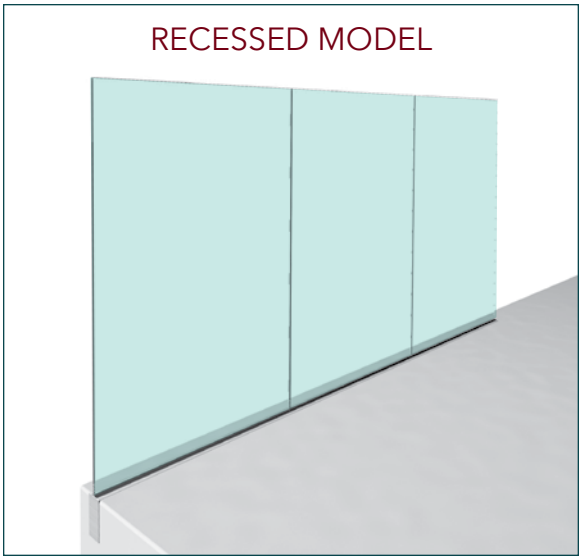
PRODUCT FEATURES

- Top Mount and Side Mount Models.
- Available in complete kits with your choice of Brushed Anodized Aluminum Cladding or Stainless Steel 316L Cladding.
- Suitable for **12mm** glass up to **25.52mm** glass.
- Allows for glass to be tilted 2° backward or forward.
- All adjustments can be achieved from one side.
- Faster and easier installation.
- Perfect alignment every time.
- Ready-to-install with pre-drilled holes; stabilizing washers included.
- All concealed components.
- **Fully engineered for the National Building Code of Canada.**
- All base shoe railing systems have been tested up to 3 kN.
- **Patented rotating pressure plate system.**
- **Canadian Patent Application No. 2,962,407.**
- **U.S. Patent Application No. 15/024,903.**
- **New Zealand Patent No. 700501.**
- **European, UK, Australian, Chinese Patents Pending.**

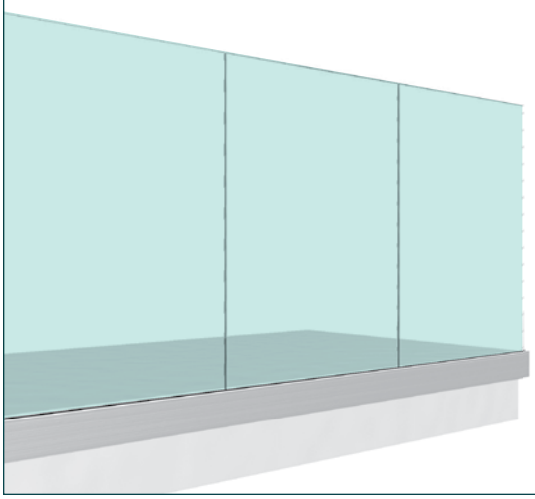
TOP MOUNT MODEL



RECESSED MODEL

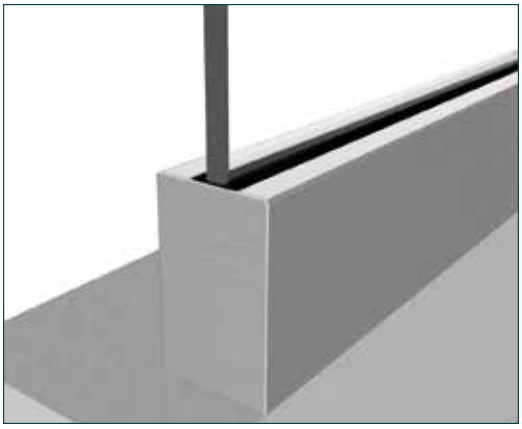


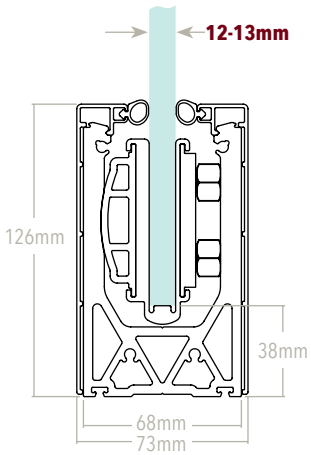
SIDE MOUNT MODEL

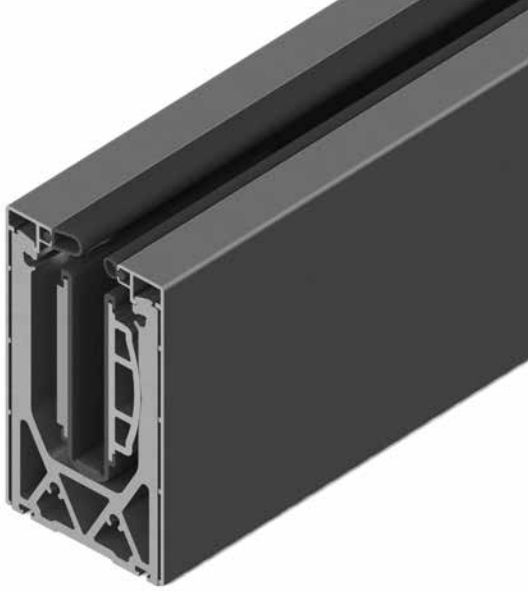


TOP MOUNT MODEL (available in complete kits with your choice of cladding)

ALUMINUM CLADDING







PRODUCT FEATURES

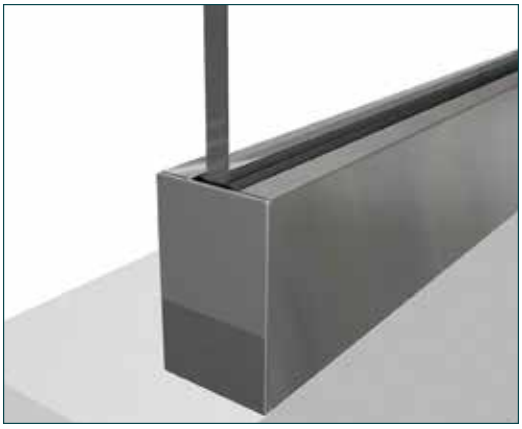
- Suitable for **12-13mm** glass.
- Glass height 38mm above ground level.
- **Shoe:** Alkaline anodized aluminum 6063 T6 with top mount fabrication.
- **Full Cover Cladding:** Brushed anodized aluminum 6463 T5 with attached gaskets.
- **End Caps:** Brushed anodized aluminum to match shoe.
- **Glass Spacers:** For space between glass panels; cut to size.

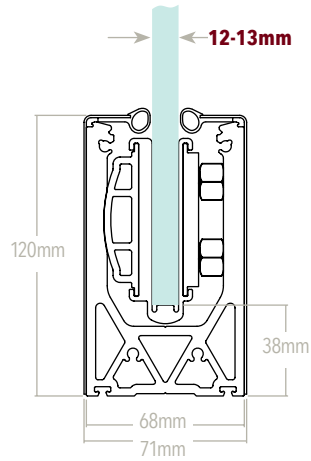
PART #	SHOE LENGTH (ft)	CLADDING (pcs)	GLASS GRIPS (pcs)	END CAPS (pcs)	JOINING PINS (pcs)	GLASS SPACERS (pcs)	STABILIZING WASHERS (pcs)
SSSM3SHOE10A	10	2 x 10 ft	6	2	4	1 x 4"	10
SSSM3SHOE20A	20	2 x 20 ft	12	2	8	1 x 8"	20

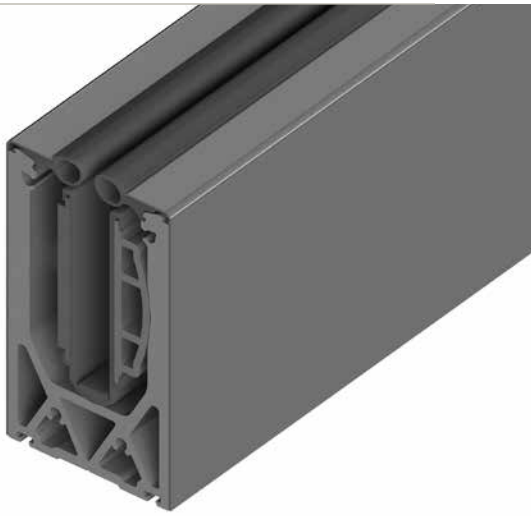
RECESSED APPLICATIONS

For recessed applications, we offer Top Cover Cladding in 10 ft. lengths (SSSM3TCC10A), which can be purchased separately to be used with one of the above kits.

STAINLESS STEEL CLADDING







PRODUCT FEATURES

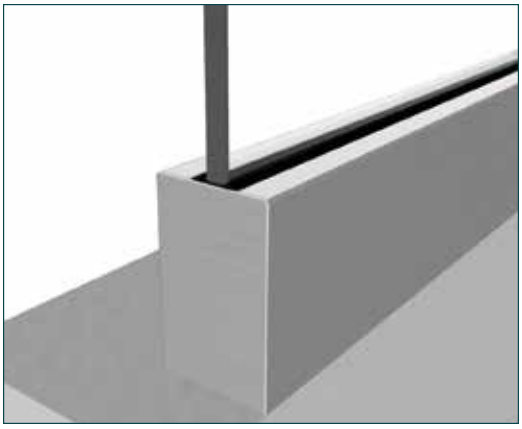
- Suitable for **12-13mm** glass.
- Glass height 38mm above ground level.
- **Shoe:** Alkaline anodized aluminum 6063 T6 with top mount fabrication.
- **Full Cover Cladding:** Stainless steel 316L satin finish with attached gaskets.
- **End Caps:** Stainless steel 316L satin finish to match shoe.
- **Glass Spacers:** For space between glass panels; cut to size.

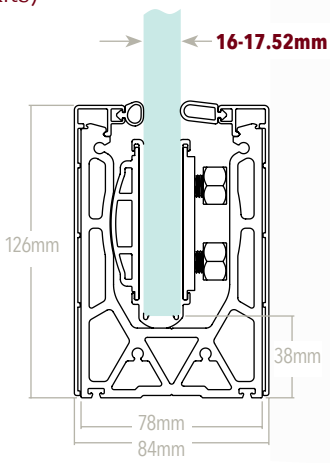
PART #	SHOE LENGTH (ft)	CLADDING (pcs)	GLASS GRIPS (pcs)	END CAPS (pcs)	JOINING PINS (pcs)	GLASS SPACERS (pcs)	STABILIZING WASHERS (pcs)
SSSM3SHOE10S	10	2 x 10 ft	6	2	4	1 x 4"	10
SSSM3SHOE20S	20	2 x 20 ft	12	2	8	1 x 8"	20

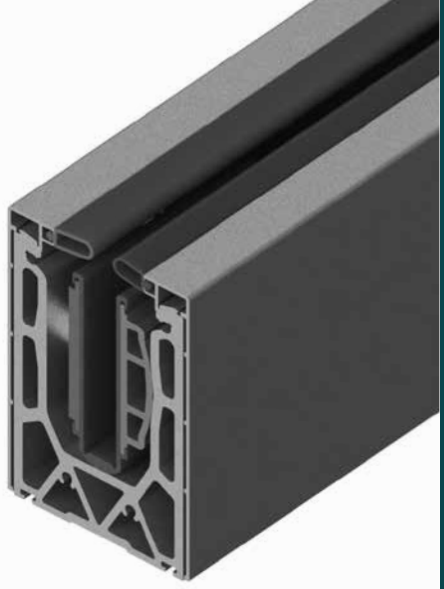
NOTE: For installation instructions, engineering, and drawings, please refer to our website.

INSTALLATION VIDEO

ALUMINUM CLADDING (available in complete kits)







PRODUCT FEATURES

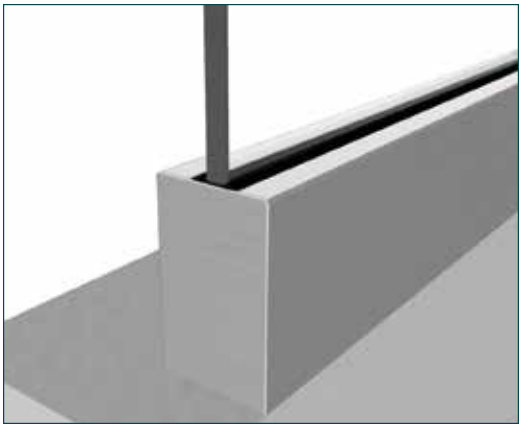
- Suitable for **16-17.52mm** glass (5/8" or 2 x 8mm + laminate).
- Glass height 38mm above ground level.
- **Shoe:** Alkaline anodized aluminum 6063 T6 with top mount fabrication.
- **Full Cover Cladding:** Brushed anodized aluminum 6463 T5 with attached gaskets.
- **End Caps:** Brushed anodized aluminum to match shoe.
- **Glass Spacers:** For space between glass panels; cut to size.

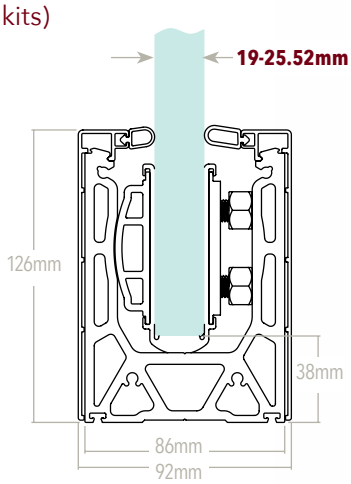
PART #	SHOE LENGTH (ft)	CLADDING (pcs)	GLASS GRIPS (pcs)	END CAPS (pcs)	JOINING PINS (pcs)	GLASS SPACERS (pcs)	STABILIZING WASHERS (pcs)
SSSM4SHOE10A	10	2 x 10 ft	6	2	4	1 x 4"	10

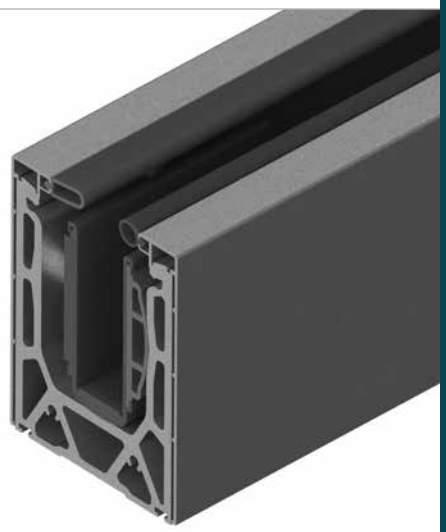
ACCESSORIES

PART #	DESCRIPTION
SSSM4ENDCAP1	Stair end cap - anodized aluminum
SSSM4GRIPS	Glass grips for base shoe (pkg. of 2 pcs.)

ALUMINUM CLADDING (available in complete kits)







PRODUCT FEATURES

- Suitable for **19-25.52mm** glass (3/4" or 2 x 10mm + laminate).
- Glass height 38mm above ground level.
- **Shoe:** Alkaline anodized aluminum 6063 T6 with top mount fabrication.
- **Full Cover Cladding:** Brushed anodized aluminum 6463 T5 with attached gaskets.
- **End Caps:** Brushed anodized aluminum to match shoe.
- **Glass Spacers:** For space between glass panels; cut to size.

PART #	SHOE LENGTH (ft)	CLADDING (pcs)	GLASS GRIPS (pcs)	END CAPS (pcs)	JOINING PINS (pcs)	GLASS SPACERS (pcs)	STABILIZING WASHERS (pcs)
SSSM5SHOE10A	10	2 x 10 ft	6	2	4	1 x 4"	10

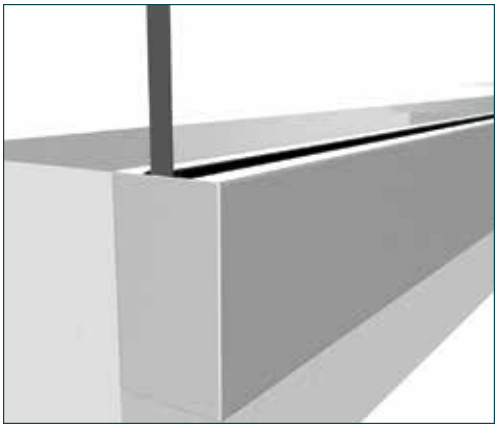
ACCESSORIES

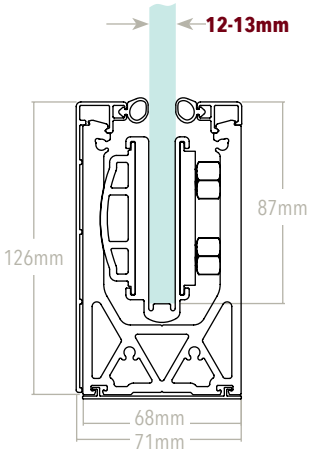
PART #	DESCRIPTION
SSSM5ENDCAP1	Stair end cap - anodized aluminum
SSSM5GRIPS	Glass grips for base shoe (pkg. of 2 pcs.)

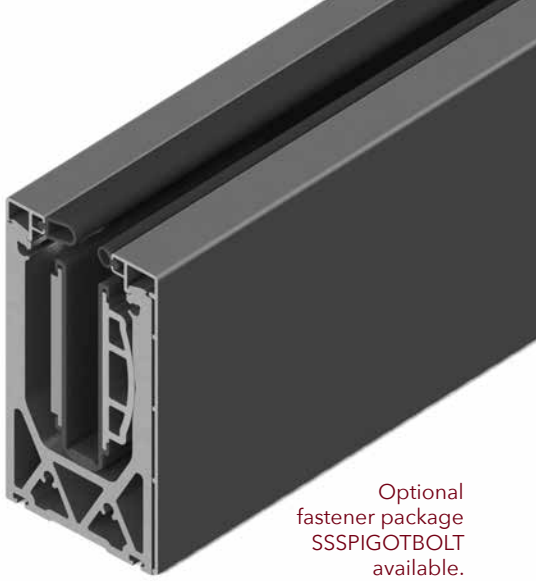
Stainless Steel Cladding or 20 ft. kits available as SPECIAL ORDER ONLY. Contact us to inquire.

SIDE MOUNT MODEL (available in complete kits)

ALUMINUM CLADDING







Optional fastener package SSSPIGOTBOLT available. (See page 109.)

PRODUCT FEATURES

- Suitable for **12-13mm** glass.
- Glass height 38mm above ground level.
- **Shoe:** Alkaline anodized aluminum 6063 T6 with side mount fabrication.
- **Full Cover Cladding:** Brushed anodized aluminum 6463 T5 with attached gasket.
- **End Caps:** Brushed anodized aluminum to match shoe.
- **Glass Spacers:** For space between glass panels; cut to size.

PART #	SHOE LENGTH (ft)	CLADDING (pcs)	GLASS GRIPS (pcs)	END CAPS (pcs)	JOINING PINS (pcs)	GLASS SPACERS (pcs)	STABILIZING WASHERS (pcs)
SSSM3SIDE10A	10	1 x 10 ft*	6	2	4	1 x 4"	10

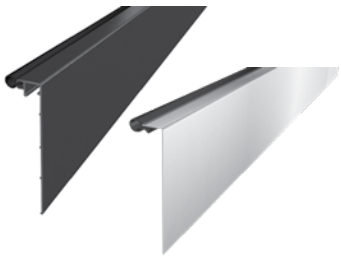
*REFERS TO FULL COVER CLADDING; TOP & BOTTOM COVER CLADDING INCLUDED.

INSTALLATION VIDEO

ACCESSORIES

CLADDING

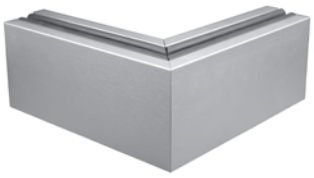
- Sold individually.
- Used with our SSSM3 series base shoe.



PART #	DESCRIPTION	INCLUDED	LENGTH (ft)	APPLICATION
SSSM3CLADB	Black anodized aluminum cladding	Gasket	10	Top Mount
SSSM3CLADM	Stainless steel mirror finish cladding	Gasket	10	Top Mount

CORNER CLADDING KITS

- 1 ft. kits for 90° applications.
- Cladding comes in a set of 4 pcs. - 2 for outside and 2 for inside.



PART #	DESCRIPTION	APPLICATION	USE WITH
SSSM3CCKITA	Aluminum corner cladding kit	Top Mount	SSSM3SHOE10A SSSM3SHOE20A
SSSM3CCKITS	Stainless steel corner cladding kit	Top Mount	SSSM3SHOE10S SSSM3SHOE20S

END CAPS

- Stair end caps can be used for the top and bottom of stairs with the base shoe.
- Stair end caps need to be cut to fit application.

PART #	DESCRIPTION	APPLICATION	USE WITH
SSSM3ENDCAP1	Stair end cap - anodized aluminum	Top Mount	SSSM3SHOE10A SSSM3SHOE20A
SSSM3ENDCAP2	Stair end cap - stainless steel satin finish	Top Mount	SSSM3SHOE10S SSSM3SHOE20S
SSSM3ENDCAP3	Stair end cap - anodized aluminum	Side Mount	SSSM3SIDE10A
SSSM3ENDCAP4	End cap - black anodized aluminum	Top Mount	SSSM3CLADB
SSSM3ENDCAP5	Stair end cap - black anodized aluminum	Top Mount	SSSM3CLADB
SSSM3ENDCAP6	End cap - stainless steel mirror finish	Top Mount	SSSM3CLADM
SSSM3ENDCAP7	Stair end cap - stainless steel mirror finish	Top Mount	SSSM3CLADM

GLASS GRIPS

- Sold in pkg. of 2 pcs.

PART #	DESCRIPTION	APPLICATION	USE WITH
SSSM3GRIPS	Glass grips for base shoe	Top Mount	SSSM3SHOE10A SSSM3SHOE20A SSSM3SHOE10S SSSM3SHOE20S
		Side Mount	SSSM3SIDE10A

PRE-FABRICATED POSTS

ROUND

ALL POSTS ARE SS316.

Choose from the options below to complete your post.

END CAP
SSEP0010216S

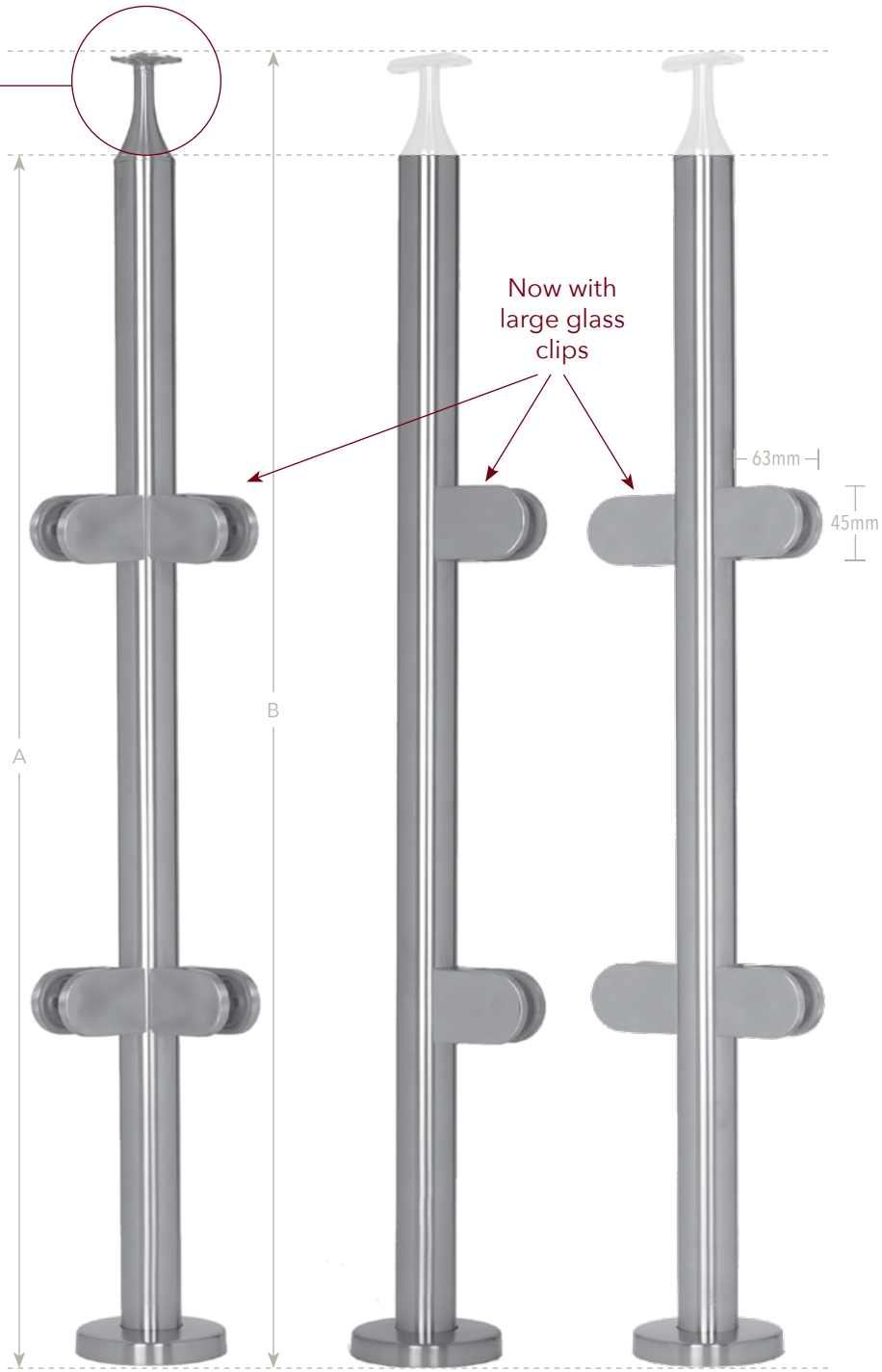
FIXED TUBE SUPPORT
SSTF2030016S

SWIVEL TUBE SUPPORT
SSTS2030016S

STRAIGHT
HANDRAIL ATTACHMENT PLATE
SSUA0010316S

90° HANDRAIL ATTACHMENT PLATE
SSUA0012316S

For additional handrail attachment plates, refer to page 71.



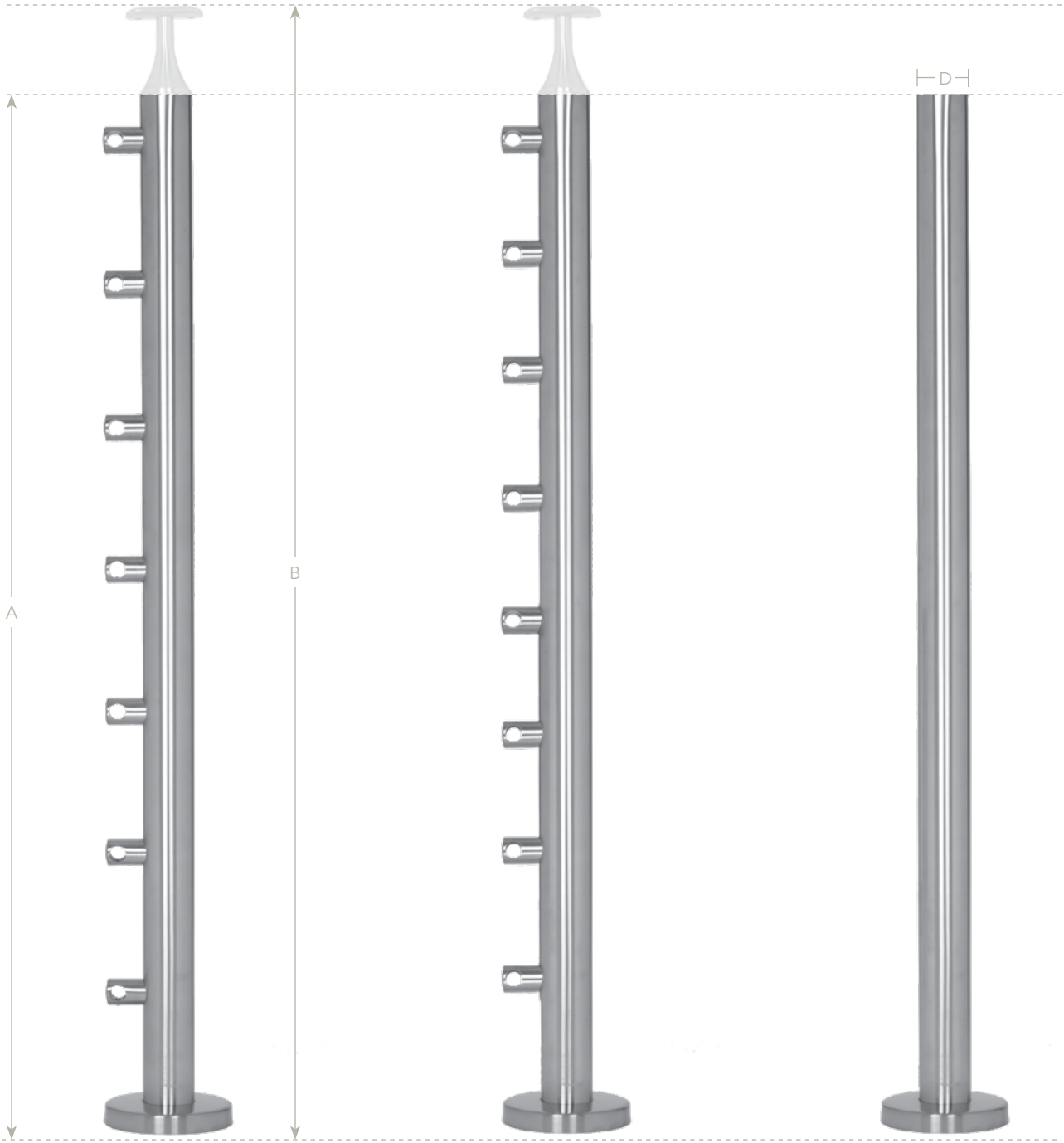
PART #	PART #	PART #	A	B
SSPG166L36C	**SSPG166L36E**	**SSPG166L36L**	32"	34.657"
SSPG166S40C	**SSPG166S40E**	**SSPG166S40L**	36"	38.657"
SSPG166L42C	**SSPG166L42E**	**SSPG166L42L**	38"	40.657"

D (tube) **42.4mm** • **T** (thickness) **2.0mm**

42.4mm = 1.66"

NOTE: Glass clips are suitable for glass thickness up to 12mm. Gaskets for 10mm and 12mm included.

PRODUCT CODE LEGEND					
SS Stainless Steel **P** Post	**G** Round **R** Rod **SQ** Square	**L** Landing **S** Stairway	**36, 40, 42** Post Height in inches with Railing on Top	**C** Corner **E** End **L** Line	



7 HOLDERS

PART #	A	B
SSPR166L36	32"	34.657"

D (tube) **42.4mm** • **T** (thickness) **2.0mm**

8 HOLDERS

PART #	A	B
SSPR166S40	36"	38.657"
SSPR166L42	38"	40.657"

D (tube) **42.4mm** • **T** (thickness) **2.0mm**

PART #	D (tube)	T (thickness)	A
SSPG1540	38.1mm	1.5mm	40"
SSPG16640	42.4mm	2.0mm	40"
SSPG16642	42.4mm	2.0mm	42"
SSPG240	50.8mm	1.5mm	40"

Only comes with plate cover; no fittings included.

38.1mm = 1 1/2" • 42.4mm = 1.66" • 50.8mm = 2"

PRE-FABRICATED POSTS

SQUARE

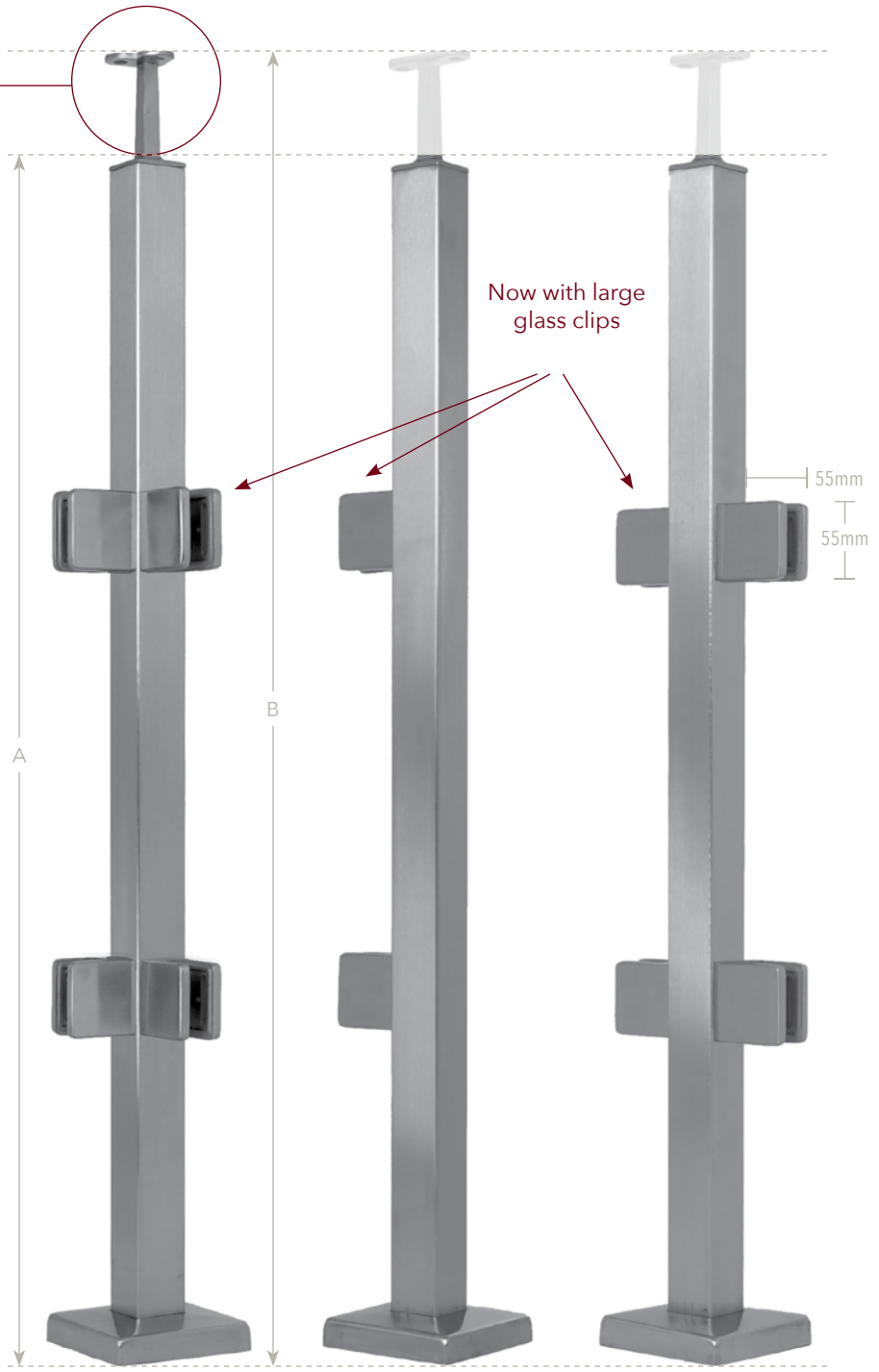
ALL POSTS ARE SS316.

Choose from the options below to complete your post.

END CAP
SSZP0404016S

FIXED TUBE SUPPORT
SSZT0404016S

SWIVEL TUBE SUPPORT
SSZT1404016S

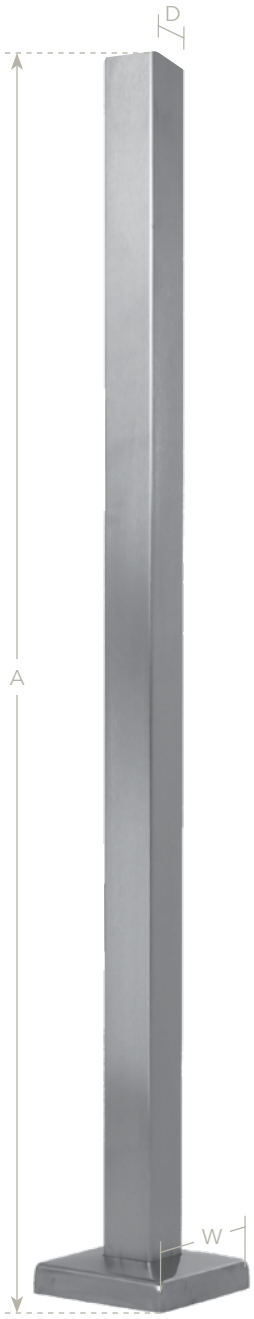


PART #	PART #	PART #	A	B
SSPSQ40L36C	**SSPSQ40L36E**	**SSPSQ40L36L**	32.507"	35.657"
SSPSQ40S40C	**SSPSQ40S40E**	**SSPSQ40S40L**	36.507"	39.657"
SSPSQ40L42C	**SSPSQ40L42E**	**SSPSQ40L42L**	38.507"	41.657"

D (tube) **40 x 40mm** • **T** (thickness) **2.0mm**

40mm = 1.57" • 50.8mm = 2"

NOTE: Glass clips are suitable for glass thickness up to 12mm. Gaskets for 10mm and 12mm included.



PART #	A	W	D (tube)
SSPSQ40403	40"	3"	40 x 40mm
SSPSQ4040	40"	4"	40 x 40mm
SSPSQ4042	42"	4"	40 x 40mm
SSPSQ5042	42"	4"	50.8 x 50.8mm

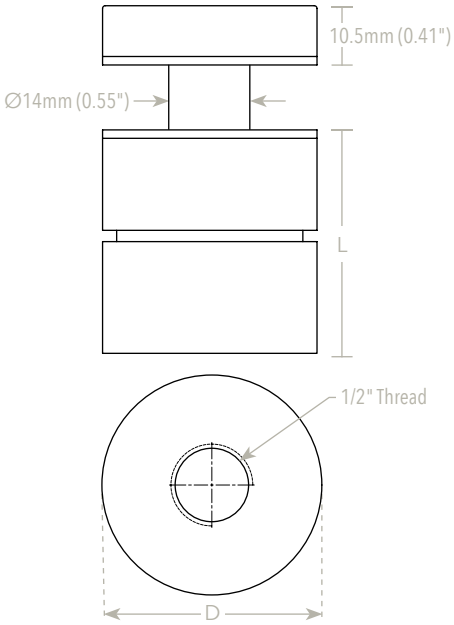
T (thickness) **2.0mm**

Only comes with plate cover;
no fittings included.

PHOTOGRAPH: ESCALIERS GILLES GRENIER

mlevel ADJUSTABLE GLASS STANDOFFS

ROUND



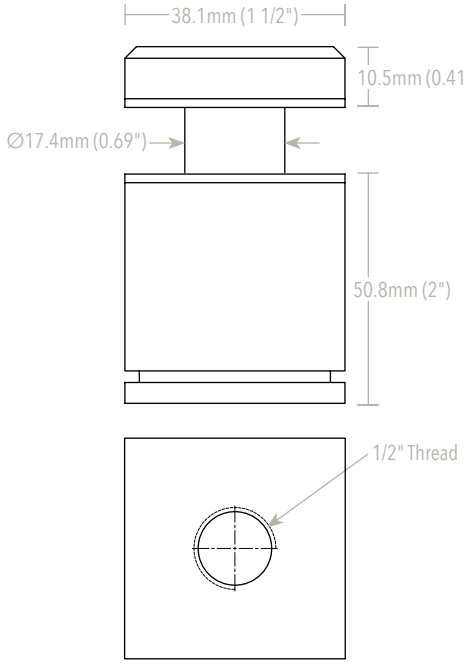
BACK VIEW

PART #	D (diameter)	L (length)	GRADE
SSASF112114	1 1/2"	1 1/4"	SS304
SSASF112112	1 1/2"	1 1/2"	SS304
SSASF1121126	1 1/2"	1 1/2"	SS316
SSASF112112B◆	1 1/2"	1 1/2"	SS304
SSASF1122	1 1/2"	2"	SS304
SSASF11226	1 1/2"	2"	SS316
SSASF2112	2"	1 1/2"	SS304

◆ Satin black powder coated

INSTALLATION VIDEO

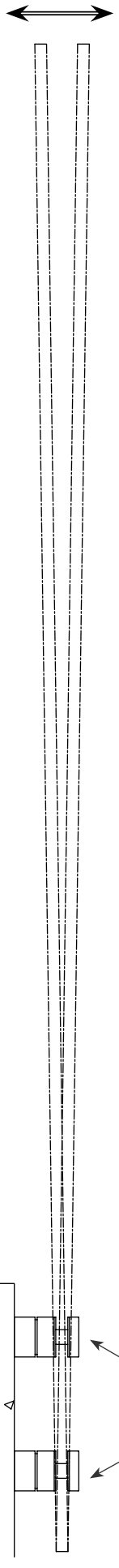
SQUARE



BACK VIEW

PART #	D (diameter)	L (length)	GRADE
SSASSQR	1 1/2"	2"	Duplex 2205

NOTE: Length (L) of standoffs can be adjusted by a maximum of 1/4".



PRODUCT FEATURES

- Allow easy and precise vertical alignment of glass panels.
- No need for shims or extra washers.
- No need to remove glass panel in order to add extra washers.
- No need to bend glass panels in order to line them up using glass caps or handrails.
- After glass panel is set in place, it can be vertically aligned from the face side using Allen key.
- Individual standoffs can extend up to 1/4", which translates into a few inches of adjustability at the top of the glass.
- Material is 304 grade stainless steel. Satin finish.
- Standoffs come in diameters (D) of 1 1/2" and 2" and lengths (L) of 1 1/4", 1 1/2", and 2".
- Use 1/2"-13 fasteners for mounting.
- Recommended glass size is 1/2".
- Recommended hole size for glass is 3/4" to a max of 7/8".
- Recommended spacing is 6" off edge of glass and 24" center-to-center.
- Engineering available.
- **Subject to patent: US8641343B2.**

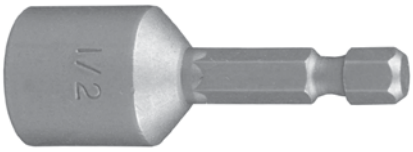
ACCESSORIES

SSSPANNER4 - SPANNER for 22-35mm standoffs
SSSPANNER3 - SPANNER for 35-60mm standoffs

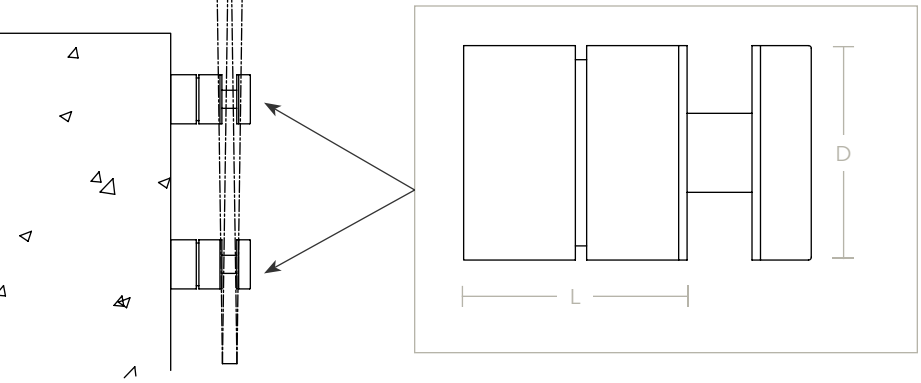
SSASHANG212Z (Zinc)
SSASHANG212S (Stainless Steel)
HANGER BOLT 1/2" x 2 1/2"

SSASHANG314Z (Zinc)
SSASHANG314S (Stainless Steel)
HANGER BOLT 1/2" x 3 1/4"

HB12312 (Zinc) - HANGER BOLT 1/2" x 3 1/2"
HB124SS (Stainless Steel) - HANGER BOLT 1/2" x 4"
HB125 (Zinc) - HANGER BOLT 1/2" x 5"
HB125SS (Stainless Steel) - HANGER BOLT 1/2" x 5"



HBD12 (Zinc) - HANGER BOLT DRIVER 1/2"-13

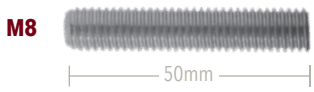


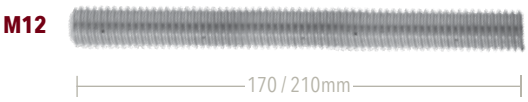
GLASS STANDOFFS

All items are SS304. Gaskets included with caps or can be purchased separately if gasket PART # is mentioned.

CAPS

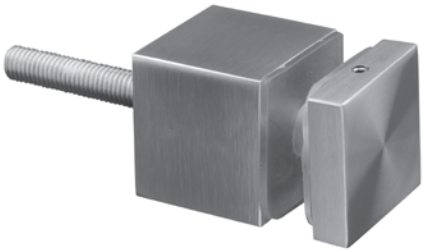
	PART #	THREAD	RECOMMENDED GLASS HOLE SIZE	GASKET PART #
1 1/4"	**STCAP1144S**	M8	5/8"	**STCAP114RBN**
1 1/2"	**STCAP1124S**	M10	5/8"	**STCAP112RBN**
2"-M10	**STCAP24S**	M10	3/4"	**STCAP2RBN**
2"-M12	**STCAP24S12**	M12	3/4"	





SPACERS

	PART #	L (length)	THREAD	THREADED ROD LENGTH (mm)
1 1/4"	**ST11412F4S**	1/2"	M8	50
1 1/2"	**ST11212F4S**	1/2"	M10	95
	ST1121F4S	1"	M10	95
	ST112112F4S	1 1/2"	M10	100
	ST1122F4S	2"	M10	140
2"-M10	**ST238F4S**	3/8"	M10	50
	ST234F4S	3/4"	M10	80
	ST21F4S	1"	M10	80
	ST2112F4S	1 1/2"	M10	100
	ST22F4S	2"	M10	140
2"-M12	**ST2212F4S**	2 1/2"	M12	170
	ST23F4S	3"	M12	210



SQUARE STANDOFF (Cap & Spacer)

	PART #	L (length)	THREAD	THREADED ROD LENGTH (mm)
1 1/2"	**SSZH0400004S**	1 1/2"	M10	110

For all standoffs on this page, threaded rod included with spacers for use with concrete or metal.
For use with wood, hanger bolts are required. See sizes below.

PART #	THREAD	BOLT LENGTH (mm)
HBM850	M8	50
HBM880	M8	80
HBM8100	M8	100

PART #	THREAD	BOLT LENGTH (mm)
HBM1050	M10	50
HBM1080	M10	80
HBM10100	M10	100

PART #	THREAD	BOLT LENGTH (mm)
HBM12120	M12	120

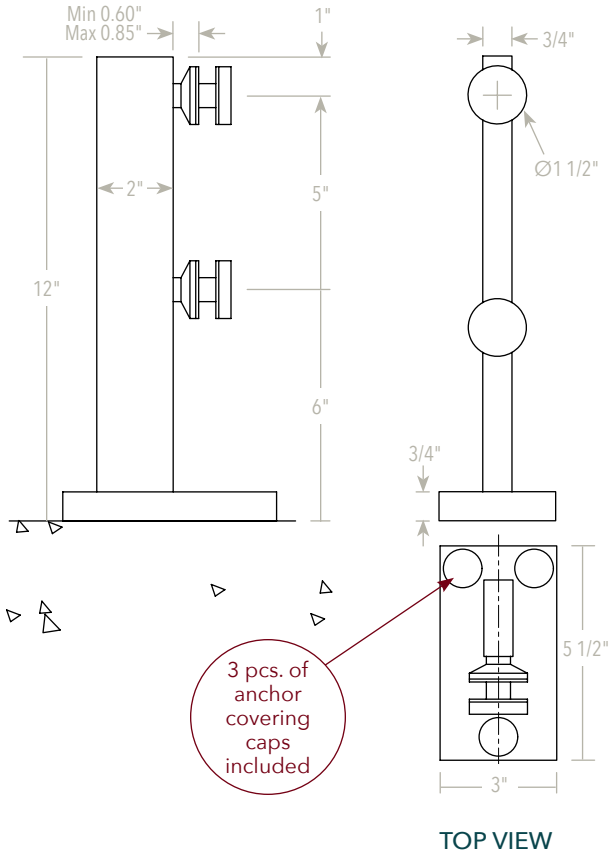
PHOTOGRAPH: ENFER DESIGN INC.

SURFACE MOUNT

BLACK ANODIZED ALUMINUM
PART #
ALMPB112SUR

CLEAR ANODIZED ALUMINUM
PART #
ALMPC112SUR

STAINLESS STEEL
PART #
SSMPAS112SUR



TOP VIEW

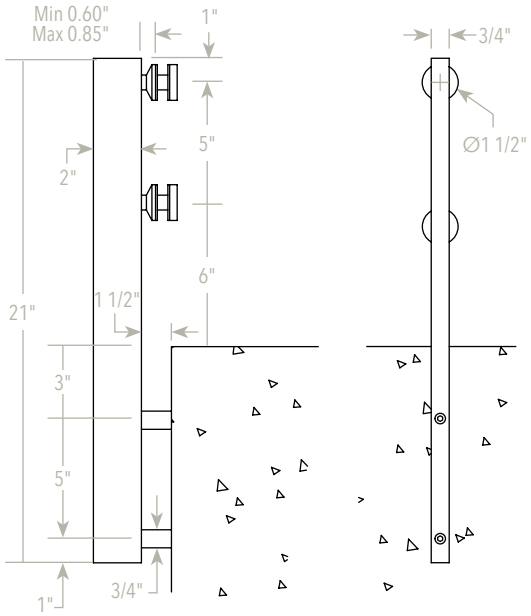
Surface mount mini posts are 3/4" x 2" with an overall height of 12" including surface mount plate.

SIDE MOUNT

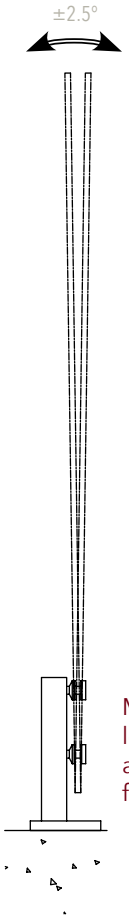
BLACK ANODIZED ALUMINUM
PART #
ALMPB112SIDE

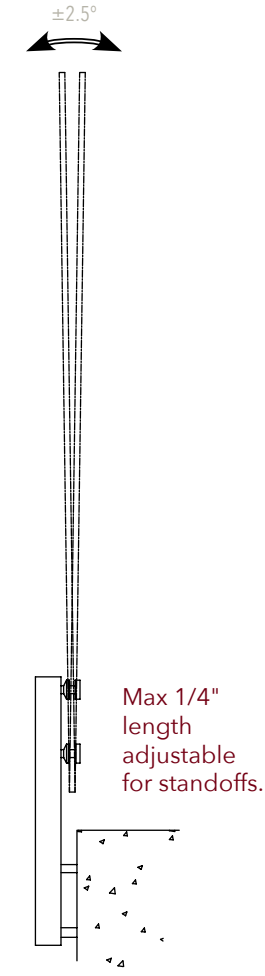
CLEAR ANODIZED ALUMINUM
PART #
ALMPC112SIDE

STAINLESS STEEL
PART #
SSMPAS112SID



Side mount mini posts are 3/4" x 2" with an overall height of 21".

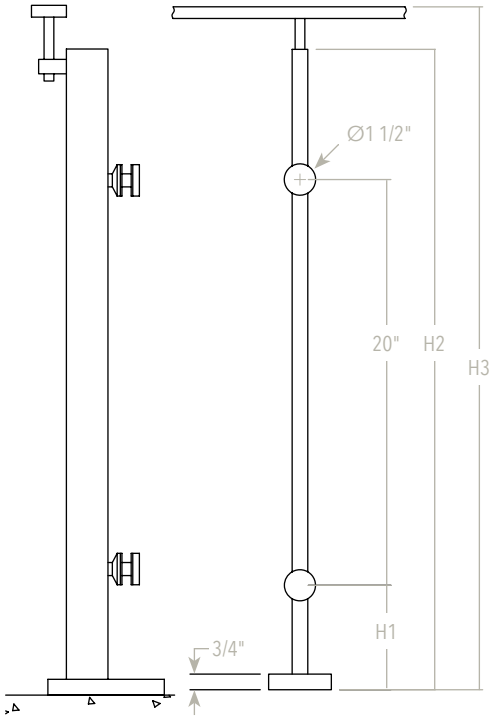




PRODUCT FEATURES

- Adjustable standoffs allow precise vertical alignment of glass panels.
- Adjustable standoffs come in 1 1/2" diameter.
- Recommended glass size is 1/2".
- Recommended hole size for glass is 3/4" to a max of 7/8".
- Engineering available.
- **Subject to patent: US8641343B2.**

FULL SIZED POSTS Available in surface mount only.



BLACK ANODIZED ALUMINUM

PART #	SIZE	H1	H2	H3
SSMP36ALUMB	33"	8"	33"	36"
SSMP42ALUMB	39"	11"	39"	42"

CLEAR ANODIZED ALUMINUM

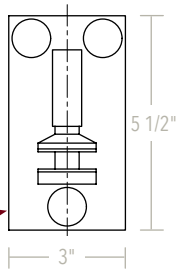
PART #	SIZE	H1	H2	H3
SSMP36ALUMC	33"	8"	33"	36"
SSMP42ALUMC	39"	11"	39"	42"

STAINLESS STEEL

PART #	SIZE	H1	H2	H3
SSMP36SS	33"	8"	33"	36"
SSMP42SS	39"	11"	39"	42"

Full-sized posts are 3/4" x 2" with an overall height of 33" or 39" including surface mount plate.

3 pcs. of anchor covering caps included



TOP VIEW

HANDRAIL BRACKETS

Handrail brackets come standard in side mount option. Included: 1 pc. stainless steel handrail bracket.

Handrail brackets in top mount and blank options available upon request.

PRODUCT FEATURES

- Adjustable standoffs allow precise vertical alignment of glass panels.
- Adjustable standoffs come in 1 1/2" diameter.
- Recommended glass size is 1/2".
- Recommended hole size for glass is 3/4" to a max of 7/8".
- Engineering available.
- **Subject to patent: US8641343B2.**

TILT-LOCK™
Tilt Adjustable Glass Railing Technology

DUPLEX 2205 ULTRA MARINE GRADE STAINLESS STEEL
SUPERIOR STRENGTH
SUPERIOR CORROSION RESISTANCE

ADJUSTABLE GLASS MOUNTING SYSTEMS

The Tilt-Lock™ Adjustable Glass Mounting Systems are available in 4 models to suit almost every possible mounting requirement for glass 12-17.52mm thick.

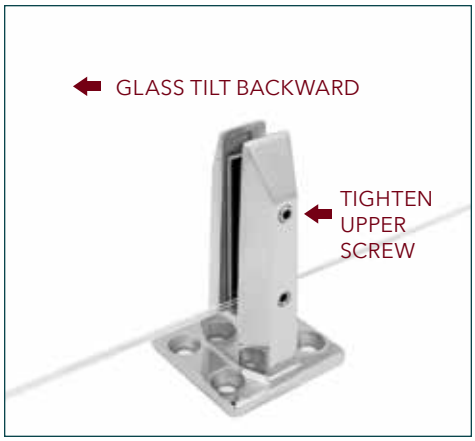
The clean architectural lines create a unique facade, providing a very cost-efficient modern solution for structural glass railings.

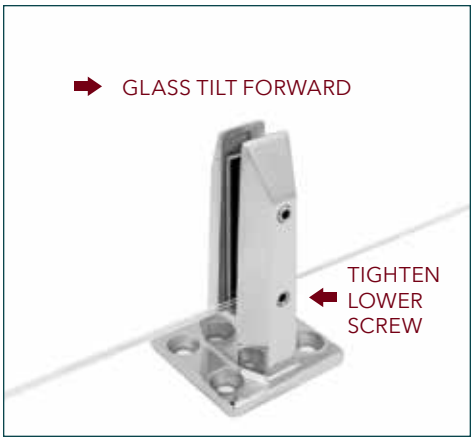
The no-holes-in-the-glass system allows the glass to be easily adjusted using the pressure on the screws to ensure a perfect installation every time and results in a stronger, more reliable system.

PRODUCT FEATURES

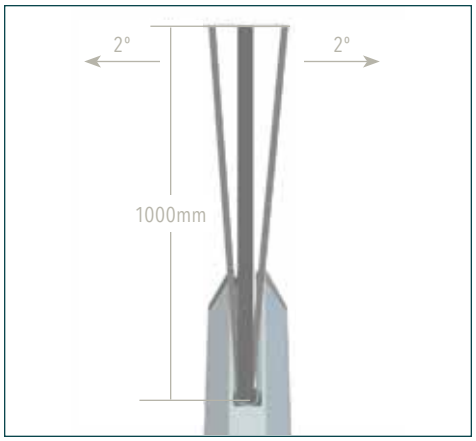
- Top Mount, Side Mount, and Edge Mount Models.
- Duplex 2205 construction in satin finish.
- Suitable for **12-17.52mm** glass.
- Allows for glass to be tilted 2° backward or forward.
- All adjustments can be achieved from one side.
- **Fully engineered for the National Building Code of Canada.**
- All spigot models have been tested up to 3 kN.
- **Canadian Patent Application No. 2,962,407.**
- **U.S. Patent Application No. 15/024,903.**
- **New Zealand Patent No. 700501.**
- **European, UK, Australian, Chinese Patents Pending.**

TIGHTENING



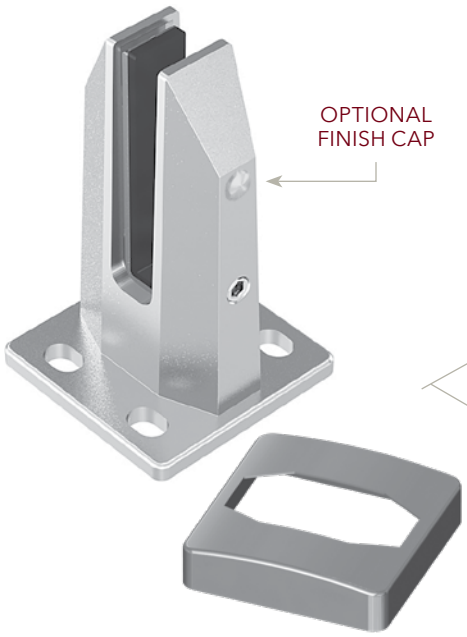


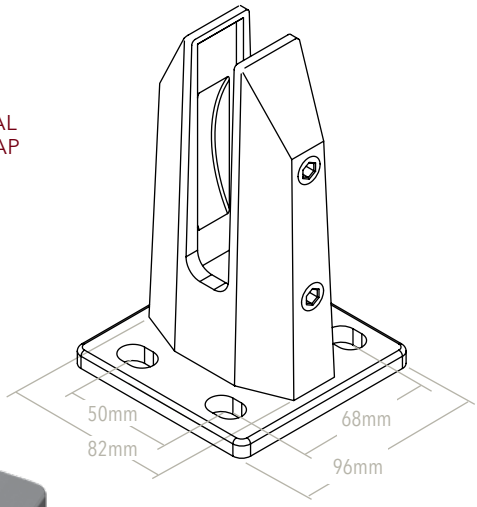
ADJUSTMENT

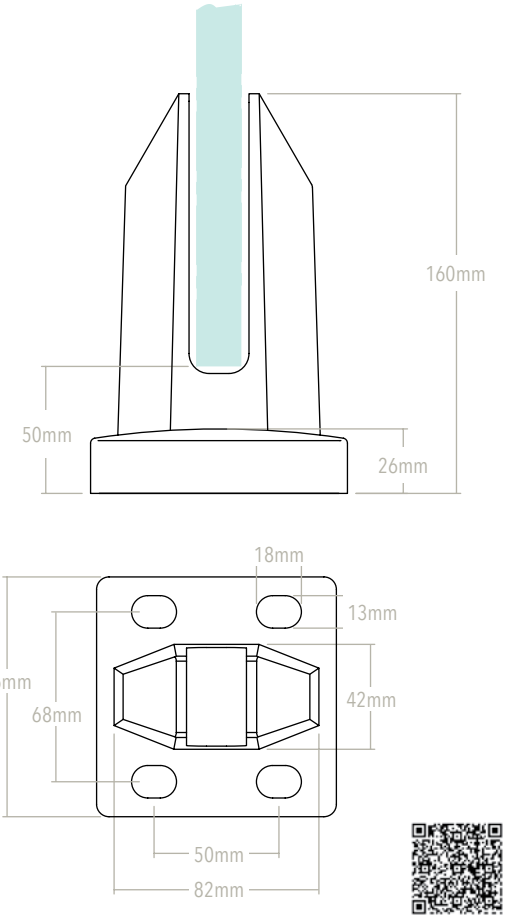


NOTE: For installation instructions, engineering, and drawings, please refer to our website.

TOP MOUNT SQUARE BASE PLATE MODEL





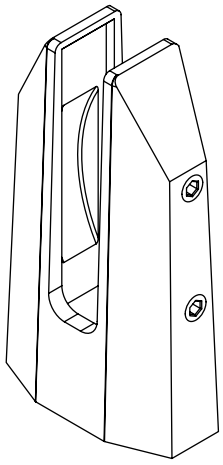


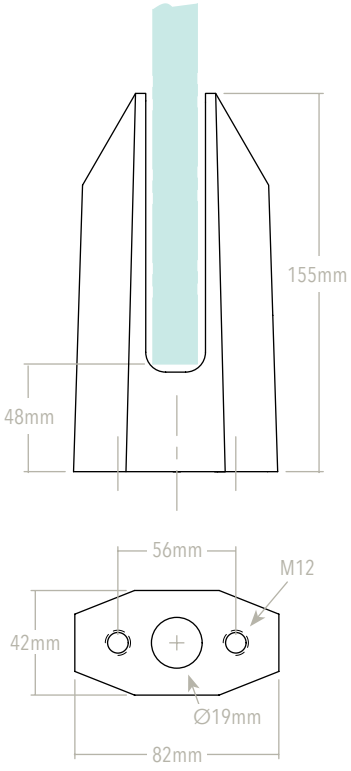
PART #
SSSPIGOTADJ

- Duplex 2205 stainless steel.
- Satin finish.
- Pressure plate model.
- Suitable for **12-17.52mm** glass.
- Slotted base plate holes.
- Cover plate included.
- Optional finish cap package (2 pcs.) SSSPIGOTCAP available.

INSTALLATION VIDEO

TOP MOUNT MODEL



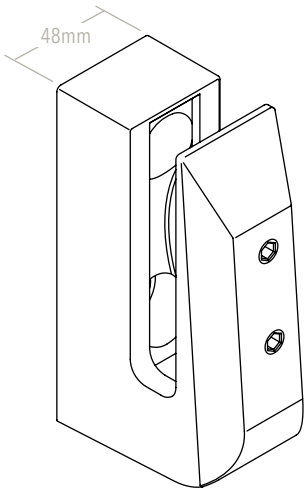


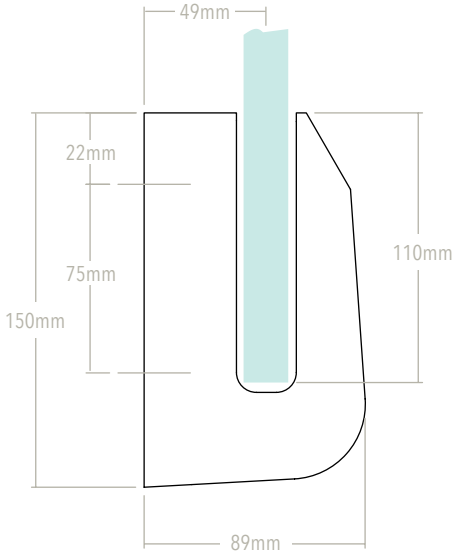
PART #
SSSPIGOTADJN

- Duplex 2205 stainless steel.
- Satin finish.
- Pressure plate model.
- Suitable for **12-17.52mm** glass.
- No cover plate required.
- Optional finish cap package (2 pcs.) SSSPIGOTCAP available.

INSTALLATION VIDEO

SIDE MOUNT MODEL

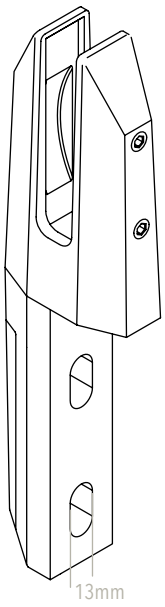


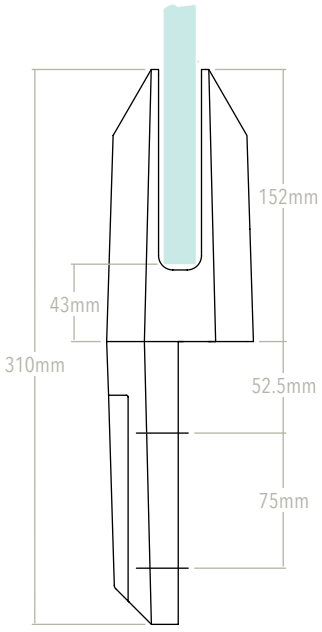


PART #
SSSPIGOTSIDE

- Duplex 2205 stainless steel.
- Satin finish.
- Pressure plate model.
- Suitable for **12-17.52mm** glass.
- For ease of installation, we recommend using our SSSPIGOTSIDT socket tool, which can be purchased separately.
- Optional finish cap package (2 pcs.) SSSPIGOTCAP available.

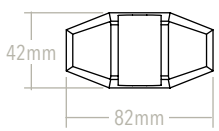
EDGE MOUNT MODEL





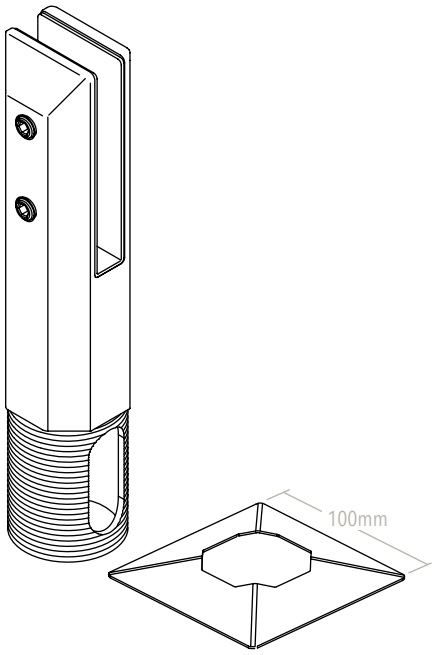
PART #
SSSPIGOTEDGE

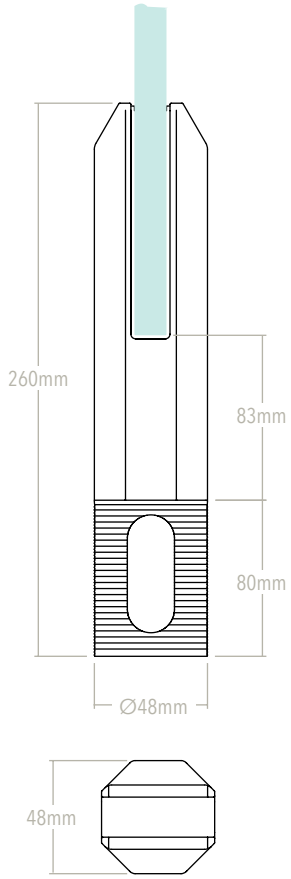
- Duplex 2205 stainless steel.
- Satin finish.
- Pressure plate model.
- Suitable for **12-17.52mm** glass.
- Optional fastener package SSSPIGOTBOLT available (see page 109).
- Optional finish cap package (2 pcs.) SSSPIGOTCAP available.



INSTALLATION VIDEO

CORE MOUNT MODEL



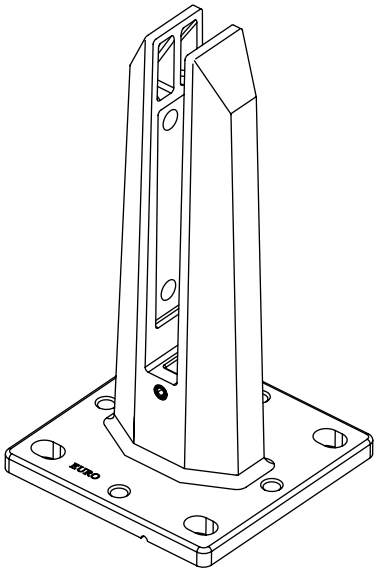


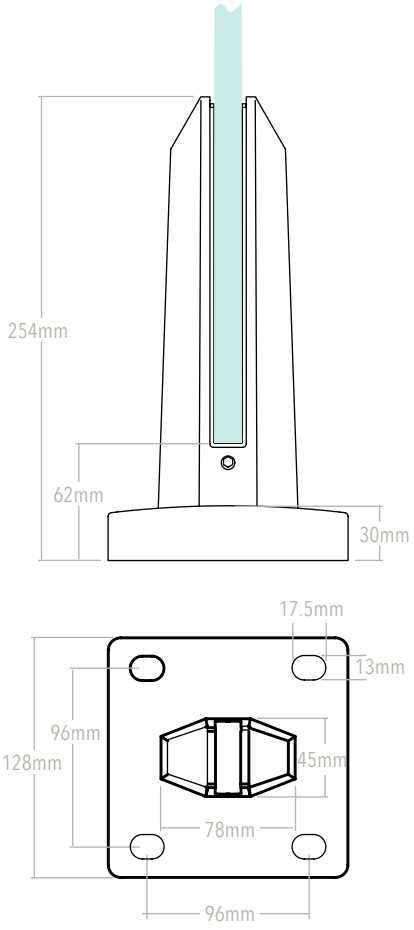
PART #
SSSPIGOTCORE

- Duplex 2205 stainless steel.
- Satin finish.
- Pressure plate model.
- Suitable for **10-12.76mm** glass.
- Cover plate included.
- Optional finish cap package (2 pcs.) SSSPIGOTCAP available.

This item is not tilt adjustable.

TOP MOUNT LARGE FRICTION FIT MODEL



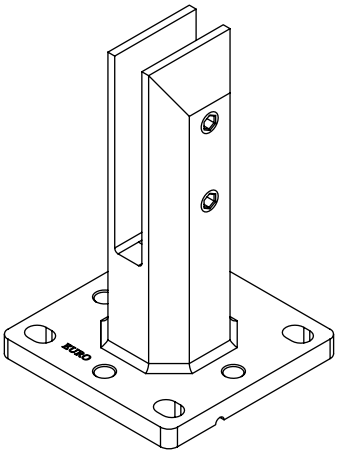


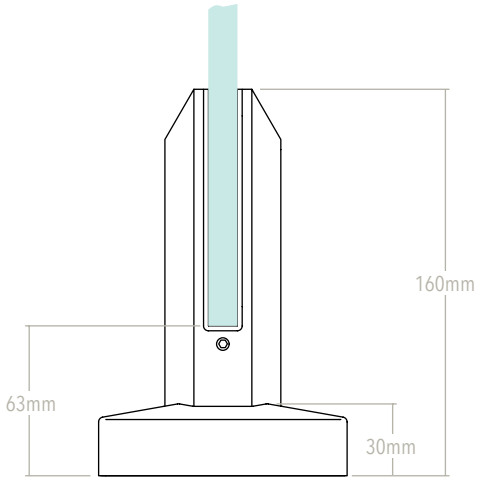
PART #
SSSPIGOTLGFF

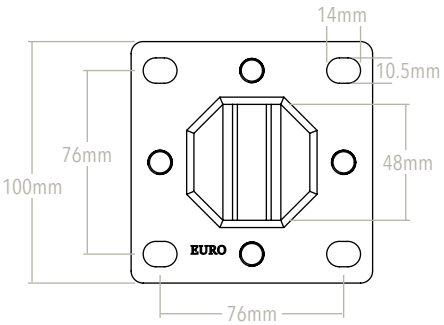
- Duplex 2205 stainless steel.
- Satin finish.
- Pressure plate model.
- Suitable for **12-17.52mm** glass.
- Vertical adjustment.
- No need to drill holes in glass.
- Slotted base plate holes.
- Cover plate included.
- Optional finish cap package (2 pcs.) SSSPIGOTCAP available.

This item is not tilt adjustable.

SMALL SPIGOT



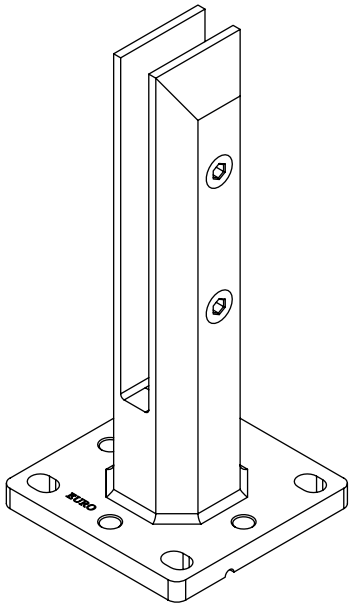


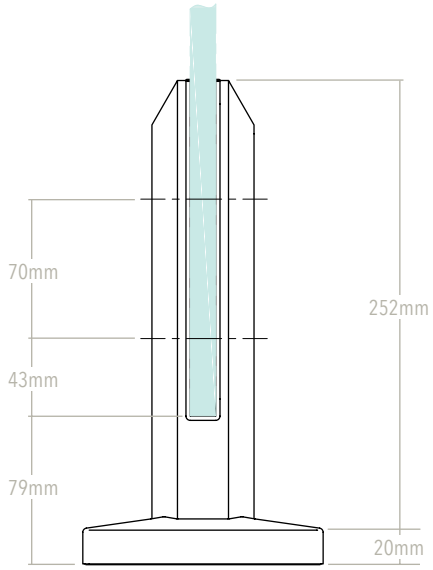


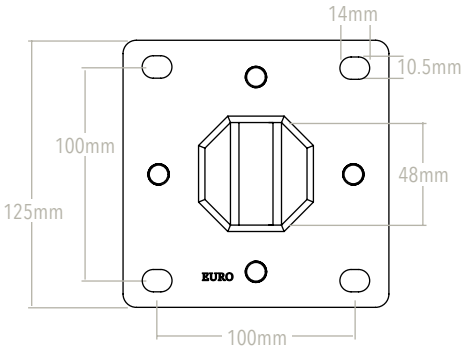
PART #	FINISH	SIZE
SSSPIGOTSMS	Satin	Small
SSSPIGOTSMM	Mirror	Small

- Duplex 2205 stainless steel.
- Suitable for **12mm** glass. (Please contact us to inquire about 10mm glass.)
- No need to drill holes in glass.
- Vertical adjustment.
- 4 adjustment screws with levelling plate.

LARGE SPIGOT







PART #	FINISH	SIZE
SSSPIGOTLG	Satin	Large

- Stainless steel 316.
- Suitable for **12mm** glass.
- Holes required in glass; M8 screws.
- 4 adjustment screws with levelling plate.

NOTE: For more detailed technical information, please refer to our website.

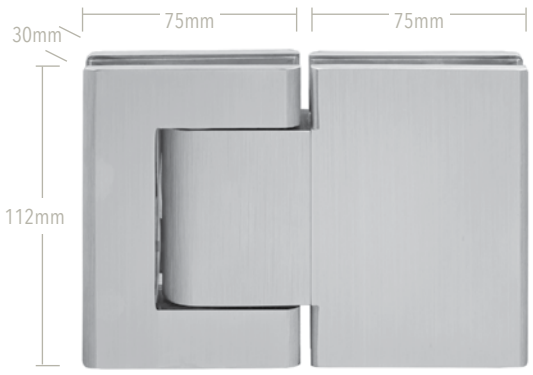
DUPLEX 2205 VS SS316

- Higher corrosion resistance.
- Higher strength.
- Highly suitable for use in outdoor structures with high degree of corrosion due to chlorine and high humidity (e.g., coastal regions & swimming pools).

PHOTOGRAPH: PLANI-VERRE INC.

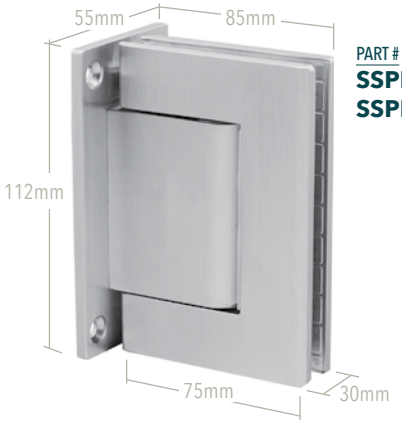
STAINLESS STEEL HYDRAULIC HINGES

GLASS TO GLASS AT 180°



PART # **SSPFHHGGS** FINISH Satin
SSPFHHGGM Mirror

GLASS TO WALL / SQUARE POST



PART # **SSPFHHGWS** FINISH Satin
SSPFHHGWM Mirror

Glass unit weights as reference

GLASS SIZE	8mm	10mm	12mm	14mm
WEIGHT (kg/m²)	18.2	22.7	27.3	31.8

Max door size for hydraulic hinges with door height of 2030mm (80")

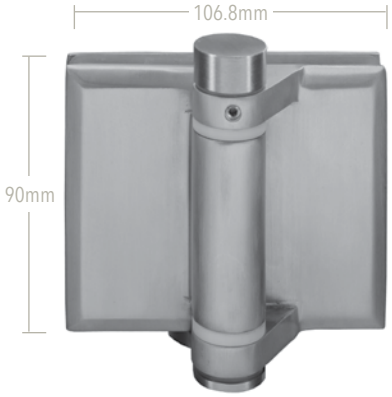
GLASS SIZE	10mm	12mm	14mm
W (max door width)	1200mm	1000mm	850mm

PRODUCT FEATURES

- Made of SS316.
- Suitable for **10-14mm** glass.
- Maximum door leaf weight: 65kg/pair.
- Maximum door leaf width: 900mm.
- Maximum door open angle: 95°.
- Valve adjustment available for closing speed control.

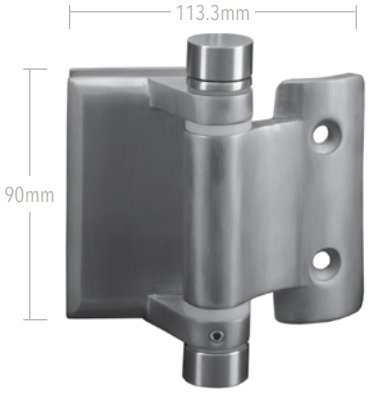
STAINLESS STEEL SPRING LOADED HINGES

GLASS TO GLASS AT 180°



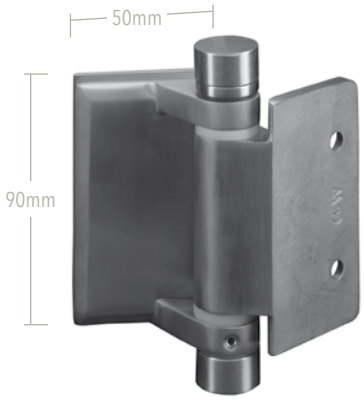
PART # **SSPFHSLGGS** FINISH Satin

GLASS TO 42.4mm ROUND POST



PART # **SSPFHSLGRS** FINISH Satin

GLASS TO WALL / SQUARE POST



PART # **SSPFHSLGWS** FINISH Satin

Glass unit weights as reference

GLASS SIZE	8mm	10mm	12mm	14mm
WEIGHT (kg/m²)	18.2	22.7	27.3	31.8

Max door size for spring loaded hinges with door height of 1220mm (48")

GLASS SIZE	8mm	10mm	12.7mm
W (max door width)	1140mm	920mm	720mm

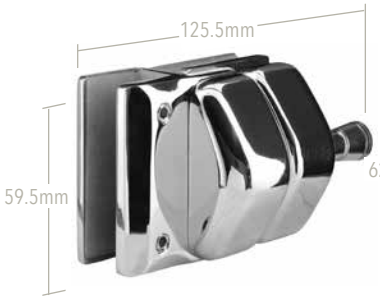
PRODUCT FEATURES

- Made of SS316.
- Suitable for **8-12.7mm** glass.
- Maximum door leaf weight: 30kg/pair.
- Maximum door leaf width: 900mm.
- Spring can be adjusted for closing speed control.

NOTE: For recommended glass cut-out for hinges, latches, and door stops, please refer to our website.

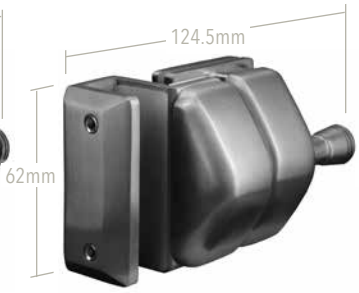
STAINLESS STEEL LATCHES

GLASS TO GLASS AT 180°



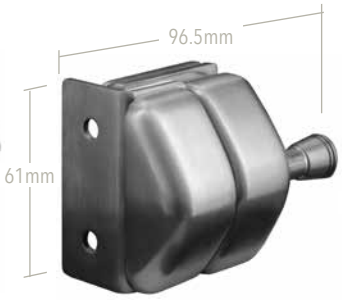
PART #	FINISH
SSPFGL180SSS	Satin
SSPFGL180SSM	Mirror

GLASS TO GLASS AT 90°



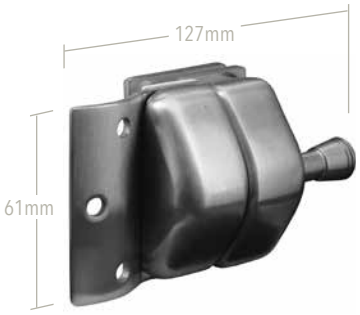
PART #	FINISH
SSPFGL90SSS	Satin

GLASS TO WALL / SQUARE POST



PART #	FINISH
SSPFGLWSSS	Satin
SSPFGLWSSM	Mirror

GLASS TO 42.4mm ROUND POST



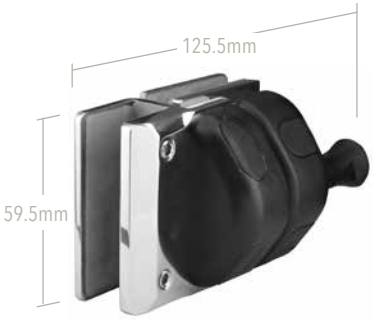
PART #	FINISH
SSPFGLRSSS	Satin

PRODUCT FEATURES

- Full stainless steel body made of SS316.
- Suitable for **8-12.7mm** glass gate.

REGULAR LATCHES

GLASS TO GLASS AT 180°



PART #	FINISH
SSPFGL180S	Satin
SSPFGL180M	Mirror

GLASS TO WALL / SQUARE POST

PART #	FINISH
SSPFGLWS	Satin
SSPFGLWM	Mirror

PRODUCT FEATURES

- Suitable for **8-12.7mm** glass gate.
- Keys included.

DOOR STOP

PART #	FINISH
SSPFSTOPSAT	Satin
SSPFSTOPMIRR	Mirror

PRODUCT FEATURES

- Made of SS316.
- Suitable for **8-12.7mm** glass gate.

CABLE·RAIL® by feeney®

feeney® makes it easy

ATTRACTIVE • VERSATILE • DURABLE

CHECK THE CABLERAIL ADVANTAGES

- Attractive, affordable, and very low-maintenance.
- Invisible appearance will not impair views.
- Made from strong and weather-tough type 316 stainless steel cable.
- Can be used on new or existing metal or wood railing frames.
- Simple, fast, do-it-yourself installation using pre-fabricated assemblies.
- Special easy-to-use fittings are hidden in the end posts.
- Made from over 70% recycled materials.
- Versatile uses: railings, trellises, fences, exterior, interior, residential, commercial.

10 YEAR WARRANTY

Feeney Inc. warrants that all CableRail® stainless steel cable and connectors shall be free from defects in material and workmanship under normal use, conditions, installation, and maintenance in accordance with product specifications for ten years from date of purchase. The complete text of this warranty is available upon request.

CABLE ASSEMBLY CARE & MAINTENANCE

The protective chromium oxide film on the surface of stainless steel gives it superior corrosion resistance. Properly maintained stainless steel provides excellent luster, strength, and durability. In most applications, stainless steel will not rust or stain even after many years of service, but it is NOT rust or stain proof. When stainless comes in contact with chloride salts, sulfides, or other rusting metals, it can discolour or even rust and corrode. With proper care and maintenance, however, stainless steel can remain beautiful and functional for years to come.

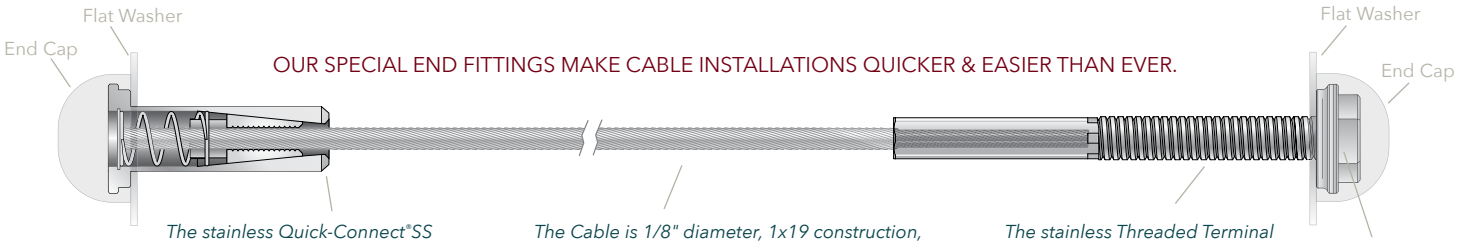
- *Clean stainless with soap and warm water. Never clean with mineral acids or bleaches.*
- *Never use coarse abrasives like sandpaper or steel wool on stainless. Use synthetic Scotch pads instead.*
- *Never leave stainless in contact with iron, steel, or other metals. This can cause rust spots or corrosion.*
- *Always remove stains or rust spots as soon as possible with either soap and water or a brass, silver, stainless, or chrome cleaner.*
- *Periodically inspect cable assemblies for proper tension and re-tension as necessary. This is important.*

DETERMINING WHAT YOU'LL NEED

1. CAREFULLY REVIEW: Read all of the product descriptions, installation instructions, and frame recommendation pages in this catalogue. Contact us should you have any inquiries.
2. SECTION FRAMES: Divide your railing frame into sections by determining which corner and end posts will be the cable termination posts. Remember that straight runs should not exceed 50 feet and runs with bends (2 corner bends at most) should not exceed 40 feet.
3. DETERMINE LENGTHS: Measure the outside lengths of each of your sections from step 2 and select the cable assembly lengths that will fit each section. Be sure that the assemblies are at least 1 foot longer than the length of the section.
4. CALCULATE QUANTITIES: The number of assemblies depends on your railing design. Remember that each horizontal cable is a separate assembly and that the cables should not be spaced further than 3 inches apart. Calculate the quantities needed for each of your assembly lengths.
5. CHECK ACCESSORIES & TOOLS: Count up all the end caps, protector sleeves, beveled washers, cutters, lacing needles, drills, saws, and abrasive discs you may need (see Tools Checklist on the Installation Instruction pages).
6. FILL YOUR ORDER: Visit our office locations to take a look at our CableRail® display and order in person or online via our website: **euroeac.com.**

EASY TO INSTALL

PRE-FABRICATED CABLE ASSEMBLIES are an attractive, budget-friendly, and low-maintenance alternative to commonly-used metal and wood picket infill. Assemblies use 1/8" diameter high-strength, weather-tough type 316 stainless steel cable and come in a wide range of standard lengths that can be quickly trimmed to size in the field. Each assembly includes special, easy-to-use Threaded Terminal and Quick-Connect®SS end fittings that remain concealed in your end posts. The result: an extremely durable, virtually invisible railing infill that leaves the view open and unimpaired.



OUR SPECIAL END FITTINGS MAKE CABLE INSTALLATIONS QUICKER & EASIER THAN EVER.

The stainless Quick-Connect®SS fitting is attached to the cable in the field without special tools. One-way jaws allow the cable to easily slide through the fitting in one direction but automatically grab and lock-on when the cable is released. Just slip it on, pull the cable tight, cut off the excess, and finish with an End Cap.
Size: 3/8" OD x 1 1/4" length

The Cable is 1/8" diameter, 1x19 construction, type 316 stainless steel for strength, durability, and weather protection. Cables come in standard assembly lengths from 5 to 70 feet.

Snug-Grip® Washer-Nut and Flat Washers are all included. Coloured and Stainless End Caps are also available to cover, protect, and finish both ends (caps sold separately).

The stainless Threaded Terminal fitting is fastened (swaged) to one end of the cable at the factory. Attach it to an end post using a special Snug-Grip® Washer-Nut and spin the nut to adjust final tension in the line. Finish with an End Cap.

Size: 1/4" OD x 4 1/4" length or 1/4" OD x 7 1/2" length

CABLE ASSEMBLIES

Everything you need for your basic cable project is listed in this section. Choose your assembly lengths, a preferred style of end cap, accessory items, and you're good to go.

Each assembly includes the selected length of 1/8" diameter type 316 stainless steel cable with a Threaded Terminal fitting pre-attached to one end, one stainless steel Quick-Connect®SS fitting, two flat washers, and one stainless steel Snug-Grip® Washer-Nut.

CableRail® Assemblies are designed to be used on your own metal or wood frames in either interior or exterior settings.

ASSEMBLY LENGTHS	METAL ASSEMBLY #	WOOD ASSEMBLY #
5'	**SSCBKIT4145**	**SSCBKIT7125**
10'	**SSCBKIT41410**	**SSCBKIT71210**
15'	**SSCBKIT41415**	**SSCBKIT71215**
20'	**SSCBKIT41420**	**SSCBKIT71220**
25'	**SSCBKIT41425**	**SSCBKIT71225**
30'	**SSCBKIT41430**	**SSCBKIT71230**
40'	**SSCBKIT41440**	**SSCBKIT71240**
50'	**SSCBKIT41450**	**SSCBKIT71250**
70'	**SSCBKIT41470**	

Assemblies for metal railings have 4 1/4" Threaded Terminals and nylon washers.
Assemblies for wood railings have 7 1/2" Threaded Terminals and stainless steel washers.

END CAPS Select a preferred end cap style to cover, protect, and finish each end. End caps sold separately.

BLACK BROWN WHITE

DOME CHAMFER

COLOURED *(Polyethylene)*
SOLD 10 PER PACKAGE.

SSCBECBL Black, 3/4" OD x 3/8" H
SSCBECBR Brown, 3/4" OD x 3/8" H
SSCBECWH White, 3/4" OD x 3/8" H

STAINLESS
SOLD 4 PER PACKAGE.

SSCBECSSDO Dome, 3/4" OD x 3/8" H
SSCBECSSCH Chamfer, 3/4" OD x 3/8" H

CABLE ACCESSORIES

All accessories complement our 1/8" diameter cable assembly kits.

METAL POST NYLON PROTECTOR SLEEVES

For protecting corner and stairway transition posts from cable abrasion. For Landing only.
SOLD INDIVIDUALLY.

1 **SSCBIB14516** 1/8" (Threaded Terminal ends)
2 **SSCBIB31614** 1/8" (Intermediate posts)
3 **SSCBIB381532** 1/8" (Quick-Connect®SS ends)

WOOD POST STAINLESS STEEL PROTECTOR SLEEVES

For protecting corner and stairway transition posts from cable abrasion. For Landing only.
SOLD 10 PER PACKAGE.

SSCBSL1478 1/4" OD x 7/8" long (fits 1/4'' diameter drill holes)

STAINLESS BEVELED WASHERS

For providing a flat bearing surface when attaching fittings at 32° angled stair terminations.
SOLD 4 PER PACKAGE.

SSCBBW3834 3/4" OD x 3/8" ID (Quick-Connect®SS ends)
SSCBBW93234 3/4" OD x 9/32" ID (Threaded Terminal ends)

RUBBER GROMETS

Rubber grommet for Intermediate posts.
SOLD INDIVIDUALLY.

SSCBRG18

CABLE CUTTERS

For shearing excess cable.
SOLD 1 PER PACKAGE.

SSCBWCUT18 8" long, coated handles, hardened jaws

TENSION GAUGE

Easy-to-use tool for checking cable tension.
SOLD 1 PER PACKAGE.

SSCBTG Designed for 1/8" CableRail cable.

TENSIONING TOOL

SOLD 1 PER PACKAGE.

SSCBTT Designed for 1/8" CableRail cable.

CABLE LACING NEEDLE

For quickly lacing cable ends through posts without snagging.
SOLD 1 PER PACKAGE.

SSCBNE18 4 1/2" long, reusable

QUICK-CONNECT® RELEASE TOOL

For temporarily releasing the jaws of the Quick-Connect®SS fitting to remove or adjust the position.
SOLD 1 PER PACKAGE.

SSCBRT18 1/2" OD x 1 1/8" long, reusable

INTERMEDIATE PICKETS

Slender, low-maintenance, and time-saving vertical spacer option for wood railing frames. Made from powder-coated aluminum and pre-drilled at 3" spacing for CableRail cables. Slotted holes on the stair pickets will accommodate a stairway slope of between 20° and 45°. Can be trimmed to fit railings up to 42" high. Includes all base plates and attachment screws.
SILVER COLOUR.

SSCBIP244 3/4" SQ. x 44" long (Landing rail picket)
SSCBIP246 3/4" SQ. x 46" long (Stairway rail picket)

STEP-BY-STEP INSTALLATION FOR METAL FRAMES

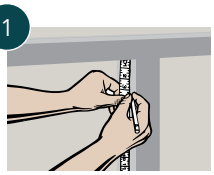
INSTALLING THE STANDARD 1/8'' CABLE SYSTEM IS EASY. JUST FOLLOW THESE SIMPLE STEPS:

TOOLS CHECKLIST

- ☐ Safety Glasses
- ☐ Work Gloves
- ☐ Pencil
- ☐ Measuring Tape
- ☐ Electric Drill
- ☐ Drill Bits
- ☐ Hammer
- ☐ Cable Cutters
- ☐ Vise-Grip Pliers
- ☐ 7/16" Wrench
- ☐ Electric Grinder with Grinding Disc & Cut-Off Disc
- ☐ Hacksaw or Electric Reciprocating Saw
- ☐ Cable Lacing Needle
- ☐ Feeney Tension Gauge

IMPORTANT NOTE: If using electric or pneumatic tools to tighten the Washer-Nuts, spin the nuts very slowly; otherwise, they will heat up, causing the threads to seize.

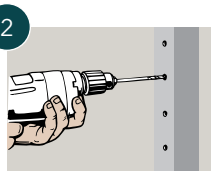
1



Mark drill hole locations on posts.

To minimize cable deflection, space cables no more than 3 inches apart and have a post or vertical spacer at least every 3 feet. Also, straight runs of cable (no turns/dips) should not exceed 50 feet. Runs with corners (2 bends at most) should not exceed 40 feet. See Metal Frame Requirements on opposite page.

2

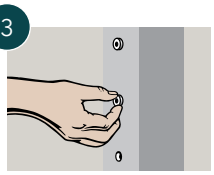


Drill holes in posts. Hole diameter depends on cable size and type of fitting. See below.

Cable Size	Threaded Term. Post	Intermediate Posts	Quick-Connect Post
1/8"	5/16"	1/4"	3/8"

If desired, Quick-Connect®SS posts may be through-drilled at 1/4" and then counterbored with the recommended Quick-Connect®SS drill to countersink the fitting.

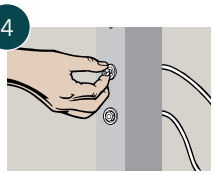
3



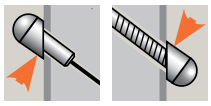
If using Isolation Bushings or Grommets *(optional)*, insert them into their corresponding post holes.

Note: If using Isolation Bushings, call for special drill hole sizes.

4

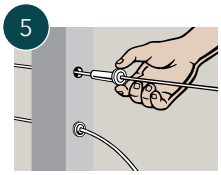


Insert the Threaded Terminal through the Terminal end post and attach a flat washer and Snug-Grip® Washer-Nut. Spin the nut 2 full turns. Strong resistance will be felt as the Snug-Grip® threads engage, so hold the Terminal shaft with pliers.



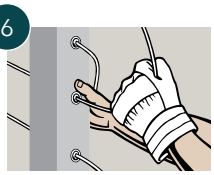
Use Beveled Washers for stair termination posts with angled holes. Available for Threaded Terminal and Quick-Connect® SS fittings. Always install the Quick-Connect® SS fittings in the top stair post to prevent rain water from running down the cable into the fittings.

5



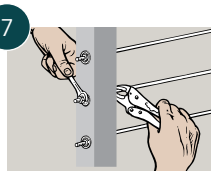
Lace the free end of the cable through the intermediate posts and Quick-Connect®SS end post. Slide on a flat washer and Quick-Connect® SS fitting until they rest against the face of the post. Use a Lacing Needle if snagging becomes a problem.

6



Hold the Quick-Connect®SS fitting with one hand and pull the cable tight with the other. The fitting automatically locks when you release the cable.

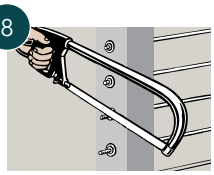
7



Tension the cables by holding the Threaded Terminal shaft with Vise-Grip pliers and spinning the Snug-Grip® Washer-Nuts with a wrench. A Feeney Tension Gauge may be used to check uniform tension.

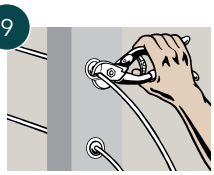
See tensioning sequence diagram at bottom left.

8



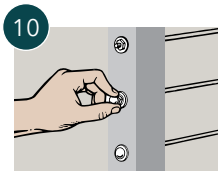
Use hacksaw, reciprocating saw, or electric grinder with cut-off disc to saw off the excess threads as close to the Snug-Grip® Washer-Nut as possible. Touch up with electric grinder. The special Snug-Grip® threads prevent the nut from loosening.

9



Use cable cutters or electric grinder with cut-off disc to trim the excess cable. Grind flush the exposed cable ends with an electric grinder.

10



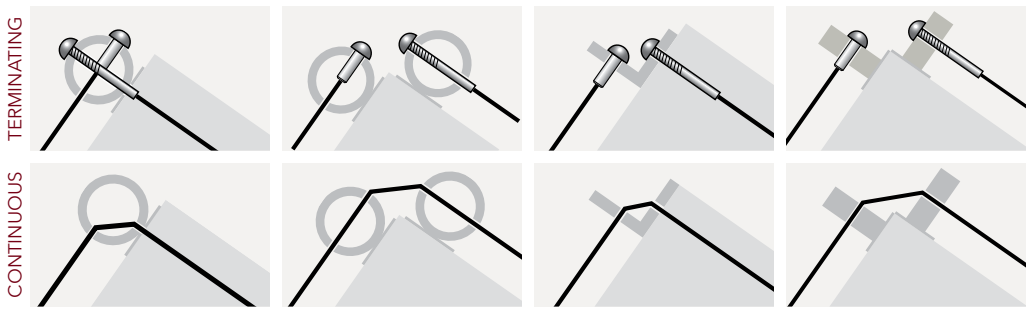
Snap on end caps over the exposed Quick-Connect®SS fittings and the Snug-Grip® Washer-Nuts. You're done.

SSCLEANER can be applied for lasting protection of stainless steel cable and parts.

RECOMMENDED CABLE TENSIONING SEQUENCE

***Offset drill holes at least 1/2" if you choose to have cables terminating at a single pipe post.**

CABLES CAN EITHER TERMINATE OR RUN THROUGH CORNER POSTS



METAL FRAME REQUIREMENTS

FRAMES NEED TO SUPPORT THE TENSION OF PROPERLY INSTALLED CABLES.
They need to be designed and built strong enough for the end and corner posts to support a load in excess of 300 lbs. for each cable. Here are some basic guidelines to help you prepare your railing frames for cable infill.

MINIMUM SIZES FOR ALL CORNER AND END POSTS
All other posts should be sized as required for cap rail support strength or for code.

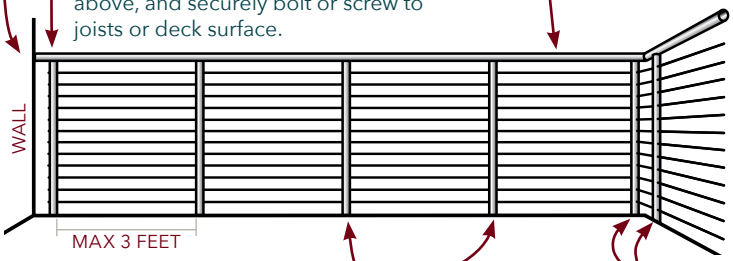
FLAT BAR	ANGLE IRON	EXTRA STRONG PIPE	SQUARE TUBE
2" wide, 1" thick	2" wide, 1/2" thick	1 1/2" ID, 1 7/8" OD	2" wide, 1/4" wall

THE BASIC FRAME DESIGN

SPACING FROM WALLS:
Set end posts 3 to 4 inches away from the house/wall face to allow access for attaching cable end fittings.

END POSTS:
Use minimum end post sizes noted above, and securely bolt or screw to joists or deck surface.

CAP RAIL:
Always include a strong, rigid cap rail that is securely fastened to all posts. Cap size is based on load strength needs and local code requirements. Set railing height per local code.



CABLE SPACING:
Maximum 3 inches apart.

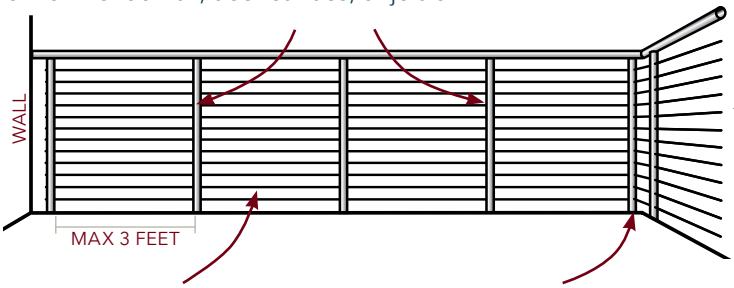
MAXIMUM POST SPACING:
Space all posts and vertical spacers *(see below)* a maximum of 3 feet apart to minimize any deflection that may occur if the cables are ever forced apart.

INTERMEDIATE POSTS:
Size all intermediate posts as required for cap rail support strength or for code.

DOUBLE CORNER POSTS:
If possible, use double corner posts to allow the cable to run continuously through the corners without terminating *(also see single corner post option below)*. Securely bolt or screw posts to joists or deck surface, and use minimum corner post sizes noted above.

AND SOME OTHER OPTIONS

VERTICAL SPACERS (OPTIONAL):
Slender spacers may be used instead of some of the larger intermediate posts to achieve a more open railing design. These are non-structural members and are only intended to maintain cable spacing and minimize deflection. Examples are 1" metal tubing or 1/4" flat bar. Attach spacers to the cap rail and either the foot rail, deck surface, or joists.



CABLE SPACING:
Maximum 3 inches apart.

FOOT RAILS (OPTIONAL):
Foot rails should be spaced no more than 4 inches above the deck surface, or as required by local code, and should be sized as needed for support strength and design appearance.

SINGLE CORNER POST (OPTIONAL):
In most cases with single corner posts, cables must be terminated. Exceptions are angle iron posts or tubular metal posts. When terminating on a single corner post, be sure to offset the drill holes at least 1/2" to allow internal clearance for the cable fittings. Use minimum end post sizes noted above and securely bolt or screw to joists or deck surface.

IMPORTANT NOTE

For railings, we recommend spacing the cables no more than 3 inches apart and placing posts or vertical members no more than 3 feet apart.

Please note that since building codes vary by province and city, our recommendations may not comply with code requirements in all areas.

Always consult with your local building department before starting your project.

CONSTRUCTION CHECKLIST

- ☐ Space cables maximum 3 inches apart
- ☐ Space posts/ verticals maximum 3 feet apart
- ☐ Observe minimum end/corner post sizes shown above
- ☐ Securely fasten all posts and cap rails
- ☐ Carefully plan all termination and corner posts for proper clearance, positioning, and maximum cable run lengths
- ☐ Straight runs of cable (no turns/ dips) should not exceed 50 feet; runs with corner bends (2 bends at most) should not exceed 40 feet

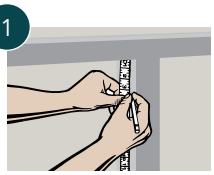
STEP-BY-STEP INSTALLATION FOR WOOD FRAMES

INSTALLING THE STANDARD 1/8'' CABLE SYSTEM IS EASY. JUST FOLLOW THESE SIMPLE STEPS:

TOOLS CHECKLIST

- ☐ Safety Glasses
- ☐ Work Gloves
- ☐ Pencil
- ☐ Measuring Tape
- ☐ Electric Drill
- ☐ 1/4", 5/16" & 3/8" Drill Bits
- ☐ Hammer
- ☐ Cable Cutters or Cut-Off Disc
- ☐ Vise-Grip Pliers
- ☐ 7/16" Wrench
- ☐ Electric Grinder & Disc
- ☐ Hacksaw
- ☐ Cable Lacing Needle
- ☐ Feeney Tension Gauge

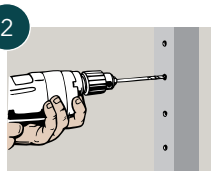
1



Mark drill hole locations on posts.

To minimize cable deflection, space cables no more than 3 inches apart and have a post or vertical spacer at least every 3 feet. See Wood Frame Requirements on opposite page.

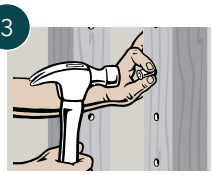
2



Drill 5/16" holes in one end post for the Threaded Terminal fitting, 3/8" holes in the other end post for the Quick-Connect® fitting, and 1/4" holes in all other posts.

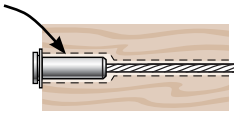
If desired, the Quick-Connect® posts may be through-drilled with a 1/4" bit and then counterbored to 1 1/2" deep with a 3/8" bit to countersink the fitting.

3



Insert Protector Sleeves at necessary locations.
Tap in until flush.

See Special Parts section below.



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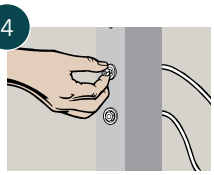
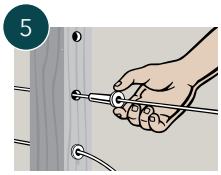


Insert Protector Sleeves at necessary locations.

Tap in until flush.

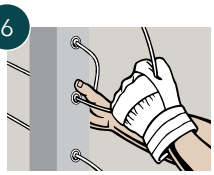
See Special Parts section below.

5



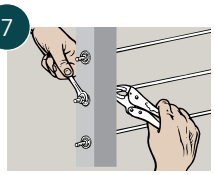
Lace the free end of the cable through the intermediate posts and Quick-Connect® end post. Slide on a flat washer and Quick-Connect® fitting until they rest against the face of the post. Use a Lacing Needle if snagging becomes a problem.

6



Hold the Quick-Connect® fitting with one hand and pull the cable tight with the other. The fitting automatically locks when you release the cable.

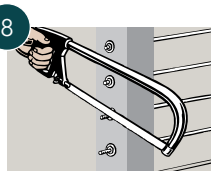
7



Tension the cables by holding the Threaded Terminal shaft with Vise-Grip pliers and spinning the Snug-Grip® Washer-Nuts with a wrench. A Feeney Tension Gauge may be used to check uniform tension.

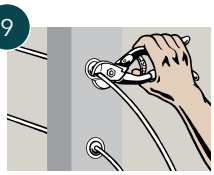
See tensioning sequence diagram at bottom left.

8



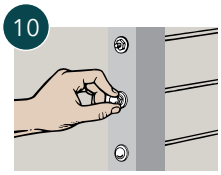
Saw off the excess threads as close to the Snug-Grip® Washer-Nut as possible. Touch up any sharp edges with electric grinder. The special Snug-Grip® threads prevent the nut from loosening.

9



Use cable cutters or electric grinder with cut-off disc to trim the excess cable. Grind flush the exposed cable ends with an electric grinder.

10

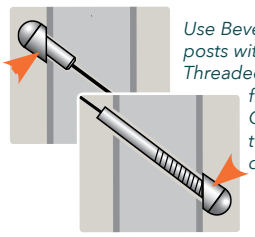


Snap on end caps over the exposed Quick-Connect® fittings and the Snug-Grip® Washer-Nuts. You're done.

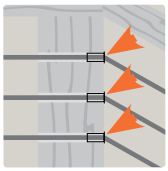
SSCLEANER can be applied for lasting protection of stainless steel cable and parts.

RECOMMENDED CABLE TENSIONING SEQUENCE

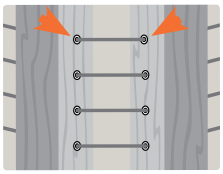
SPECIAL PARTS FOR SPECIAL SITUATIONS



Use Beveled Washers for stair termination posts with angled holes. Available for both Threaded Terminal & Quick-Connect® fittings. Always install the Quick-Connect® fitting in top stair post to prevent rain water from running down the cable into the fitting.

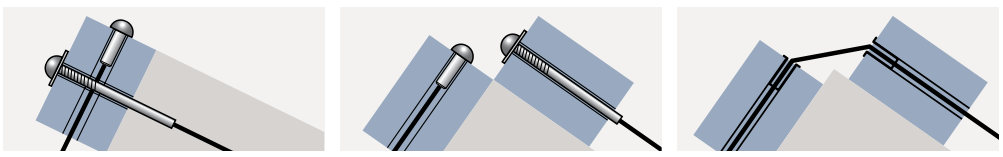


Protector Sleeves prevent abrasion at angled transitions on wood posts (e.g., stair transition posts or outside faces of double corner posts). Fits 1/4" diameter drill holes.



CABLES CAN EITHER TERMINATE OR RUN THROUGH CORNER POSTS

TERMINATING | CONTINUOUS



SINGLE WOOD POST
Offset drill holes at least 1/2".

DOUBLE WOOD POST

DOUBLE WOOD POST

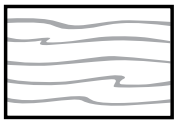
WOOD FRAME REQUIREMENTS

FRAMES NEED TO SUPPORT THE TENSION OF PROPERLY INSTALLED CABLES.
They need to be designed and built strong enough for the end and corner posts to support a load in excess of 300 lbs. for each cable. Here are some basic guidelines to help you prepare your railing frames for cable infill.

MINIMUM POST SIZES

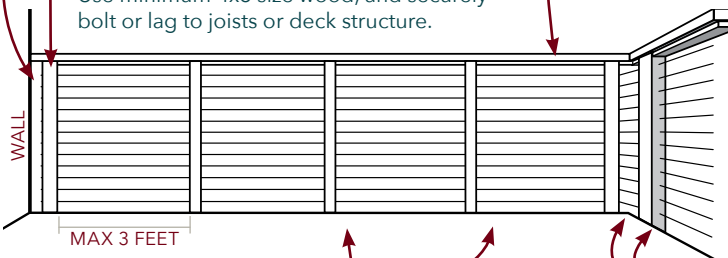
End and Corner Posts: The end and corner posts are the cable termination/transition posts and support the full load of the taut cables; therefore, the minimum recommended size for these critical posts is standard 4x6 wood.

Intermediate Posts: The remaining intermediate posts do not support any tension load since the cables pass straight through, so they can be sized as required for cap rail support or for code.



4x6 WOOD
3 1/2" wide, 5 1/2" thick

THE BASIC FRAME DESIGN



SPACING FROM WALLS:
Always set end posts 3 to 4 inches away from the house/wall face to allow access for attaching cable end fittings.

CAP RAIL:
Always include a strong, rigid cap rail that is securely fastened to all posts. Minimum recommended size is 2x6 wood. Set railing height per local code.

END POSTS:
Use minimum 4x6 size wood, and securely bolt or lag to joists or deck structure.

CABLE SPACING:
Maximum 3 inches apart.

WOOD BLOCKING:
Underneath the cap rail, attach minimum 1" x 4" wood blocking between posts to provide additional lateral reinforcement to the posts so that they won't pull out of plumb when the cables are tensioned.

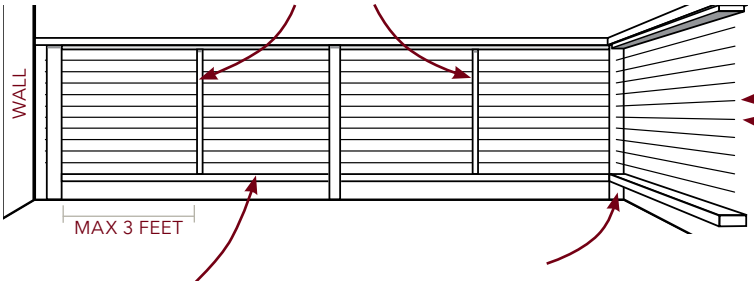
MAXIMUM POST SPACING:
Space all posts and vertical spacers *(see below)* a maximum of 3 feet apart to minimize any deflection that may occur if the cables are ever forced apart.

INTERMEDIATE POSTS:
Size all intermediate posts as required for cap rail support strength or for code.

DOUBLE CORNER POSTS:
If possible, use double corner posts to allow the cable to run continuously through the corners without terminating *(also see single corner post option below)*. Securely bolt or lag posts to joists or deck structure, and use minimum 4x6 size wood.

AND SOME OTHER OPTIONS

VERTICAL SPACERS (OPTIONAL):
Slender spacers may be used instead of some of the larger intermediate posts to achieve a more open railing design. These are non-structural members and are only intended to maintain cable spacing and minimize deflection. Typical examples are 2" x 2" wood strips, copper tubing, or Feeney Intermediate Pickets *(see accessories on page 30)*. Attach them to the cap rail and either the foot rail, deck surface, or joists.



CABLE SPACING:
Maximum 3 inches apart.

FOOT RAILS (OPTIONAL):
Recommend minimum 2x4 size wood spaced no more than 4 inches *(or as per code)* above the deck surface.

SINGLE CORNER POST (OPTIONAL):
Cables must be terminated at the corners if single posts are used. Use minimum 4x6 size wood and securely bolt or lag to joists or deck structure. Be sure to offset the cable drill holes by at least 1/2" to allow internal clearance for the cable fittings.

IMPORTANT NOTE

For railings, we recommend spacing the cables no more than 3 inches apart and placing posts or vertical members no more than 3 feet apart.

Please note that since building codes vary by province and city, our recommendations may not comply with code requirements in all areas.

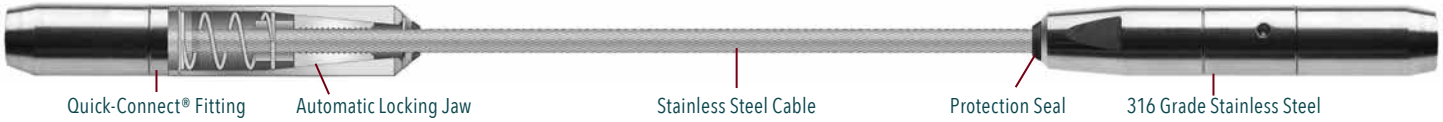
Always consult with your local building department before starting your project.

CONSTRUCTION CHECKLIST

- ☐ Space cables maximum 3 inches apart
- ☐ Space posts/ verticals maximum 3 feet apart
- ☐ Use minimum 4x6 size wood for all end and corner posts
- ☐ Securely fasten all posts and cap rails
- ☐ Carefully plan all termination and corner posts for proper clearance, positioning, and maximum cable run lengths
- ☐ Straight runs of cable (no turns/ dips) should not exceed 50 feet; runs with corner bends (2 bends at most) should not exceed 40 feet

INSTALLATION VIDEOS
STAIRWAY LANDING

QUICK-CONNECT® CABLE HARDWARE



We've taken our automatic-locking-jaw design from our original Quick-Connect® fitting and applied it to an entire line of cable end fittings. Now, you can select from a wide variety of sleek and versatile cable end fittings that offer the flexibility of assembling cables in the field and the simplicity, speed, and gripping power of our Quick-Connect® jaws: no more cumbersome crimp tools or time-consuming wedge-type compression fittings. Simply trim your cable to length, push the end into the Quick-Connect® fitting, and the spring-loaded jaws automatically engage. You're ready to go! Made from marine grade 316 stainless steel for weather-tough durability, low maintenance, and lasting beauty. Fittings also come with a silicone protection seal pre-inserted into the end, providing added protection against dirt and debris entering the body of the fitting. If necessary, a reusable release tool is available to disengage and remove or readjust the fitting (see SSCBRT18 on page 30).

2 TYPES OF QUICK-CONNECT® FITTINGS

1 FIXED END FITTINGS

- Non-adjustable end termination fittings, sometimes referred to as "dead ends."
- Have no tensioning capabilities.
- Each Fixed End Fitting must be paired with at least one Tension Adjustment Fitting.

2 TENSION ADJUSTMENT FITTINGS

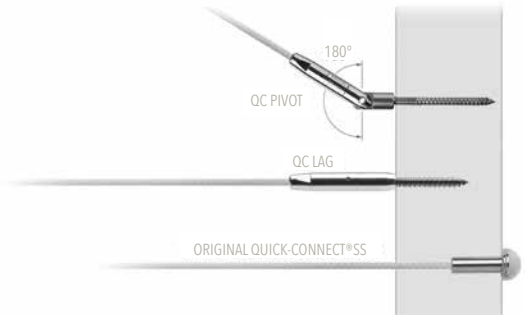
- Include Turnbuckles and Swivel fittings that are used to tighten the cable lines.
- Tension is adjusted by spinning the tubular body on the Turnbuckles and Swivel fittings.
- Tension Adjustment Fittings can be paired with either a Fixed End Fitting or another Tension Adjustment Fitting.

Trim cable to length

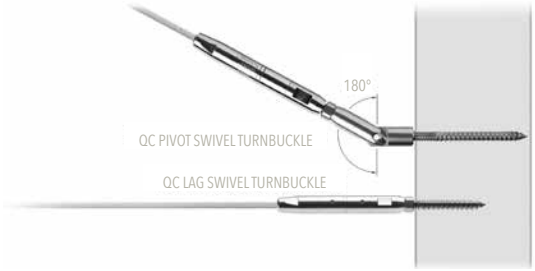
Insert cable into fitting

Jaws lock automatically

FIXED END FITTINGS



SWIVEL TENSION ADJUSTMENT FITTINGS



QUICK-CONNECT® FITTINGS • *316 GRADE STAINLESS STEEL*

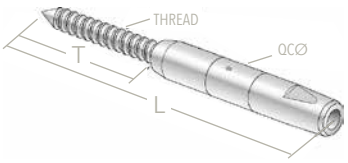
FIXED END FITTINGS

QUICK-CONNECT® LAG

- Screws into the face of a wood post or wall using a hanger bolt with lag thread (*included*).
- Typically paired with a Quick-Connect® Lag Swivel Turnbuckle.

PART #	CABLE∅	THREAD	T	L	QC∅	PILOT DRILL∅
SSCBQCLAG	1/8"	1/4" lag	2"	4 1/4"	7/16"	*7/64"

*Drill pilot hole slightly larger if using hardwood posts.

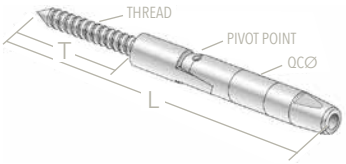


QUICK-CONNECT® PIVOT

- Screws into the face of a wood post or wall using a hanger bolt with lag thread *(included)*.
- 180° pivoting allows for angled stair terminations.
- Typically paired with a Quick-Connect® Pivot Swivel Turnbuckle.

PART #	CABLE∅	THREAD	T	L	QC∅	PILOT DRIL∅
SSCBQCP18	1/8"	1/4" lag	2"	4 3/8"	7/16"	*7/64"

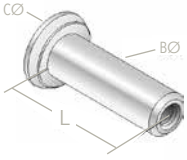
*Drill pilot hole slightly larger if using hardwood posts.



THE ORIGINAL! QUICK-CONNECT®SS

- Fits into a hole drilled in end post, and the lip rests against the outside post face.
- Design allows the cable to pass entirely through the fitting in one direction only; any excess cable is trimmed.
- Use beveled washers (SSCBBW3834 or SSCBBW93234 on page 30) for angled stair termination and flat washers for added bearing surface on wood posts.
- Exposed end is covered with coloured end caps (SSCBECBL, SSCBECBR, or SSCBECWH on page 29) or stainless end caps (SSCBECSSDO or SSCBECSSCH on page 29).
- Can be paired with any Tension Adjustment Fitting.

PART #	CABLE∅	C∅	B∅	L	DRILL∅
SSCBQC18	1/8"	5/8"	3/8"	1 1/8"	3/8"



CABLERAIL® COILS (1x19 CONSTRUCTION)

PART #	CABLE∅	L	GRADE
SSCB18100	1/8"	100'	SS316
SSCB18250	1/8"	250'	SS316

SSCB18100

SSCB18250

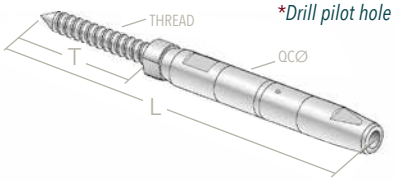
TENSION ADJUSTMENT FITTINGS

QUICK-CONNECT® LAG SWIVEL TURNBUCKLE

- Screws into the face of a wood post or wall using a hanger bolt with lag thread (*included*).
- Typically paired with a Quick-Connect® Lag or another Quick-Connect® Lag Swivel Turnbuckle.

PART #	CABLE∅	THREAD	T	L closed (open)	QC∅	PILOT DRILL∅
SSCBQCLAG1	1/8"	1/4" lag	2"	5 1/4" (5 3/4")	7/16"	*7/64"

*Drill pilot hole slightly larger if using hardwood posts.



INSTALLATION VIDEOS

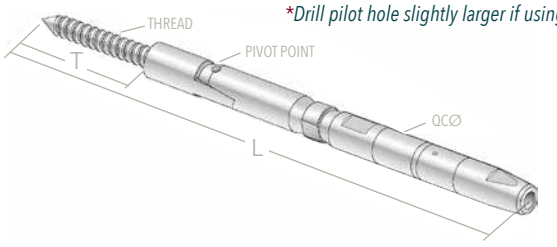
STAIRWAY LANDING

QUICK-CONNECT® PIVOT SWIVEL TURNBUCKLE

- Screws into the face of a wood post or wall using a hanger bolt with lag thread (*included*).
- 180° pivoting allows for angled stair terminations.
- Typically paired with a Quick-Connect® Pivot or another Quick-Connect® Pivot Swivel Turnbuckle.

PART #	CABLE∅	THREAD	T	L closed (open)	QC∅	PILOT DRILL∅
SSCBQCPST18	1/8"	1/4" lag	2"	7" (7 3/4")	7/16"	*7/64"

*Drill pilot hole slightly larger if using hardwood posts.



INSTALLATION VIDEO

The swivel line of turnbuckles have a special swiveling body that's integrated with the Quick-Connect® fitting, creating a shorter overall turnbuckle design with a sleek appearance and fewer exposed threads. Machined flats allow wrenches to securely grip and spin the body to adjust tension without marring the polished surface. Swivel turnbuckles are perfect for short to medium-length cable runs.

Unfinished Wood Handrails - 16 ft
Can be stained.

OAK
WHSSO
45mm ØD

Unfinished Wood Handrails - 16 ft
Can be stained.

HARD MAPLE
WHSSHM
45mm ØD

Finished Wood Handrails - 10 ft

BEECH
E690/3000
45mm ØD

Finished Wood Handrails - 10 ft

WENGE
E692/3000
45mm ØD

Round End Terminal

E4260-SS
45mm ØD

Flat End Terminal

E4265-SS
45mm ØD

90° Curved Connector

E600-SS
45mm ØD

90° Angle Connector

E601-SS
45mm ØD

Straight Connector

E603-SS
45mm ØD

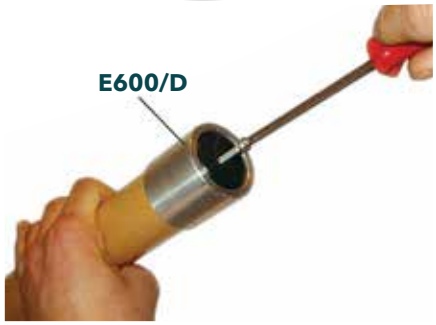
Rotating Connector

E604-SS
45mm ØD

Pivotal Connector

E605-SS
45mm ØD

Drill Gauge for Wooden Handrails
E600/D



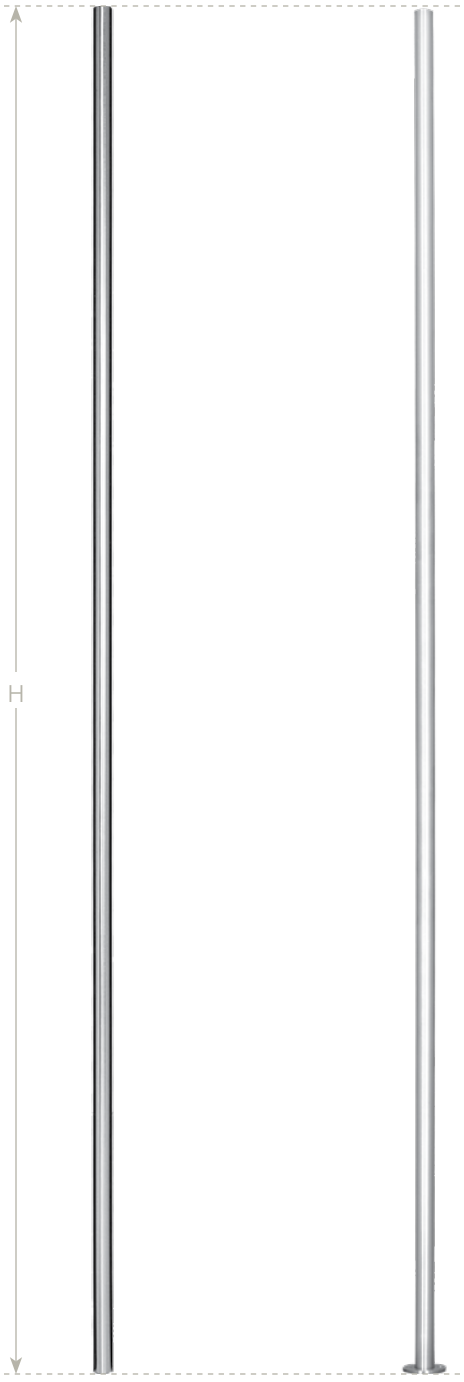
Plastic Support for Fittings
E600/T

High Gluing Adhesive
SSRK-1500

DEMO VIDEO

ROUND

	PART #	DIAMETER
A	**1422/PLAIN44**	12mm
B	**1422/1S/44**	12mm
C	**1422/2S/44**	12mm



PART #		DIAMETER	H
SSB1235T	○	1/2"	35"
SSB1244T	○	1/2"	44"
SSB5836S	●	5/8"	36"
SSB5844S	●	5/8"	44"
SSB5835T	○	5/8"	35"
SSB5844T	○	5/8"	44"
SSB3435T	○	3/4"	35"
SSB3444T	○	3/4"	44"

Also available in full lengths.

PART #		DIAMETER	H
SSB5835TPL	○	5/8"	35"
SSB5844TPL	○	5/8"	44"

These balusters come with a welded base.

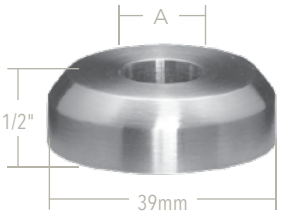
SHOES

PART #	A
E12SS*	1/2"
E12SSSET*	1/2"
E916SS	9/16"
E916SSSET	9/16"
E58SS	5/8"
E58SSSET	5/8"

*Also works with 12mm.

COLLARS

PART #	A
683RSS916	9/16"
683RSS58	5/8"



PART #	A
SSSHRD12	1/2"
SSSHRD916	9/16"
SSSHRD58	5/8"

Subject to patent: 157438

PART #	A
E9481SS916	9/16"
E9481SS58	5/8"

PART #	A
SSC12	1/2"
SSC916	9/16"
SSC58	5/8"
SSC34	3/4"

PART #	A	W	H
SSBSC916RND	9/16"	1"	3/4"
SSBSC58RND	5/8"	1 3/16"	1"

CHOOSE YOUR PREFERRED INSERT (SEE BELOW) FOR THE SINGLE AND DOUBLE BALUSTERS.
BALUSTERS INCLUDE YOUR CHOICE OF GLASS OR WOOD BALLS. *ADDITIONAL CHARGE FOR STAINLESS STEEL BALLS.

	PART #	DIAMETER
A	**SSBCRYPLAIN**	9/16"
B	**SSBCRYSINGLE**	9/16"
C	**SSBCRYDOUBLE**	9/16"

CRYSTAL GLASS

PART #	OD	H
SSBCRYSTALDI	2"	1 3/4"

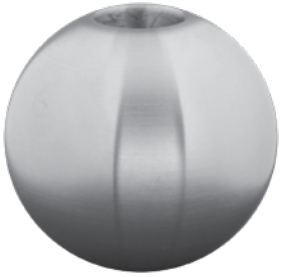
RED OAK

PART #	OD	H
SSBCRYSTALOA	1 7/8"	1 5/8"

HARD MAPLE

PART #	OD	H
SSBCRYSTALMA	1 7/8"	1 5/8"

STAINLESS STEEL*



PART #	OD	H
SSBCRYSTALSS	1 3/4"	1 5/8

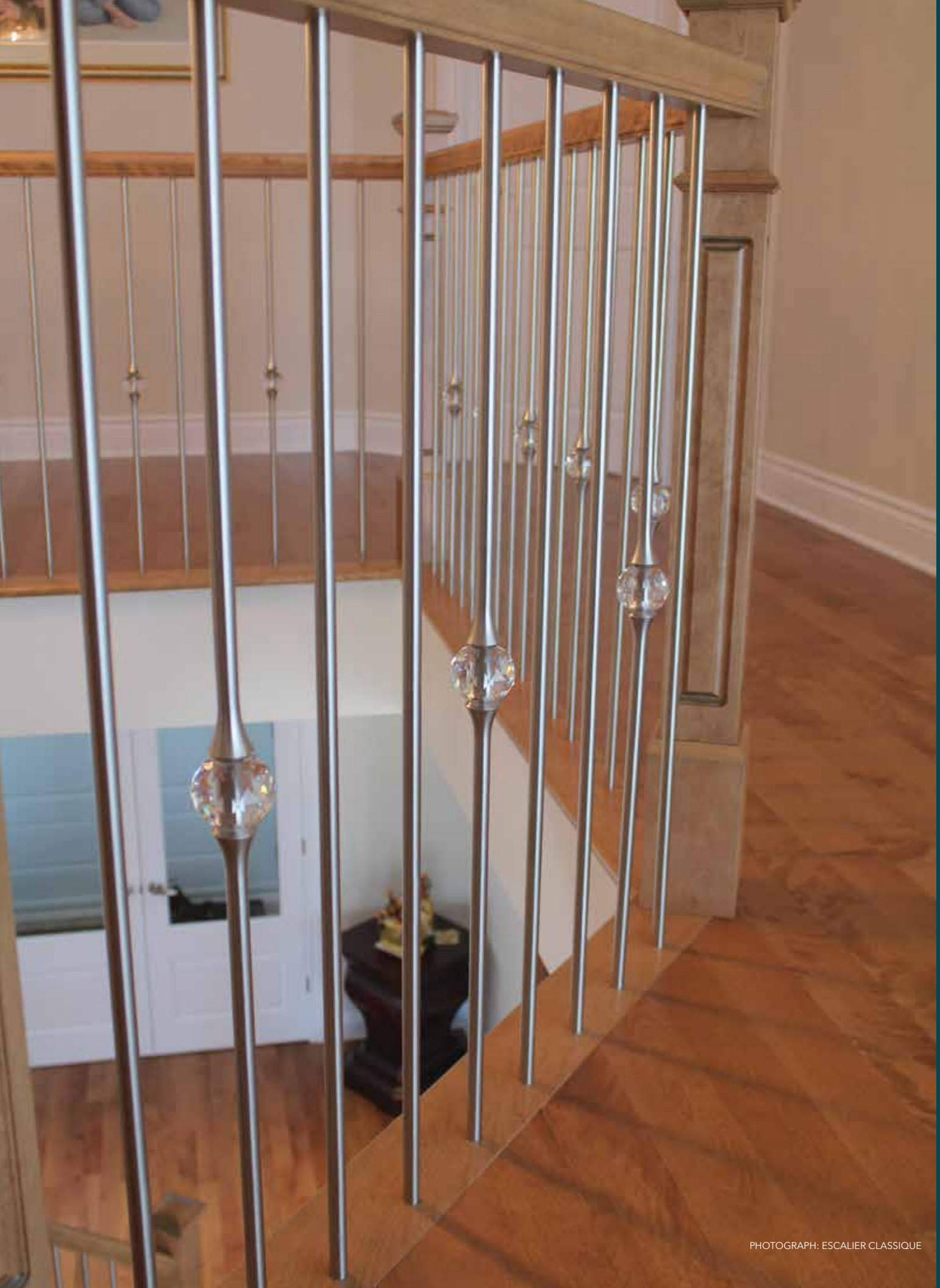
CRYSTAL POST

PART #	OD	H
SSBCRY1POST (POST ENDS)	1 1/4"	48"
SSBCRY2POST (CRYSTAL GLASS)	2 5/8"	2 1/4"

SSBCRY1POST & SSBCRY2POST are used together to form one complete post.

CRYSTAL POST CAP

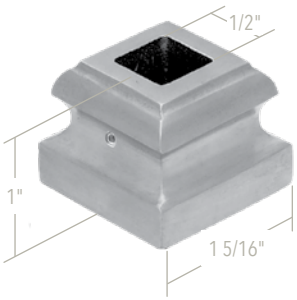
PART #	OD	H
SSBCRY3POST	4"	4 1/4"



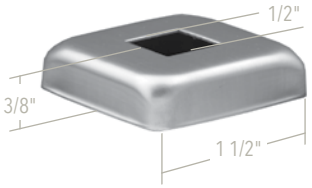
PHOTOGRAPH: ESCALIER CLASSIQUE

RECTANGULAR / SQUARE

SHOES

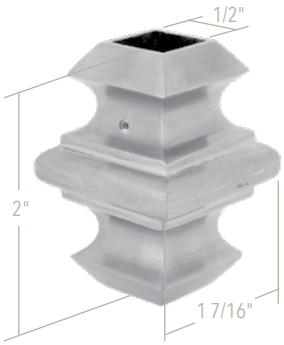


PART #
8524SS12



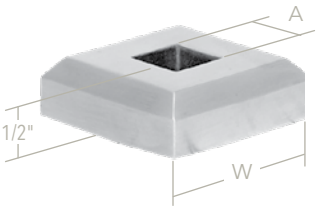
PART #
PSEPSQCSS

COLLARS



PART #
683SS12

PART #
PSMC112SS



PART #		SIZE	H
SSBREC11235	☐	1"x1/2"	35"
SSBREC11244	☐	1"x1/2"	44"
SSBREC1235	☐	1 1/2"x1/2"	35"
SSBREC1244	☐	1 1/2"x1/2"	44"

PART #		SIZE	H
SSBSQ1235S	■	1/2"	35"
SSBSQ1244S	■	1/2"	44"
SSBSQ1235T	☐	1/2"	35"
SSBSQ1244T	☐	1/2"	44"
SSBSQ5835T	☐	5/8"	35"
SSBSQ5844T	☐	5/8"	44"
SSBSQ3435T	☐	3/4"	35"
SSBSQ3444T	☐	3/4"	44"

Also available in full lengths.

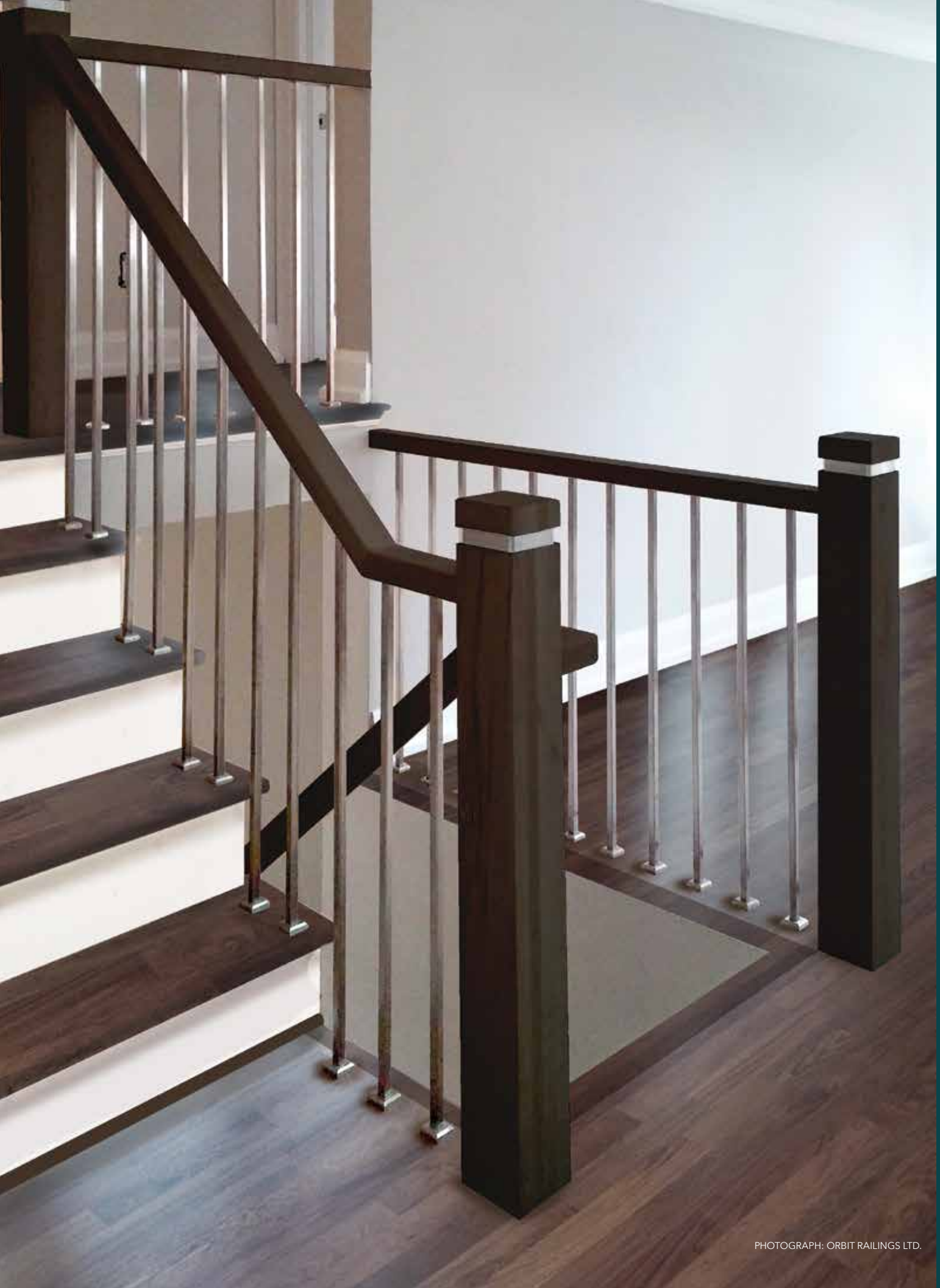
PART #	A	W
SSSH1239	1/2"	39mm
SSSH5839	5/8"	39mm
SSSH3445	3/4"	45mm

Subject to patent: 156698

PART #
PTCOILPIN12

This coil pin can be used for 1/2" square tubular balusters for easy installation. (Can also be used for top installation.)

For installation instructions, please refer to our website.



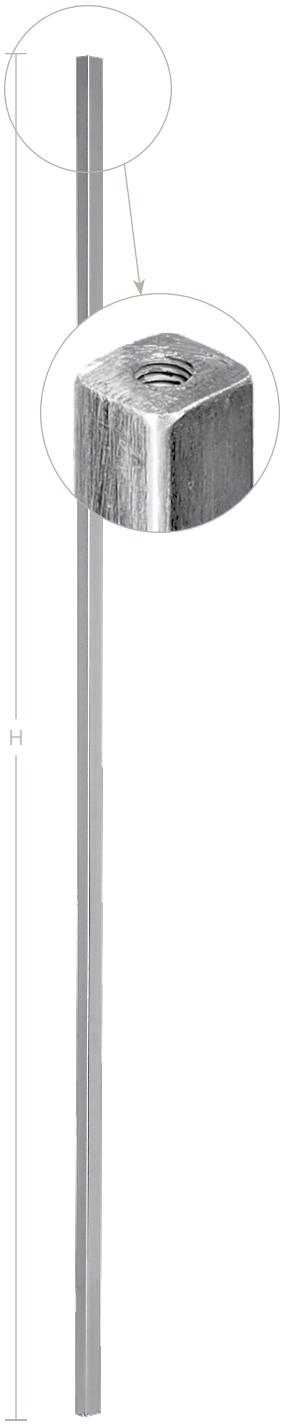
PHOTOGRAPH: ORBIT RAILINGS LTD.

TUBULAR • 1/2" SQUARE

PART #
PTM44SS

 PHOTOGRAPH: PRO-RAIL SYSTEMS LTD.

DRILLED & TAPPED • TUBULAR • 1/2" SQUARE

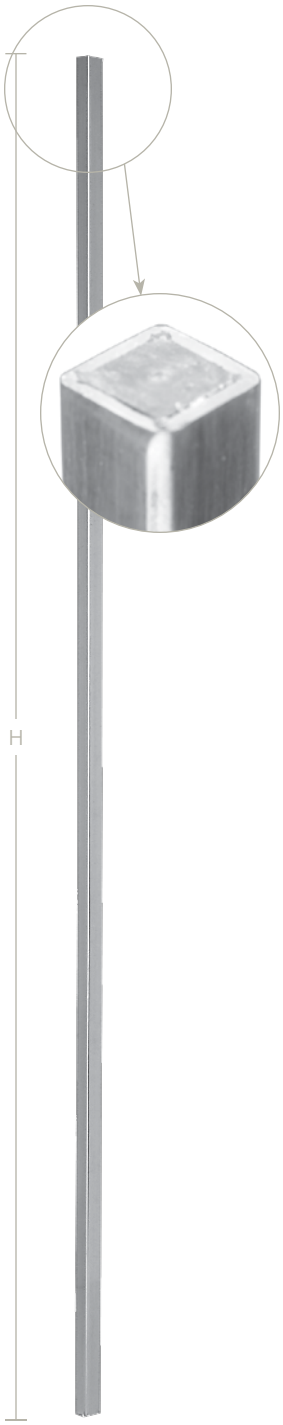


PART #	H
SSBSQ12DTL36	36"
SSBSQ12DTL44	44"

PART #	H
SSBSQ12DT41A	44"

PART #	H
SSBSQ12DT43A	44"

PART #	H
SSBSQ12DT48A	44"



PART #	H
SSBSQ12DTP44	44"
SSBSQ12DTP48	48"

1/2" accessories on page 43 can be used with these balusters.

TUBULAR • 1/2" SQUARE

PART #	H
SSBSQ1235TPL	35"
SSBSQ1244TPL	44"

These balusters come with a welded base.

 PHOTOGRAPH: ÉBÉNISTERIE DE LA CHAUDIÈRE

PART #		H
SSB5836S	●	36"
SSB5844S	●	44"
SSB5835T	○	35"
SSB5844T	○	44"

PART #
WE9HM (Hard Maple)
WE9O (Oak)

PART #
WE7DHM (Hard Maple)
WE7DO (Oak)

PART #
683RSS58

PART #
E9481SS58

PART #
SSBSC58RND

PART #
E58SSSET

THE COMPONENTS ABOVE CAN BE ASSEMBLED IN VARIOUS COMBINATIONS.

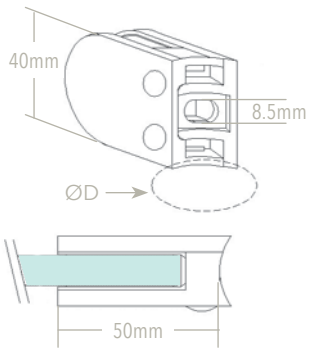
ZAMAK is a family of alloys with a base metal of zinc and alloying elements of aluminium, magnesium, and copper. The addition of copper and magnesium provides it with diverse properties and allows it to cast. Zamak alloys exhibit an excellent combination of cost, strength, ductility, impact strength, and finishing characteristics. Recommended for interior use.

For more product details on glass clips, see reference chart on page 56.

 PHOTOGRAPH: SPANISH FER ORNEMENTAL

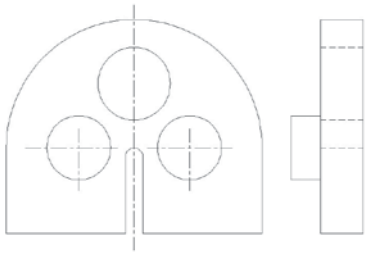
ROUND (Hole at back of glass clip is M8 or 5/16")

SMALL - Accommodates glass up to 10mm



SS316

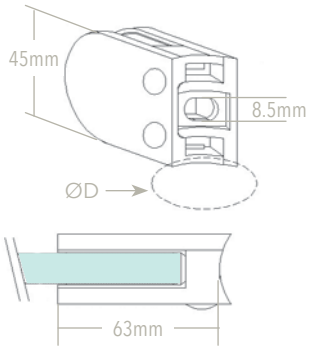
PART #	D (tube)
SSGC101XX16S	flat
SSGC106XX16S	38.1mm
SSGC103XX16S	42.4mm



GASKET

PART #	GLASS SIZE
SSGR10001RBN	6mm
SSGR10002RBN	8mm
SSGR10003RBN	10mm

LARGE - Accommodates glass up to 12mm

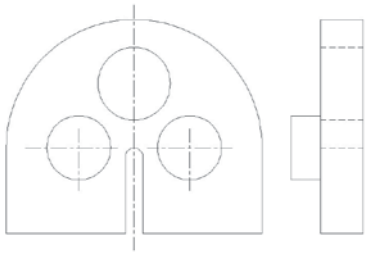


SS316

PART #	D (tube)
SSGC201XX16S	flat
SSGC206XX16S	38.1mm
SSGC203XX16S	42.4mm
SSGC207XX16S	50.8mm

ZAMAK

PART #	D (tube)
SSGC201XXZMS	flat
SSGC206XXZMS	38.1mm
SSGC203XXZMS	42.4mm
SSGC207XXZMS	50.8mm



GASKET

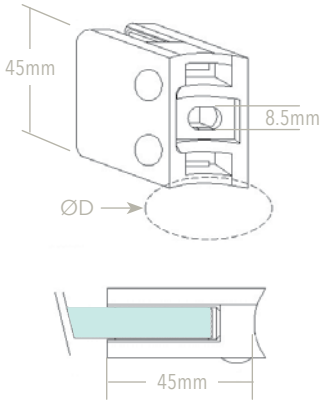
PART #	GLASS SIZE
SSGR20001RBN	6mm
SSGR20002RBN	8mm
SSGR20003RBN	10mm
SSGR20004RBN	12mm

SSM825 - RECOMMENDED SCREW FOR ATTACHING GLASS CLIPS TO METAL POSTS.

NOTE: Gasket sizes: 6mm = 1/4", 8mm = 5/16", 10mm = 3/8", 12mm = 1/2".

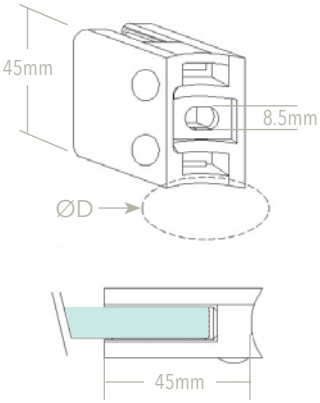
SQUARE (Hole at back of glass clip is M8 or 5/16")

SMALL - Accommodates glass up to 10mm



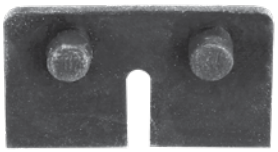
SS316

PART #	D (tube)
SSGC301XX16S	flat
SSGC306XX16S	38.1mm
SSGC303XX16S	42.4mm



ZAMAK

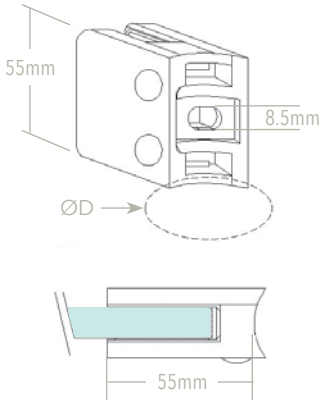
PART #	D (tube)
SSGC301XXZMB	flat (black)



GASKET

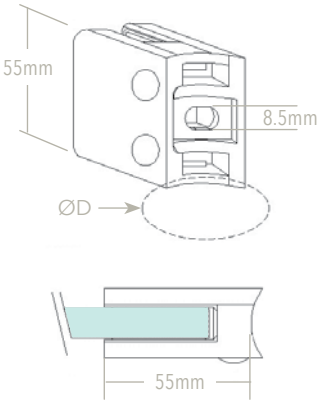
PART #	GLASS SIZE
SSGR30001RBN	6mm
SSGR30002RBN	8mm
SSGR30003RBN	10mm

LARGE - Accommodates glass up to 12mm



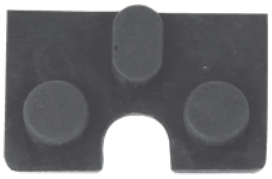
SS316

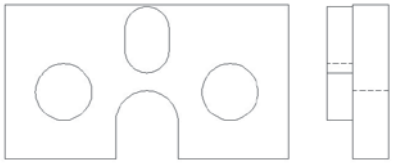
PART #	D (tube)
SSGC431XX16S	flat
SSGC433XX16S	42.4mm
SSGC437XX16S	50.8mm



ZAMAK

PART #	D (tube)
SSGC431XXZMS	flat
SSGC431XXZMB	flat (black)
SSGC431XXZMW	flat (white)





GASKET

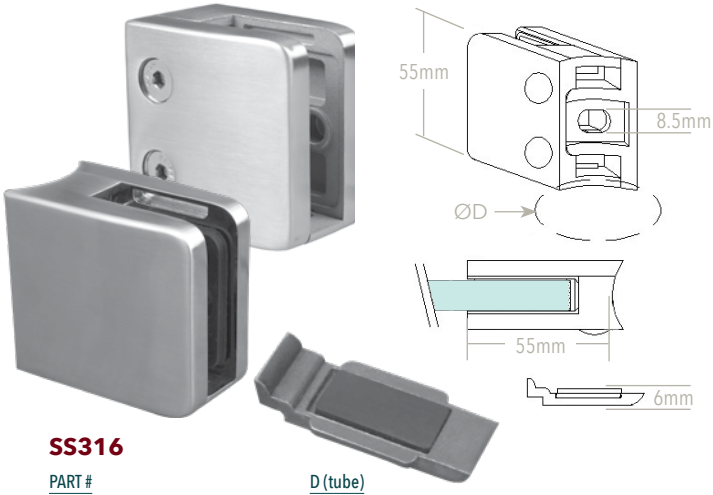
PART #	GLASS SIZE
SSGR41001RBN	6mm
SSGR41002RBN	8mm
SSGR41003RBN	10mm
SSGR41004RBN	12mm

SSM825 - RECOMMENDED SCREW FOR ATTACHING GLASS CLIPS TO METAL POSTS.

NOTE: Gasket sizes: 6mm = 1/4", 8mm = 5/16", 10mm = 3/8", 12mm = 1/2".

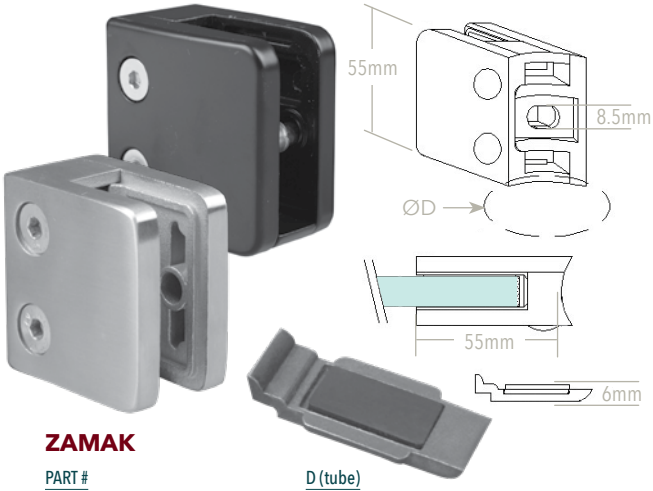
SQUARE WITH BOTTOM PLATE (Hole at back of glass clip is M8 or 5/16")

LARGE - Accomodates glass up to 12mm



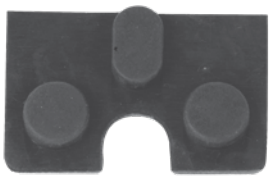
SS316

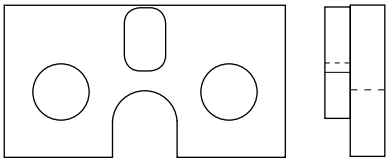
PART #	D (tube)
SSGC411XX16S	flat
SSGC413XX16S	42.4mm
SSGC417XX16S	50.8mm



ZAMAK

PART #	D (tube)
SSGC411XXZMS	flat
SSGC411XXZMB	flat (black)

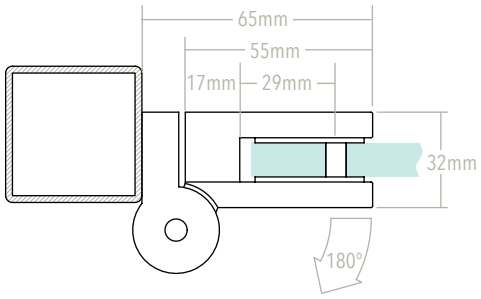




GASKET

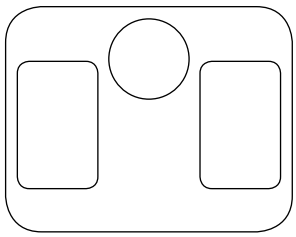
PART #	GLASS SIZE
SSGR41001RBN	6mm
SSGR41002RBN	8mm
SSGR41003RBN	10mm
SSGR41004RBN	12mm

HINGED



SS316

PART #	D (tube)
SSGCH40116S	flat

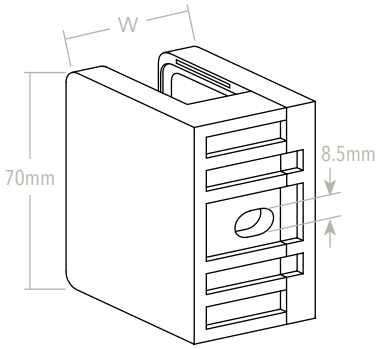


GASKET

PART #	GLASS SIZE	
SSGR40001RBN	6mm	SOLD SEPARATELY
SSGR40002RBN	8mm	SOLD SEPARATELY
SSGR40003RBN	10mm	INCLUDED
SSGR40004RBN	12mm	INCLUDED

SSM825 - RECOMMENDED SCREW FOR ATTACHING GLASS CLIPS TO METAL POSTS.

THICK GLASS APPLICATIONS

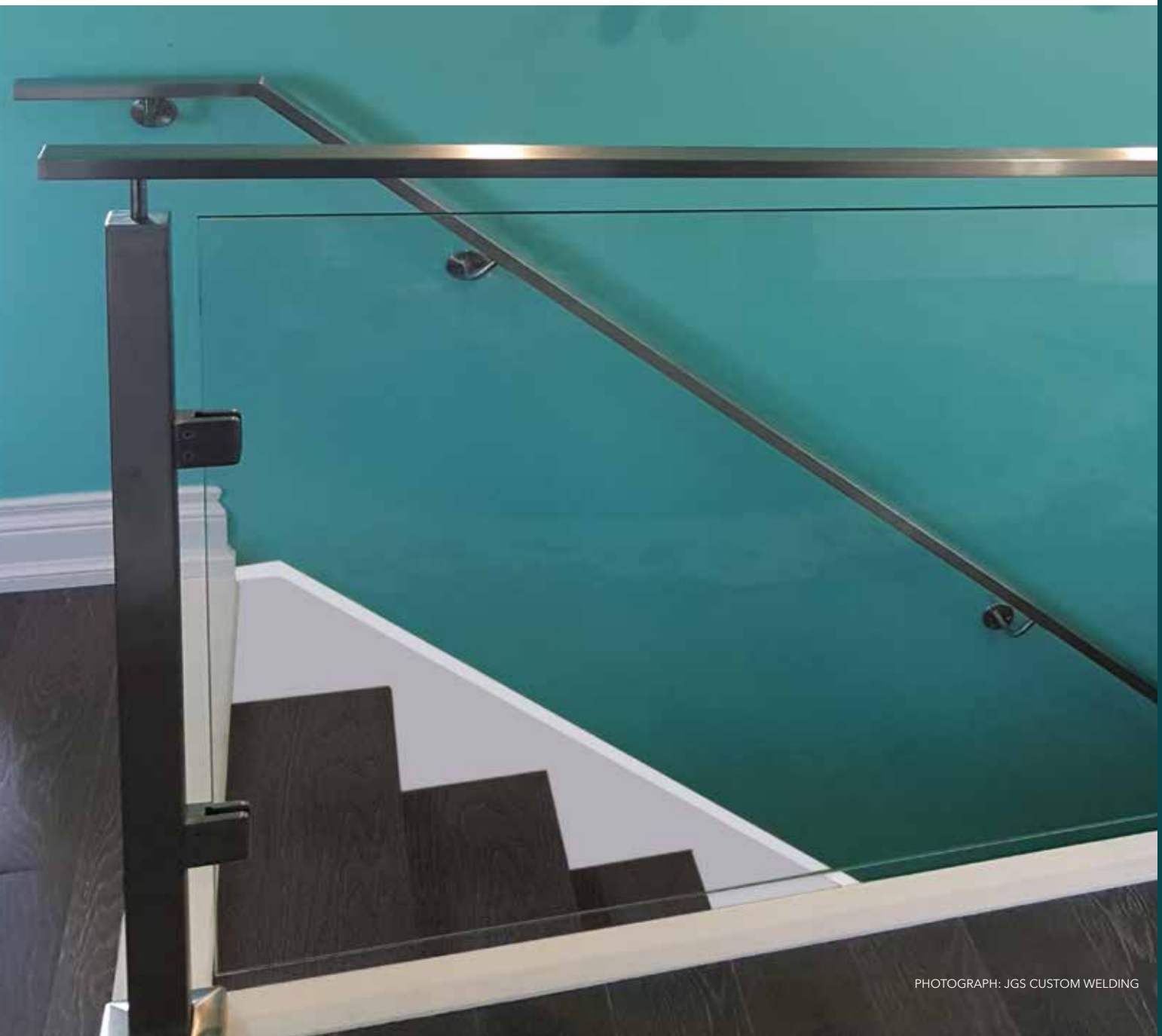


SS316

PART #	GLASS SIZE	D (tube)	W (width)
SSGC441XX16S	16.76mm*	flat	40mm
SSGC451XX16S	21.52mm**	flat	45mm

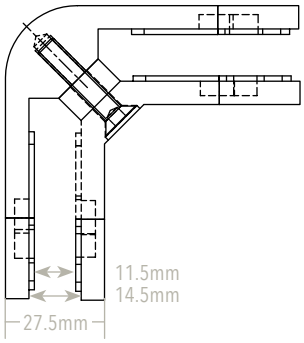
*5/8" or 2 x 8mm + laminate
**3/4" or 2 x 10mm + laminate

These glass clips come with a bottom plate; gaskets included.



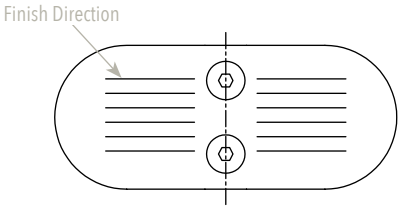
PHOTOGRAPH: JGS CUSTOM WELDING

GLASS TO GLASS APPLICATIONS



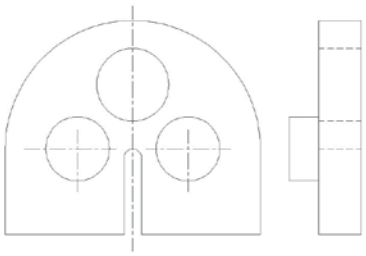
SS316

PART #	ANGLE GLASS TO GLASS	DIMENSIONS	GLASS SIZE
SSGC014XX16S	90°	45mm	8-12mm



SS316

PART #	ANGLE GLASS TO GLASS	DIMENSIONS	GLASS SIZE
SSGC015XX16S	180°	45x107mm	8-12mm



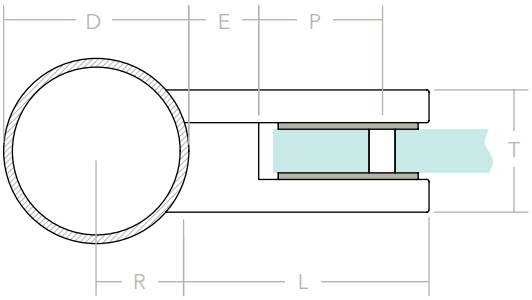
GASKET

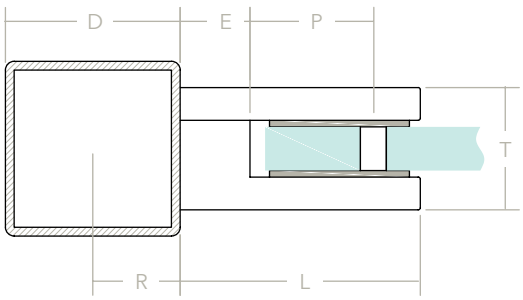
PART #	GLASS SIZE
SSGR20002RBN	8mm
SSGR20003RBN	10mm
SSGR20004RBN	12mm

NOTE: Gaskets sizes: 8mm = 5/16", 10mm = 3/8", 12mm = 1/2".

PHOTOGRAPH: EXCEL ENCLOSURES & RAILINGS

GLASS CLIPS REFERENCE CHART





ROUND GLASS CLIPS

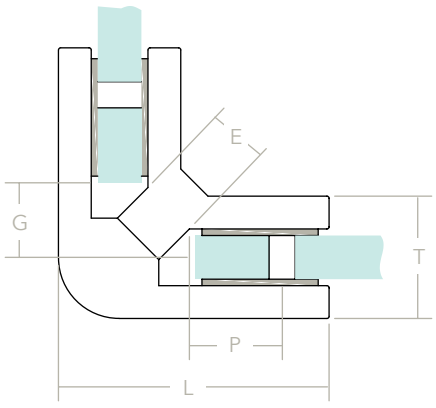
PART #	D mm inches	L mm inches	R mm inches	P mm inches	E mm inches	T mm inches
SSGC101XX16S	Flat See Note	50 1.97	- -	21.5 0.85	16 0.63	27 1.06
SSGC106XX16S	38.1 1.50	50 1.97	19.05 0.75	21.5 0.85	16 0.63	27 1.06
SSGC103XX16S	42.4 1.67	50 1.97	21.2 0.83	21.5 0.85	16 0.63	27 1.06
SSGC201XX16S **SSGC201XXZMS**	Flat See Note	63 2.48	- -	30.5 1.20	17.5 0.69	30 1.18
SSGC206XX16S **SSGC206XXZMS**	38.1 1.50	63 2.48	19.05 0.75	30.5 1.20	17.5 0.69	30 1.18
SSGC203XX16S **SSGC203XXZMS**	42.4 1.67	63 2.48	21.2 0.83	30.5 1.20	17.5 0.69	30 1.18
SSGC207XX16S **SSGC207XXZMS**	50.8 2.00	63 2.48	25.4 1.00	30.5 1.20	17.5 0.69	30 1.18

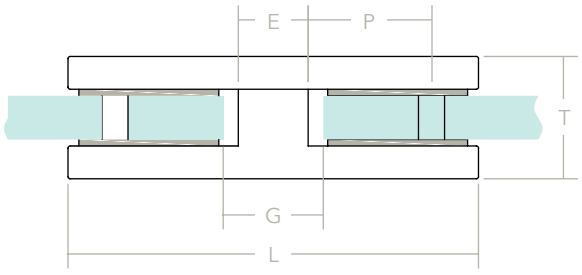
LEGEND
- **D**: Tube size
- **L**: Length of glass clip
- **R**: Back of clip to the center of post
- **P**: Center of pin to internal edge of glass clip

SQUARE GLASS CLIPS

PART #	D mm inches	L mm inches	R mm inches	P mm inches	E mm inches	T mm inches
SSGC301XX16S **SSGC301XXZMB**	Flat See Note	45 1.77	- -	17 0.67	18 0.71	26 1.02
SSGC306XX16S	38.1 1.50	45 1.77	19.05 0.75	17 0.67	18 0.71	26 1.02
SSGC303XX16S	42.4 1.67	45 1.77	21.2 0.83	17 0.67	18 0.71	26 1.02
SSGC431XX16S **SSGC431XXZMS** **SSGC431XXZMB** **SSGC431XXZMW** **SSGC411XX16S** **SSGC411XXZMS** **SSGC411XXZMB**	Flat See Note	55 2.17	- -	26.5 1.04	18 0.71	35 1.38
SSGC433XX16S **SSGC413XX16S**	42.4 1.67	55 2.17	21.2 0.83	26.5 1.04	18 0.71	35 1.38
SSGC437XX16S **SSGC417XX16S**	50.8 2.00	55 2.17	25.4 1.00	26.5 1.04	18 0.71	35 1.38
SSGC441XX16S	Flat See Note	55 2.17	- -	26.5 1.04	18 0.71	40 1.57
SSGC451XX16S	Flat See Note	55 2.17	- -	26.5 1.04	18 0.71	44 1.73

NOTE: Flat Glass Clips are installed on a wall or different sizes of square tubing (e.g., 40 x 40mm, 2" x 2").
For installation on square tubing, D = Tube Size and R = D/2.





90°

PART #	L mm inches	P mm inches	E mm inches	G mm inches	T mm inches
SSGC014XX16S	82 3.23	33 1.30	15.5 0.61	15 0.59	30 1.18

180°

PART #	L mm inches	P mm inches	E mm inches	G mm inches	T mm inches
SSGC015XX16S	106 4.17	30 1.18	14 0.55	19 0.75	30 1.18

LEGEND
- **L**: Length of glass clip
- **P**: Center of pin to internal edge of glass clip
- **E**: Internal edge to edge distance
- **G**: Glass to glass gap

ULTRA SLIM 2205 FRAMELESS GLASS CONNECTORS

The slimmer frameless glass panel support system.

SERIES 1: Standard

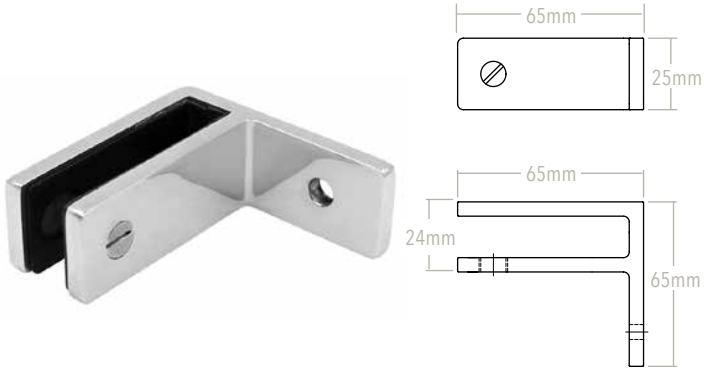
PRODUCT FEATURES

- 4 models suit **10-12mm** glass with gaskets included.
- Single grub screws.
- Available in **Duplex 2205** for more than double the strength and superior corrosion resistance than 316.
- All products are available in **Satin finish**.

ACCOMMODATES 10-12mm GLASS

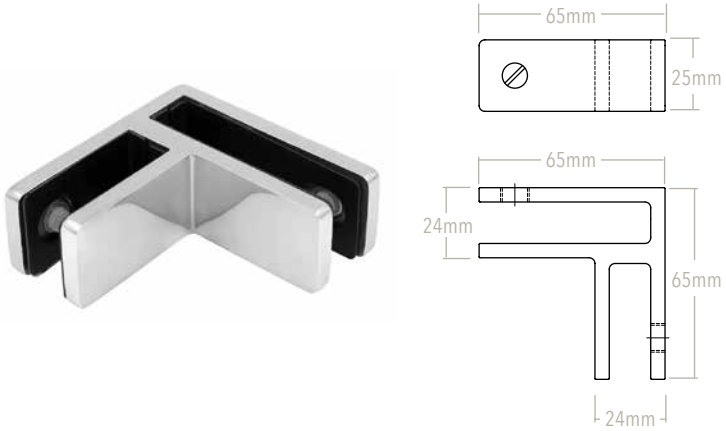
GLASS CONNECTOR FOR GLASS TO WALL

PART #
SSPFEBWALL



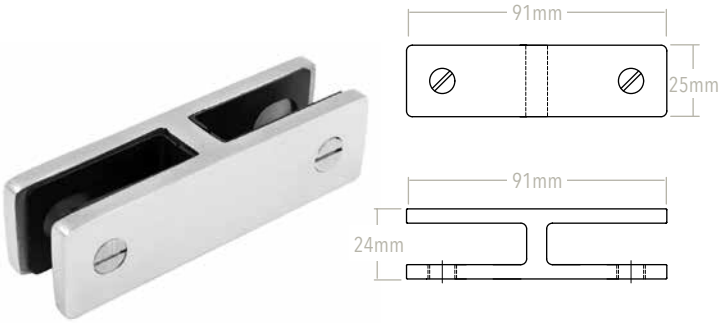
90° GLASS CONNECTOR FOR GLASS TO GLASS

PART #
SSPFEB90



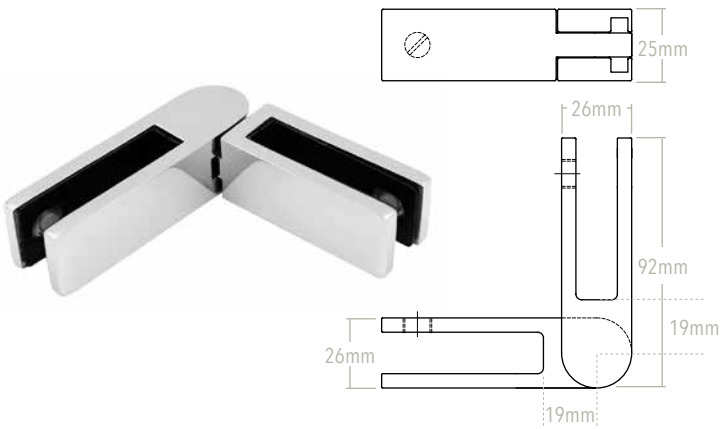
180° GLASS CONNECTOR FOR GLASS TO GLASS

PART #
SSPFEB180



ADJUSTABLE GLASS CONNECTOR FOR GLASS TO GLASS

PART #
SSPFEBADJ



- Adjustment from 90°-180°.
- Slide and rotate.
- No screw assembly.

SERIES 2: Heavy Duty

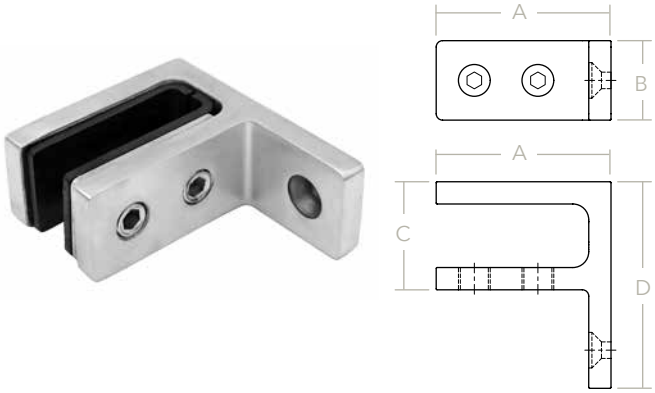
PRODUCT FEATURES

- 4 models **12-15mm** glass with gaskets included **(first item in each list)**.
- 4 models **16.76-21.52mm** glass with gaskets included **(second item in each list)**.
- Double grub screws.
- Available in **Duplex 2205** for more than double the strength and superior corrosion resistance than 316.
- All products are available in **Satin finish**.

ACCOMMODATES 12-21.52mm GLASS

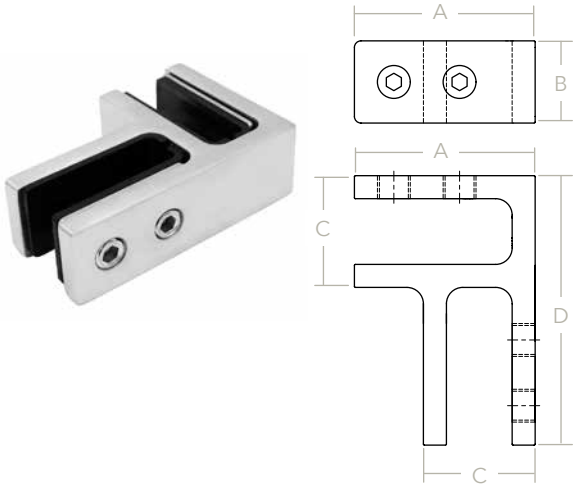
GLASS CONNECTOR FOR GLASS TO WALL

PART #	A	B	C	D
SSPFEBWALL1	55mm	25mm	34mm	65mm
SSPFEBWALL2	55mm	25mm	40mm	65mm



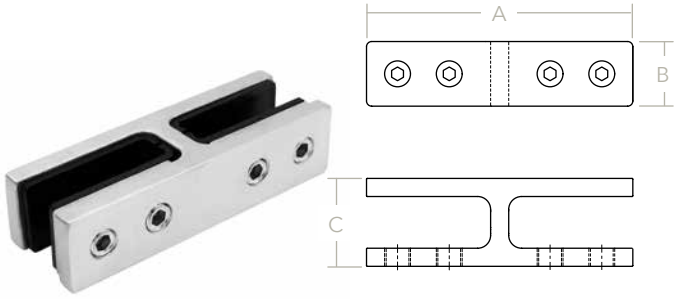
90° GLASS CONNECTOR FOR GLASS TO GLASS

PART #	A	B	C	D
SSPFEB901	55mm	25mm	34mm	82mm
SSPFEB902	55mm	25mm	40mm	88mm



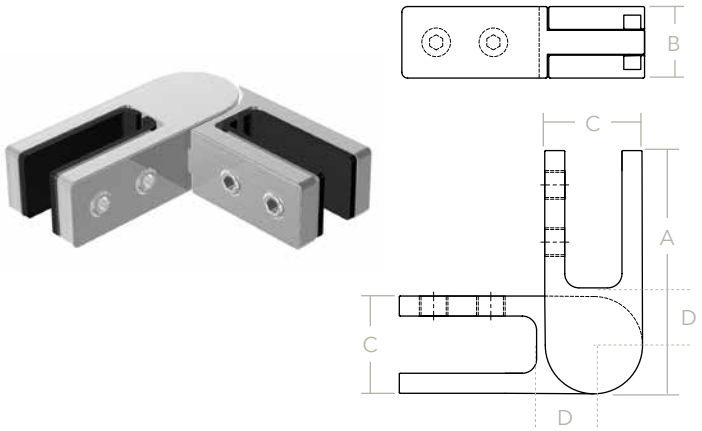
180° GLASS CONNECTOR FOR GLASS TO GLASS

PART #	A	B	C
SSPFEB1801	103mm	25mm	34mm
SSPFEB1802	103mm	25mm	40mm

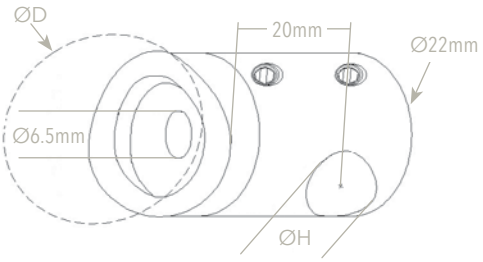


ADJUSTABLE GLASS CONNECTOR FOR GLASS TO GLASS

PART #	A	B	C	D
SSPFEBADJ1	85mm	25mm	34mm	20mm
SSPFEBADJ2	91.5mm	25mm	40mm	20mm

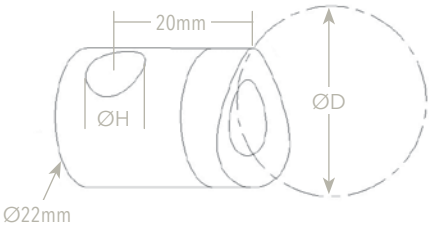


- Adjustment from 90°-180°.
- Slide and rotate.
- No screw assembly.



PART #	D (for tube)	H (for rod)
SSHD0010204S	flat	12mm
SSHD0010404S	flat	12.7mm*
SSHD0060204S	38.1mm	12mm
SSHD0060404S	38.1mm	12.7mm*
SSHD0030204S	42.4mm	12mm
SSHD0030404S	42.4mm	12.7mm*
SSHD0070404S	50.8mm	12.7mm*

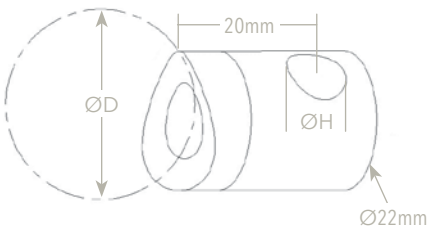
*Also works with 1/2" tubing.



Blind Hole - Right

PART #	D (for tube)	H (for rod)
SSHD3110404S	flat	12.7mm*

*Also works with 1/2" tubing.

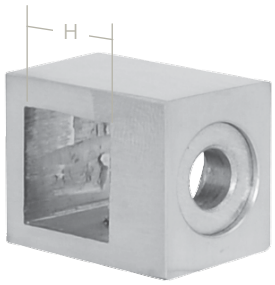


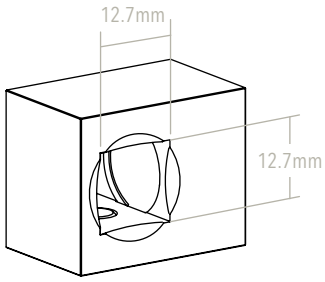
Blind Hole - Left

PART #	D (for tube)	H (for rod)
SSHD3210404S	flat	12.7mm*

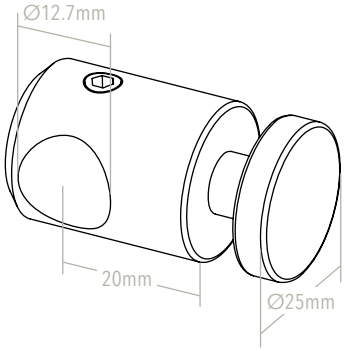
*Also works with 1/2" tubing.

12mm = 7/16" • 12.7mm = 1/2"

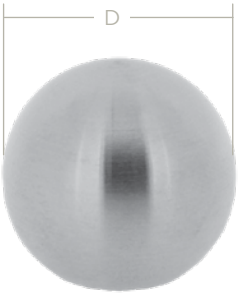




PART #		H (for rod)
SSZH0404004S	flat	10mm
SSZH4012704S	flat	1/2"



PART #	GLASS SIZE
SSGH0250204S	6-8mm



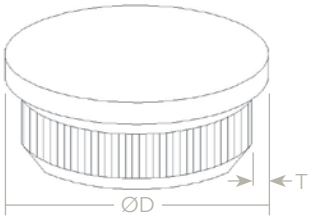
PART #	D	H (for rod)
SSBS0250704S	1"	1/2"

END CAPS & POST CAPS

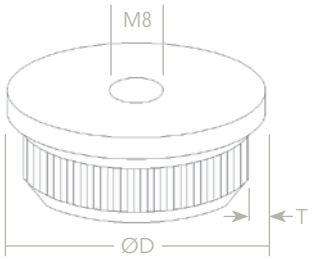
For tubing options, see page 100.

 PHOTOGRAPH: GLASS DIMENSIONS INC.

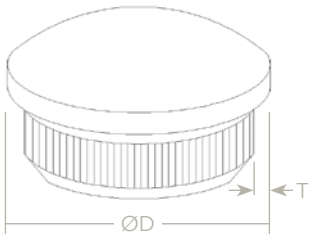
ROUND



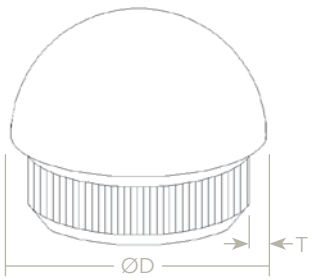
PART #	D (tube)	T (tube thickness)
SSEP0012416S ▼	38.1mm	1.5mm
SSEP0010216S ▼	42.4mm	2.0mm
SSEP0012516S ▼	50.8mm	1.5mm



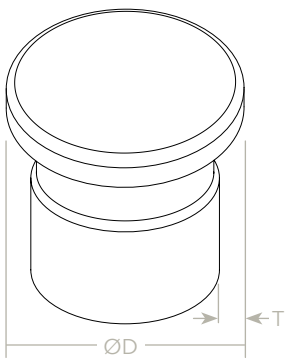
PART #	D (tube)	T (tube thickness)
SSEP0022404S	38.1mm	1.5mm
SSEP0020204S	42.4mm	2.0mm



PART #	D (tube)	T (tube thickness)
SSEP0032416S ▼	38.1mm	1.5mm
SSEP0030216S ▼	42.4mm	2.0mm
SSEP0032516S ▼	50.8mm	1.5mm



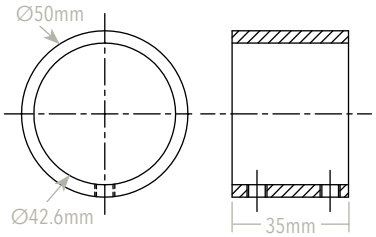
PART #	D (tube)	T (tube thickness)
SSEP0072416S ▼	38.1mm	1.5mm
SSEP0070216S ▼	42.4mm	2.0mm
SSEP0072516S ▼	50.8mm	1.5mm

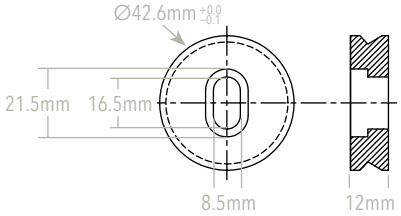


PART #	D (tube)	T (tube thickness)
SSEP0090104S	1/2"	1.5mm
SSEP0090604S	5/8"	1.5mm

NOTE: ▼ SS316

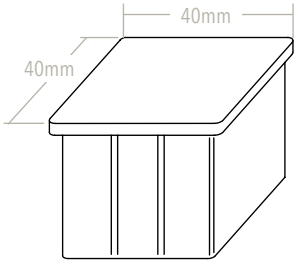
ROUND

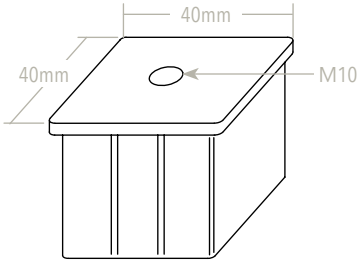




PART #	D (tube)
SSEB8100204S	42.4mm

SQUARE

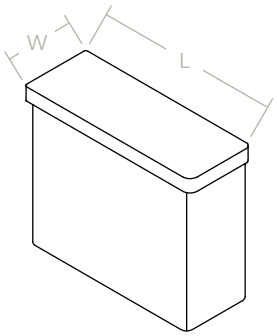




PART #	D (tube)	T (tube thickness)
SSZP0404016S ▼	40 x 40mm	2.0mm
SSZP0505016S ▼	50.8 x 50.8mm	2.0mm

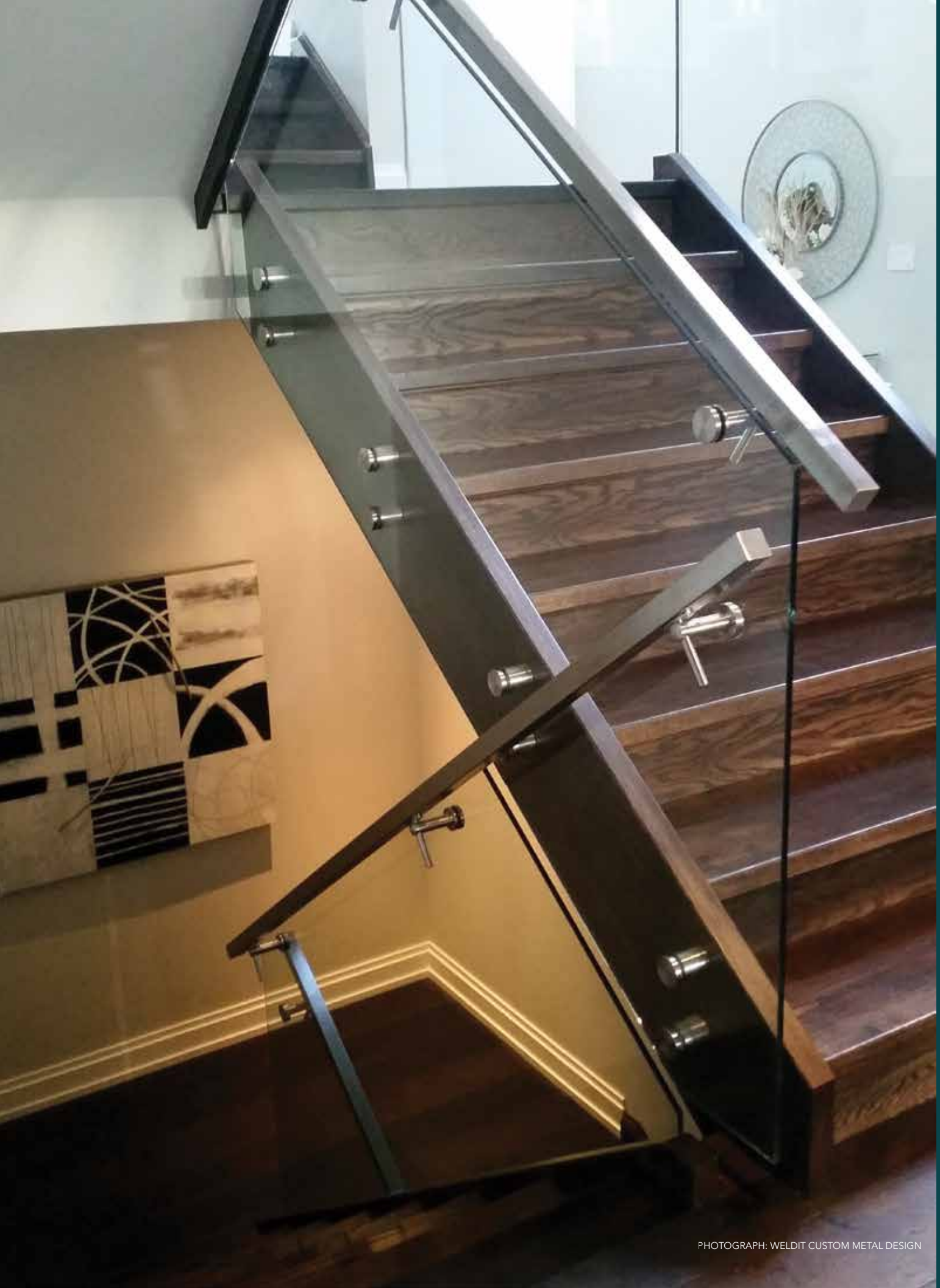
PART #	D (tube)	T (tube thickness)
SSZE0600104S	40 x 40mm	2.0mm

RECTANGULAR



PART #	L x W (tube)
SSEPREC11212 ▼	1 1/2" x 1/2"
SSEPREC212 ▼	2" x 1/2"
SSEPREC21	2" x 1"

NOTE: ▼ SS316



PHOTOGRAPH: WELDIT CUSTOM METAL DESIGN

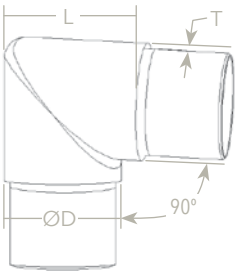
ELBOWS

For tubing options, see page 100.

 PHOTOGRAPH: FORT ROUGE GLASS LTD.

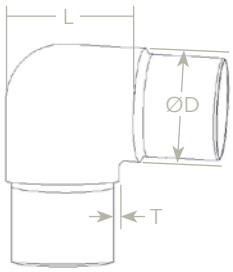
ROUND

Sharp



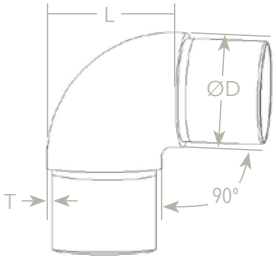
PART #	D (tube)	T (tube thickness)	L (length)
SSEB1040304S	38.1mm	1.5mm	45mm
SSEB1020104S	42.4mm	2.0mm	50mm

Semi-Round

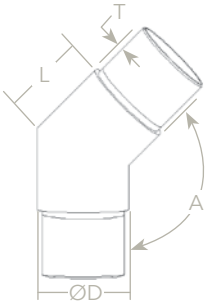


PART #	D (tube)	T (tube thickness)	L (length)
SSEB2040304S	38.1mm	1.5mm	45mm
SSEB2020104S	42.4mm	2.0mm	50mm
SSEB2050304S	50.8mm	1.5mm	70mm

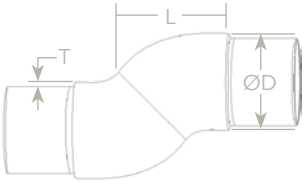
Round



PART #	D (tube)	T (tube thickness)	L (length)
SSEB3040304S	38.1mm	1.5mm	45mm
SSEB3020104S	42.4mm	2.0mm	50mm
SSEB3021104S	42.4mm	2.0mm	65mm
SSEB3050304S	50.8mm	1.5mm	70mm

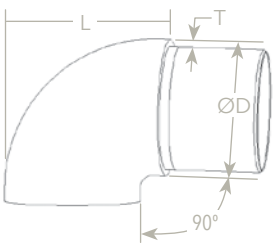


PART #	A (angle)	D (tube)	T (tube thickness)	L (length)
SSEB4040304S	135°	38.1mm	1.5mm	35mm
SSEB4020104S	135°	42.4mm	2.0mm	38mm
SSEB4050304S	135°	50.8mm	1.5mm	45mm
SSEB4140304S	147°	38.1mm	1.5mm	35mm
SSEB4120104S	147°	42.4mm	2.0mm	38mm



PART #	D (tube)	T (tube thickness)	L (length)
SSEB7040304S	38.1mm	1.5mm	38.5mm
SSEB7020104S	42.4mm	2.0mm	45mm
SSEB7050304S	50.8mm	1.5mm	58mm

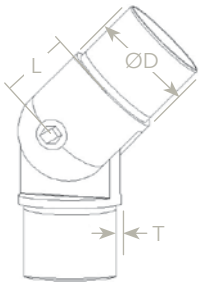
End Piece



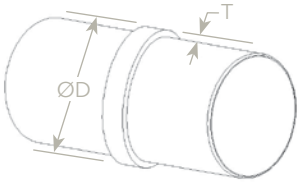
PART #	D (tube)	T (tube thickness)	L (length)
SSEB1340304S	38.1mm	1.5mm	45mm
SSEB1320104S	42.4mm	2.0mm	50mm
SSEB1350304S	50.8mm	1.5mm	70mm

38.1mm = 1 1/2" • 42.4mm = 1.66" • 50.8mm = 2"

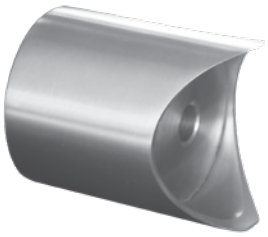
ROUND

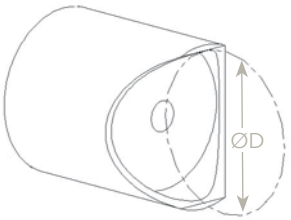


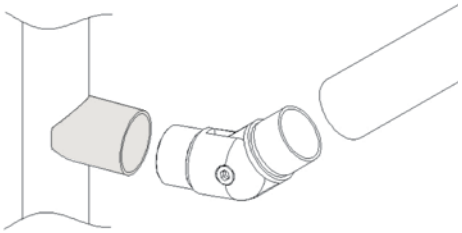
PART #	D (tube)	T (tube thickness)	L (length)
SSEB8040304S	38.1mm	1.5mm	24mm
SSEB8020104S	42.4mm	2.0mm	27mm
SSEB8050304S	50.8mm	1.5mm	32mm



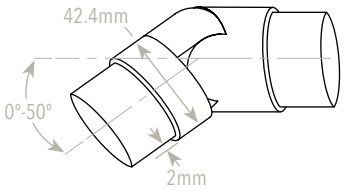
PART #	D (tube)	T (tube thickness)
SSEB9040304S	38.1mm	1.5mm
SSEB9020104S	42.4mm	2.0mm
SSEB9050304S	50.8mm	1.5mm





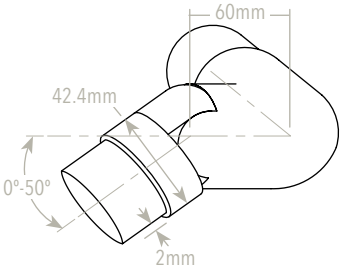


PART #	D (tube)	T (tube thickness)
SSEB8110104S	42.4mm	2.0mm



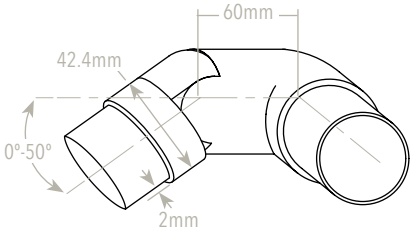
PART #	D (tube)	T (tube thickness)
SSEBLNDFLUSH	42.4mm	2.0mm

Landing - Left



PART #	D (tube)	T (tube thickness)
SSEBLNDLEFT	42.4mm	2.0mm

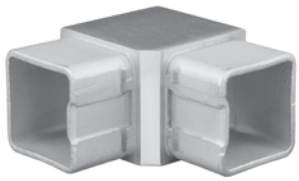
Landing - Right



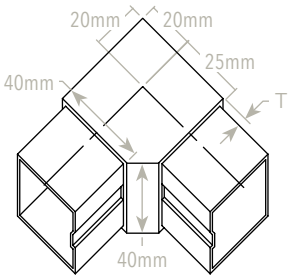
PART #	D (tube)	T (tube thickness)
SSEBLNDRIGHT	42.4mm	2.0mm

38.1mm = 1 1/2" • 42.4mm = 1.66" • 50.8mm = 2"

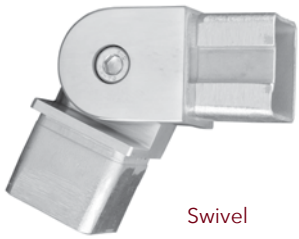
SQUARE



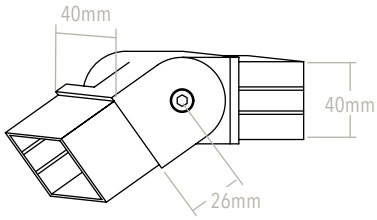
90°



PART # **SSZE0404016S** ▼ | D (tube) 40 x 40mm | T (tube thickness) 2.0mm

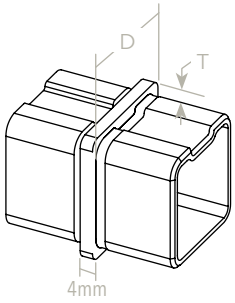


Swivel



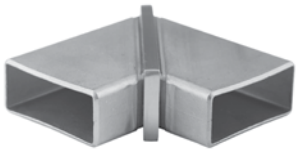
PART # **SSZE1404016S** ▼ | D (tube) 40 x 40mm | T (tube thickness) 2.0mm

Straight Connector

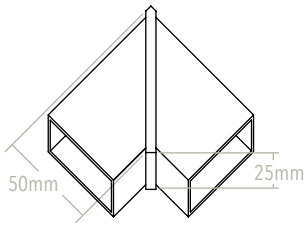


PART # **SSZE0404116S** ▼ | D (tube) 40 x 40mm | T (tube thickness) 2.0mm

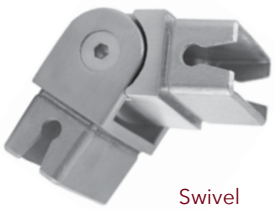
RECTANGULAR



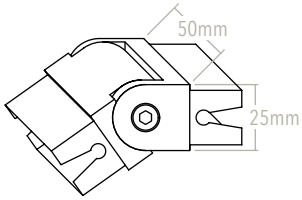
90°



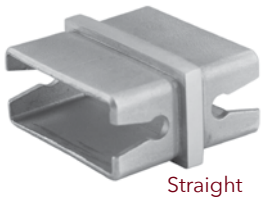
PART # **SSEBREC2101** | D (tube) 2" x 1" | T (tube thickness) 1.5mm



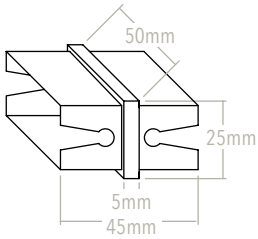
Swivel



PART # **SSEBREC2103** | D (tube) 2" x 1" | T (tube thickness) 1.5mm



Straight Connector



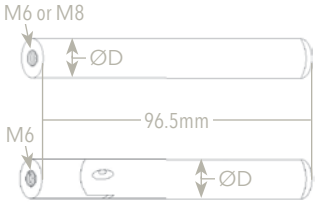
PART # **SSEBREC2102** | D (tube) 2" x 1" | T (tube thickness) 1.5mm

NOTE: ▼ SS316

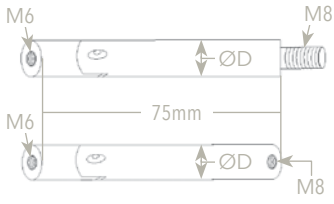
 PHOTOGRAPH: V-P VITRERIE VERRE DESIGN INC.

PART #	D (bar dia)	(pin thread)	(hole thread)
SSFP0012104S	12mm	M8	M6
SSFP0022104S	14mm	M8	M6
SSFP0012204S	12mm		M6, M8
SSFP0022204S	14mm		M6, M8

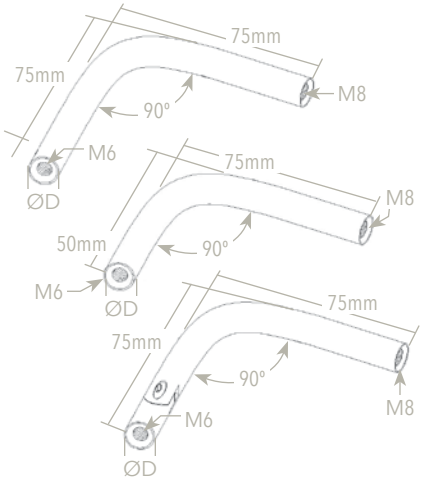
PART #	D (bar dia)	(hole thread)
SSFP0112204S	12mm	M6, M8



PART #	D (bar dia)	(hole thread)
SSFP0122004S	14mm	M6
SSFPX122004S	14mm	M8
SSSP0122004S	14mm	M6

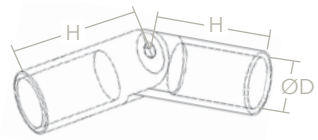


PART #	D (bar dia)	(pin thread)	(hole thread)
SSSP0012104S	12mm	M8	M6
SSSP0022104S	14mm	M8	M6
SSSP0012204S	12mm		M6, M8

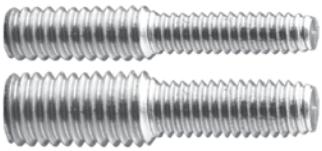


PART #	D (bar dia)	(hole thread)
SSFB0012204S	12mm	M6, M8
SSFB0022204S	14mm	M6, M8
SSFB0032204S	12mm	M6, M8
SSSB0012204S	12mm	M6, M8
SSSB0022204S	14mm	M6, M8

Adjustable Rod Connector



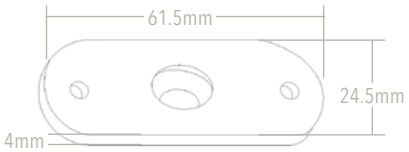
PART #	D (rod)	H (height)
SSEB2150104S	12.7mm	36mm

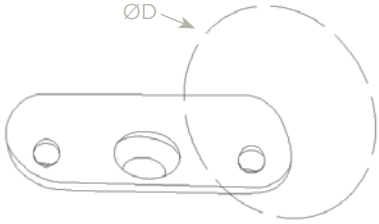


Reducer Screw

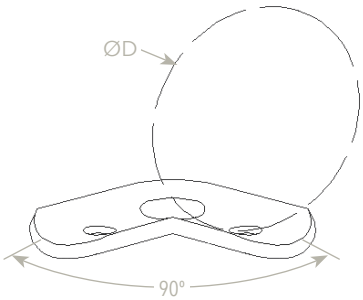
PART #	Use
SSFPM6TOM8	For M6 to M8
SSFPM8TOM10	For M8 to M10

HANDRAIL ATTACHMENTS - 38.1mm = 1.5" • 42mm = 1.66" • 50.8mm = 2"

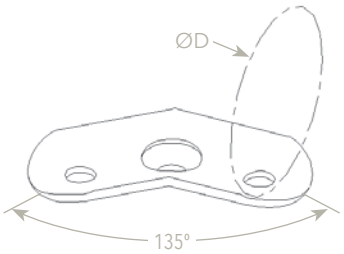




PART #	D (tube)
SSUA0010116S ▼	flat
SSUA0010616S ▼	38.1mm
SSUA0010316S ▼	42.4mm
SSUA0010716S ▼	50.8mm



PART #	D (tube)
SSUA0012116S ▼	flat
SSUA0012616S ▼	38.1mm
SSUA0012316S ▼	42.4mm
SSUA0012716S ▼	50.8mm



PART #	D (tube)
SSUA0011616S ▼	38.1mm
SSUA0011316S ▼	42.4mm
SSUA0011716S ▼	50.8mm

NOTE: ▼ SS316

CREATE YOUR OWN COMBINATION

Choose from handrail attachment plates above and combine with tube supports, wall brackets, and off-the-glass brackets to create the component of your choice.

EXAMPLE FOR TUBE SUPPORT

SSTF2030016S

+

SSUA0010316S

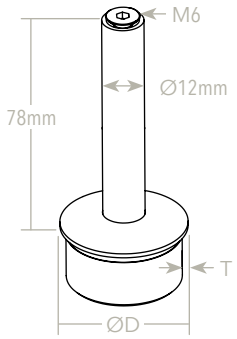
=

Tube Support with Handrail Attachment Plate

NOTE: Handrail attachment plates are included when purchasing tube supports, wall brackets, and off-the-glass brackets. Handrail attachment plates can also be purchased separately.

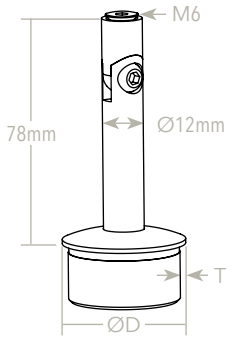
ROUND

TUBE SUPPORTS - Choose handrail attachment plate type from page 71 to go with the tube support of your choice.



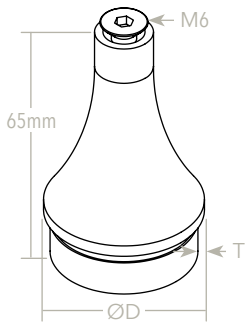
FIXED

PART #	D (tube)	T (tube thickness)
SSTF1050016S ▼	38.1mm	1.5mm
SSTF0030016S ▼	42.4mm	2.0mm
SSTF1060016S ▼	50.8mm	1.5mm



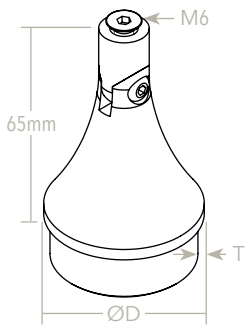
SWIVEL

PART #	D (tube)	T (tube thickness)
SSTS1060016S ▼	38.1mm	1.5mm
SSTS0030016S ▼	42.4mm	2.0mm
SSTS1070016S ▼	50.8mm	1.5mm



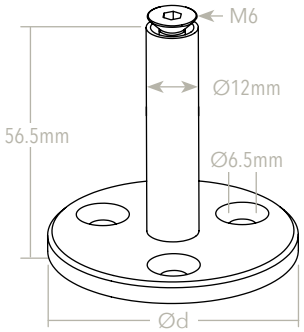
FIXED

PART #	D (tube)	T (tube thickness)
SSTF2050016S ▼	38.1mm	1.5mm
SSTF2030016S ▼	42.4mm	2.0mm
SSTF2060016S ▼	50.8mm	1.5mm



SWIVEL

PART #	D (tube)	T (tube thickness)
SSTS2050016S ▼	38.1mm	1.5mm
SSTS2030016S ▼	42.4mm	2.0mm
SSTS2060016S ▼	50.8mm	1.5mm



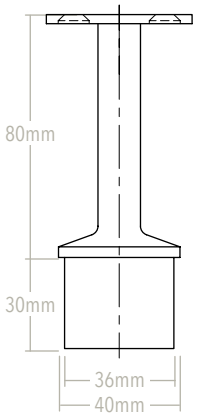
FIXED

PART #	d (plate dia)
SSTF0010004S	58mm

NOTE: ▼ SS316. Handrail attachment plates are included when purchasing tube supports. Handrail attachment plates can also be purchased separately.

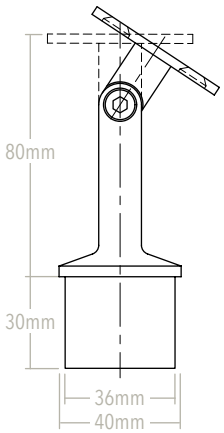
SQUARE

TUBE SUPPORTS



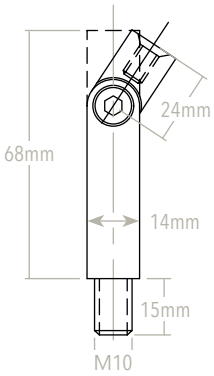
FIXED

PART #	S (tube)	T (tube thickness)
SSZT0404016S ▼	40 x 40mm	2.0mm

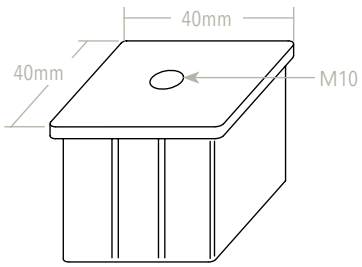


SWIVEL

PART #	S (tube)	T (tube thickness)
SSZT1404016S ▼	40 x 40mm	2.0mm



PART #	S (tube)
SSZS0140104S	14 x 68mm



PART #	S (tube)	T (tube thickness)
SSZE0600104S	40 x 40mm	2.0mm

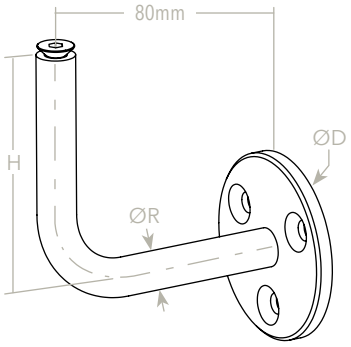
NOTE: ▼ SS316. Square tube supports are already assembled with handrail attachment plate for both fixed and swivel applications. The flexible rod and end cap can be used together to create your own tube support along with your choice of handrail attachment plate (sold separately) on page 71.

PHOTOGRAPH: SPANISH FER ORNEMENTAL

WALL BRACKETS

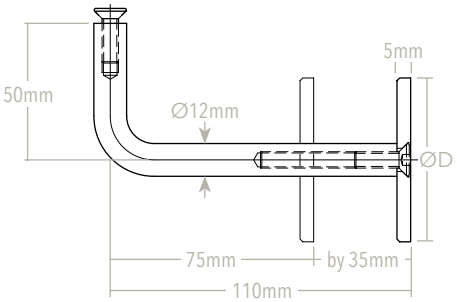
ROUND with 3-hole plate

Choose handrail attachment plate type from page 71 to go with the wall bracket of your choice.



3 1/2" to center

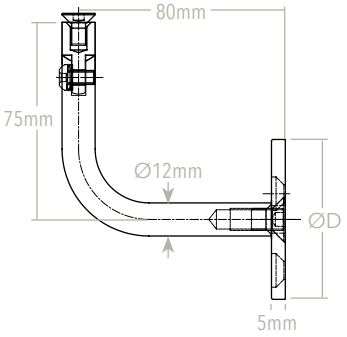
PART #	H (height)	D (plate dia)	R (rod dia)
SSWB0100004S	50mm	58mm	12mm
SSWB1301104S	75mm	58mm	12mm
SSWB2311104S	75mm	68mm	14mm



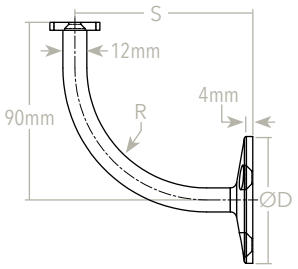
4 1/2" to center

PART #	H (height)	D (plate dia)	R (rod dia)
SSWB0140004S*	50mm	60mm	12mm

*Can be cut to create custom length.



PART #	D (plate dia)	R (rod dia)
SSWB1109004S	58mm	12mm



PART #	S (size)	D (plate dia)	R (center line radius)
SSWB31204S	3 1/2"	62mm	60mm
SSWB41204S	4 1/2"	62mm	70mm

Non-removable flat handrail attachment plate already included; for use with wooden handrails.

EXAMPLE FOR WALL BRACKET

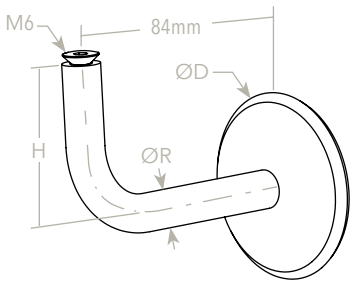
SSWB1301104S + **SSUA0010316S** =

Wall Bracket with Handrail Attachment Plate

NOTE: Handrail Attachment Plates are included when purchasing wall brackets. Handrail Attachment Plates can also be purchased separately.

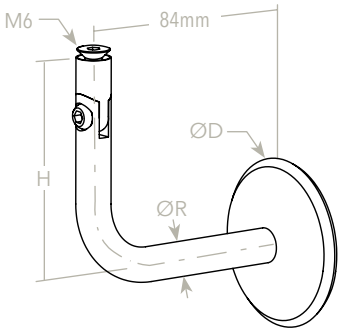
ROUND

Choose handrail attachment plate type from page 71 to go with the wall bracket of your choice.

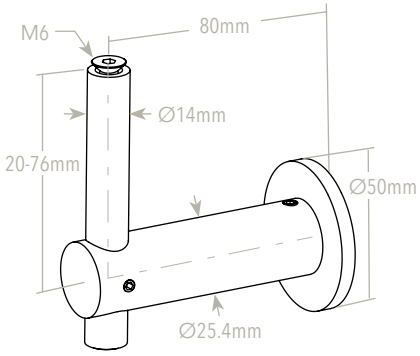


3 1/2" to center

PART #	H (height)	D (plate dia)	R (rod dia)
SSWB0200004S	50mm	58mm	12mm
SSWB1301204S	75mm	58mm	12mm
SSWB2311204S	75mm	68mm	14mm

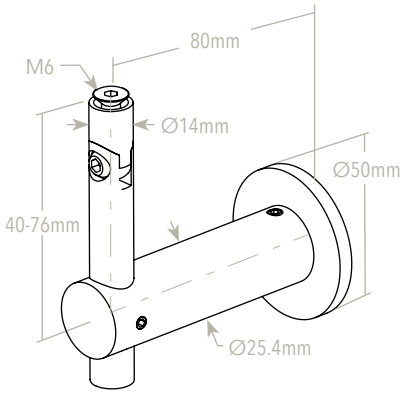


PART #	H (height)	D (plate dia)	R (rod dia)
SSWB1209004S	75mm	58mm	12mm



FIXED

PART #
SSWF0010004S



SWIVEL

PART #
SSWS0010004S

FASTENERS FOR WALL BRACKETS

For Wood, use Hanger Bolts:
- **HBM850** (M8 x 50mm)
- **HBM880** (M8 x 80mm)
- **HBM8100** (M8 x 100mm)

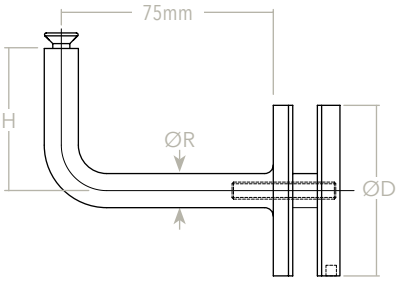
For Concrete, use Threaded Rods:
- **SSM860SET** (M8 x 60mm)
- **SSM880SET** (M8 x 80mm)
- **SSM8100SET** (M8 x 100mm)

NOTE: Handrail Attachment Plates are included when purchasing wall brackets. Handrail Attachment Plates can also be purchased separately.

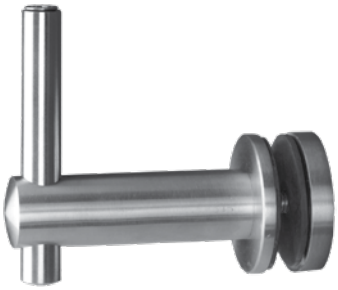
OFF-THE-GLASS BRACKETS

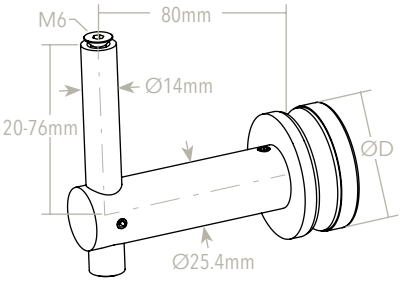
ROUND

Choose handrail attachment plate type from page 71 to go with the wall bracket of your choice.
Recommended hole size for glass is 5/8" to 3/4".



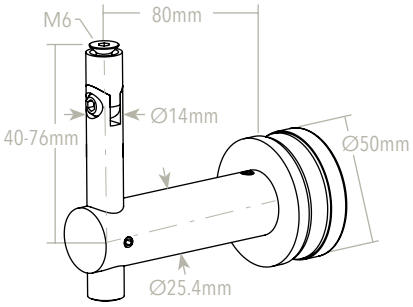
PART #	H (height)	D (plate dia)	R (rod dia)
SSGF11GM04S (3" x 2")	52mm	58mm	12mm
SSGF10GM04S (3" x 3")	75mm	50mm	14mm



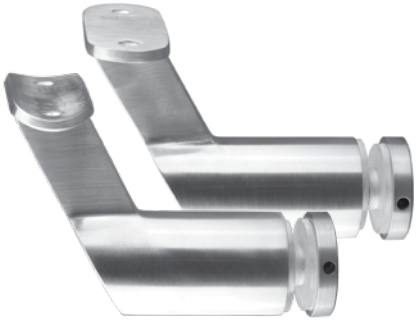


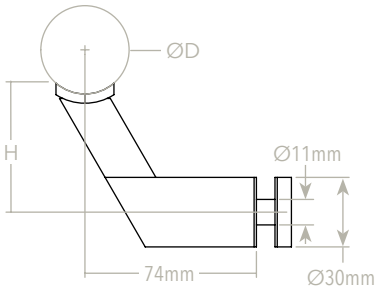
PART #	D (plate dia)
SSGF100X04S*	38.1mm
SSGF0010004S	50.0mm

*Matches with our 1 1/2" (38.1mm) standoffs.



PART #
SSGS0010004S





PART #	H (height)	D (plate dia)
SSGFX30104S	50mm	flat
SSGFX30604S	50mm	38.1mm
SSGFX30304S	50mm	42.4mm

For wall mounting, remove back plate.

EXAMPLE FOR OFF-THE-GLASS BRACKET

SSGF0010004S **+**

SSUA00103016S **=**

Off-the-glass Bracket with Handrail Attachment Plate

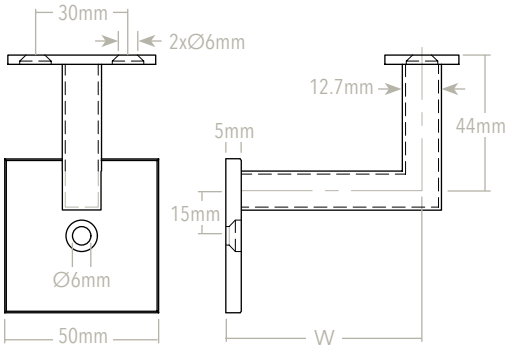
NOTE: Handrail Attachment Plates are included when purchasing off-the-glass brackets. Handrail Attachment Plates can also be purchased separately.

Bracket for post mounting available upon request.

PHOTOGRAPH: INNOVATIVE METAL WORKS

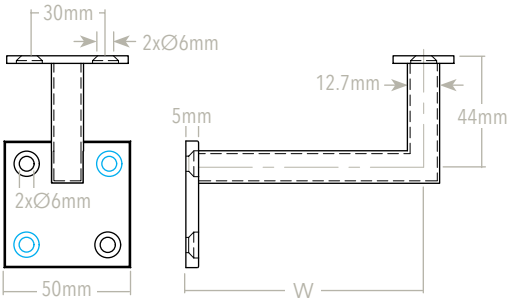
SQUARE

WALL BRACKETS



1 HOLE

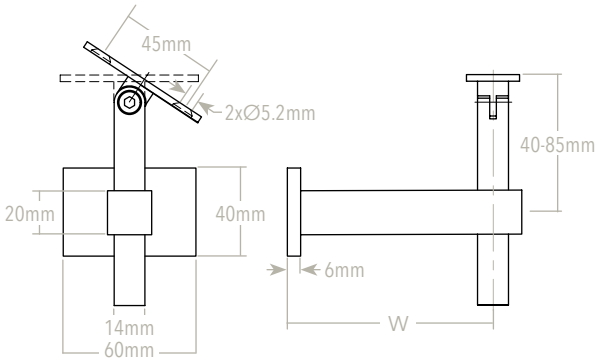
PART #	W (width)	H (height)
SSZH0070104S	2 1/2"	2 1/2"
SSZH0072104S	3 1/2"	2 1/2"



2 HOLES

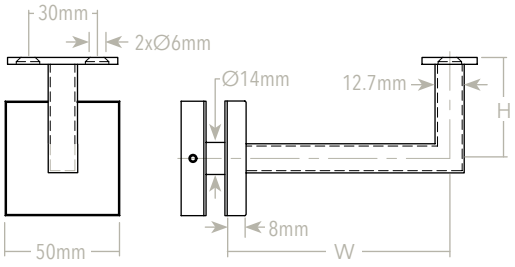
PART #	W (width)	H (height)
SSZH0070100S - Left	2 1/2"	2 1/2"
SSZH0070101S - Right	2 1/2"	2 1/2"
SSZH0071104S - Left	3 1/2"	2 1/2"
SSZH0071105S - Right	3 1/2"	2 1/2"

Above is left handed version.
◎ is right handed version.



PART #	W (width)
SSZH0030104S	3 1/2"

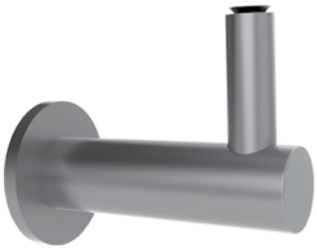
OFF-THE-GLASS BRACKET

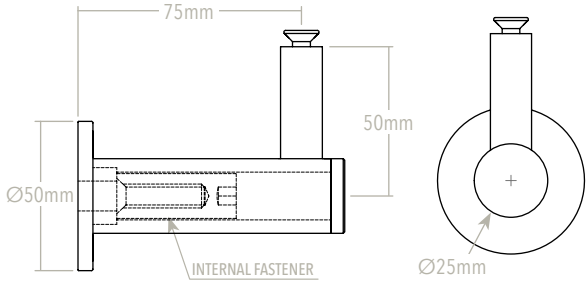


PART #	W (width)	H (height)
SSZH1071104S	3 1/2"	2 1/2"

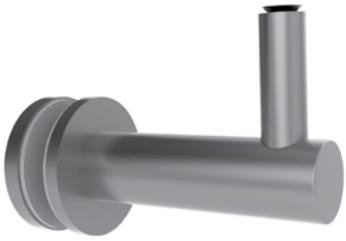
ROUND

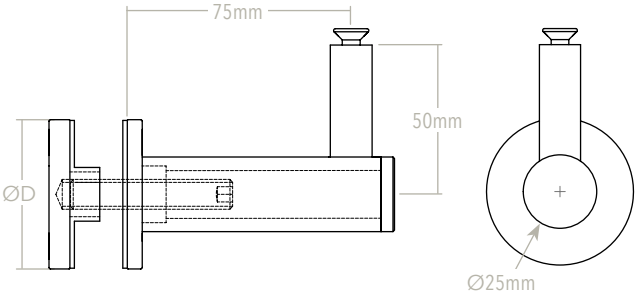
Heavy Duty - Fully Welded with Stronger Fasteners





PART #
SSWF0020016S ▼



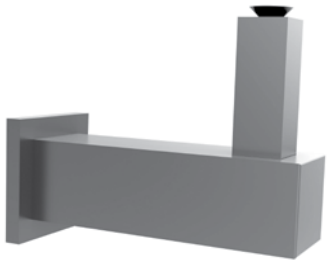


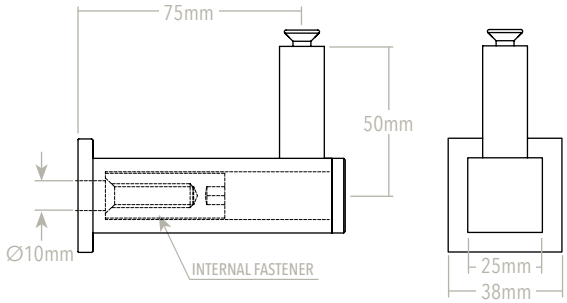
PART #	D (plate dia)
SSGF200X16S* ▼	38.1mm
SSGF0020016S ▼	50.0mm

Glass size is **10-25mm**.
*Matches with our 1 1/2" (38.1mm) standoffs.

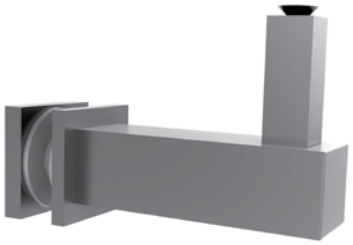
SQUARE

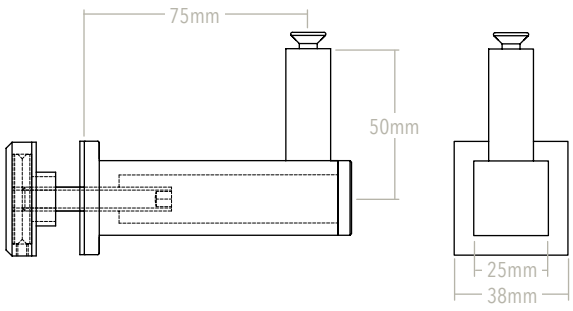
Heavy Duty - Fully Welded with Stronger Fasteners





PART #
SSZH0073116S ▼



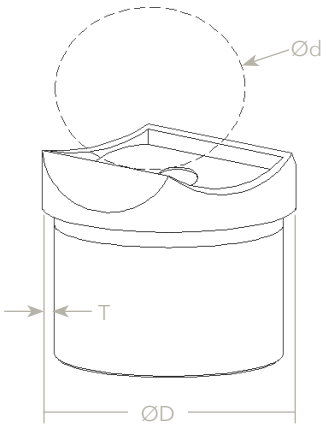


PART #
SSZH0073216S ▼

Glass size is **10-25mm**.

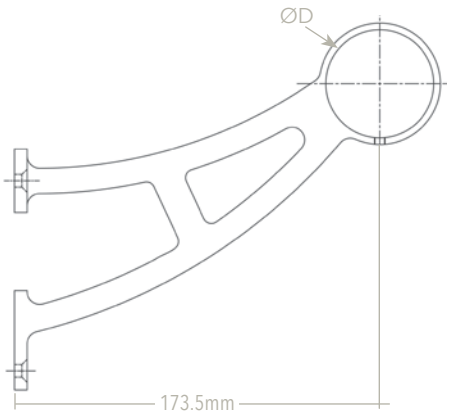
NOTE: ▼ SS316.

TUBE RESTS



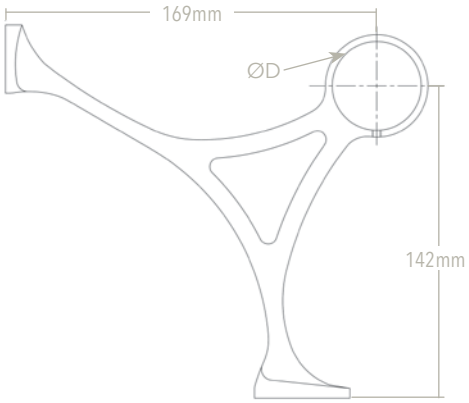
PART #	D (tube)	T (tube thickness)	d (handrail size)
SSTR0260604S	38.1mm	1.5mm	38.1mm
SSTR0030304S	42.4mm	2.0mm	42.4mm
SSTR0270704S	50.8mm	1.5mm	50.8mm

FOOTRAIL BRACKETS



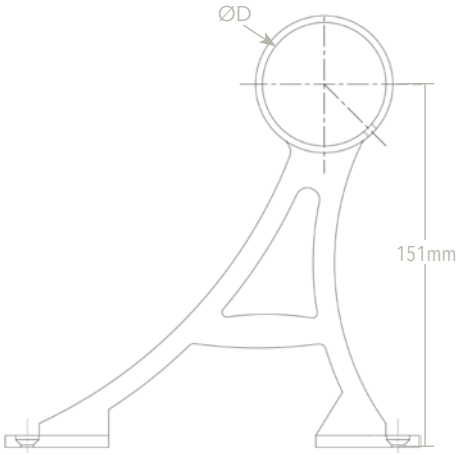
WALL MOUNT

PART #	D (tube dia)
SSRF0011104S	40.0mm
SSRF0011704S	50.8mm



WALL TO FLOOR MOUNT

PART #	D (tube dia)
SSRF0031104S	40.0mm
SSRF0031704S	50.8mm

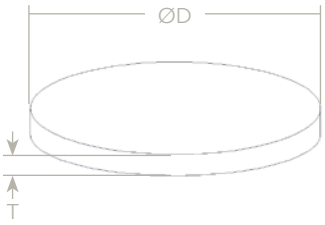


FLOOR MOUNT

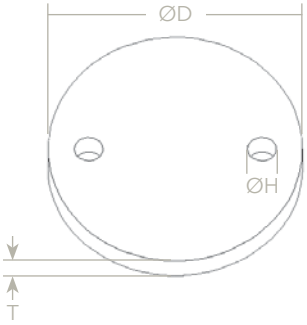
PART #	D (tube dia)
SSRF0041104S	40.0mm
SSRF0041704S	50.8mm

ROUND

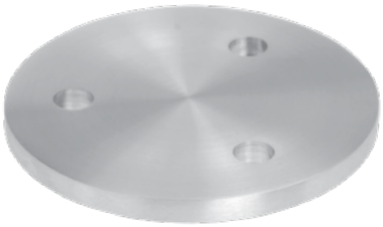
DISCS

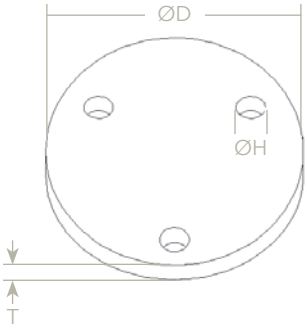


PART #	D (plate dia)	T (thickness)
SSPL0420404S	42mm	4mm
SSPL0480404S	48mm	4mm
SSPL0800604S	80mm	6mm
SSPL1000104S	100mm	6mm



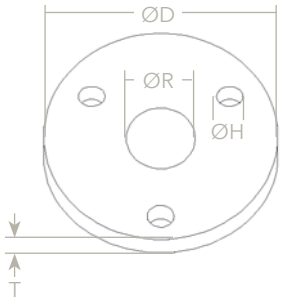
PART #	D (plate dia)	T (thickness)	H (outer holes)
SSPW0581104S	58mm	5mm	2 x 6.5mm
SSPW0801104S	80mm	6mm	2 x 8.5mm



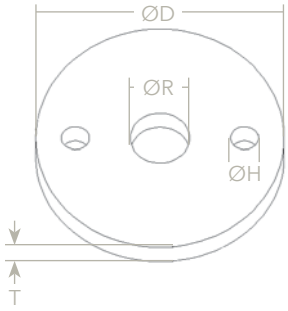


PART #	D (plate dia)	T (thickness)	H (outer holes)
SSPW1001204S	100mm	6mm	3 x 11mm

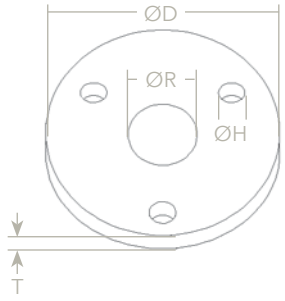
BASE PLATES



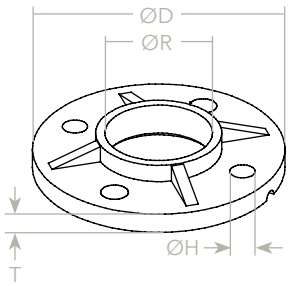
PART #	D (plate dia)	T (thickness)	H (outer holes)	R (tube size)
SSPW0581504S	58mm	5mm	3 x 6.5mm	8.2mm
SSPW0701504S	68mm	5mm	3 x 6.5mm	8.2mm



PART #	D (plate dia)	T (thickness)	H (outer holes)	R (tube size)
SSPW1001604S	100mm	6mm	2 x 11mm	38.1mm
SSPW1001404S	100mm	6mm	2 x 11mm	42.4mm



PART #	D (plate dia)	T (thickness)	H (outer holes)	R (tube size)
SSPW1001504S	100mm	6mm	3 x 11mm	42.4mm
SSPW1201704S	120mm	10mm	3 x 13mm	50.8mm



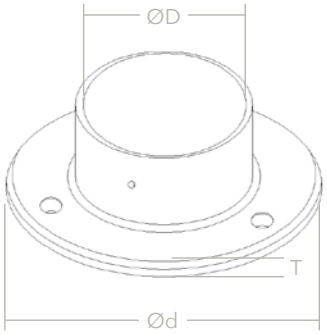
PART #	D (plate dia)	T (thickness)	H (outer holes)	R (tube size)
SSPW1071304N	100mm	8mm	4 x 11mm	42.4mm
SSPW1071316N ▼	100mm	8mm	4 x 11mm	42.4mm

Cast base plates.

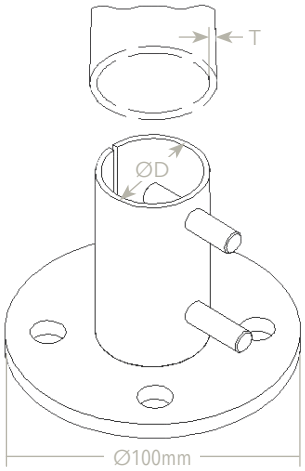
NOTE: ▼ SS316.

ROUND

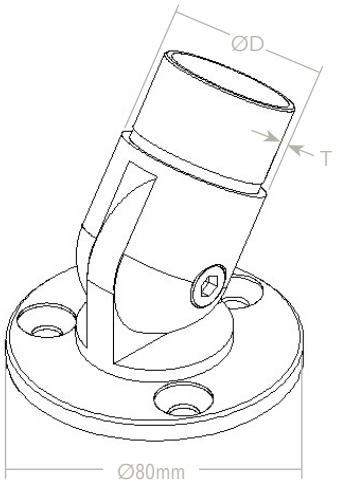
FLANGES & FLEXIBLE MOUNTS



PART #	D (tube)	T (thickness)	d (plate dia)
SSUC0010604S	38.1mm	4.5mm	85mm
SSUC0010304S	42.4mm	4.5mm	85mm
SSUC0010704S	50.8mm	4.5mm	90mm



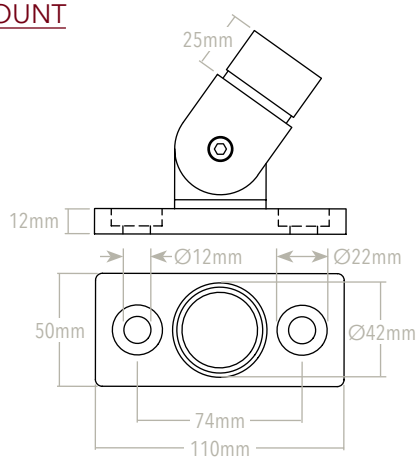
PART #	D (tube)	T (thickness)
SSUC0041604S	38.1mm	1.5mm
SSUC0040304S	42.4mm	2.0mm
SSUC0041704S	50.8mm	1.5mm
SSUC0040704S	50.8mm	2.0mm



PART #	D (tube)	T (thickness)
SSUC8040304S	38.1mm	1.5mm
SSUC8020104S	42.4mm	2.0mm

ROUND

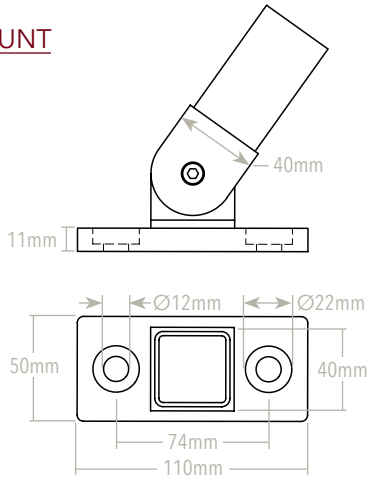
FLEXIBLE STRINGER POST MOUNT



PART #	POST SIZE	T (thickness)
SSFSRND100	42.4mm	2.0mm

SQUARE

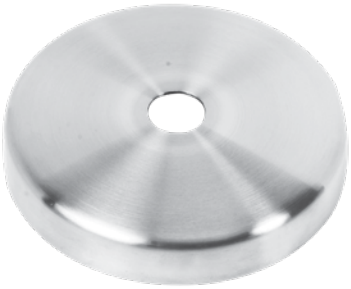
FLEXIBLE STRINGER POST MOUNT

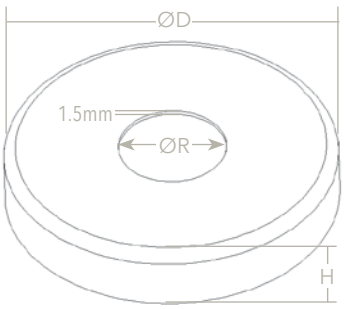


PART #	POST SIZE	T (thickness)
SSFSSQR100	40 x 40mm	2.0mm

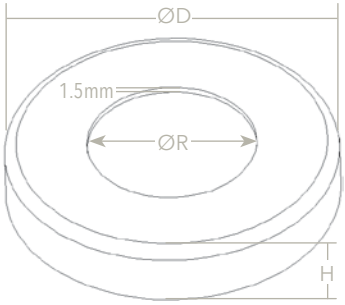
ROUND

PLATE COVERS





PART #	D (plate dia)	R (centre hole)	H (height)
SSPC0600104S	60mm	12mm	12mm
SSPC0760204S	76mm	12mm	12mm

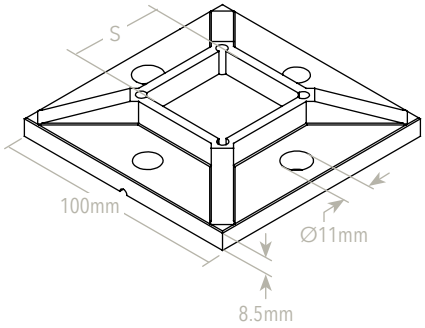


PART #	D (plate dia)	R (tube)	H (height)
SSPC0761304S	76mm	38.1mm	12mm
SSPC0850404S	85mm	38.1mm	16mm
SSPC1051304S	105mm	38.1mm	25mm
SSPC1050204S	105mm	42.4mm	16mm
SSPC1050216S ▼	105mm	42.4mm	16mm
SSPC1050104S	105mm	42.4mm	25mm
SSPC1051404S	105mm	50.8mm	25mm
SSPC1251404S	125mm	50.8mm	25mm

NOTE: ▼ SS316.

SQUARE

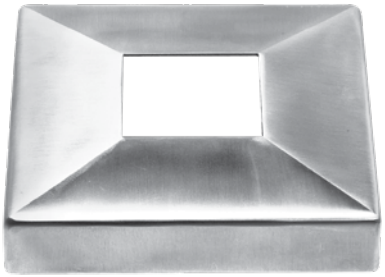
BASE PLATE

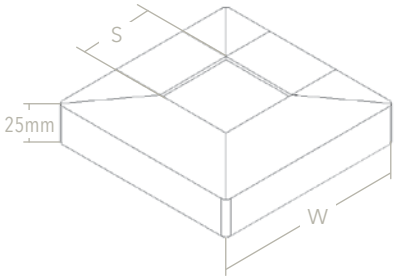


PART #	S (tube)	W (width)
SSZW1000216N ▼	40 x 40mm	100mm
SSZW1005016N ▼	50.8 x 50.8mm	100mm

Cast base plates.

PLATE COVER

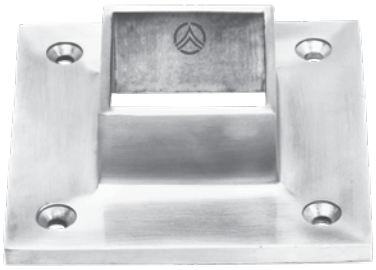


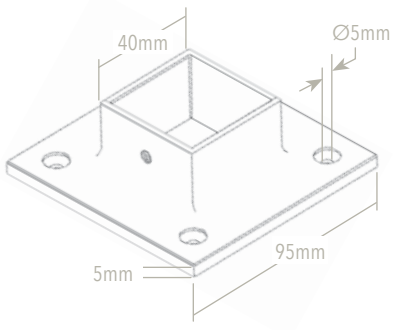


PART #	S (tube)	W (width)
SSZC1054016S ▼	40 x 40mm	105mm
SSZC1085016S ▼	50.8 x 50.8mm	110mm

For use with base plate above.

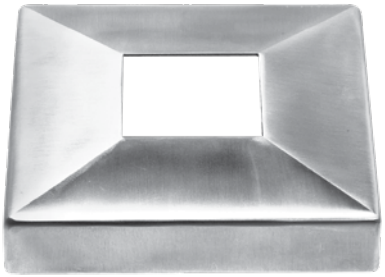
FLANGE

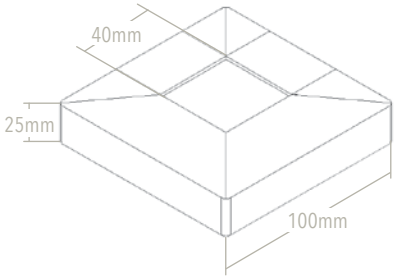




PART #	S (tube)	W (width)
SSZC0404004S	40 x 40mm	95mm

FLANGE COVER





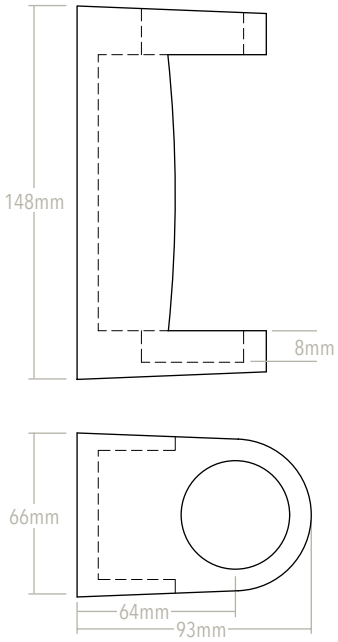
PART #	S (tube)	W (width)
SSZC1004004S	40 x 40mm	100mm

For use with flange above.

NOTE: ▼ SS316.

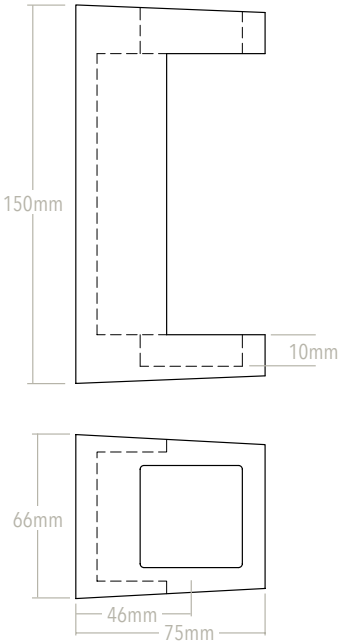
SIDE MOUNT POST BRACKETS

ROUND



PART #	POST SIZE	T (thickness)
SSUC601 ▼	42.4mm	2.0mm

SQUARE



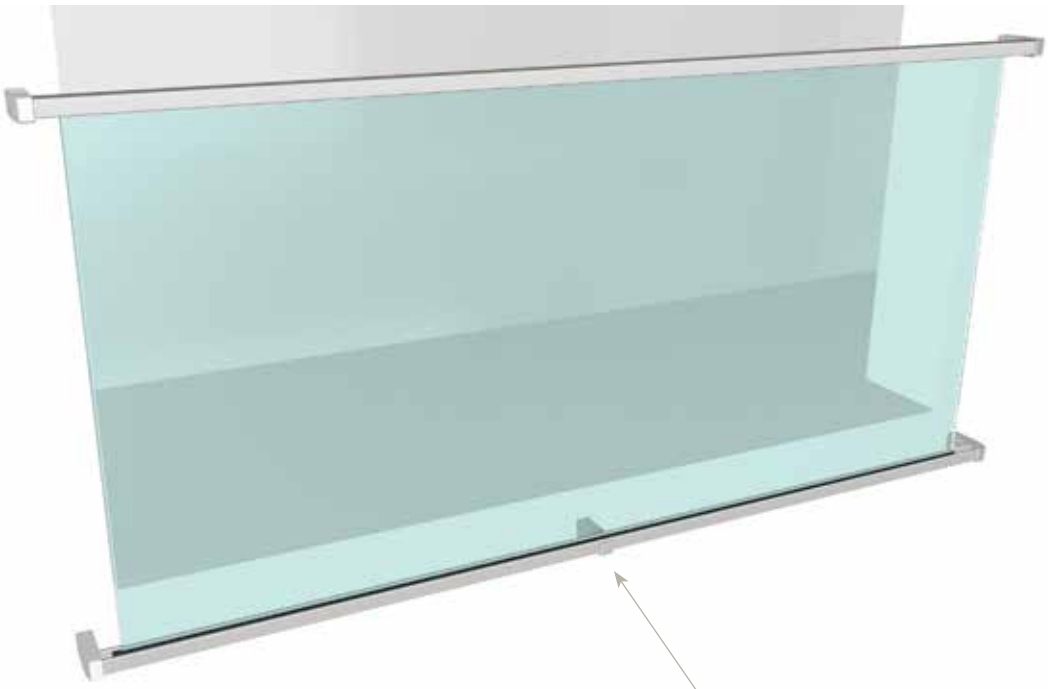
PART #	POST SIZE	T (thickness)
SSUC701 ▼	40 x 40mm	2.0mm

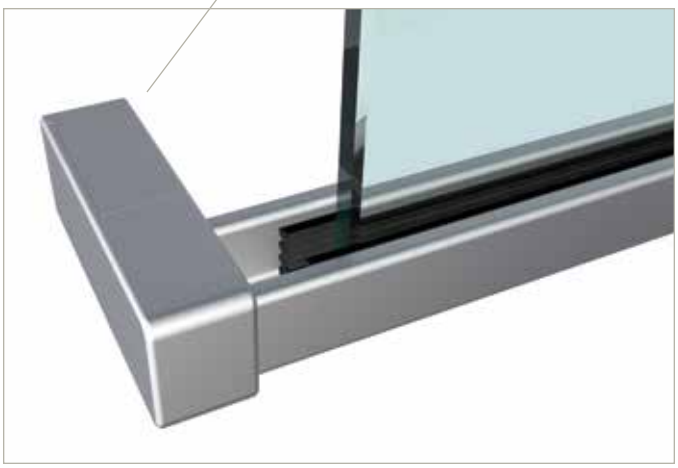
NOTE: ▼ SS316.

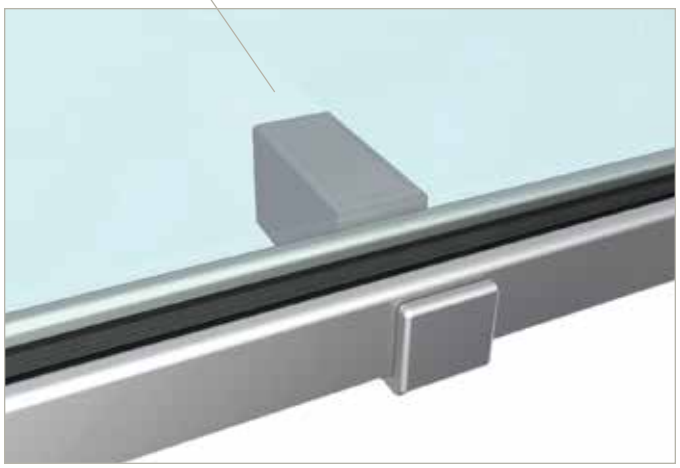
JULIET BALCONY

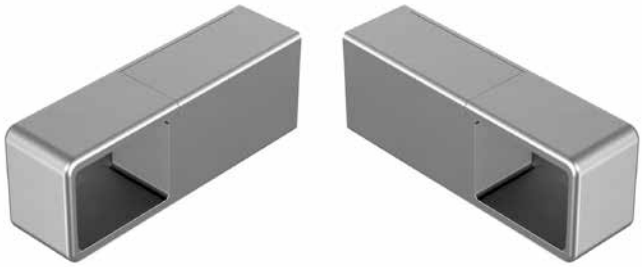
PRODUCT FEATURES

- Recommended for 1/2" glass.
- Distance between center of glass and wall is 80mm.
- The glass does not require holes.
- Minimum visual impact.
- No welding required.
- All products are available in Duplex 2205 in Satin finish.
- Works with our SSUTREC400 channel (see page 96).
- Gaskets for channel sold separately.









PART #
SSJULENDS

PRODUCT FEATURES

- The left end functions as a bracket for the lower left end and upper right end of the balcony system.
- The right end functions as a bracket for the lower right end and upper left end of the balcony system.
- Sold as a set.
- Left and Right as viewed from the outside.

PART #
SSJULCENTER

PRODUCT FEATURES

- Functions as a center support bracket to hold the glass.

PHOTOGRAPH: FORT ROUGE GLASS LTD.

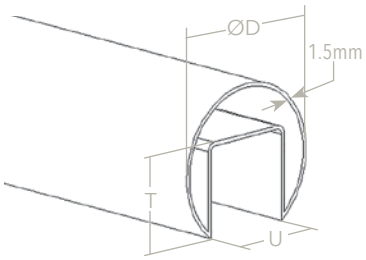
GASKETS

PART #	GLASS SIZE	L (length)
SSUTGASKET1	8-11mm	16 ft
SSUTGASKET2	11.5-13.5mm	16 ft
SSUTGASKET3	16-17.5mm	16 ft
SSUTGASKET4	20-21.5mm	16 ft

These gaskets work with all our cap rails & fittings on pages 94 to 96.

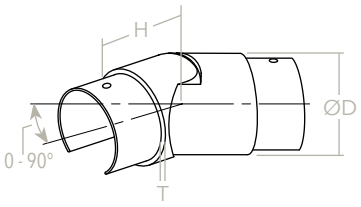
ROUND

CAP RAIL



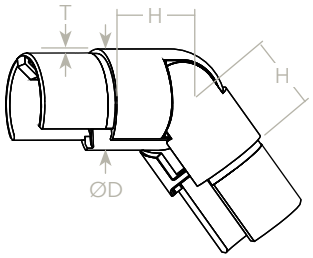
PART #	D (tube)	U (inner width)	T (inner height)	L (length)
SSUTRND4240	42.4mm	24mm	24mm	19 ft

SWIVEL HORIZONTAL ELBOW



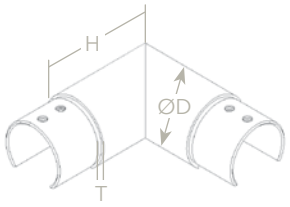
PART #	D (tube)	T (thickness)	H (height)
SSUTRND4241	42.4mm	1.5mm	30mm

SWIVEL VERTICAL ELBOW



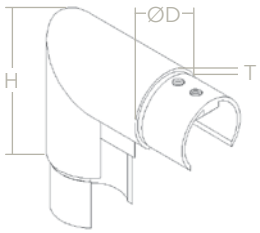
PART #	D (tube)	T (thickness)	H (height)
SSUTRND4242	42.4mm	1.5mm	30mm

HORIZONTAL 90° ELBOW



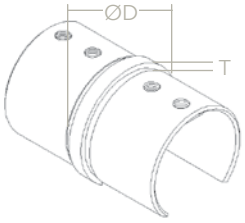
PART #	D (tube)	T (thickness)	H (height)
SSUTRND4243	42.4mm	1.5mm	30mm

VERTICAL 90° ELBOW



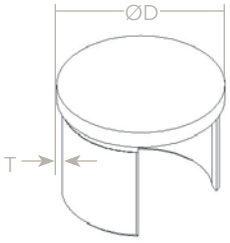
PART #	D (tube)	T (thickness)	H (height)
SSUTRND4244	42.4mm	1.5mm	30mm

STRAIGHT CONNECTOR



PART #	D (tube)	T (thickness)
SSUTRND4245	42.4mm	1.5mm

END CAP

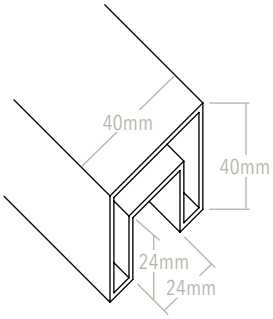


PART #	D (tube)	T (thickness)
SSUTRND4246	42.4mm	1.5mm
SSUTRND4247*	42.4mm	1.5mm

*With center hole.

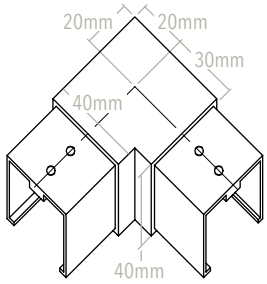
SQUARE

CAP RAIL



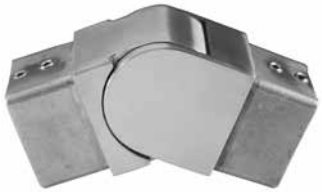
PART #	OUTER DIMENSIONS	INNER DIMENSIONS	L (length)
SSUTSQ040000	40 x 40mm	24 x 24mm	19 ft

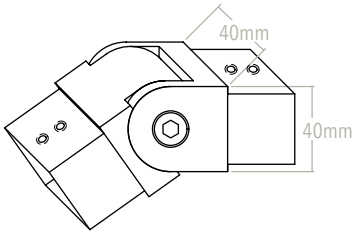
HORIZONTAL 90° ELBOW



PART #	D (tube)	H (height)
SSUTSQ040003	40mm	40mm

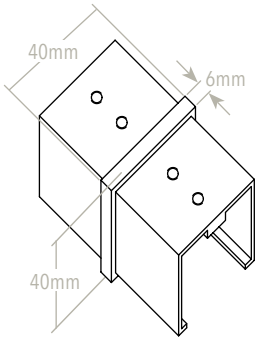
SWIVEL VERTICAL ELBOW





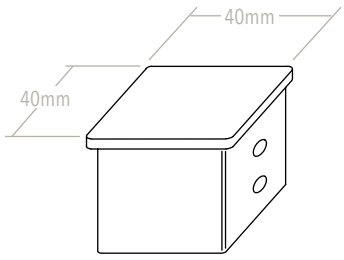
PART #	D (tube)	H (height)
SSUTSQ040004	40mm	40mm

STRAIGHT CONNECTOR



PART #	D (tube)	H (height)
SSUTSQ040002	40mm	40mm

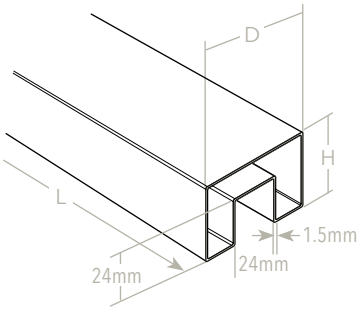
END CAP



PART #	D (tube)	H (height)
SSUTSQ040001	40mm	40mm

RECTANGULAR

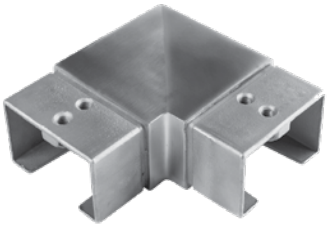
CAP RAIL

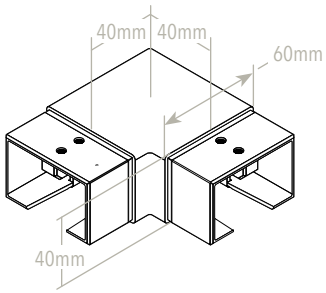


PART #	OUTER DIMENSIONS (D X H)	INNER DIMENSIONS	L (length)
SSUTREC600	60 x 40mm	24 x 24mm	19 ft
SSUTREC400* ▼	40 x 30mm	24 x 24mm	19 ft

*Works with our Juliet Balcony System (see pages 91 to 92).

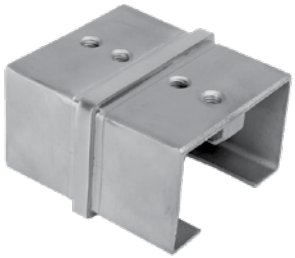
HORIZONTAL 90° ELBOW

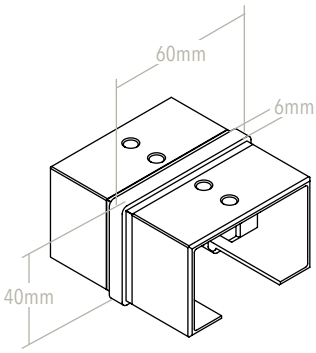




PART #	D (tube)	H (height)
SSUTREC601	60mm	40mm

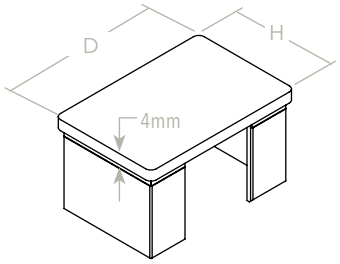
STRAIGHT CONNECTOR





PART #	D (tube)	H (height)
SSUTREC602	60mm	40mm

END CAP



PART #	D (tube)	H (height)
SSUTREC603	60mm	40mm
SSUTREC401*	40mm	30mm

*End cap for SSUTREC400 channel.

NOTE: ▼ SS316.

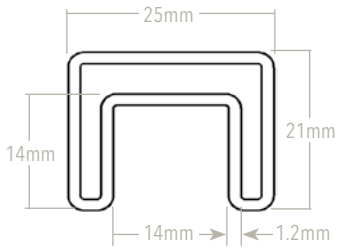
25 x 21mm

NO WELDING INSTALLATION

PART #
SSUTCH100

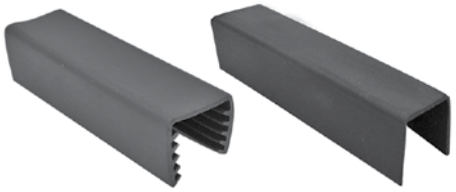
PRODUCT FEATURES

- Stainless steel 316L.
- Satin finish.
- Suitable for **10-12mm** glass.
- 19 ft length; 1.2mm wall thickness.
- Minimum visual impact.
- Gaskets and full range of fittings available (see below).



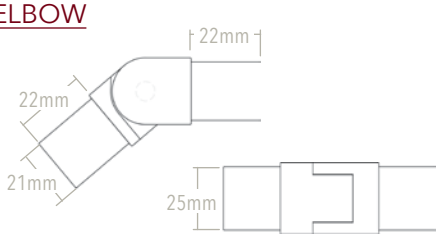
All fittings are Duplex 2205 stainless steel. No welding required using our recommended SSRK-1500 adhesive.

GASKETS



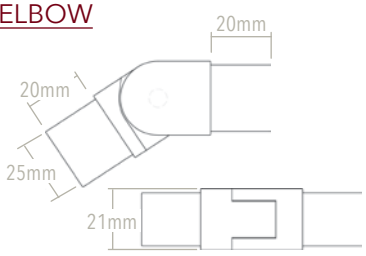
PART #	GLASS SIZE	L (length)
SSUTCH101	10mm	19 ft
SSUTCH102	12mm	19 ft

SWIVEL VERTICAL ELBOW



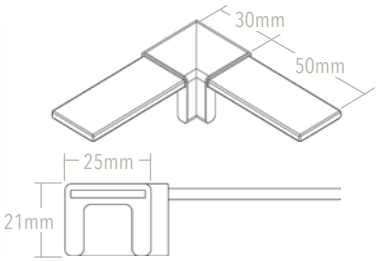
PART #
SSUTCH104

SWIVEL HORIZONTAL ELBOW



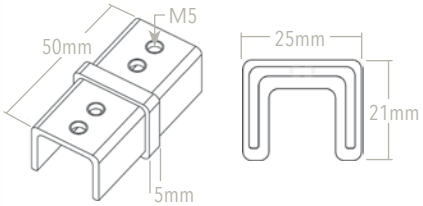
PART #
SSUTCH103

90° ELBOW



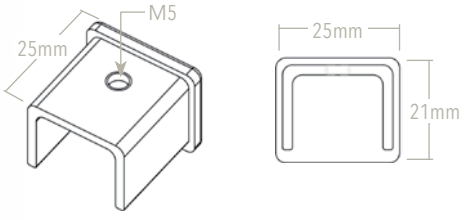
PART #
SSUTCH105

STRAIGHT CONNECTOR



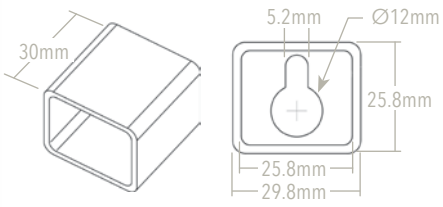
PART #
SSUTCH106

END CAP



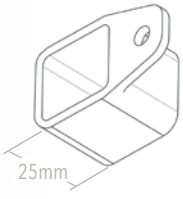
PART #
SSUTCH107

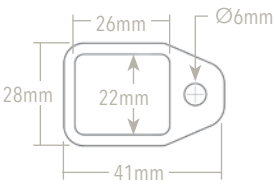
WALL BRACKET



PART #
SSUTCH108 With hole; can be affixed to wall/post

WALL BRACKET

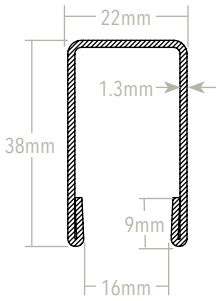




PART #
SSUTCH109 With tab; can be affixed to wall/post

CHANNEL

Suitable for **1/2"** glass only.

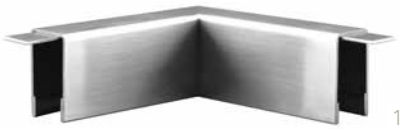


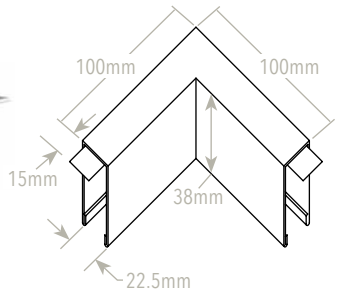
PART #	W (width)	H (height)	L (length)
SSUT0220104S	22mm	38mm	10 ft

GASKET

PART #	L (length)	GLASS SIZE
SSUT02201RBN	10 ft	1/2"

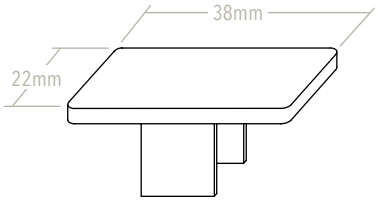
HORIZONTAL 90° ELBOW





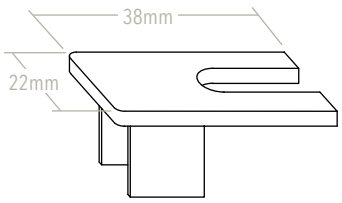
PART #	W (width)	H (height)
SSUT0220107S	22mm	38mm

END CAP

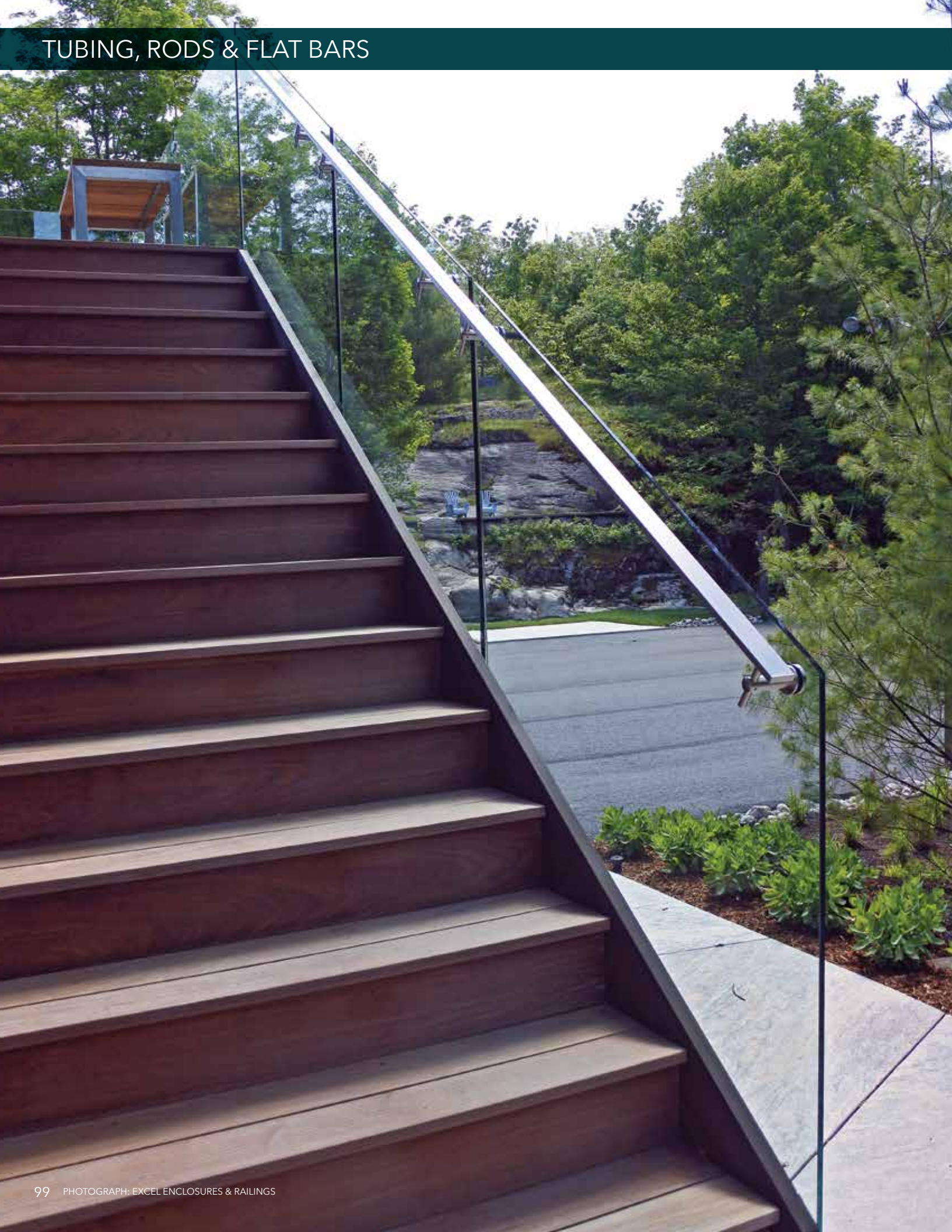


PART #	W (width)	H (height)
SSUT0220105S	22mm	38mm

STABILIZING END CAP

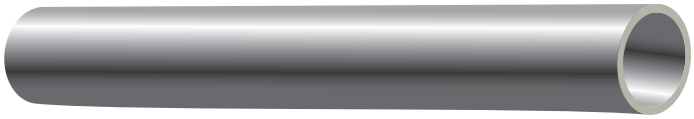


PART #	W (width)	H (height)
SSUT0220106S	22mm	38mm

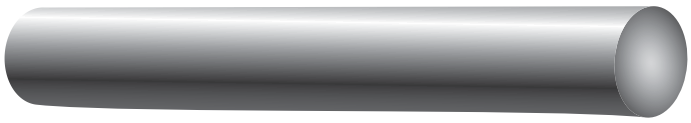


 PHOTOGRAPH: EXCEL ENCLOSURES & RAILINGS

ROUND



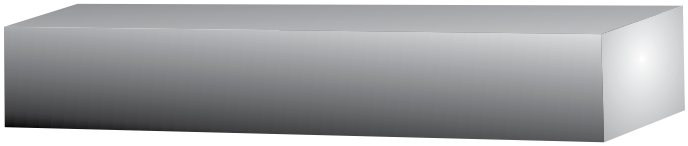
PART #	D (tube OD)	T (thickness)	L (length)	SS (grade)
SST1215304	1/2"	1.5mm	19 ft	304
SST5815304	5/8"	1.5mm	19 ft	304
SST3415304	3/4"	1.5mm	19 ft	304
SST11215304	1 1/2"	1.5mm	19 ft	304
SST1662304	1.66"	2.0mm	19 ft	304
SST1662316	1.66"	2.0mm	19 ft	316
SST215304	2"	1.5mm	19 ft	304



PART #	D (rod OD)	L (length)	SS (grade)
SSROD38304	3/8"	19 ft	304
SSROD716304	7/16"	19 ft	304
SSROD12304	1/2"	19 ft	304
SSROD916304	9/16"	19 ft	304
SSROD58304	5/8"	19 ft	304
SSROD34304	3/4"	19 ft	304

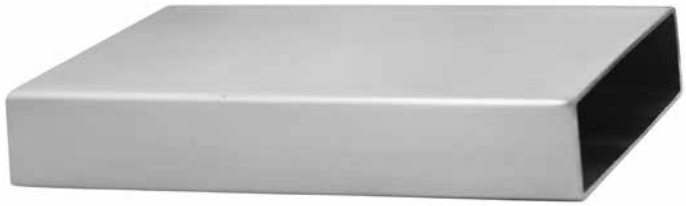
SQUARE

PART #	W (tube OD)	T (thickness)	L (length)	SS (grade)
SSTSQ1215304	1/2"	1.5mm	19 ft	304
SSTSQ5815304	5/8"	1.5mm	19 ft	304
SSTSQ3415304	3/4"	1.5mm	19 ft	304
SSTSQ402304	40mm	2.0mm	19 ft	304
SSTSQ402316	40mm	2.0mm	19 ft	316
SSTSQ22304	2"	2.0mm	19 ft	304



PART #	W (rod OD)	L (length)	SS (grade)
SSRODSQ12304	1/2"	19 ft	304

RECTANGULAR



PART #	W x H (tube OD)	T (thickness)	L (length)	SS (grade)
SSTREC11212	1 1/2" x 1/2"	1.5mm	20 ft	304
SSTREC212	2" x 1/2"	1.5mm	20 ft	304
SSTREC21	2" x 1"	1.5mm	19 ft	304

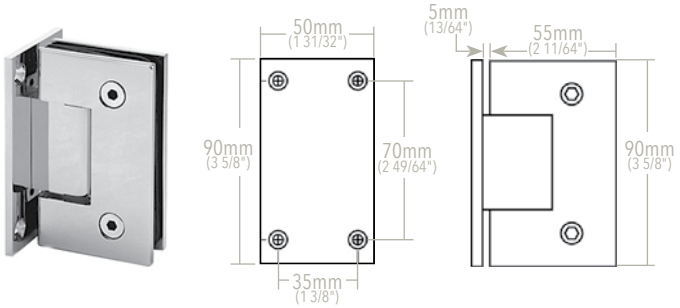
PART #	W x H (flat bar OD)	L (length)	SS (grade)
SSFB114304	1" x 1/4"	19 ft	304
SSFB138304	1" x 3/8"	19 ft	304
SSFB11238304	1 1/2" x 3/8"	19 ft	304
SSFB212304	2" x 1/2"	19 ft	304

NOTE: All tubing, rods, and flat bars come in Satin finish; other sizes available upon request.

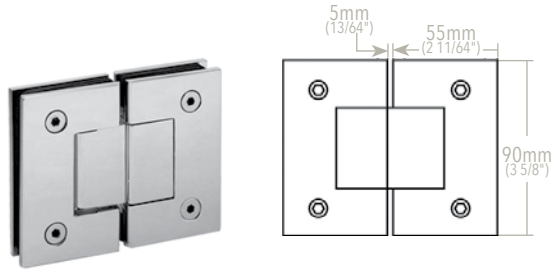
SHOWER HINGES

SERIES 1: Standard

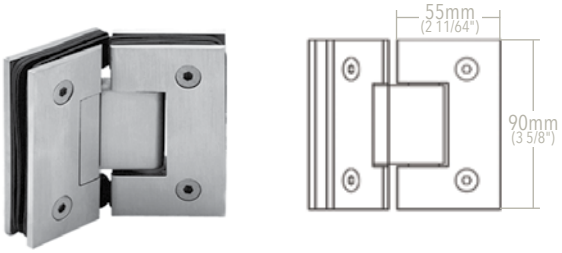
Suitable for 8-10mm glass • Maximum door leaf weight: 45kg/pair.



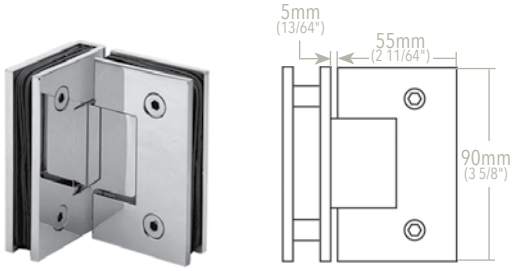
PART #
SSSFHW Glass to Wall



PART #
SSSFH180 Glass to Glass at 180°



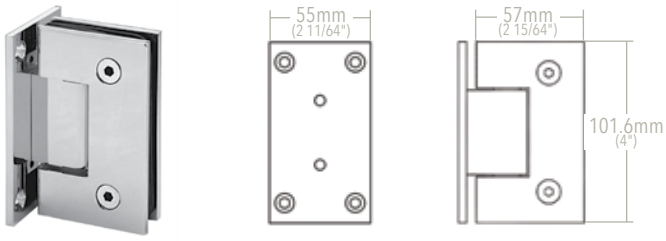
PART #
SSSFH135 Glass to Glass at 135°



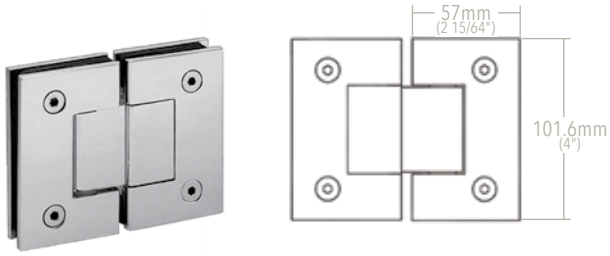
PART #
SSSFH90 Glass to Glass at 90°

SERIES 2: Heavy Duty

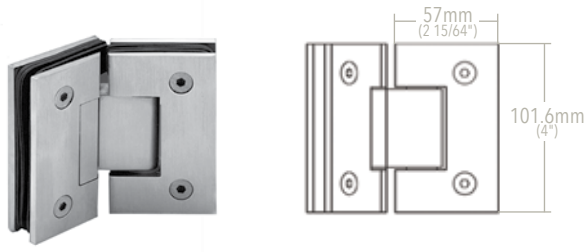
Suitable for 10-12mm glass • Maximum door leaf weight: 50kg/pair.



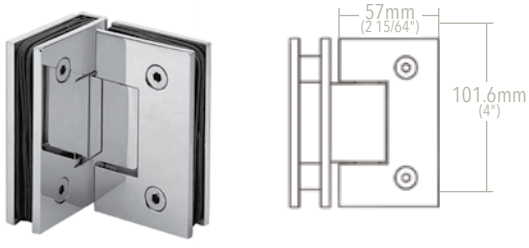
PART #
SSSFHWL Glass to Wall



PART #
SSSFH180L Glass to Glass at 180°



PART #
SSSFH135L Glass to Glass at 135°



PART #
SSSFH90L Glass to Glass at 90°

ALL SHOWER FITTINGS ARE AVAILABLE IN THESE 3 FINISHES

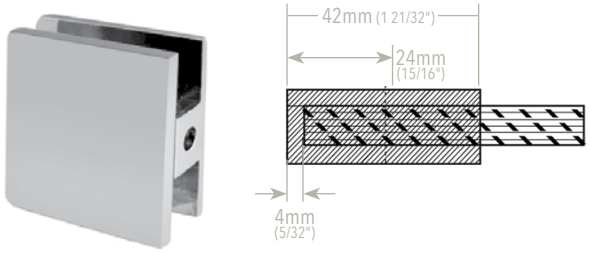
CHROME - **CP**

BRUSHED NICKEL - **BN**

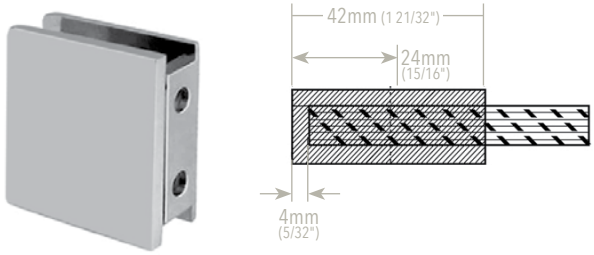
SATIN BLACK - **B**

GLASS CONNECTORS

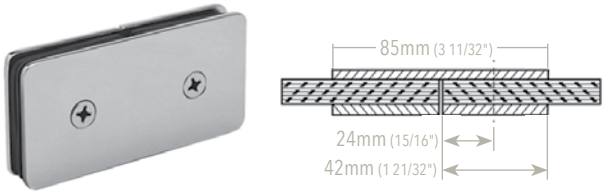
Suitable for 6-12mm glass



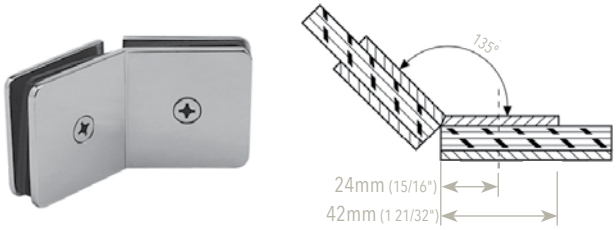
PART #
SSSFGCW1 Glass to Wall (1-Hole)



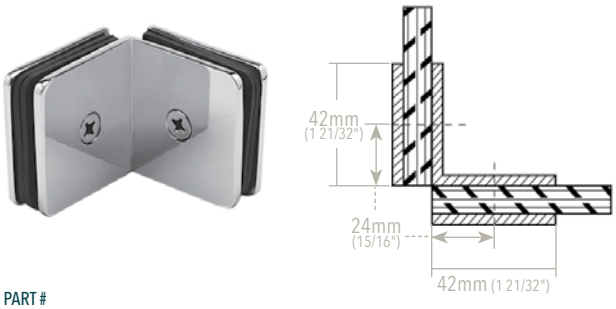
PART #
SSSFGCW2 Glass to Wall (2-Hole)



PART #
SSSFGC180 Glass to Glass at 180°



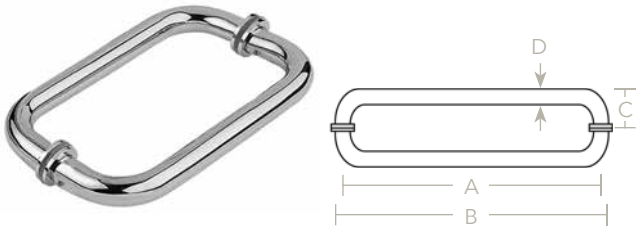
PART #
SSSFGC135 Glass to Glass at 135°

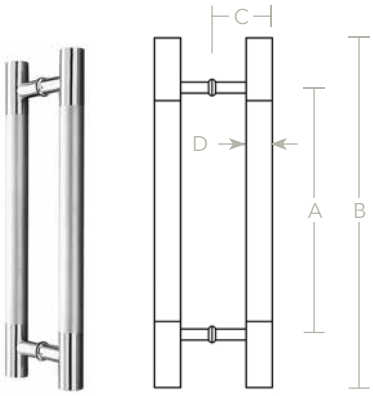


PART #
SSSFGC90 Glass to Glass at 90°

GLASS DOOR HANDLES & DOORKNOBS

Suitable for 6-12mm glass



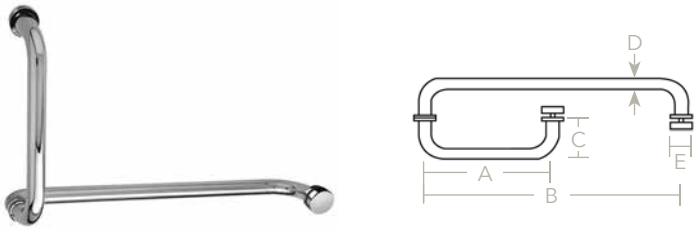


D-TYPE GLASS DOOR HANDLE

PART #	A	B	C	D
SSSFDHD6	6" (152mm)	6 15/16" (176mm)	2 1/2" (62mm)	Ø3/4" (19mm)
SSSFDHD8	8" (203mm)	8 15/16" (227mm)	2 1/2" (62mm)	Ø3/4" (19mm)

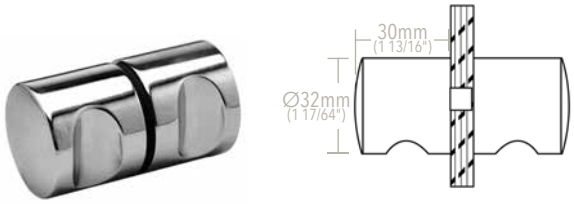
LADDER GLASS DOOR HANDLE

PART #	A	B	C	D
SSSFDHL8	8" (203mm)	12" (305mm)	2 3/8" (60mm)	Ø3/4" (19mm)
SSSFDHL12	12" (305mm)	18" (457mm)	2 3/8" (60mm)	Ø3/4" (19mm)
SSSFDHL18	18" (457mm)	24" (610mm)	2 3/8" (60mm)	Ø3/4" (19mm)



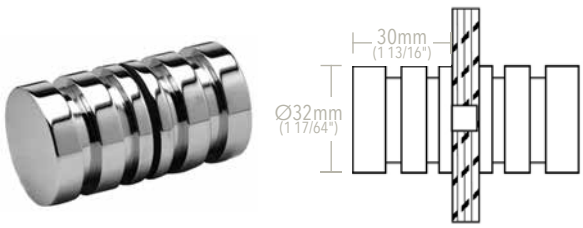
DUAL FUNCTION HANDLE TOWEL BAR

PART #	A	B	C	D	E
SSSFTB6X18	6" (152mm)	18" (457mm)	2 1/2" (62mm)	Ø3/4" (19mm)	Ø1 3/16" (30mm)



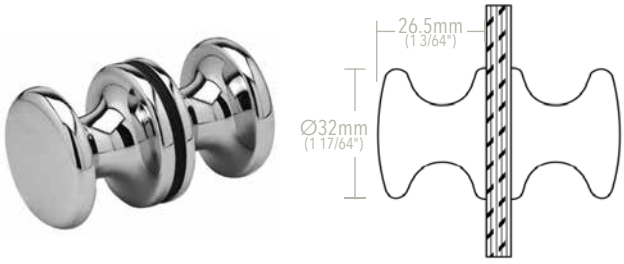
MODERN GLASS DOORKNOB

PART #
SSSFDK1



GROOVED GLASS DOORKNOB

PART #
SSSFDK2

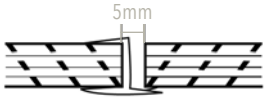


TRADITIONAL GLASS DOORKNOB

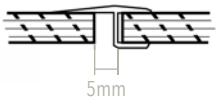
PART #
SSSFDK3

SEALING STRIPS

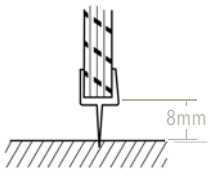
Suitable for 6-12mm glass • L = 98"



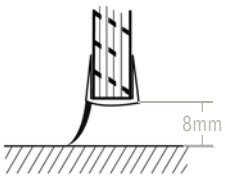
PART #
SSSFSS1 Glass to Glass at 180°



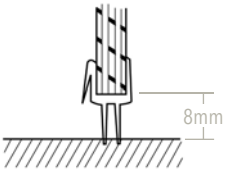
PART #
SSSFSS2 Glass to Glass at 180°



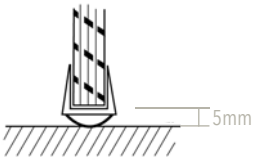
PART #
SSSFSS3 Glass to Floor



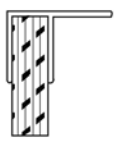
PART #
SSSFSS4 Glass to Floor



PART #
SSSFSS5 Glass to Floor

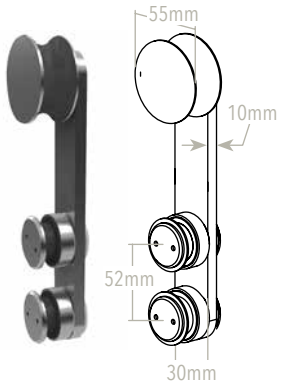


PART #
SSSFSS6 Glass to Floor



PART #
SSSFSS7 Glass to Floor

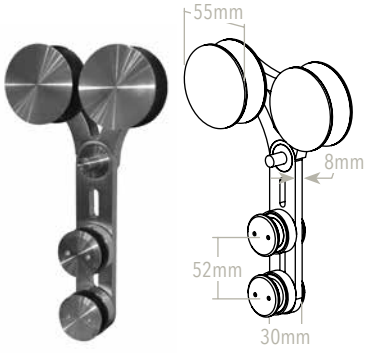
ROLLER KITS - SS304 Satin finish. Designed for fixing track with wall.



SINGLE ROLLER KITS

SSDS1010104S

- Holds up to 120kg (265 lbs.).
- Glass hole size Ø27mm.
- 2 per kit.

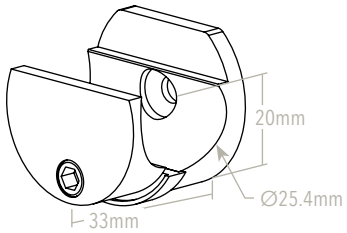


DOUBLE ROLLER KITS

SSDS1020104S

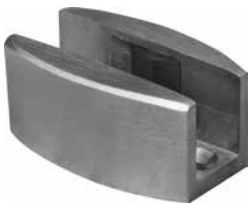
- Holds up to 200kg (441 lbs.).
- Glass hole size Ø27mm.
- 2 per kit.

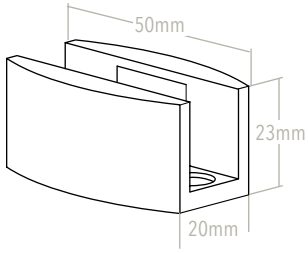
ACCESSORIES - Included in either single or double roller kits above.



TRACK CONNECTOR

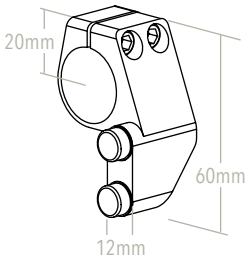
- 4 per kit





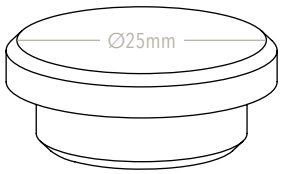
FLOOR GUIDE

- 1 per kit



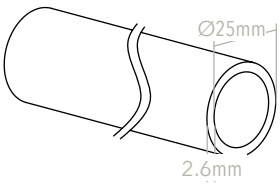
STOPPER

- 2 per kit (1 left + 1 right)



END CAP

- 2 per kit



TOP RAIL

	DIAMETER	THICKNESS	LENGTH
SSDS1030104S	25mm	2.6	8 ft

THIS ITEM IS NOT INCLUDED IN KITS ABOVE. SOLD SEPARATELY.

FASTENERS

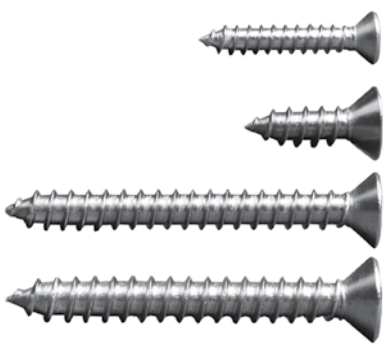
SELF-TAPPING

PART #	DESCRIPTION	USES
SSPH12X34	#12 x 3/4"	Saddle plates to metal handrail.

MACHINE SCREWS

PART #	DESCRIPTION	USES
SSM612	M6 x 12mm Flathead SS	Saddle plates into tube supports & handrail brackets; rod holders into post.
SSM625	M6 x 25mm Flathead SS	Saddle plates into tube supports & handrail brackets; rod holders into post.
SSM812	M8 x 12mm Flathead SS	Back plate of wall bracket to elbow.
SSM816	M8 x 16mm Flathead SS	Back plate of wall bracket to elbow.
SSM825	M8 x 20mm Panhead SS	Glass clips into post.

WOOD SCREWS



PART #	DESCRIPTION	USES
SSFL8X1	#8 x 1"	Saddle plates into wood handrail.
SSFL12X34	#12 x 3/4"	Saddle plates into wood handrail.
SSFL12X2	#12 x 2"	Wall brackets into wall (wood).
SSFL14X2	#14 x 2"	Wall brackets into wall (wood).

HANGER BOLTS

PART #	DESCRIPTION	USES
HBM840	M8 x 40mm SS	Standoffs into wood (1 1/4" dia.); wall brackets w/ solid plate.
HBM850	M8 x 50mm SS	Standoffs into wood (1 1/4" dia.); wall brackets w/ solid plate.
HBM880	M8 x 80mm SS	Standoffs into wood (1 1/4" dia.); wall brackets w/ solid plate.
HBM8100	M8 x 100mm SS	Standoffs into wood (1 1/4" dia.); wall brackets w/ solid plate.
HBM1050	M10 x 50mm SS	Standoffs into wood (1 1/2" & 2" dia.).
HBM1080	M10 x 80mm SS	Standoffs into wood (1 1/2" & 2" dia.).
HBM10100	M10 x 100mm SS	Standoffs into wood (1 1/2" & 2" dia.).
HBM12120	M12 x 120mm SS	Standoffs into wood (2" diameter M12 caps).

HB12312	1/2" x 3 1/2" Zinc	Adjustable standoffs into wood.
HB124SS	1/2" x 4" SS	Adjustable standoffs into wood.
HB125	1/2" x 5" Zinc	Adjustable standoffs into wood.
HB125SS	1/2" x 5" SS	Adjustable standoffs into wood.

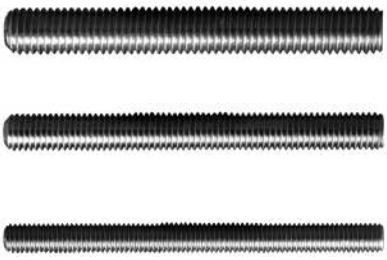
LAG BOLTS (FOR WOOD)

PART #	DESCRIPTION	USES
LAG383	3/8" x 3" Zinc	Posts & mini posts into wood.
LAG383SS	3/8" x 3" SS	Posts & mini posts into wood.
LAG384	3/8" x 4" Zinc	Posts & mini posts into wood.
LAG384SS	3/8" x 4" SS	Posts & mini posts into wood.
LAG385	3/8" x 5" Zinc	Posts & mini posts into wood.
LAG385SS	3/8" x 5" SS	Posts & mini posts into wood.
LAG123SS	1/2" x 3" SS	Side / edge mount spigots & Side mount base shoe into wood.
LAG124SS	1/2" x 4" SS	Side / edge mount spigots & Side mount base shoe into wood.
LAG125SS	1/2" x 5" SS	Top mount adjustable spigots & Top mount base shoe into wood.

WEDGE ANCHORS (FOR CONCRETE)

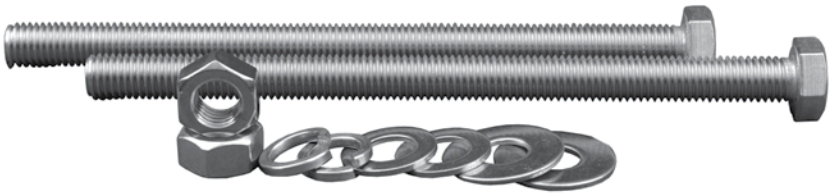
PART #	DESCRIPTION	USES
ISS383	3/8" x 3"	Posts into concrete.
ISS38334	3/8" x 3 3/4"	Posts into concrete.

THREADED RODS



PART #	DESCRIPTION	USES
SSM660SET	M6 x 60mm	
SSM680SET	M6 x 80mm	
SSM6100SET	M6 x 100mm	
SSM860SET	M8 x 60mm	1 1/4" dia. standoffs into metal or concrete.
SSM880SET	M8 x 80mm	1 1/4" dia. standoffs into metal or concrete.
SSM8100SET	M8 x 100mm	1 1/4" dia. standoffs into metal or concrete.
SSM1060SET	M10 x 60mm	1 1/2" & 2" dia. standoffs into metal or concrete.
SSM1080SET	M10 x 80mm	1 1/2" & 2" dia. standoffs into metal or concrete.
SSM10100SET	M10 x 100mm	1 1/2" & 2" dia. standoffs into metal or concrete.
SSM8ROD	M8 x 1 metre	
SSM10ROD	M10 x 1 metre	
SSM12ROD	M12 x 1 metre	

BOLT KIT

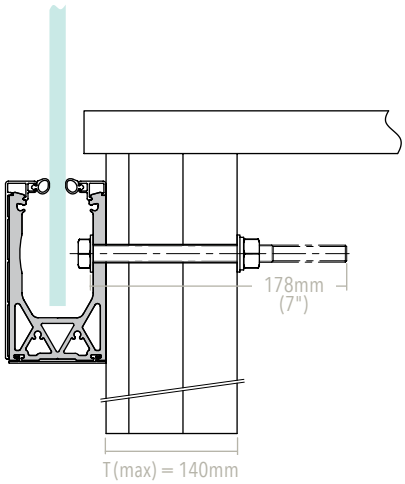


PART #
SSSPIGOTBOLT

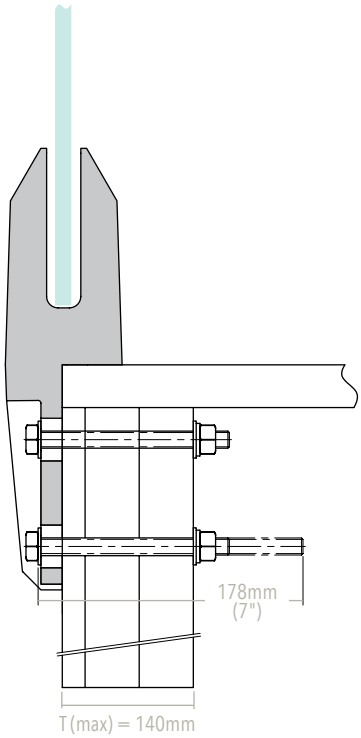
Bolt Kit to be used with Side Mount Base Shoe and Edge Mount Spigots.

Includes 2 pcs. of each of the following items in SS304:

- M12 Machine Bolt, Hex Cap, 178mm length, fully threaded.
- M12 Nut.
- M12 Flat Washer.
- M12 Plate Washer.
- M12 Lock Washer.



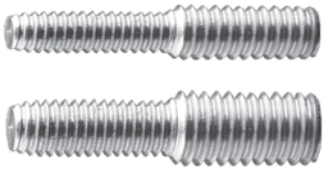
SIDE MOUNT BASE SHOE



EDGE MOUNT SPIGOT

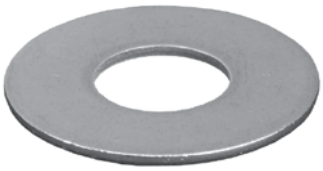
NOTE: Bolt Kit can be used to install base shoes and spigots on wood and metal substrates by a maximum of 140mm (5 1/2") thickness.

REDUCER SCREWS



PART #	DESCRIPTION	USES
SSFPM6TOM8	M6 to M8	Connecting M6 hole to M8 hole.
SSFPM8TOM10	M8 to M10	Connecting M8 hole to M10 hole.

WASHERS



PART #	DESCRIPTION	SOLD
WASHER38SS	3/8" Flat SS	50/box
WASHER12SS	1/2" Flat SS	50/box

DRILL BITS & TAPS

STUB DRILL - DRILL PRESS

PART #	SIZE	APPLICATIONS
134-648	11/64" for SSPH12X34	Stainless Steel / Steel
134-656	5.0mm M6 x 1	Stainless Steel / Steel
134-679	6.8mm M8 x 1.25	Stainless Steel / Steel
134-416	8.5mm M10 x 1.5	Stainless Steel / Steel
134-700	8.5mm M10 x 1.5	Stainless Steel / Steel
128346	#7 0.2010 (use with TAP1/4-20-3)	Steel

JOBBER DRILL - HAND TOOL

PART #	SIZE	APPLICATIONS
133-993	#7 for 1/4-20 TAP (also for DRILL PRESS)	Stainless Steel / Steel
134-502	13/64" for 1/4" TAP	Stainless Steel / Steel
134-517	1/4"	Stainless Steel / Steel

JOBBER DRILL - DRILL PRESS

PART #	SIZE	APPLICATIONS
128136	#7 0.2010 (use with TAP1/4-20-3)	Steel
144-110	6.8mm for M8	Steel
118-011	7/32" HSS & Cobalt general purpose drill bit (use with TAP1/4-20-3)	Steel

TAPS - DRILL PRESS

PART #	SIZE	APPLICATIONS
123-116	HAND TAP 1/4 - 20	Stainless Steel / Steel
123-498	HAND TAP 4 FLUTE M6 x 1	Stainless Steel / Steel
123-499	HAND TAP 4 FLUTE M8 x 1.25	Stainless Steel / Steel
123-500	HAND TAP 4 FLUTE M10 x 1.25	Stainless Steel / Steel
124-675	HSS ROLL FORM TAP 1/4 - 20	Stainless Steel / Steel
124-765	HSS ROLL FORM TAP M6 x 1	Stainless Steel / Steel
124-770	HSS ROLL FORM TAP M8 x 1.25	Stainless Steel / Steel
TAP1/4-20-3	HSSE-V3 SPIRAL FLUTE TAP 1/4 - 20 x 3	Steel

TOOLS & HARDWARE

WRENCH / SPANNERS

PART #	APPLICATIONS
SSWRENCH1	Wrench for any M12 or 3/4" fasteners (hex nut and bolt); can be used with our Tilt-Lock™ base shoe railing systems (pages 3 to 5) or side mount spigot (page 21).
SSSPANNER4	Spanner for 22-35mm standoffs.
SSSPANNER3	Spanner for 35-60mm standoffs.

HINGE

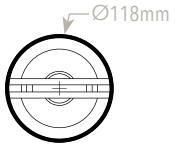
PART #	SIZE	DESCRIPTION
SSHINGE101	4" x 3" x 2.5mm thick 8 holes.	Hardware included. Sold in pairs.

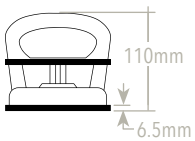
GLASS LIFTERS

PRODUCT FEATURES

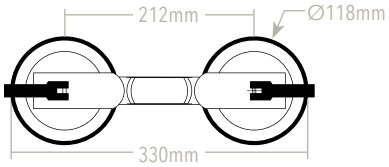
- Heavy-duty design.
- High performance suction.
- Reduces strain on your back.
- Great for lifting and transporting flat, smooth, clean, non-porous surfaces such as glass, windows, mirrors, cabinets, countertops, granite, marble, laminate, and more.
- Two hand grips clasped together for the Single, and two and three flip-down tabs for the Double and Triple respectively, tighten the suction cup to the surface and locks it in place. Always test to make sure that good suction is achieved before lifting.

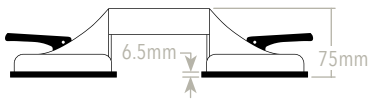
PART #
SSLIFTSINGLE
Single Suction Cup
25kg (55 lbs.)



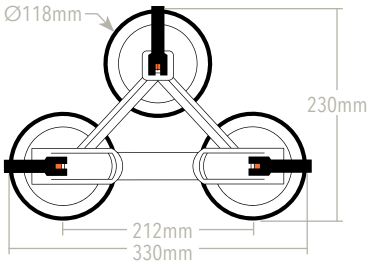


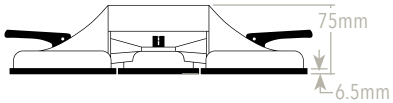
PART #
SSLIFTDOUBLE
Double Suction Cup
80kg (176 lbs.)





PART #
SSLIFTTRIPLE
Triple Suction Cup
130kg (287 lbs.)





ADHESIVES, SPRAYS & CLEANERS

DEMO VIDEO

PART #
SSRK-1500
Adhesive
60g

PART #
SSVA100
Multi-Purpose Adhesive
30g

PART #
3MASB7447B
Scotch-Brite Pad
Sold 5/pack

PART #
SSCLEANER
Cleaner Spray
500mL

PART #
SSCARESPRAY
Care Spray
400mL

PART #
SSSPRAYPAINT
Stainless Steel Spray Paint
500mL

EVERBRITE™

EVERBRITE PROTECTIVE COATING

- Has more UV blockers and anti-oxidants in it than ProtectaClear.
- One-part coating; no mixing, no waste.
- Has UV protection to protect painted metals from fading and chalking on **painted or exterior metal**.
- Remains flexible; will not crack, chip, or peel when garage doors roll up and down.
- Protects from fading and oxidation; has additional UV protection to protect exterior metal from tarnishing.
- Will seal rusted metal: bronze sculptures, architectural metal, or other metal.
- Will not yellow; remains crystal clear.
- Self-levelling: application marks level out.
- Excellent adhesion on metal, even polished metals.
- Self-annealing: will blend to itself so repairs are easy.
- Will last 4-5 years if cleaned properly and 2 coats applied.

EVERBRITE USES

- Painted Metals: Metal Sidings, Storage Doors, Metal Roofs, Garage Doors, and Gutters.
- Metal Buildings: Sheds and more.
- Garage Doors or Storage Roll-up Doors.
- Copper Gutters.
- Copper Roofs.
- Cupolas.
- Finials.
- Weathervanes.
- Fiberglass.
- COR-TEN® Metals (Rusty).
- Interior Metals: Brass, Copper, Bronze, and Zinc.

PART #	DESCRIPTION	COVERAGE (sq. ft.)
SSEVEVER1	4oz. can	25

PART #	DESCRIPTION	COVERAGE (sq. ft.)
SSEVEVER2	Pint can	125
SSEVEVER3	Quart can	250
SSEVEVER4	Gallon can	1,000

PART #	DESCRIPTION	COVERAGE (sq. ft.)
SSEVEVER6	12oz. aerosol can	60

Contact us for additional sizes.

PROTECTACLEAR™ An Everbrite Coating

PROTECTACLEAR

- Is thinner, tougher than Everbrite Protective Coating; solvent-based.
- Designed for use on **unpainted metal**.
- One-part coating; no mixing, no waste.
- Has excellent salt and chlorine resistance and superior adhesion to **stainless steel and polished metal**.
- Has extra salt protection for marine applications or coastal environments or metal around pools.
- Is more scratch-resistant than Everbrite Protective Coating.
- Remains flexible; will not crack, chip, or peel.
- Will not yellow; remains crystal clear.
- Self-levelling: application marks level out.
- Excellent adhesion on metal, even polished metals.
- Safe for use on jewellery or in kitchens. Food safe after cured.
- Self-annealing: will blend to itself so repairs are easy.

PROTECTACLEAR USES

- Unpainted Metals: Railings, Doorknobs, or Kickplates.
- Unpainted Metals (Marine): Stainless Steel, Brass, Copper, etc.
- Jewellery: Copper, Brass, Silver, Plated Metals, and more.
- Stainless Steel or other metals around pools; e.g., sculptures.
- Engine: Motorcycle Parts, Wheels, and any Boat.
- Interior Metals: Brass, Copper, Bronze, and Zinc.

DEMO VIDEO

PART #	DESCRIPTION	COVERAGE (sq. ft.)
SSEVPROTECT1	4oz. can	25

PART #	DESCRIPTION	COVERAGE (sq. ft.)
SSEVPROTECT2	Pint can	125
SSEVPROTECT3	Quart can	250
SSEVPROTECT4	Gallon can	1,000

PART #	DESCRIPTION	COVERAGE (sq. ft.)
SSEVPROTECT5	6oz. aerosol can	30
SSEVPROTECT6	12oz. aerosol can	60

Contact us for additional sizes.

STAINLESS STEEL CLEANING

PART #
SSEVSSKIT1
4oz.

PART #
SSEVSSKIT2
Pint

ADDITIONAL EVERBRITE CLEANING PRODUCTS

PART # **SSEVACC1** DESCRIPTION 4oz.

PART # **SSEVACC2** DESCRIPTION 16oz.

PART # **SSEVACC3** DESCRIPTION 2oz.
SSEVACC4 4oz.

PART # **SSEVACC5** DESCRIPTION 8oz.

EZ PREP CLEANER & NEUTRALIZER (**SSEVACC1** - 4 oz. Bottle)

- Highly concentrated, biodegradable, free-rinsing cleaner and neutralizer; emulsifies.
- Does NOT remove tarnish or rust from Copper, Brass, Stainless Steel, or other Metal.
- Works exceptionally well for cleaning chalky oxidation on Metal Siding, Storage Doors, or other Painted Metal.

HD COPPER CLEANING GEL (**SSEVACC2** - 16 oz. Jar)

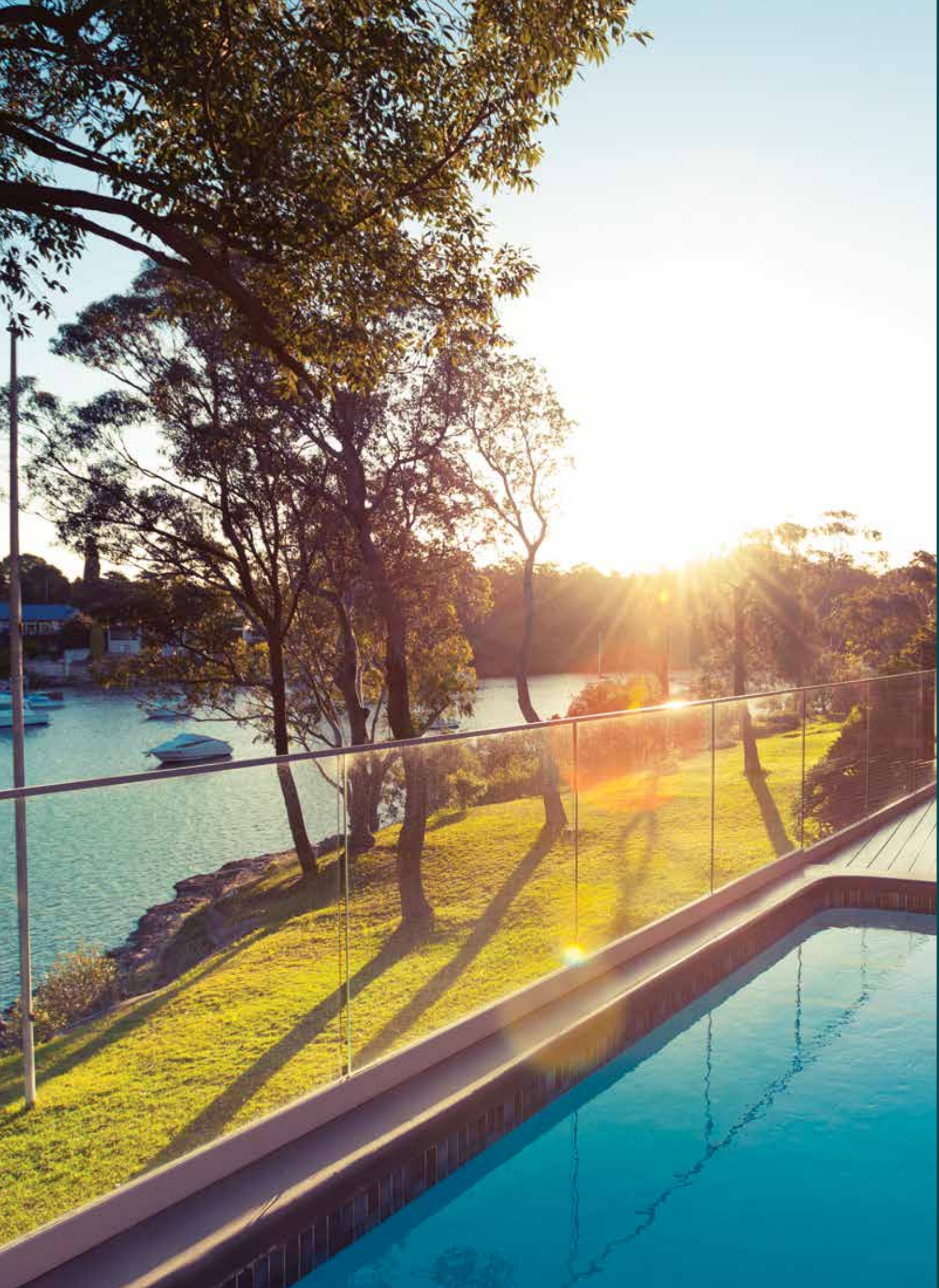
- Environmentally friendly, heavy-duty Copper Cleaner. Unique solution blended specifically to remove tarnish and oxides from Copper-based Metals.
- Use on Copper Roofs (will cling), Gutters, Hoods, Fireplaces, and other Copper that is difficult to clean.

MAAS METAL POLISHING CREAM (**SSEVACC3** - 2 oz. Tube or **SSEVACC4** - 4 oz. Tube)

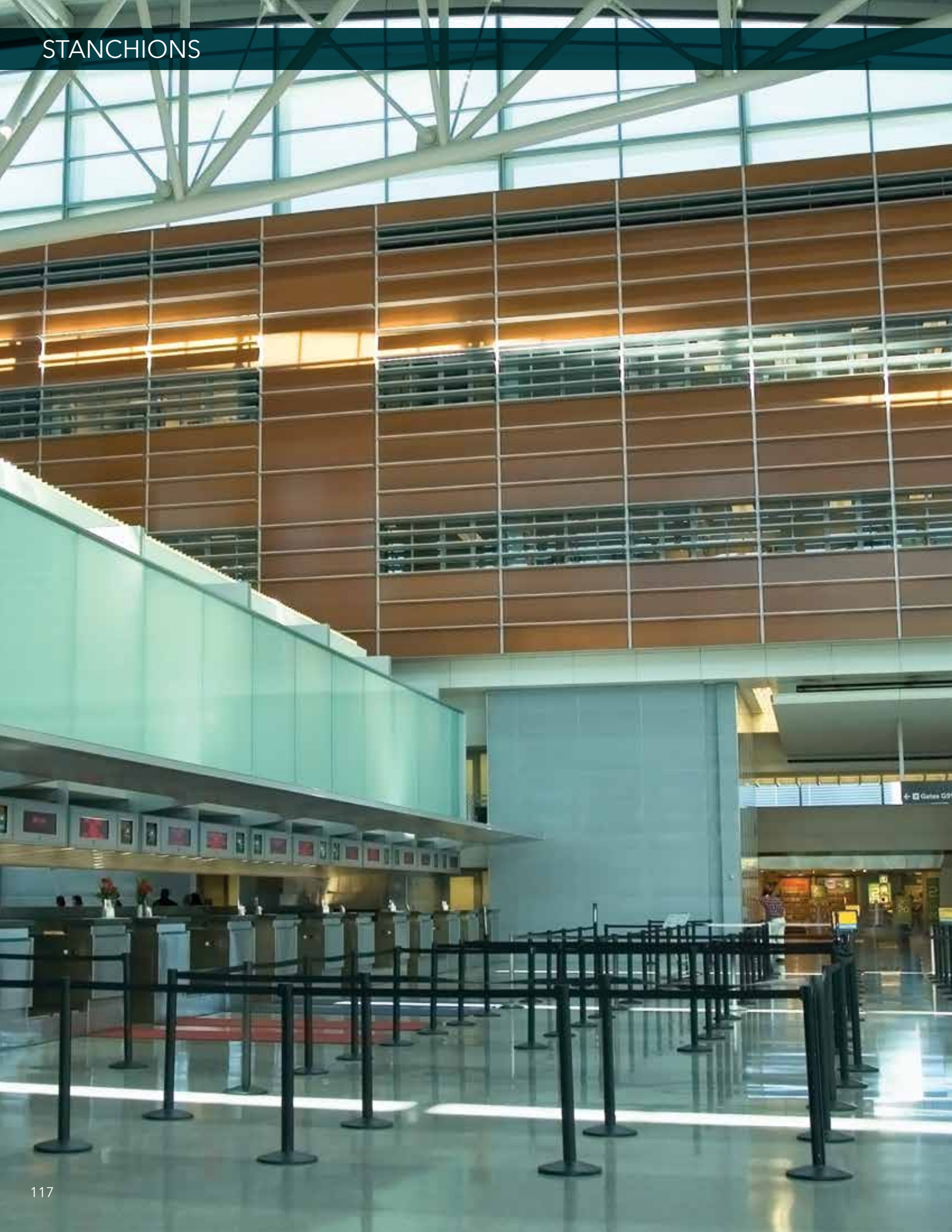
- Concentrated MAAS polishing cream contains a powerful wipe-on, wipe-off formula that instantly removes years of residue, rust, and oxidation from all metals and more. Just a dab polishes large areas.
- Fast - Easy - Handles the toughest jobs, yet gentle enough for delicate antiques.
- Does NOT contain any acid, so there is NO neutralizing necessary before coating with ProtectaClear.

STAINLESS STEEL RUST REMOVER (**SSEVACC5** - 8 oz. Bottle)

- Non-abrasive cleaner for cleaning Stainless Steel to remove rust, tea-staining, and iron deposits.
- FREE of Oxalic Acid - uses new technology. Very quick and effective.
- Thickly foams, so it clings - easy to use. Easily applied by brush or spray.
- Stays wet for a long time. Leaves surfaces clean, streak-free, and shiny.
- Effective in hard or soft water. Does not form white deposit with hard water.



STANCHIONS



RETRACTABLE BELT STANCHIONS

ATTRIBUTES

4-WAY ADAPTER
Allows attachment of belts from any direction.

NYLON BELT
48mm width; available in black.

HIGH QUALITY STRONG POST
Available in Stainless Steel and Black Powder Coated Finish.

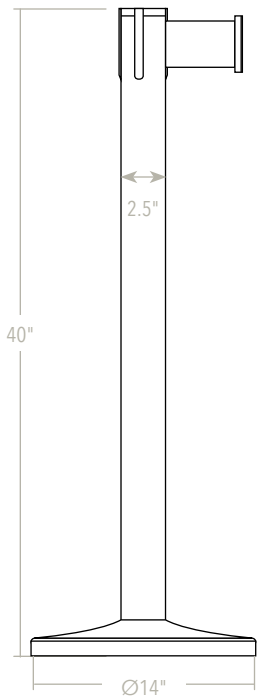
RUBBER PROTECTION
Rubberized protection to prevent floor scratches.

SOLID AND STABLE BASE
Solid base provides greater stability and helps prevent tipping.

MODELS

PART #
SSSTAND100
Stainless Steel
Mirror Finish
Cast Iron Base Filling

PART #
SSSTAND200
Steel
Black Powder Coated
Cement Filled Base Filling



FEATURES

- Cone base shape.
- 4-way connection.
- Belt length 80".
- Without braking system cassette type.

BASE FILLING FEATURES

CAST IRON BASE FILL	CEMENT BASE FILL
APPLICATIONS Heavy traffic areas such as airports, casinos, venues, etc.	APPLICATIONS Lower traffic areas such as banks, hotel lobbies, etc.
PROS Highly durable and stable.	PROS Lower price than cast iron filled base.
CONS Higher initial cost than cement filled base.	CONS Cement can crack over time.
LIFE EXPECTANCY 10 - 20 years	LIFE EXPECTANCY 3 - 5 years

FEIN PIPE POLISHER PROFESSIONAL SET
RS12-70E

Includes:
- 1 Pipe Polisher RS12-70E
- 1 Metal Carrying Case
- 10 Sanding Belts 20 x 815mm - Grit 120
- 10 Sanding Belts 20 x 815mm - Grit 180
- 10 Sanding Belts 40 x 815mm - Grit 120
- 10 Sanding Belts 40 x 815mm - Grit 180
- 5 Fleece Belts 20 x 815mm - Grit 280

TECHNICAL SPECIFICATIONS	
PART # RS12-70E	
Power Consumption	1,200 W
Power Output	750 W
No Load Speed	2,700 - 7,000 RPM
Belt Speed	72 ft./s
Minimum Wall Clearance	2"
Pipe Diameter	5/16" - 3 1/8"
Cord Length	13 ft.
Weight (EPTA)	8.3 lbs.

DEMO VIDEOS

FEIN 5" COMPACT ANGLE GRINDER
WSG11-125RT

Includes:
- 1 Guard
- 1 Pair of Flanges
- 1 Handle
- 1 Wrench

TECHNICAL SPECIFICATIONS	
PART # WSG11-125RT	
Power Consumption	1,100 W
Power Output	700 W
No Load Speed	11,000 RPM
Mounting Thread	5/8" - 11"
Grinding Wheel Diameter	5"
Elastic Backing Pad Diameter	5"
Cord Length	13 ft.
Weight (EPTA)	5.3 lbs.

metabo®

METABO RBE15-180 PIPE/TUBE SANDER
602243620

Includes:

1 Metal Carrying Case
1 Side Handle
10 Zirconia Sanding Belts 40 x 760mm - P80
2 Pyramid Sanding Belts 40 x 760mm - P280/A65
2 Pyramid Sanding Belts 40 x 760mm - P400/A45
2 Pyramid Sanding Belts 40 x 760mm - P600/A30
2 Pyramid Sanding Belts 40 x 760mm - P1200/A16
3 Fleece Bands 40 x 760mm - Medium

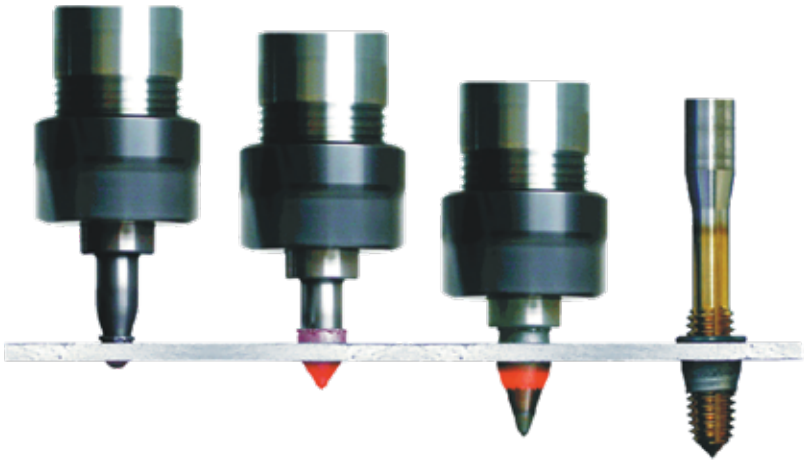
TECHNICAL SPECIFICATIONS	
PART # 602243620	
Rated Input Power	1,550 W
Output Power	940 W
No Load Speed	1,650 - 5,512 ft./min
Amps	13.5
Belt Speed in Idle	8.4 - 28 m/s
Dimensions of Grinding Belt	40 x 760 mm (1 1/2" x 30")
Maximum Pipe/Tube Diameter	180 mm (7.1")
Wrap Angle	270°
Weight (without power cable)	3.4 kg (7.5 lbs.)
Cable Length	2.5 m (9.84 ft.)
Vibration	
Surface Grinding	2.5 m/s²
Uncertainty of Measurement K	1.5 m/s²
Noise Emission	
Sound Pressure Level	94 dB(A)
Sound Power Level (LwA)	105 dB(A)

METABO SE12-115 BURNISHER
602115620

Includes:

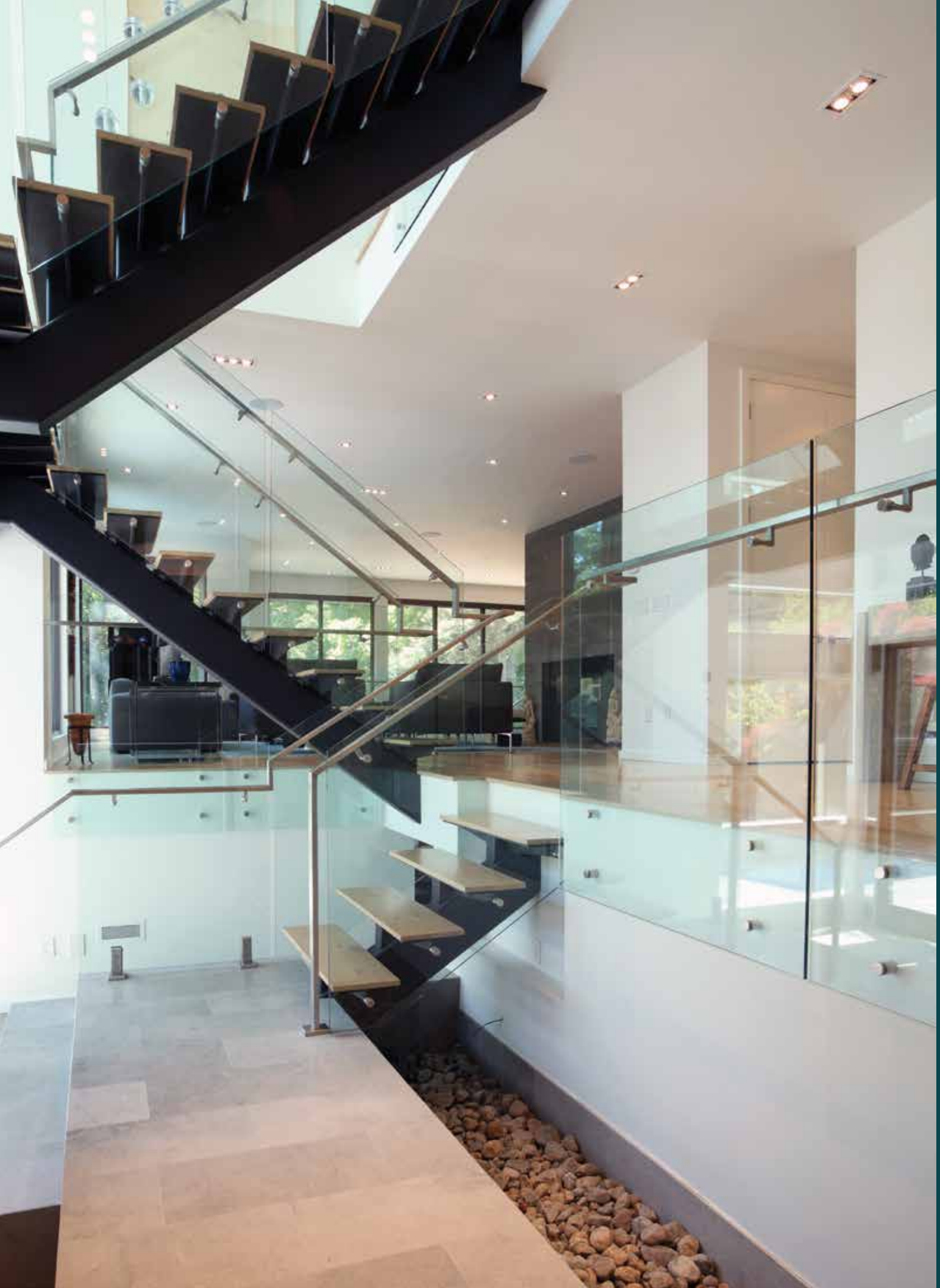
1 Metal Carrying Case
1 Wrench
3 Sanding Belts 90 x 100mm - P80
2 Flap/Fleece Grinding Wheels 105 x 50mm - P180
1 Fleece Grinding Wheel 105 x 100mm - P280
1 Flap Wheel 105 x 100mm - P80
1 Expansion Roll 90 x 100mm
3 Spacer Rings for Narrow Rollers
1 Spindle Extension Kit

TECHNICAL SPECIFICATIONS	
PART # 602115620	
Rated Input Power	1,200 W
Output Power	720 W
No Load Speed	900 - 2,800 RPM
Amps	10
Spindle Thread	5/8" - 11 UNC
Maximum Torque	98 inch lbs.
Abrasive Tool Diameter	100 - 200 mm (4" - 7 7/8")
Abrasive Tool Width	50 - 100 mm (2" - 4")
Arbour Size	3/4" keyed
Weight (without power cable)	3 kg (6.6 lbs.)
Cable Length	2.6 m (9 ft.)
Vibration	
Drilling in Metal	2.5 m/s²
Uncertainty of Measurement K	1.5 m/s²
Noise Emission	
Sound Pressure Level	86 dB(A)
Sound Power Level (LwA)	97 dB(A)



Flowdrill®

A flowdrill is a lobed, conical tungsten carbide tool. When rotated at high speed and pressed with high axial force into sheet metal or thin walled tube, generated heat softens the metal and allows the drill to feed forward, produce a hole and simultaneously form a bushing from the displaced material.



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