



MODULAR
RAILING SYSTEMS &
ARCHITECTURAL
GLASS HARDWARE

 **RINOX[®]**
Engineered in Germany

Asia's Largest Integrated Factory for Railings & Glass Hardware

The RINOX brand is a global industry standard for Premium Stainless Steel Railing Systems. RINOX brand represents luxurious, smartly engineered and secure railings found in prestigious projects and homes across the globe. RINOX Engineering is part of the industrial group founded in 1942 and has been continuing a tradition of manufacturing excellence for the past 8 decades.

The information in this catalog is also available on the website www.rinox.in

Rinox Engineering is an ISO 9001:2015, CE certified company.



ABOUT RINOX

RINOX Engineering is a pioneer in Stainless Steel Modular Railing Systems. RINOX has gained respect amongst the most quality conscious buyers in 67 countries around the world.

Using German manufacturing technology, strict quality norms and multi-locational manufacturing in India & China, RINOX has become a leader in its field.

Premium Stainless Steel Railing systems by RINOX provide a complete and elegant solution for all railing and architectural requirements. The railing system manufactured by RINOX is completely modular and does not need any welding, grinding or polishing at the installation site.

The railing system is based on interchangeable components, allowing for a wide range of flexibility to design a professional and secure railing. These components are available to fit all standard pipe sizes easily available with local stockholders.

RINOX products (standard and OEM) are installed at various locations worldwide, including



Airports



Shopping
Malls



Office
Buildings



Residential
Projects



Hospitals



Metro
Stations

OUR VISION

100%
CUSTOMER ORIENTED

Rinox Engineering is 100% customer oriented and our goal is to provide our customers with the highest-quality Lowest-maintenance railing systems available anywhere. Our Team Members are highly-skilled and take pride in creating solutions that best fit the exacting needs of our customers.



Our Mission:

Our mission is to partner with our customers to bring beauty and safety to their living spaces by providing Railing solutions that exceed their expectations.



Our Values

Quality First - Quality for all our customers, internal and external, comes first. We design and build the quality product at the source insuring 100% conformance to what we promise to our customers.



Customer Driven

We believe we exist because of satisfied customers, and we are committed to providing full customer satisfaction over the long term. We will seek out, fully understand, and meet or exceed the needs of our customers.



Partnership with People

People are the key to our success. We are dedicated to the education, development and involvement of all Rinox team members.



Honesty

We treat our colleagues, our suppliers and our customers with honesty, trust and respect. We work together as an integrated, cross-functional team with a common goal of achieving full customer



Integrity

Our integrity must never be compromised. We stand behind our products and our word. We deliver a quality Product at a fair price to every customer. We honor the commitments we make.



Continuous Improvement

Continuous improvement is a part of everyone's job everyday. We seek out root causes, measure and visibly display performance information, and make decisions based on facts and data.



Superb Work Environment

We are committed to maintaining a superb work environment— safe, clean, well-organized, open and secure, to insure the highest quality products and services are produced for our customers.

OUR PRODUCTION CAPABILITY

RINOX products are developed in a state-of-art research & development cell involved in creating cost effective solution for all types of architectural requirements. Each product is carefully designed and monitored at each stage of production. The R&D center works in close association with the marketing team , understanding the specific requirement of the customers and creating products that offer perfect solution to the customer's needs. RINOX has in-depth knowledge and capability to effortlessly convert products between various manufacturing processes including casting, pressing, welding and machining to ensure that you get the finest products.



OUR PRODUCTION CAPABILITY

RINOX operates 2 state-of-the-art production plants equipped with the latest CNC machinery spread over 2,50,000 square feet and employing more than 500 people.



INVESTMENT CASTING



ECO - FRIENDLY PACKING

Rinox taking initiative towards Eco friendly packing. Our components are packed in Paper wrapping / Non-Woven clothes instead of plastic bag.



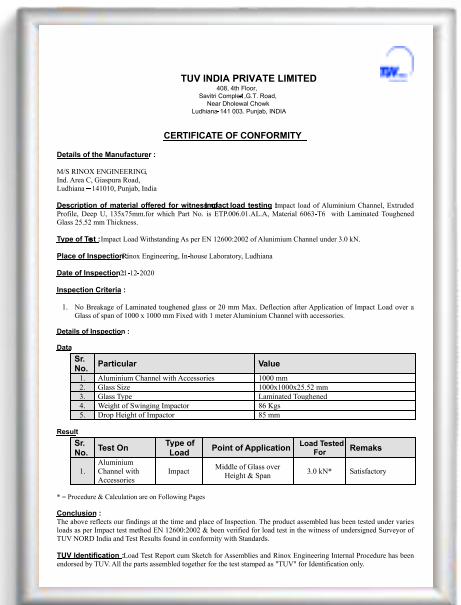
QUALITY CONTROL

RINOX products are developed in a state of the art research and development center that is involved in creating cost effective solutions for common and special requirements. Each product is carefully designed and monitored at each stage of production.

The Rinox Research and Development (R&D) center works in close association with the marketing team, understanding the specific requirement of the customers and churning out products that offer solutions to the customer's needs.

Our indepth knowledge about different stainless steel grades like AISI 304, 316, 316L and capability to effortlessly convert products between casting, pressing, welding and machining processes ensures that you get the finest products manufactured using the most suitable method.

Rinox is one of the biggest leader offering CE marked stainless steel handrail and glass fittings







The letters "CE" are the abbreviation of French phrase "conformité Européenne" which literally means "European Conformity". CE Marking on a product certifies that the product complies with the essential requirements of the relevant European health, safety and environmental protection legislation. CE Marking on a product indicates to government officials that the product may be legally placed on the market within the entire European Union Countries.



EUROPEAN DESIGNS



Wood Combinations



Decorative Balusters



Slot-Tube

RINOX railing system has its origin in the Shwarzwald region in South Germany close to the Austrian border. Over the years, the system has become popular and has been adopted all over the world. RINOX has stayed close to its German roots and all its designs have a distinctive European feel to them.

RINOX is pioneer in Modular Railing Technology which minimizes on-site welding, grinding and polishing.

Welded Railings

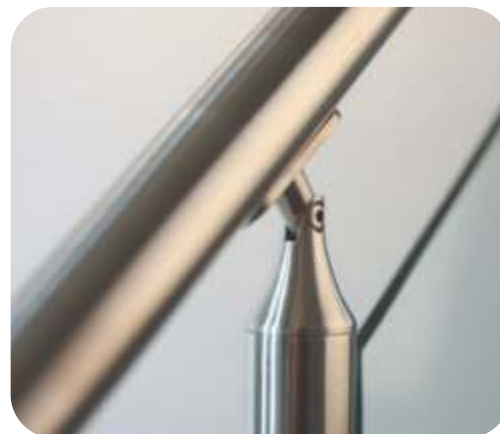
- ✗ Ugly finish with touch up marks
- ✗ Welding splatters
- ✗ Prone to rust
- ✗ Welding for joints
- ✗ Weak Joints
- ✗ Need to weld at site
- ✗ More installation Time



Welded Railing are Prone to Rust

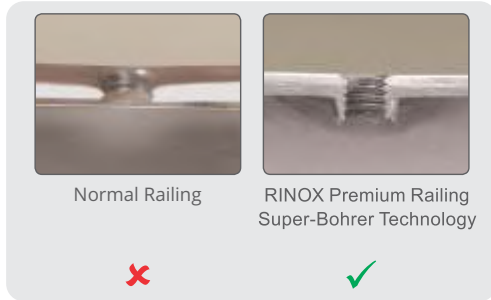
RINOX: Modular Railings

- ✓ Superior finish
- ✓ Clean Smooth Looks
- ✓ Minimizes chances of rust
- ✓ Glue for Joints
- ✓ Strong Joints
- ✓ Ready to Fit
- ✓ Less Installation Time



Rinox Modular Railing give you life time rustproof

GERMAN INNOVATIONS



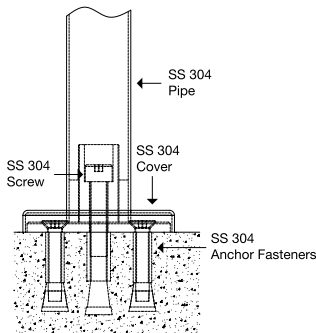
There are numerous ways, many invisible to the final consumer, which make a RINOX product better and stronger. Several RINOX innovations have been adopted world-wide and have become industry standards.

A RINOX Railing has more than 300% better grip than a normal railing.

100% STAINLESS STEEL (SS 304 / 316)



Rinox Railing
(100 % Stainless Steel)



RINOX ensures that all the railing components including the screws & anchor fasteners are 100% SS 304 / 316 grade.

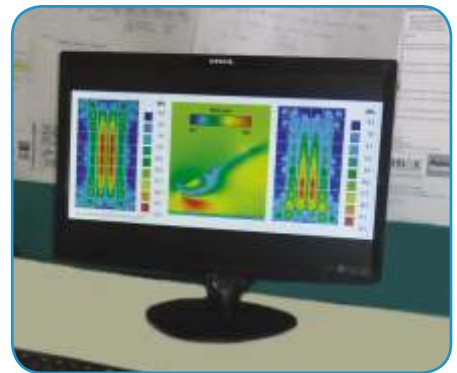
RINOX strongly recommends that any stainless steel used in material composition is one of the most important criteria in ensuring a high quality railing which will last for decades. Your architectural project should be minimum AISI 304 grade. Lower grades like AISI 202 or below may give a lower cost in the beginning but will catch rust within a few months of installation which will nullify your entire investment. All stainless steel grades generally look similar and the only way to check the quality is through a laboratory analysis of the material. The analysis usually takes 24 hours and requires a small piece of the product. RINOX offers you free material analysis of any railing project. RINOX is proud to offer a written certification of the materials used in all its projects. It is an indicator of our confidence in our product and ensures peace of mind for its customers.

Grade required as per site :

Material / Site	SS 316 GRADE	SS 304 GRADE	SS 202 GRADE / MILD STEEL
Homes	✓	✓	✗
Airports	✓	✓	✗
Stadiums	✓	✓	✗
Shopping Malls	✓	✓	✗
Corporate Offices	✓	✓	✗
Hospitals	✓	✗	✗
Coastal Areas	✓	✗	✗

LOAD TESTING & WIND-LOAD CALCULATIONS

Modern high-rise buildings present significant design challenges due to wind pressure at higher floors or in open areas like sea facing locations. RINOX has built significant experience and capabilities to calculate wind-load pressures and design the railing accordingly. RINOX works closely with designers and architects to install railings which are secure and ideally suited to individual project.



AWARDS

Rinox has received various awards and recognitions in the National and International arena for its innovation and quality.



EXHIBITIONS

RINOX is supporting their clients to participate at prestigious National & International Architectural Trade Shows.

- AIA Show, USA
- Batimat, France
- Construmat, Spain
- SAIE, Italy
- MIDEST, France
- BAU, Germany
- Interbuild, U.K.
- Koln Hardware Show, Germany
- BATIMAT, Argentina
- Glass Tech, India
- Ace Tech, India



GLOBAL REACH



RINOX products are sold in more than 67 countries across the world. RINOX has a strong presence and satisfied clients across all five continents with whom we have been working for more than 15 years.

RINOX products have been installed in many prestigious projects worldwide:

- Merrhof 2.0 Apartment cum SCO, Tallinn, Estonia
- Arena Corinthians, Sao Paulo, Brazil
- Tallink Express Hotel, Tallinn, Estonia
- Harbour Terminal B & D, Tallinn, Estonia
- Rotermann City, Sea side Apartments & City Center, Estonia
- Suvarnbhumi International Airport, Thailand, Bangkok
- Multi-Vac, Kansas City, USA
- T1 Mall, Tallinn, Estonia
- Husbackan pysäköintitalo, Finland
- E & L Enterprise, Malta
- Lozma Bus Station, Poland
- Aria Hotel, Beograd, Serbia
- Nestle, Punjab, India
- Cummins India Limited, Pune, India
- NTCB Shell, Bangalore, India
- Embassy Pristine, Bangalore, India
- Phoenix Kessaku, Bangalore, India
- Jio World Center, Mumbai, India
- Vegas Mall, Delhi, India
- Candor Food Court, Gurgaon, India
- Kassaku Palladium Luxury Apartments, Bangalore, India
- Mahindra Luminare, Gurgaon, India
- Porche Centre, Gurgaon, India
- Hyundai, Hyderabad, India



RINOX Glass Railings are installed in E & L Enterprise, Malta



RINOX Arina Railings are installed in Mahindra Club House, Gurgaon, India.

SS 316-V4A

316 Stainless steel is an austenitic chromium nickel stainless steel containing molybdenum. This Addition increases general corrosion resistance, improves resistance to pitting from chloride ion solutions & provides increased strength at elevated temperatures.

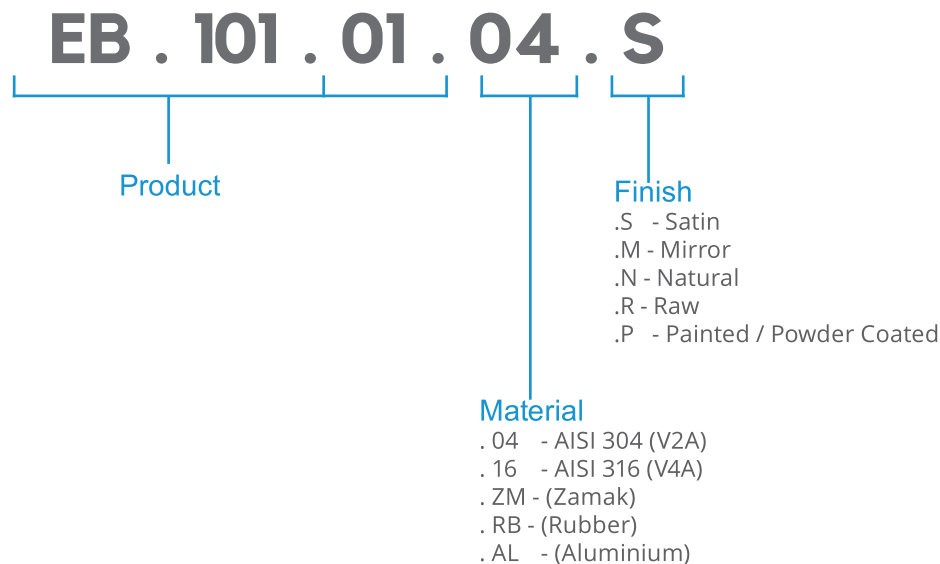
316 Stainless steel maintains its luster & will never discolor under normal environment exposure, including salt water. Our stainless steel railings are perfect for any exterior use where a low maintenance designer finish is desired.

These components are best suitable for marine environments, coastal areas & for pool side fences because of its superior corrosion and oxidation resistance, good mechanical properties.

RINOX CODING SYSTEM

RINOX railing are available in AISI 304 (in stock) and AISI 316 grade (made to order) and in Satin & Mirror polish. The coding in our catalog is for standard AISI 304 components and in Satin Finish.

The coding systems is based on the concept of segregating different items and clubbing the like ones.



Example to Order

- GC.201.XX.04.S - Glass Clip SS 304 Satin Finish
- GC.201.XX.16.S - Glass Clip SS 316 Satin Finish
- GC.201.XX.04.M - Glass Clip SS 304 Mirror Finish
- GC.201.XX.16.M - Glass Clip SS 316 Mirror Finish
- GC.201.XX.ZM.S - Glass Clip Zamak Satin Finish

POWDER COATED FINISH

Powder Coating is a safe, dry finishing process that uses finely ground particles of pigment and resin to create a protective finish. We choose to powder coat our steel frames because it is low in toxicity and has low flammability.

How Does Powder Coat Work?

To create magnetic attraction, the finely ground particles of pigment and resin are charged with static electricity and then sprayed onto stainless steel that is electrically grounded. The powder coating is then evenly melted and cooled into a thin, durable film.

We are dedicated to making durable and quality shade canopies, sails, and umbrellas with cutting edge technology and engineer-made materials.

What are the Benefits?

Here are 6 reasons why we do powder coat on our stainless steel railings:

Durability: Powder coating adds to the stainless steel railing's durability, helping to withstand damages and last longer.

Corrosion Resistant: Moisture and humidity can cause railings to rust. When applied to stainless steel, powder coating provides a protective barrier that helps prevent corrosion.

No Maintenance: Because of its durability and resistance to corrosion, powder-coated railings require little to no maintenance.

Long-Lasting Finish and Colors: Powder coating provides a hard finish. Because of this, colors stay brighter and vibrant longer than other methods.

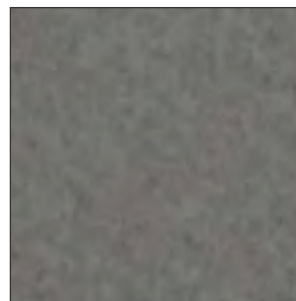
Environmentally Safe: The powder coating process has little impact on the environment. It requires no harmful solvents and does not emit vapors or fumes.



Rinox Fittings are available with black powder coating with Matte finish



**BLACK POWDER COATED
WITH MATTE FINISH**

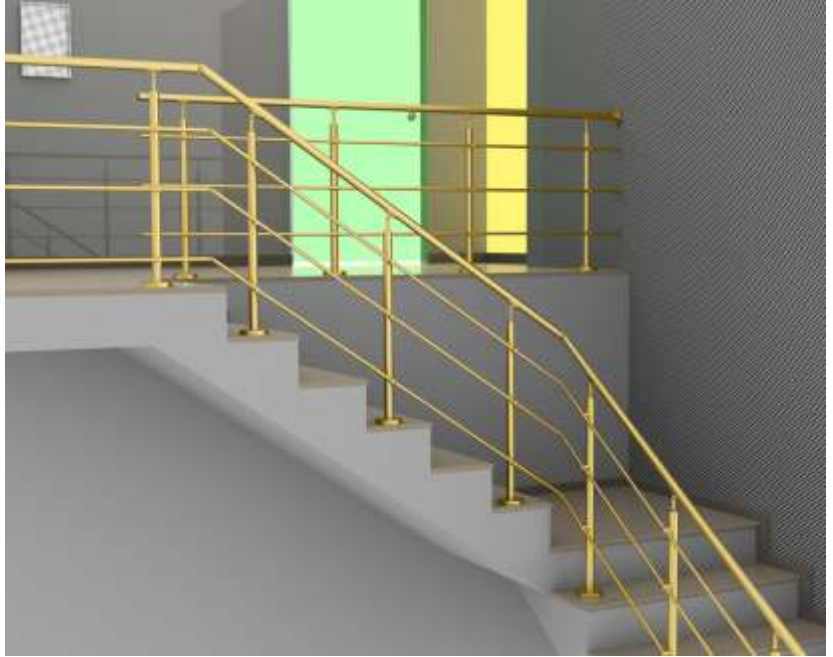


**METALLIC GREY TEXTURE
POWDER COATED**

PVD FINISH

PVD Coatings is an environmentally friendly vacuum coating process of vaporizing a solid metal to a plasma of atoms or molecules, vapor that can be deposited as high-performance coatings on the product.

PVD Coating is an environmentally friendly process that provides brilliant and durable decorative finishes. PVD process is very competitive with alternative technologies like E-coating, Powder Coating, and Electroplating. This thin film provides a protective skin on your product enhancing the visual and functional performance. The PVD coating thickness results between 0.25 microns and 5 microns. Polished or mirror surfaces are used to produce PVD polished finishes and brushed or satin surfaces to produce brushed or satin PVD finishes. PVD Coating will not dull or enhance the appearance of your product.



What are the Benefits?

Here are 4 reasons why we do PVD Coating on our stainless steel railings:

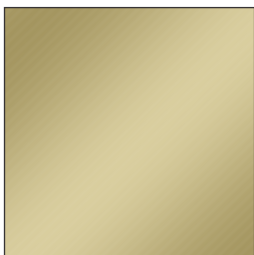
Wide color range: Mixing high purity gases used during the process we obtain a wide variety of color coatings on stainless steel railings.

Environmentally Safe: PVD Coating is an environmentally friendly coating process with no hazardous by-products resulting in brilliant finishes and colors.

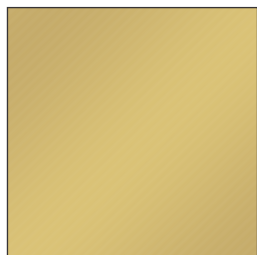
Corrosion resistance: SS 304 railings are prone to rust when exposed to humidity & moisture for a long time. PVD Coating will provide excellent wear & corrosion resistance.

No Maintenance: Because of its thin coating on stainless steel, PVD Coated railings require no maintenance.

Rinox Fittings are available with PVD Technology



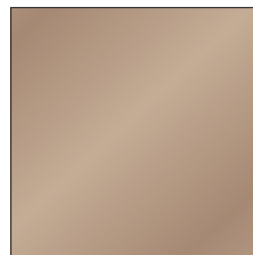
YELLOW



GOLDEN



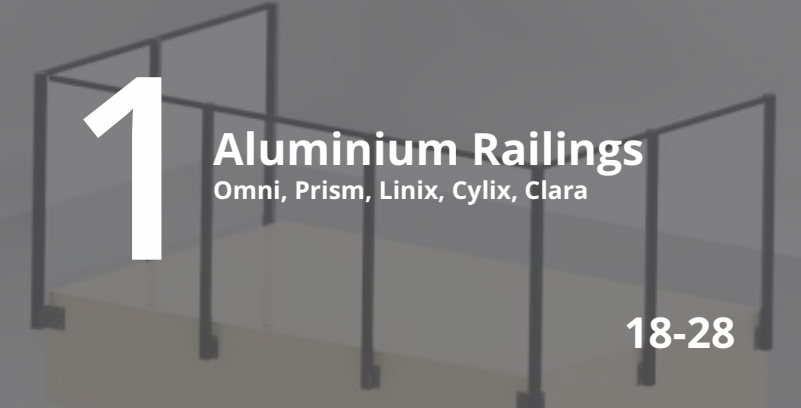
RAINBOW



ROSE GOLD



BLACK

A close-up photograph of a balcony railing system featuring dark, square aluminium posts and horizontal rails. The railing is installed on a light-colored concrete or stone surface.

1

Aluminium Railings

Omni, Prism, Linix, Cylix, Clara

18-28

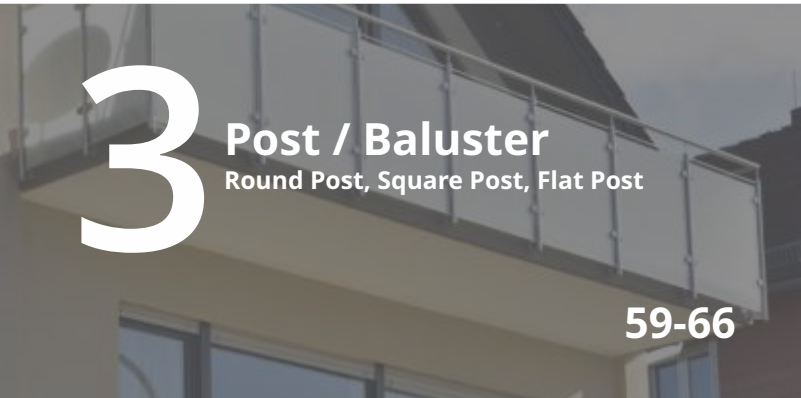
A photograph showing a modern staircase with stainless steel railings. The railings have a sleek, polished finish and are supported by glass infill panels.

2

Stainless Steel Railings Design

Glass Infill, Multiline Infill, Vertical Picket, Cable Infill, Wall Railing, Frameless Glass Railing, French Balcony, LED Railing

29-58

A photograph of a balcony railing system with square posts and glass infill panels. The railing is mounted on a concrete wall.

3

Post / Baluster

Round Post, Square Post, Flat Post

59-66

A photograph showing a close-up of a handrail attachment bracket mounted on a wall. The bracket is designed to hold a handrail in place.

4

Top Mounting

Brackets, Top Handrail Attachments, Handrail & Handrail Attachments

67-101

A photograph of a glass railing system with vertical glass panels held in place by metal brackets and spigots.

5

Infill

Glass, Horizontal bar, Cable Infill Holder, Frameless Glass Railing

102-127

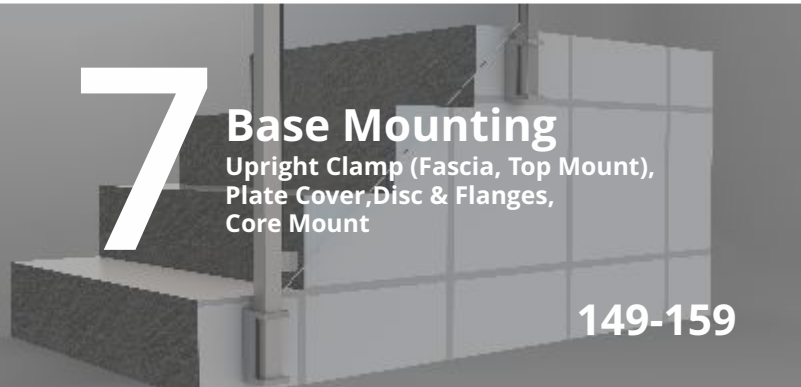
A photograph of a frameless glass railing system installed on a balcony. The glass panels are held in place by spigots and brackets.

6

Frameless Glass Railing

Dry Glaze Channel (1.5kN, 3kN), Glass Holder, Spigots

128-148

A photograph showing a base mounting system for a railing. It features a metal bracket that is bolted to a concrete base, with a glass panel attached to it.

7

Base Mounting

Upright Clamp (Fascia, Top Mount), Plate Cover, Disc & Flanges, Core Mount

149-159

A photograph of a hospitality railing system featuring glass panels held in place by metal brackets and spigots.

8

Hospitality Railing Fittings

Pickets, Balls, Footrail Brackets, Footrail Tube Supports, Shelf Supports

160-166

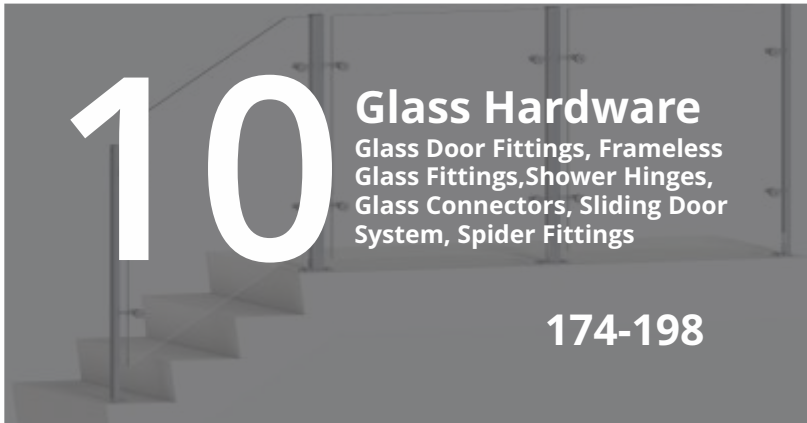
A photograph of a canopy system installed on a balcony. It features a metal frame with glass panels and a wooden deck.

9

Canopy System

Glass Infill, Multiline Infill, Vertical Picket, Cable Infill, Wall Railing, Frameless Glass Railing, French Balcony, LED Railing

167-173

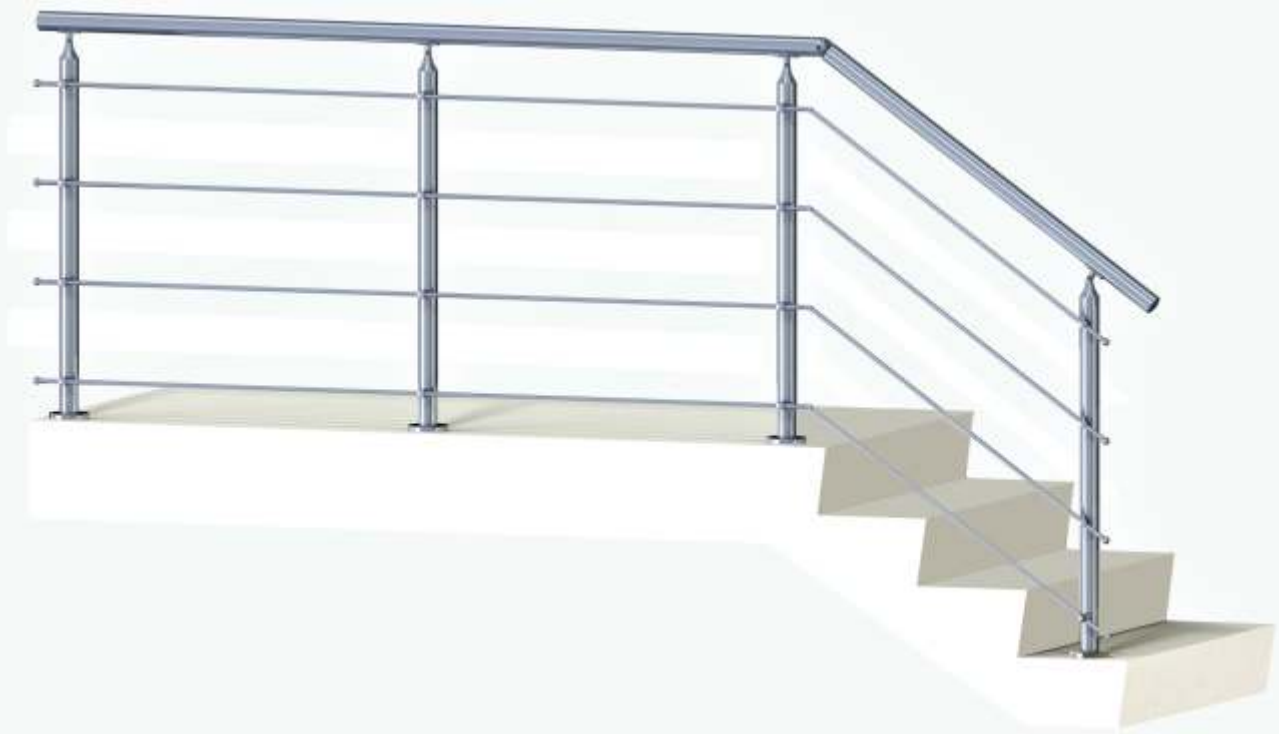
A photograph of a glass hardware system installed on a balcony. It features a metal frame with glass panels and a wooden deck.

10

Glass Hardware

Glass Door Fittings, Frameless Glass Fittings, Shower Hinges, Glass Connectors, Sliding Door System, Spider Fittings

174-198



Aluminium Railing System

OMNI, PRISM, LINUX, CYLIX, CLARA

1

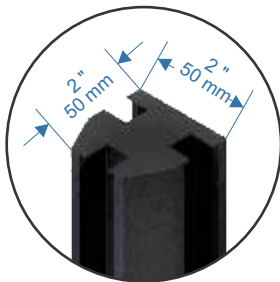
OMNI - Pentagonal post with glass panel



Specification

**Patent
Applied For**

Wind load Capacity - 3kN/m^2
Live load Capacity - 1.5kN/m
As per BS standard



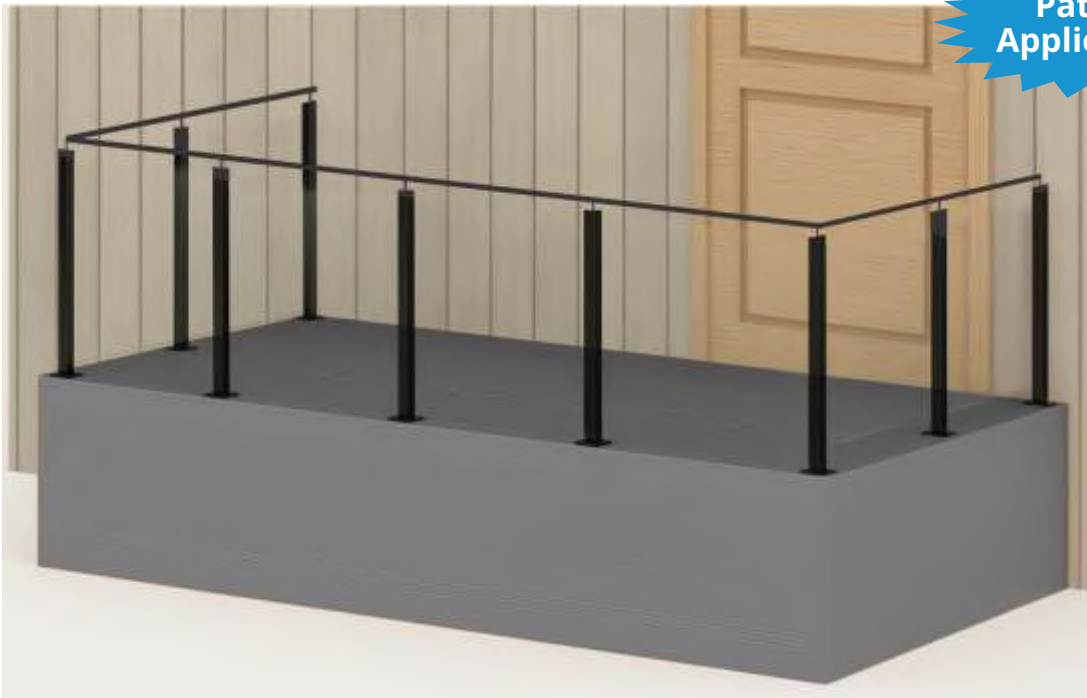
TECHNICAL DATA	TYPE / SHAPE	STANDARD SPACING / SIZE IN mm (Inch)
Post	Pentagonal	1000 mm (39 3/8") center distance b/w Posts
Infill option	Glass	10-17.52 mm (3/8" - 11/16") laminated glass

Benefits:

- Material used - Aluminium
- Available in natural, anodized & powder coated
- One Post for corner, inline & 90° glass assembly

Balcony Application

Patent
Applied For



Omni Post with a post height of 1 meter and glass height of 1200 mm, featuring a continuous handrail for added safety and protection of the glass.



Omni Post with a height equal to the glass 1000 mm, to suit different aesthetic and functional requirements.

Applications

Patent
Applied For



Airport

Omni Post with a glass height of 1800 mm, measured from the finished floor level, designed for use as a partition at airport gates to manage the separation of incoming and outgoing passengers while maintaining clear visibility and security.

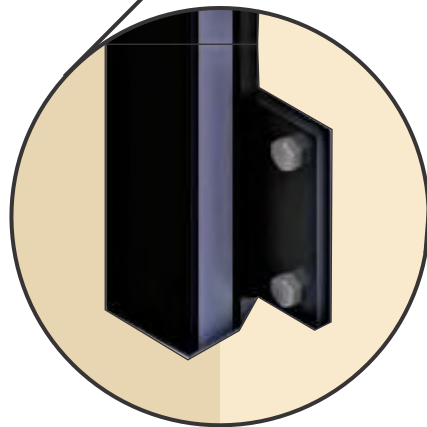
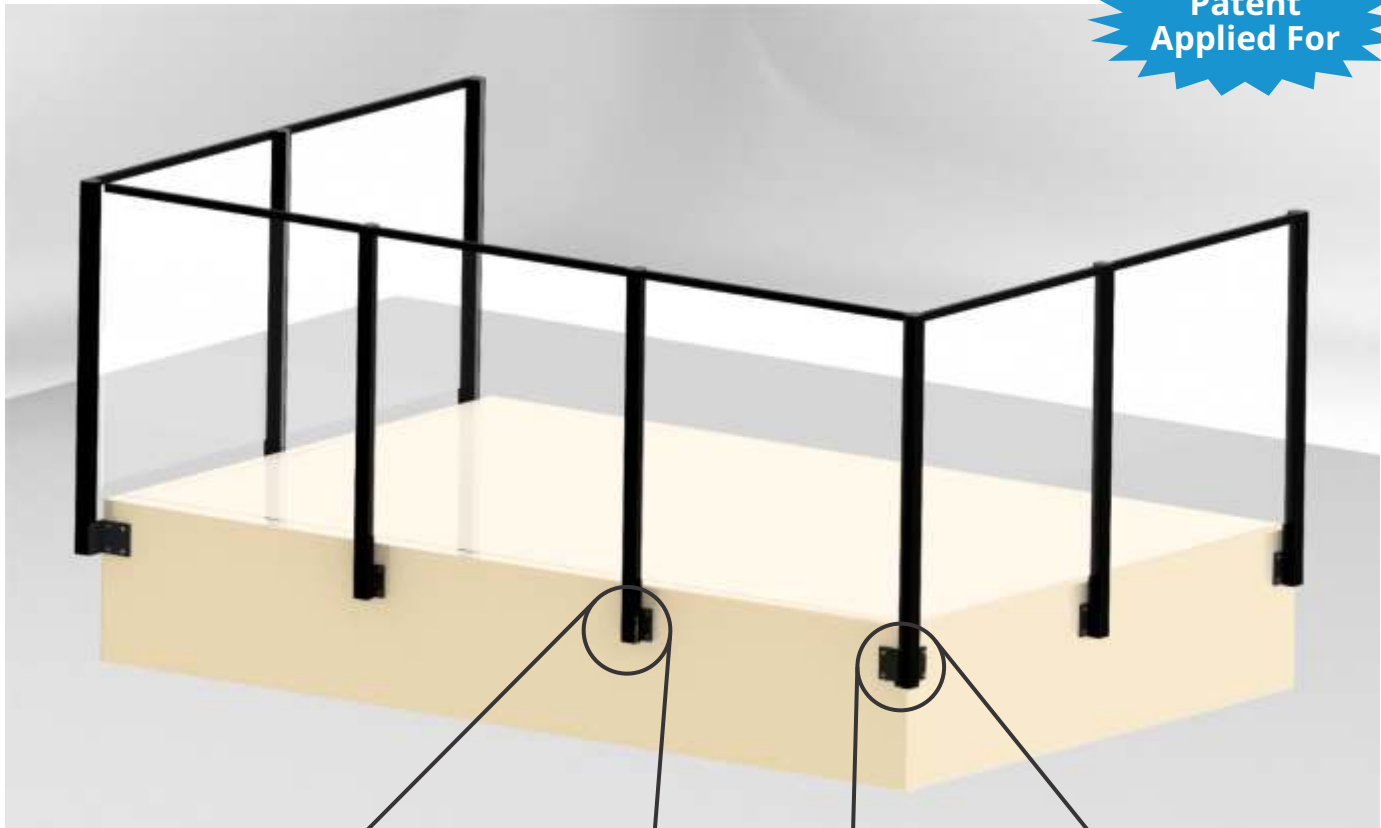
Restaurant

Omni Post with a height of 12 inches and high-rise glass, designed to be installed in the outer area of restaurants to enhance the aesthetic appeal and complement the surrounding environment, creating a refined and welcoming atmosphere.

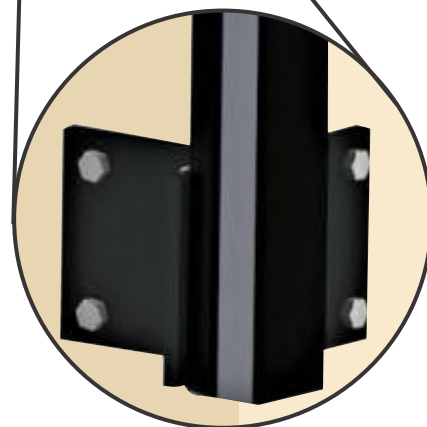


Applications of Side Mount Omni Post

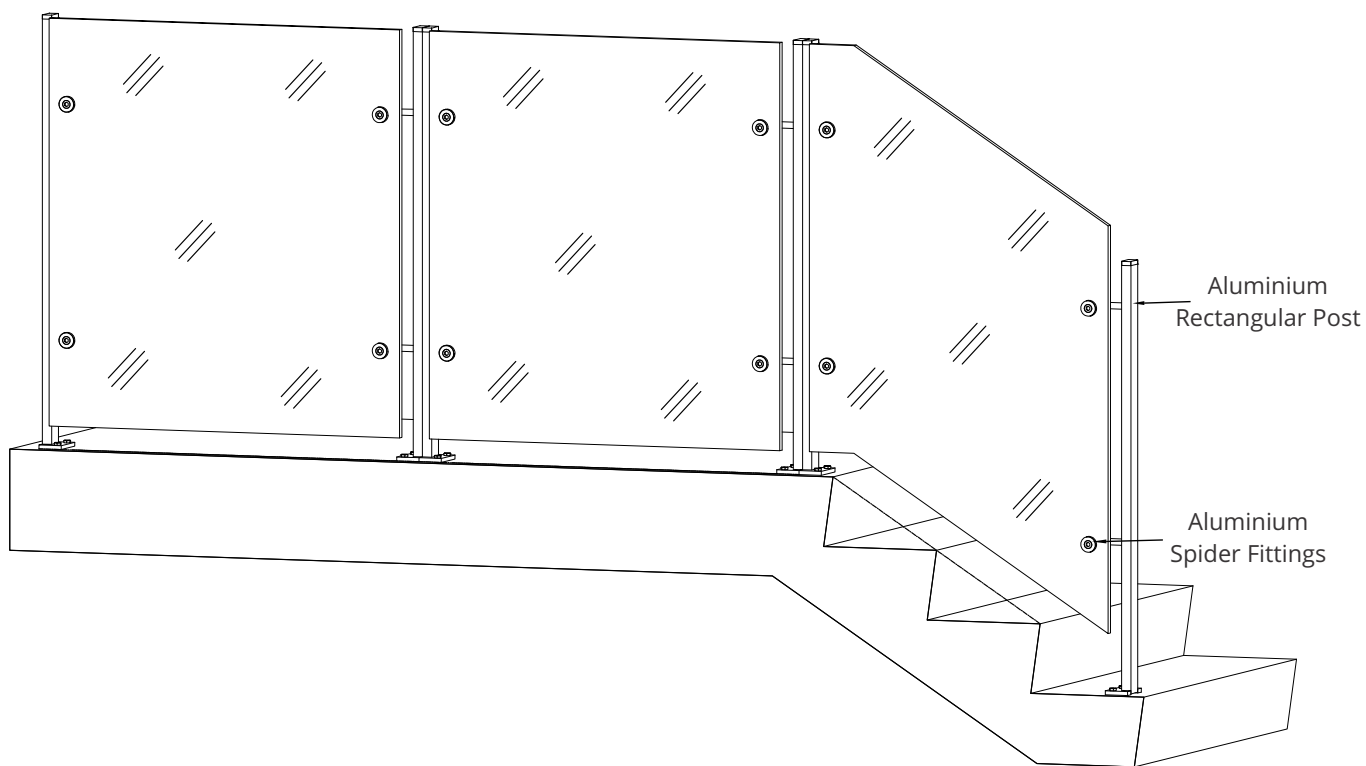
Patent
Applied For



For Base of 180°



For Base of 90°



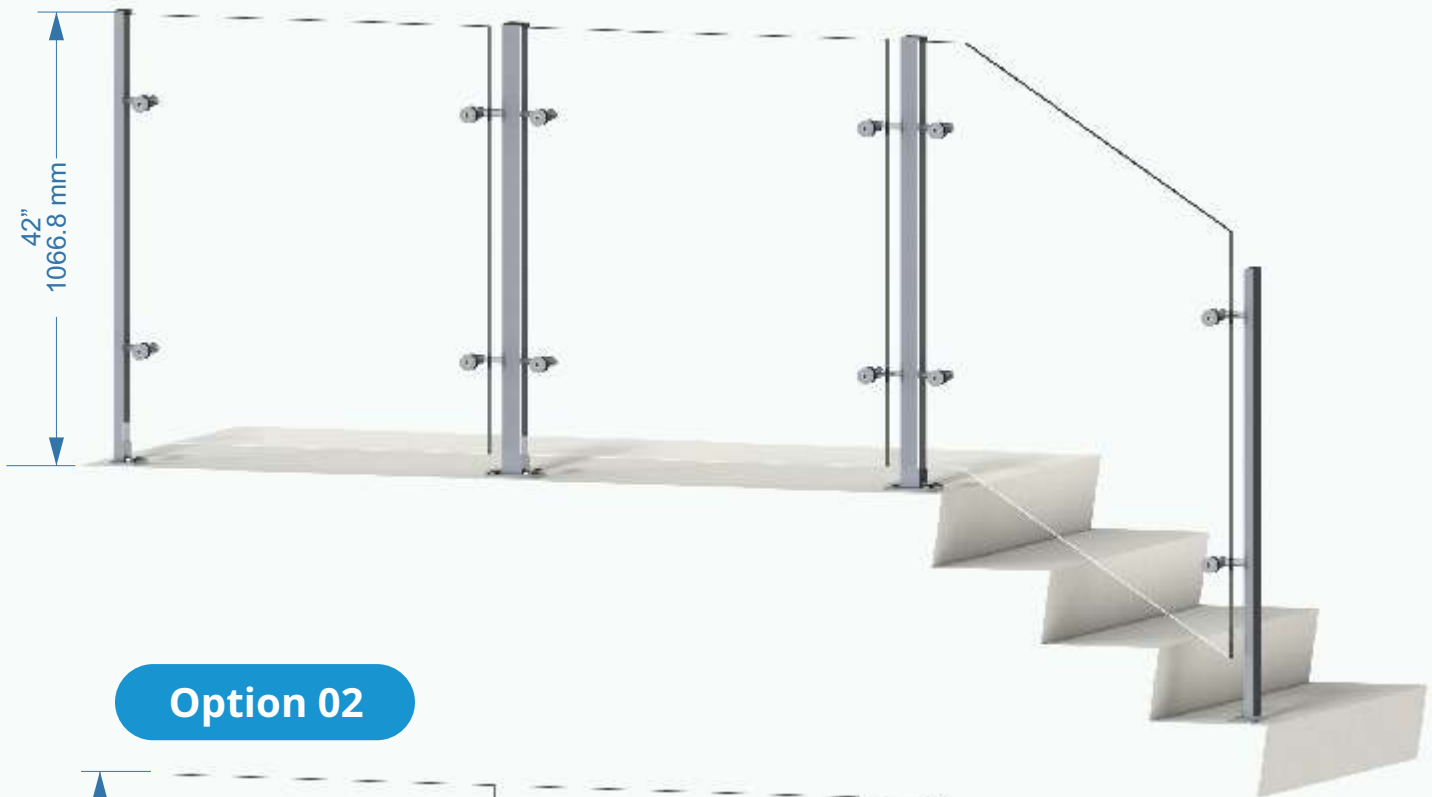
Load Capacity : 1 kN/m

As per BS standard

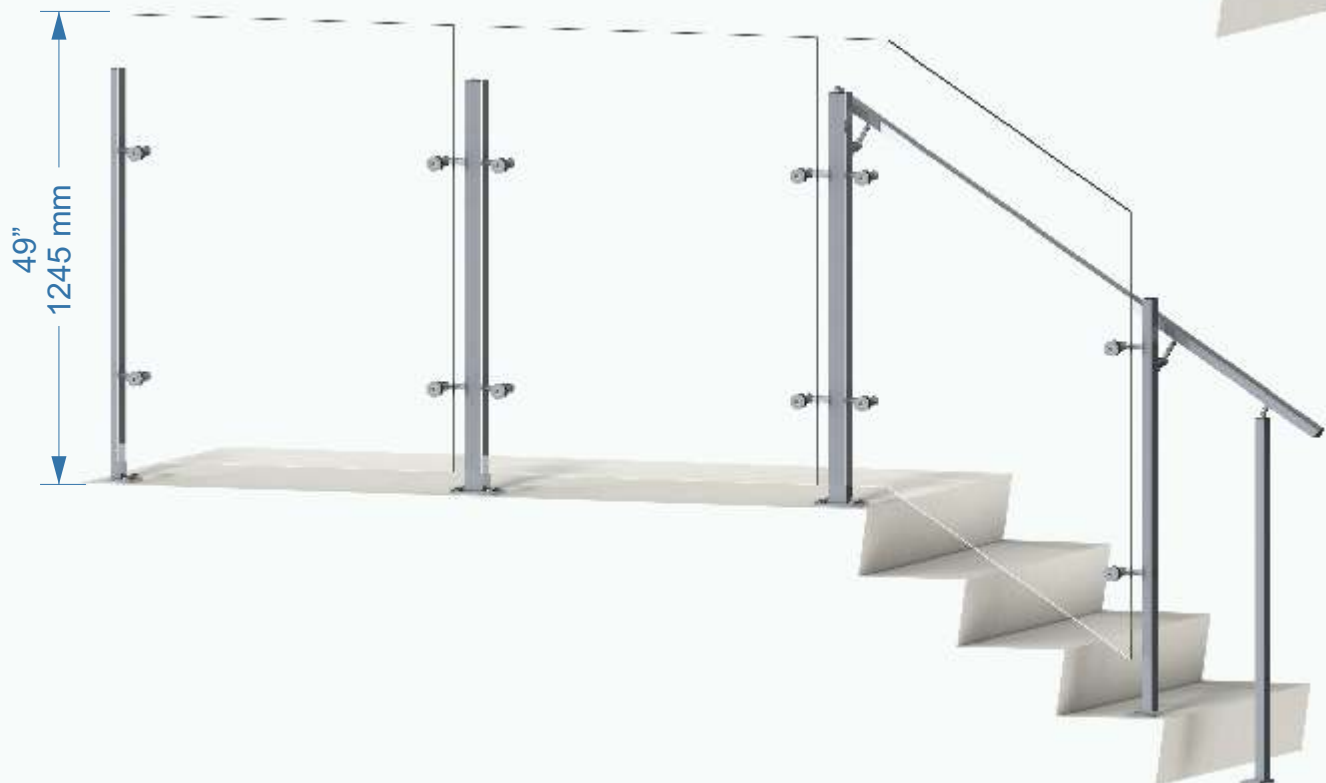
TECHNICAL DATA	TYPE / SHAPE	MATERIAL	FINISH	STANDARD SPACING / SIZE IN mm (Inch)
Post	Rectangular	Aluminium	Natural, Powder coating & Anodised	1000 mm(39 3/8") center distance b/w Posts
Infill option	Glass with spider fittings			10-12.76 mm (3/8" - 1/2") laminated glass

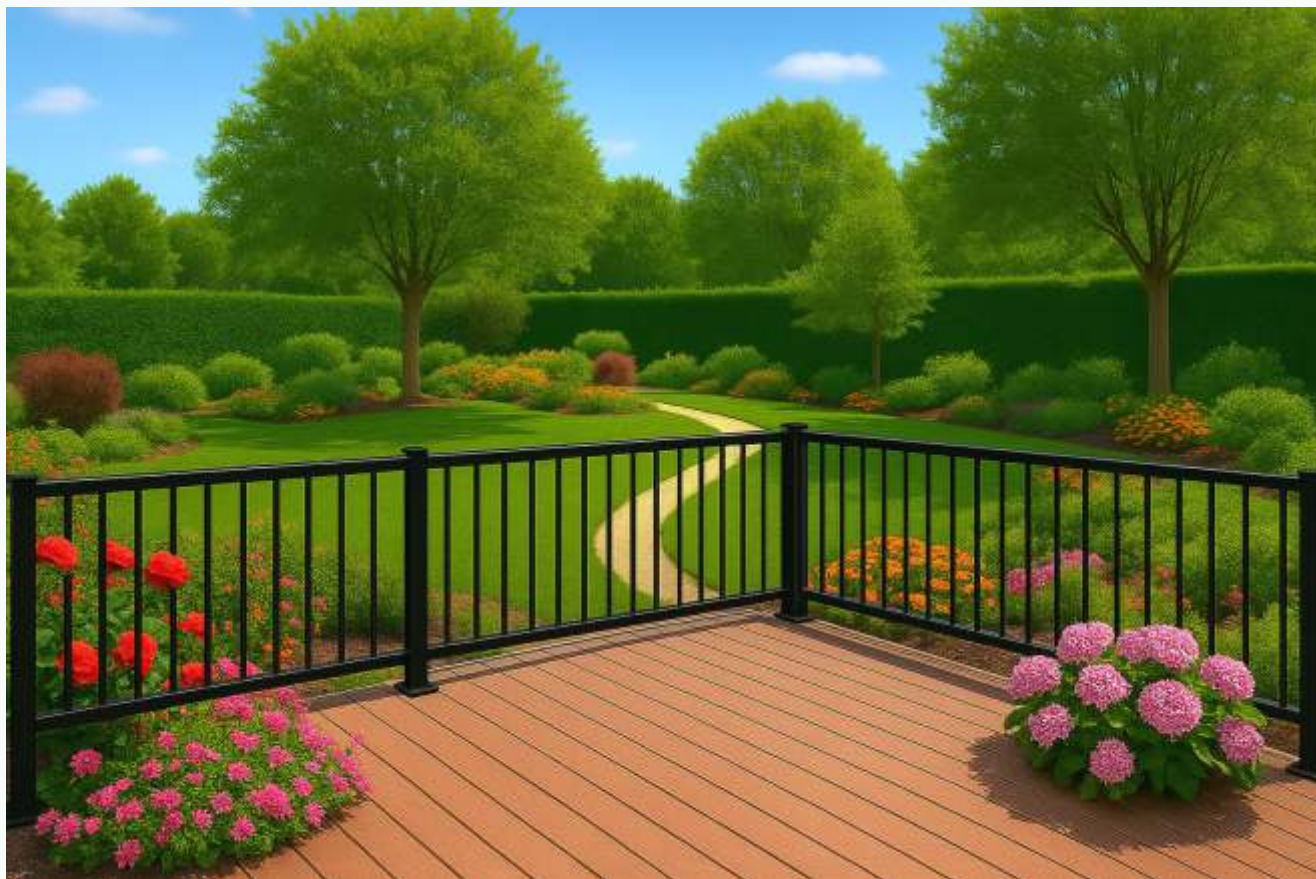
Benefits : Standards specifies customization or other sizes are also available for that option.
Available in Aluminium with Natural, Powder Coating & Anodised

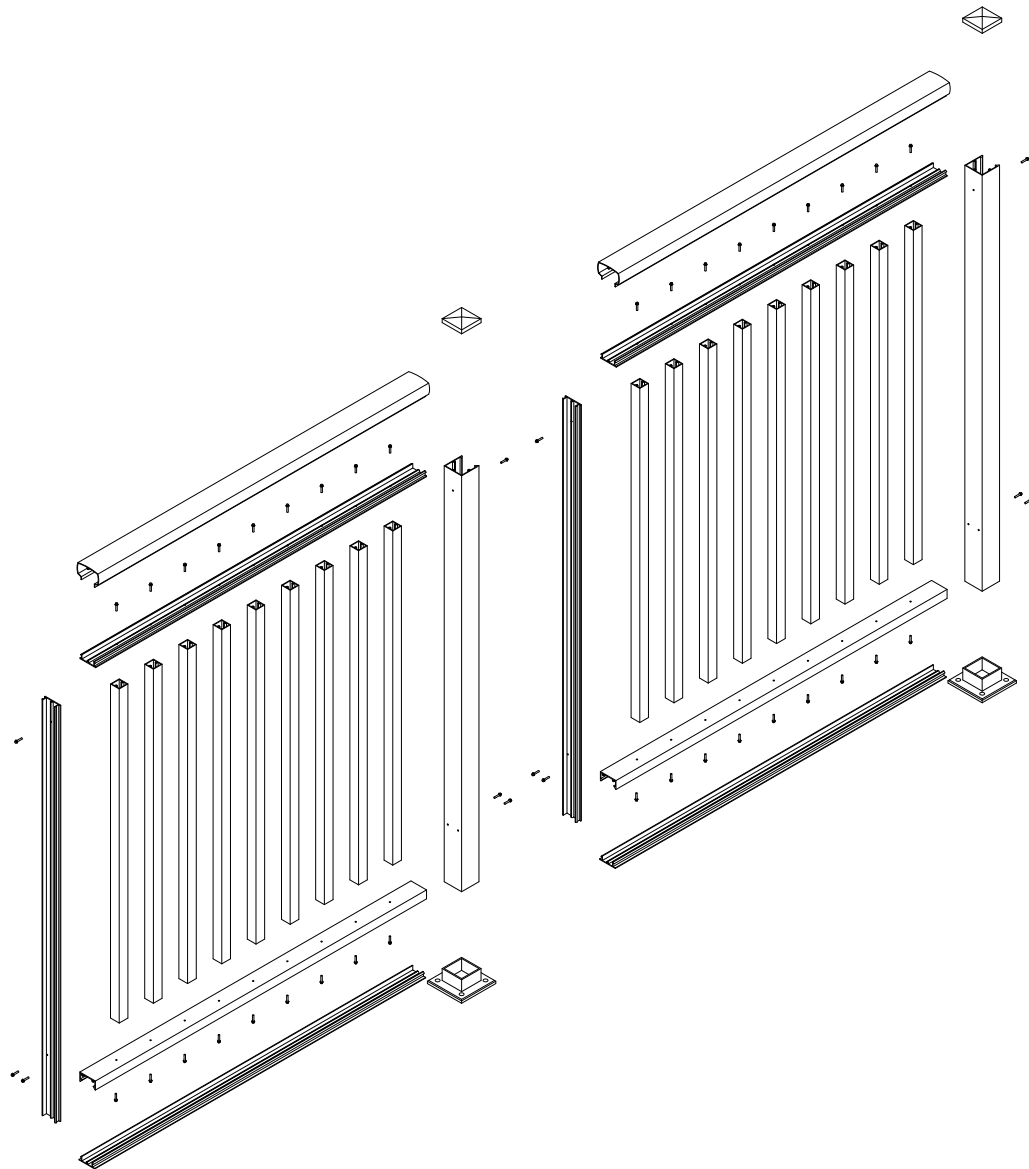
Option 01



Option 02







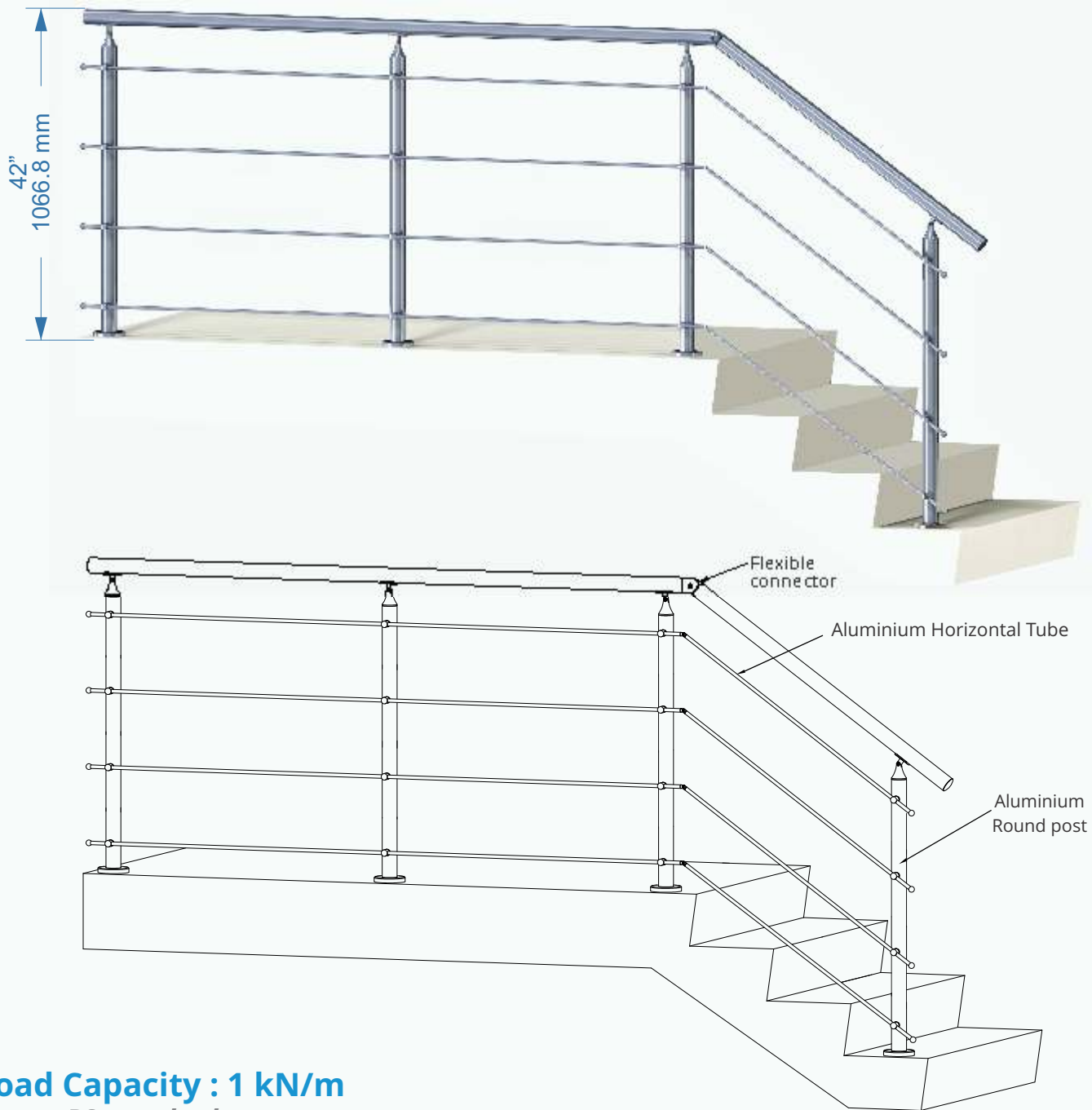
Load Capacity : 1 kN/m

As per BS standard

TECHNICAL DATA	TYPE / SHAPE	MATERIAL	FINISH	STANDARD SPACING / SIZE IN mm (Inch)
Post	Rectangular	Aluminium	Natural, Powder coating & Anodised	1000 mm(39 3/8") center distance b/w Posts
Infill option	Vertical pickets (Tube)			25.4x25.4mm(1"x1")
Top Rail / Handrail	Rectangular Tube			50.8x50.8mm(2"x2")

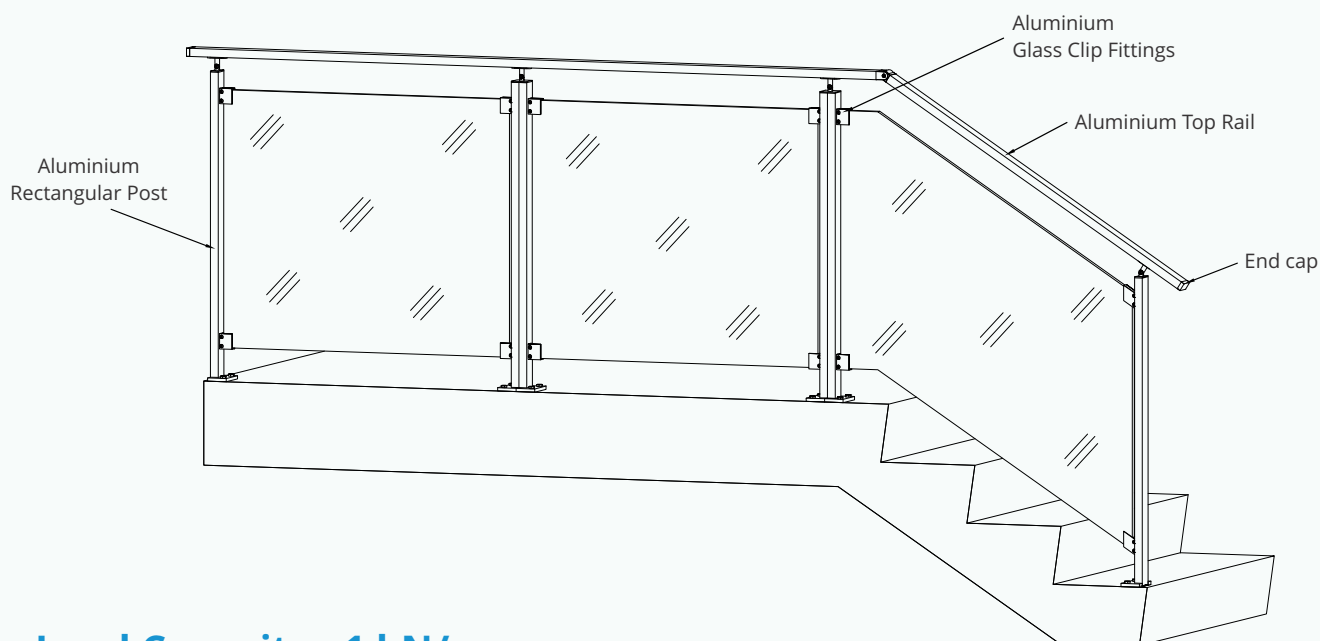
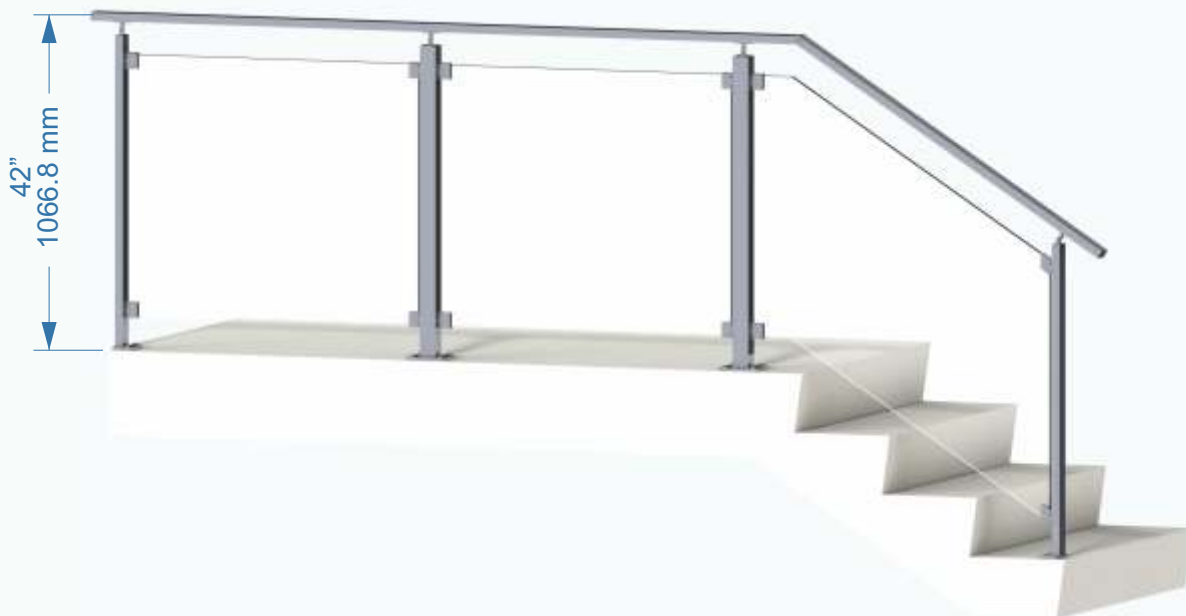
Benefits : Standards specifies customization or other sizes are also available for that option.
Available in Aluminium with Natural, Powder Coating & Anodised

CYLIX - ROUND POST WITH HORIZONTAL TUBE



Load Capacity : 1 kN/m
As per BS standard

TECHNICAL DATA	TYPE / SHAPE	MATERIAL	FINISH	STANDARD SPACING / SIZE X THICKNESS IN mm (Inch)	
Post	Round	Aluminium	Natural, Powder coating & Anodised	1000 mm(39 3/8") center distance b/w Posts	Dia 45 X 3 mm (1 7/8" X 1/8")
Infill option	Horizontal Tube			Dia. 16 X 2 mm (5/8 X 3/32")	
Top Rail / Handrail	Round Tube			Dia. 50 X 2.5 mm (2 X 3/32")	



Load Capacity : 1 kN/m
As per BS standard

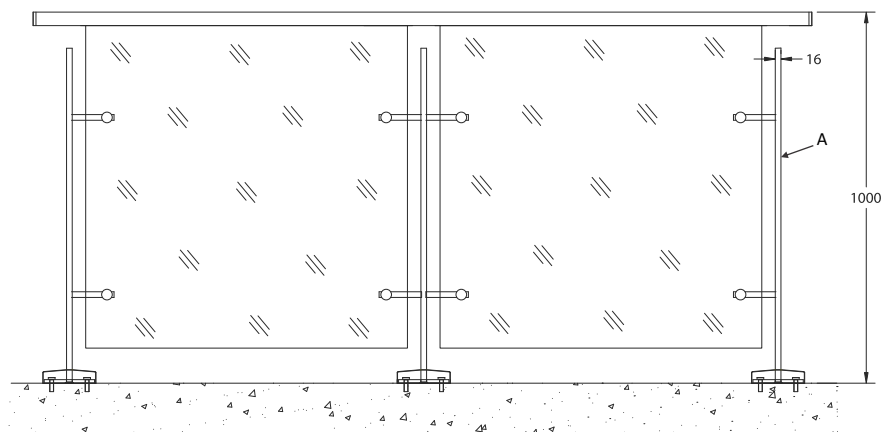
TECHNICAL DATA	TYPE / SHAPE	MATERIAL	FINISH	STANDARD SPACING / SIZE IN mm (Inch)
Post	Rectangular	Aluminium	Natural, Powder coating & Anodised	1000 mm(39 3/8") center distance b/w Posts
Infill option	Glass Clips			10-12.76 mm (3/8" - 1/2") laminated glass
Top Rail / Handrail	Rectangular Tube			50X25 mm(2"X1")



Stainless Steel Railings Design

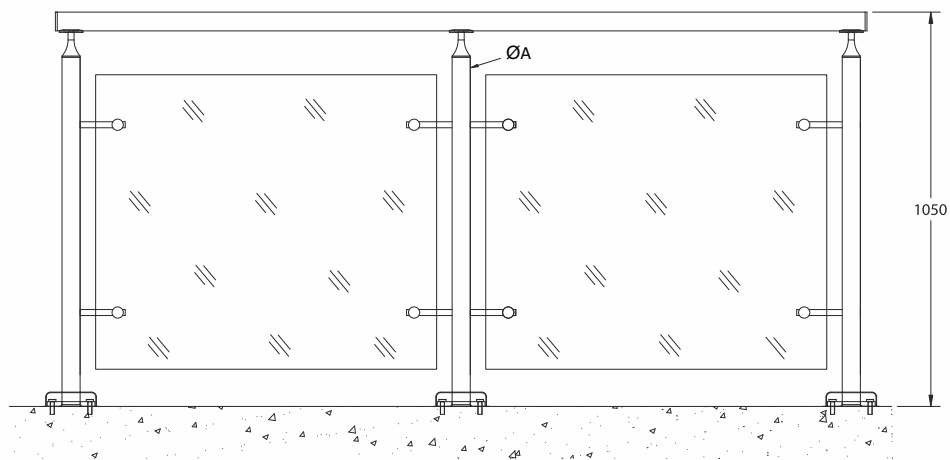
Glass Infill, Multiline Infill, Vertical Picket, Cable Infill, Wall Railing, Frameless Glass Railing, French Balcony, LED Railing

2



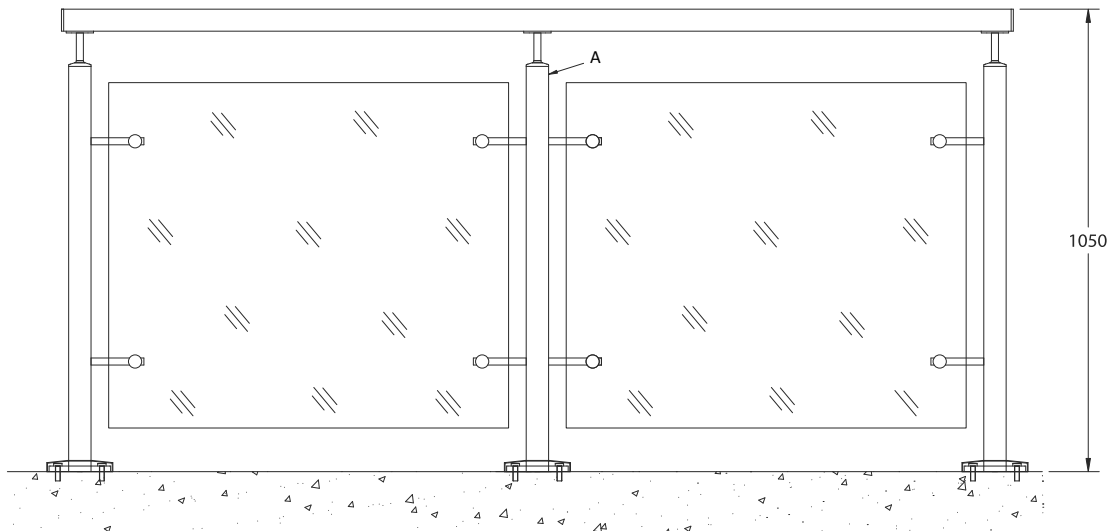
1. All dimensions in mm.
2. Sizes given are approximate.

A:- 65 x 16



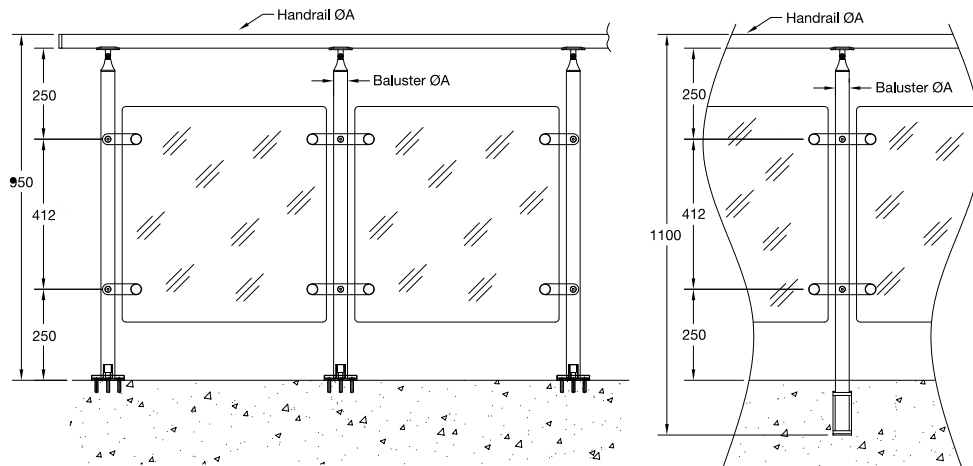
1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- 48.3 x 5.0



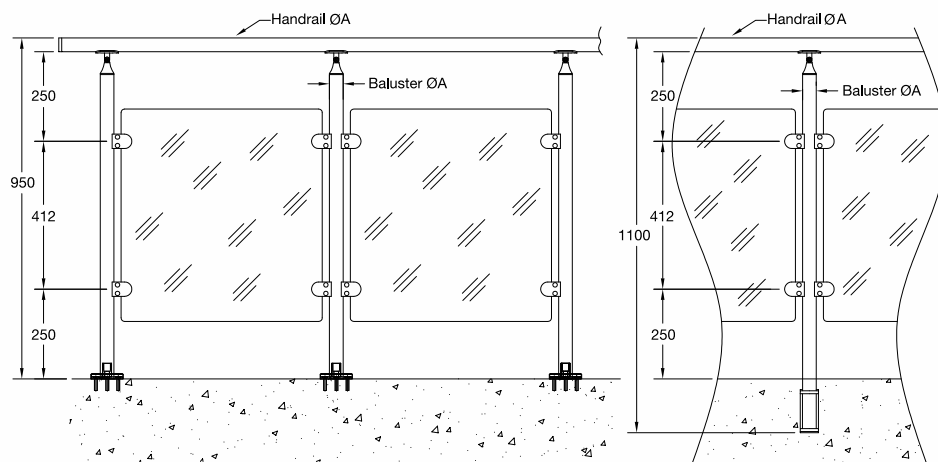
1. All dimensions in mm.
2. Sizes given are approximate.

A:- 50.8 x 50.8 x 5.0



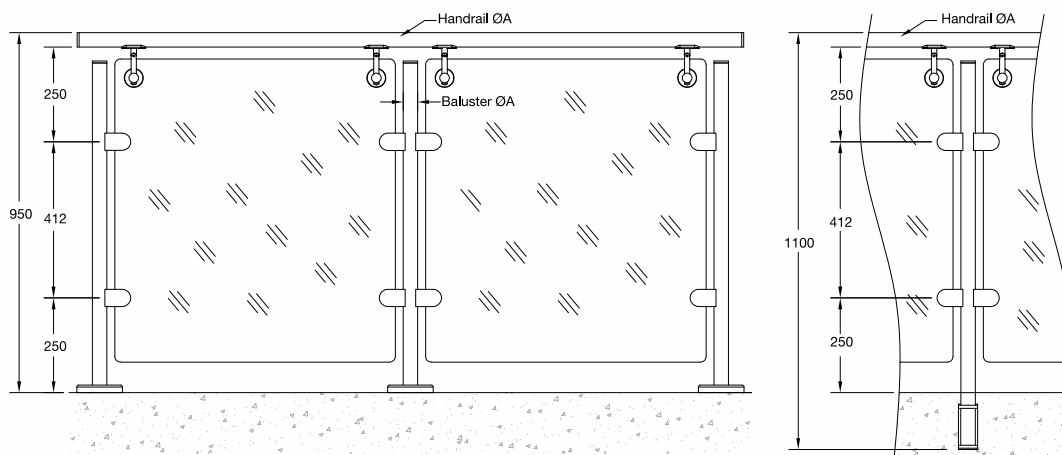
1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø38.1 x 1.5 (1.5")
 Ø50.8 x 2.0 (2.0")



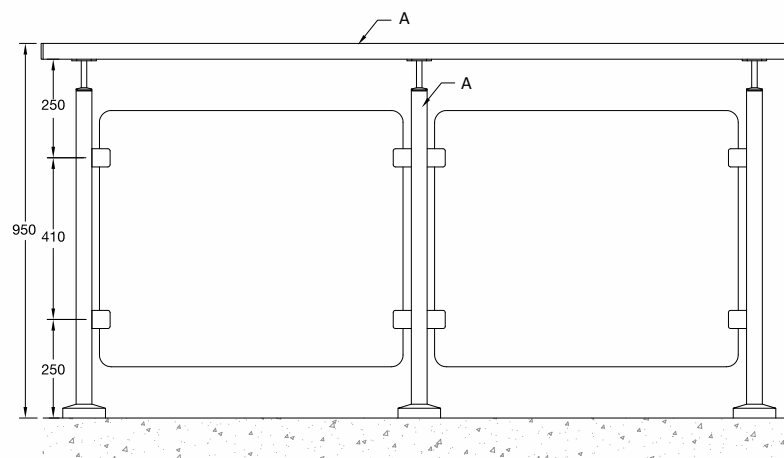
1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø38.1 x 1.5 (1.5")
 Ø50.8 x 2.0 (2.0")



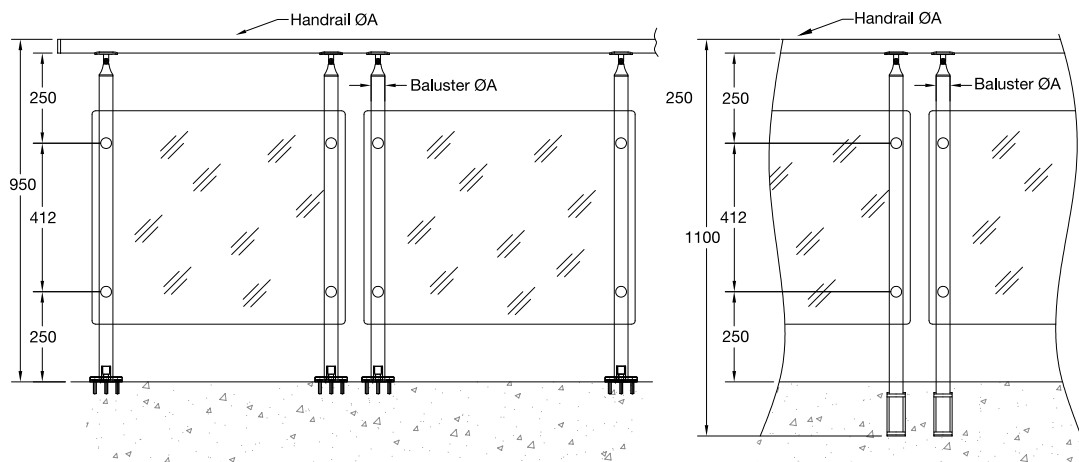
1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø38.1 x 1.5 (1.5")
 Ø50.8 x 2.0 (2.0")



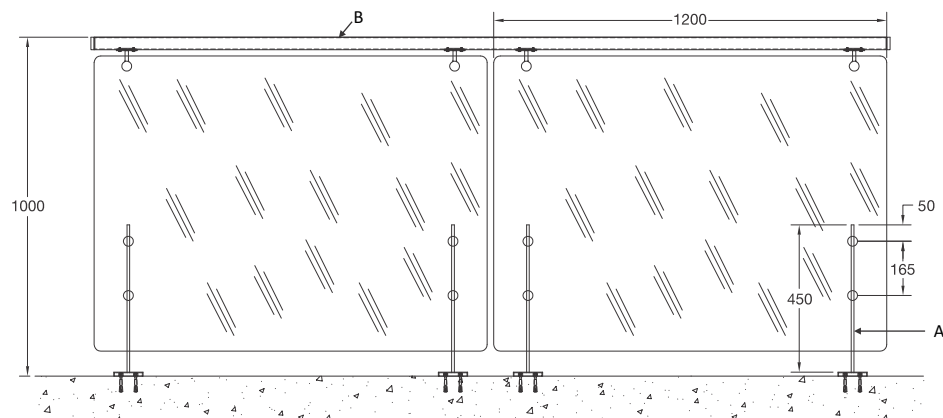
1. All dimensions in mm.
2. Sizes given are approximate.

A:- 40 x 40 x 2



1. All dimensions in mm.
2. Sizes given are approximate.

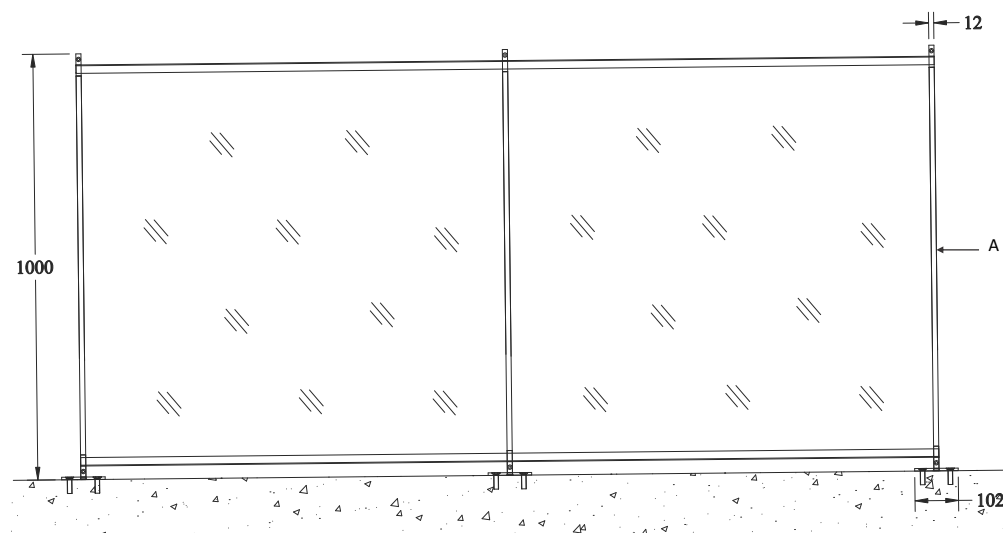
ØA:- Ø38.1 x 1.5 (1.5")
 Ø50.8 x 2.0 (2.0")



1. All dimensions in mm.
2. Sizes given are approximate.

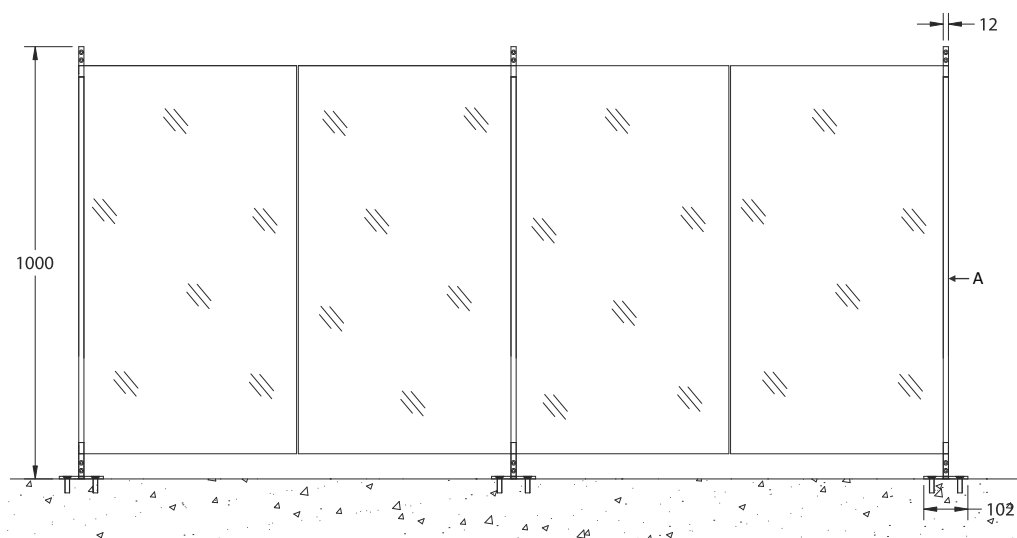
A:- 38.1 x 1.5 (1.5")
50.8 x 2.0 (2.0")

B:- 50 x 8



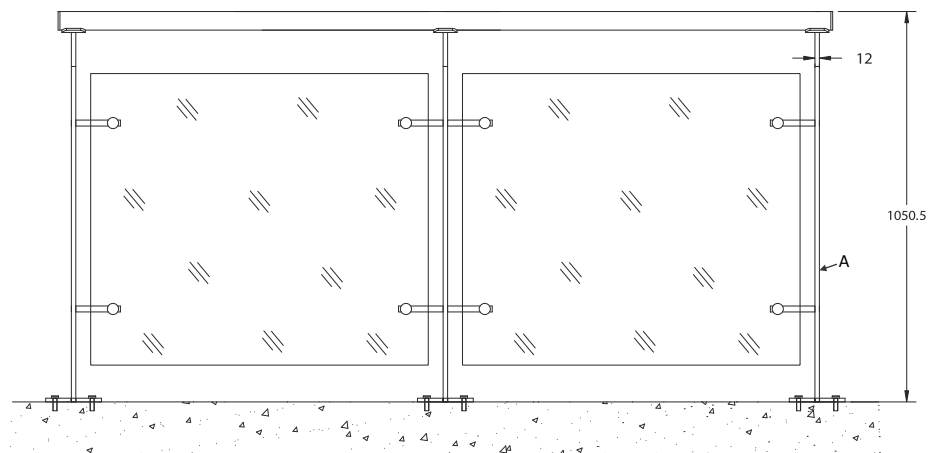
1. All dimensions in mm.
2. Sizes given are approximate.

A:- 50 x 12



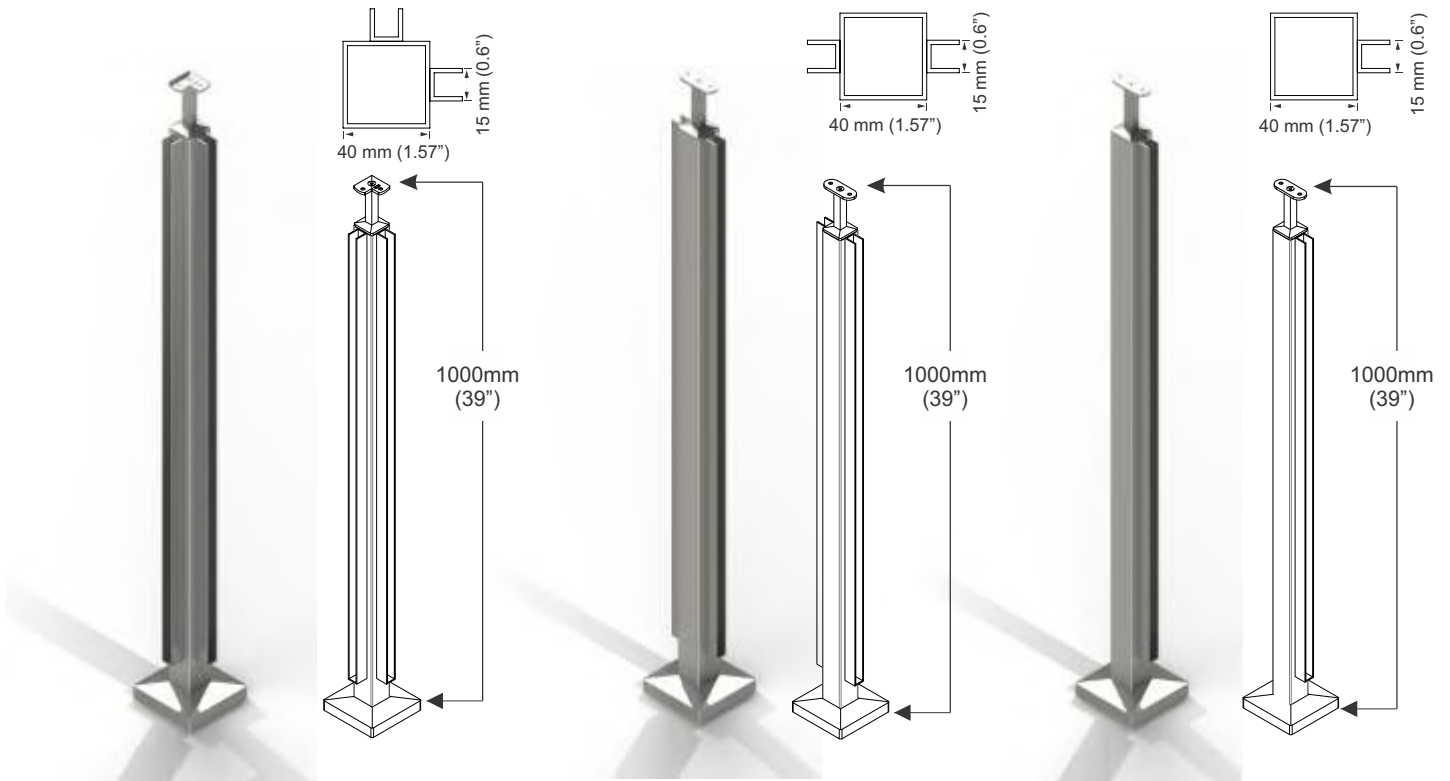
1. All dimensions in mm.
2. Sizes given are approximate.

A:- 50 x 12



1. All dimensions in mm.
2. Sizes given are approximate.

A:- 80 x12



90° POST

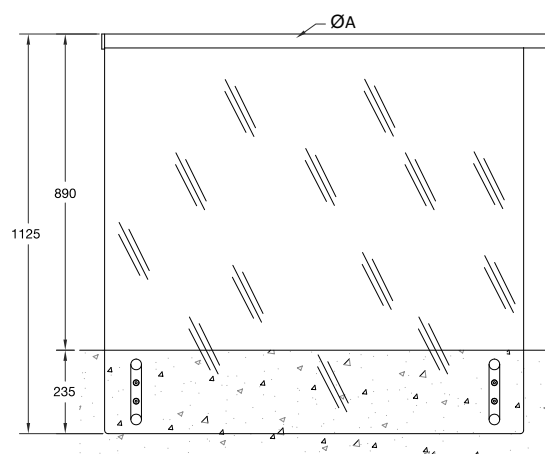
Part No.	Size	Tube Thickness
HPC.103.01.04.S	40 x 40 mm	1.5 mm

INLINE POST

Part No.	Size	Tube Thickness
HPC.101.01.04.S	40 x 40 mm	1.5 mm

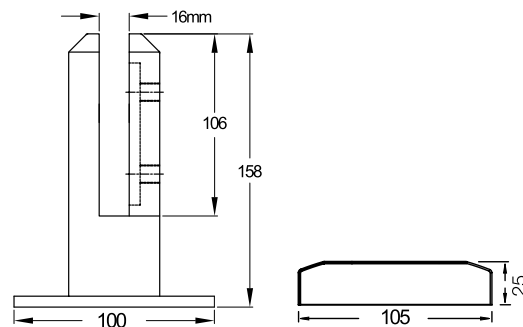
END POST

Part No.	Size	Tube Thickness
HPC.102.01.04.S	40 x 40 mm	1.5 mm

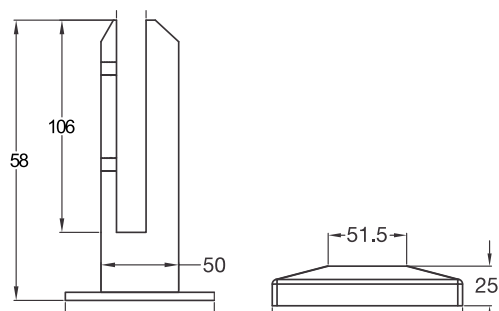


1. All dimensions in mm.
2. Sizes given are approximate.

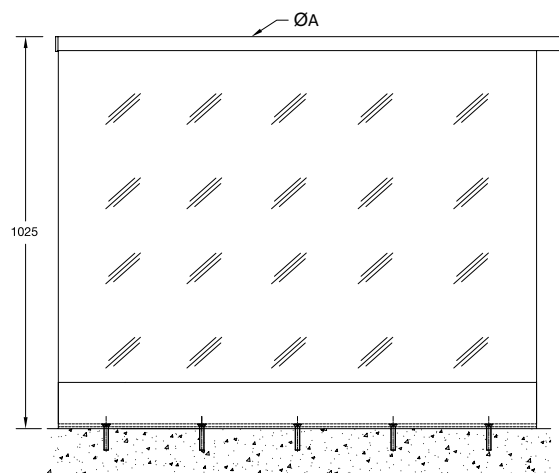
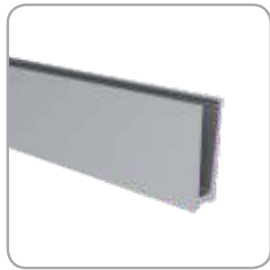
ØA:- 42.4 x 1.5



1. All dimensions in mm.
2. Sizes given are approximate.



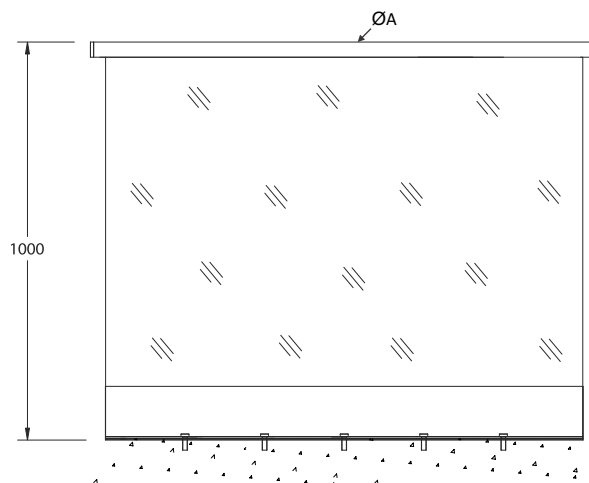
1. All dimensions in mm.
2. Sizes given are approximate.



1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø42.4 x 1.5

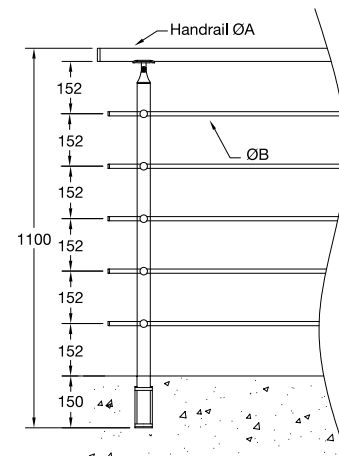
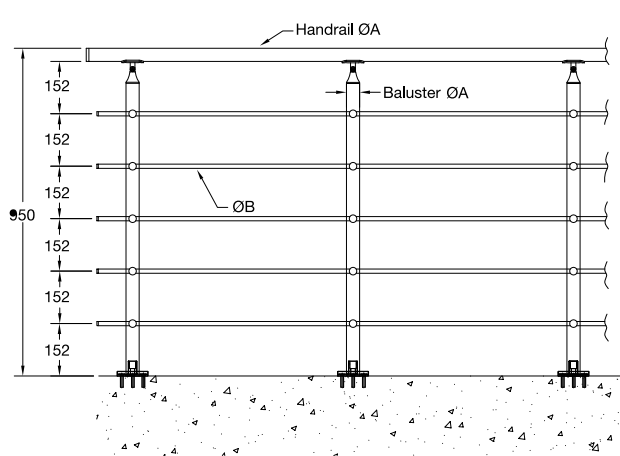
L - Light-weight channel tested for 1.5 kN Load



1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø42.4 x 1.5

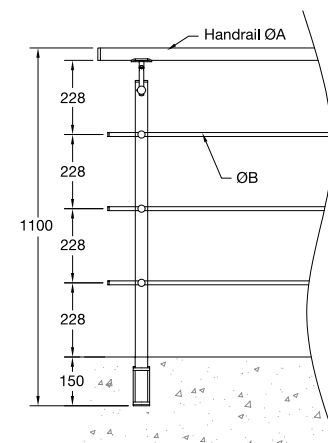
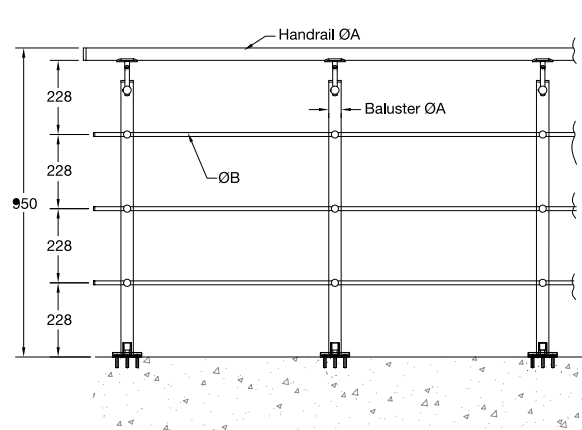
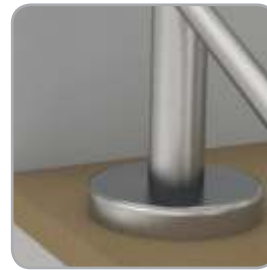
H- Heavy weight channel tested for 3 kN Load



1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø38.1 x 1.5 (1.5")
Ø50.8 x 2.0 (2.0")

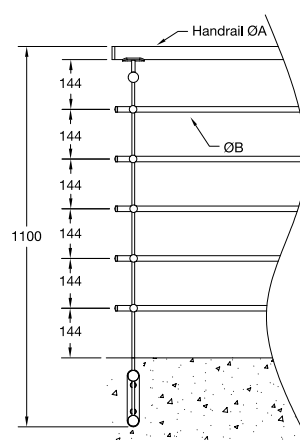
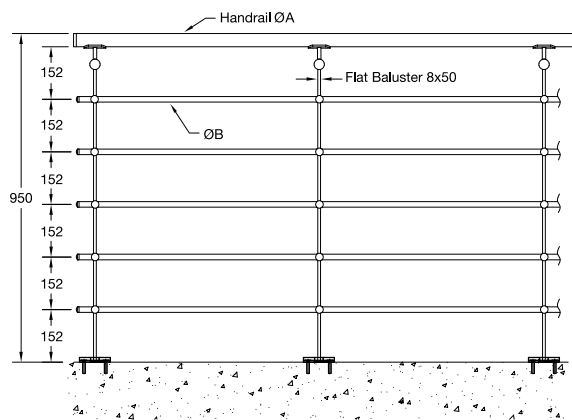
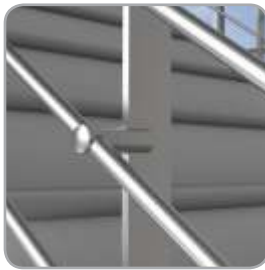
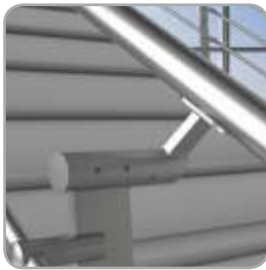
ØB:- Ø16 x 1
Ø14
Ø12



1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø38.1 x 1.5 (1.5")
Ø50.8 x 2.0 (2.0")

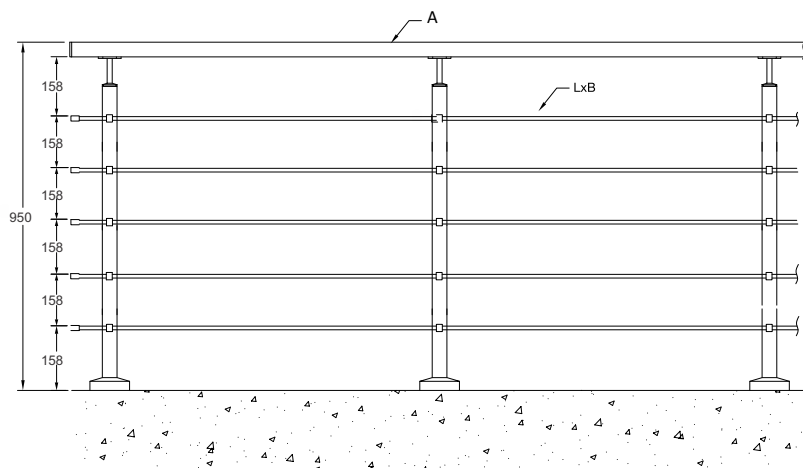
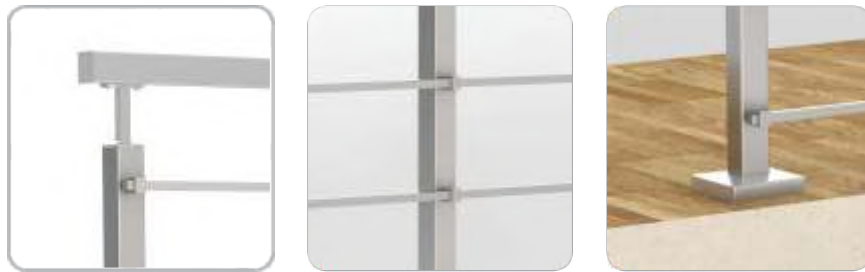
ØB:- Ø16 x 1
Ø14
Ø12



1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø38.1 x 1.5 (1.5")
Ø50.8 x 2.0 (2.0")

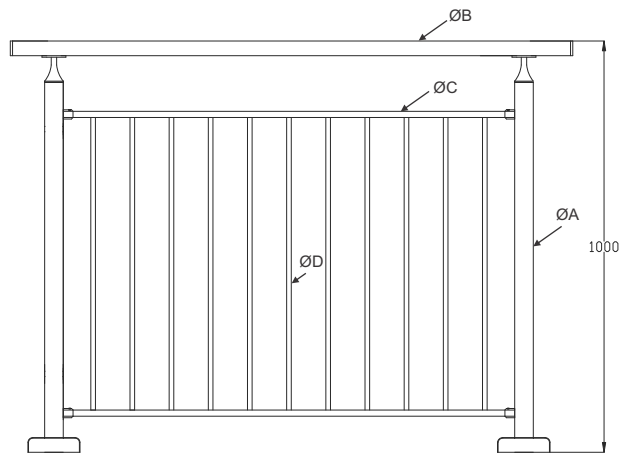
ØB:- Ø16 x 1
Ø14
Ø12



1. All dimensions in mm.
2. Sizes given are approximate.

A:- 40 x 40 x 2

L x B:- 10 x 10
12 x 12



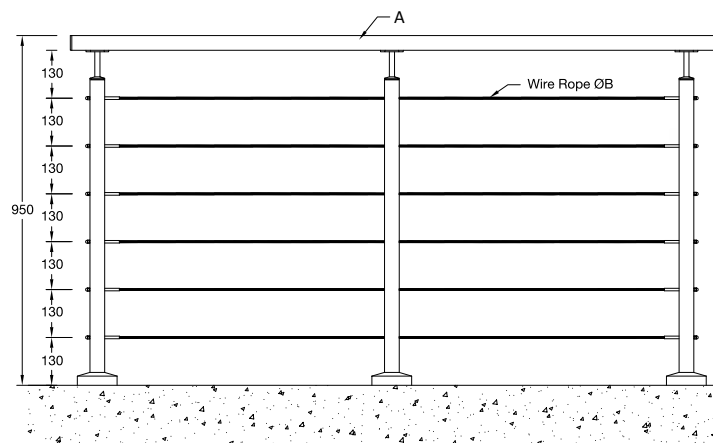
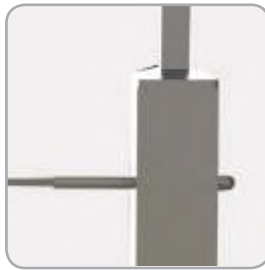
1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø38.1 x 1.5 (1.5")
 Ø42.4 x 1.5
 Ø48.3 x 1.5
 Ø50.8 x 2.0 (2.0")
 Ø50.8 x 1.5

ØB:- Ø38.1 x 1.5 (1.5")
 Ø42.4 x 1.5
 Ø48.3 x 1.5
 Ø50.8 x 2.0 (2.0")
 Ø50.8 x 1.5

ØC:- Ø20
 Ø16

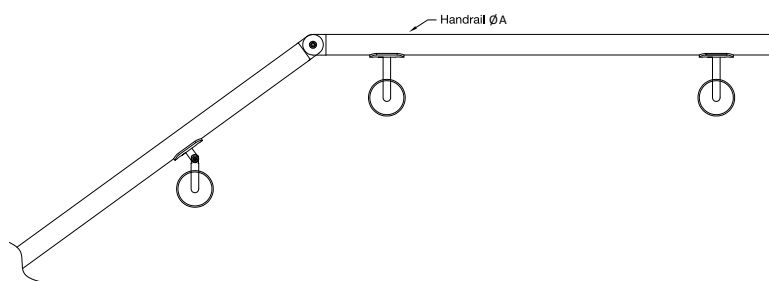
ØD:- Ø14
 Ø12
 Ø10



1. All dimensions in mm.
2. Sizes given are approximate.

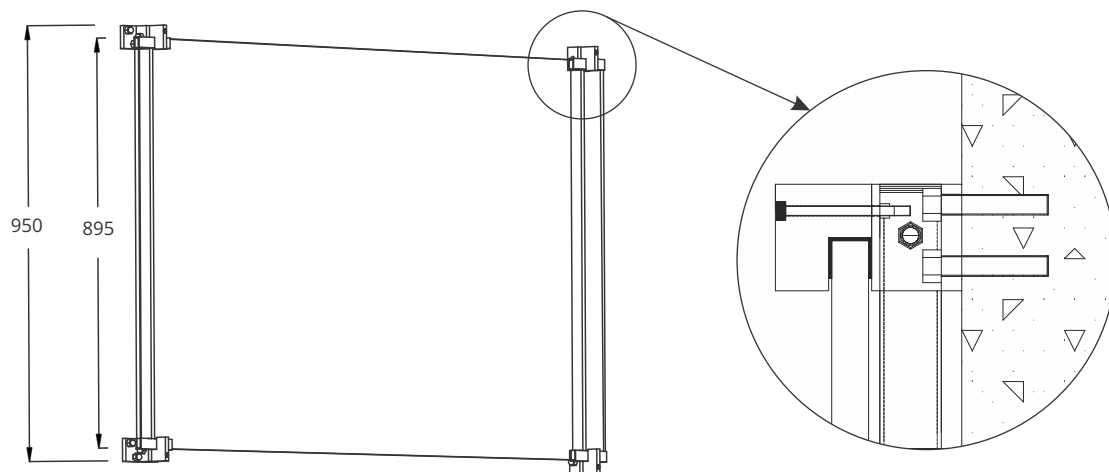
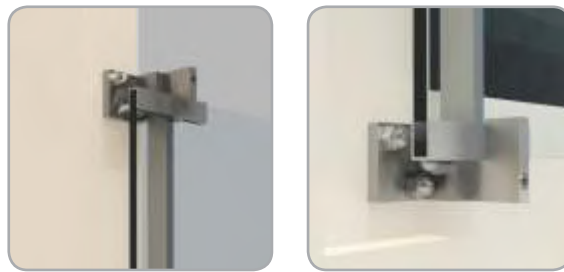
A:- 40 x 40 x 2

Wire Rope ØB:-
Ø6.0
Ø5.0
Ø4.0



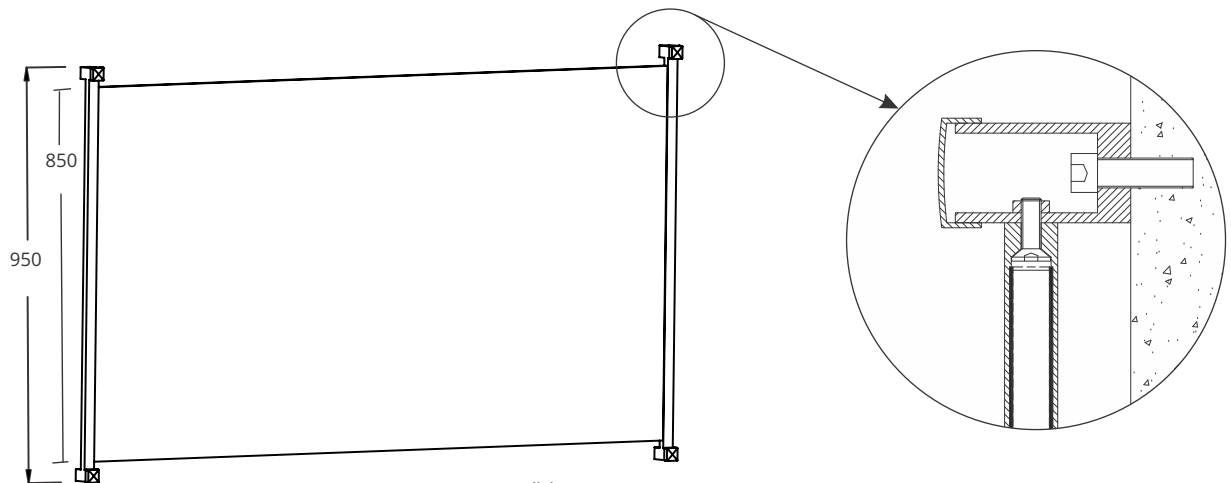
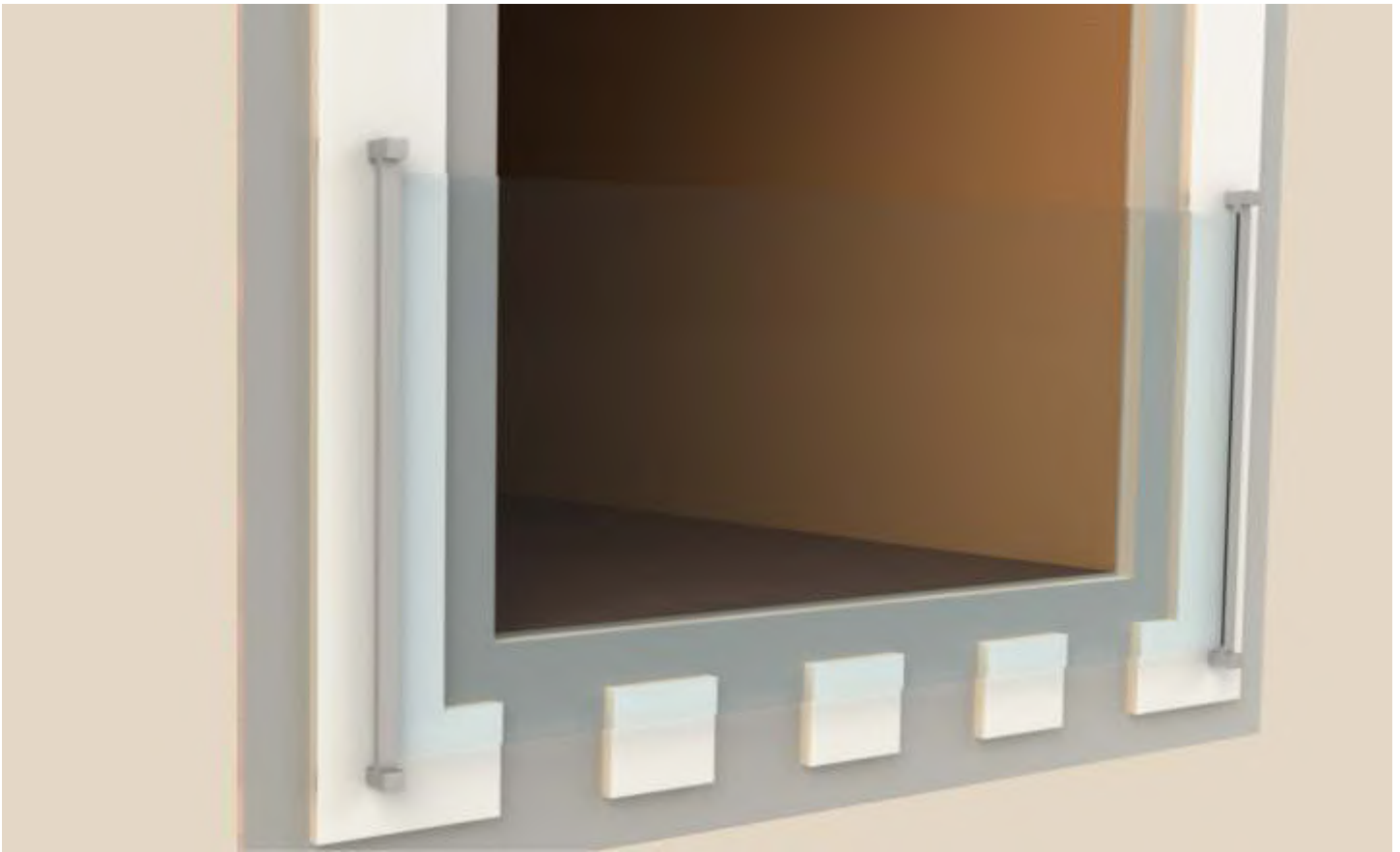
1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- Ø38.1 x 1.5 (1.5")
 Ø50.8 x 2.0 (2.0")



1. All dimensions in mm.
2. Sizes given are approximate.

H - Horizontal Support

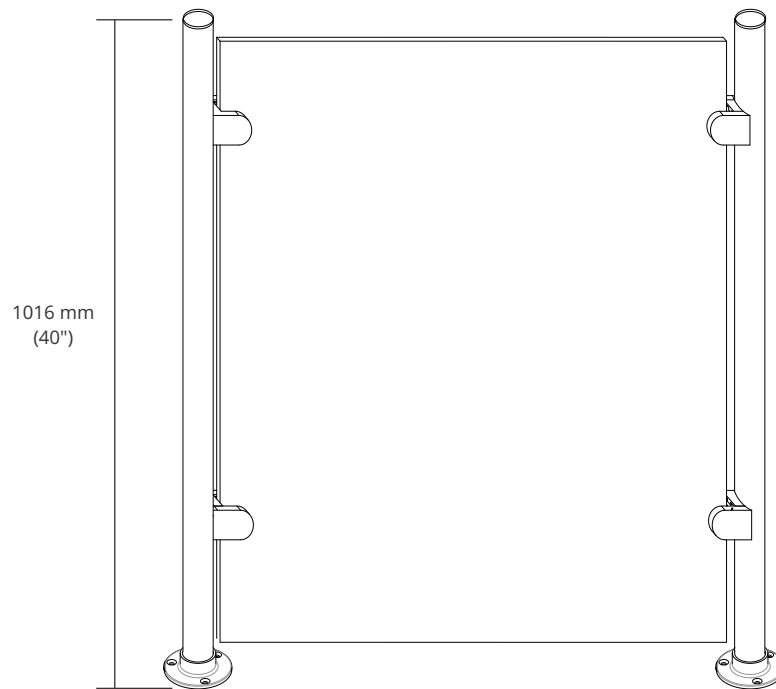


1. All dimensions in mm.
2. Sizes given are approximate.

V - Vertical Support



ALSO AVAILABLE LED RAILING



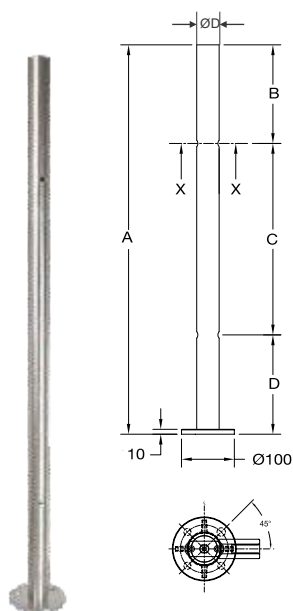
1. All dimensions in mm.
2. Sizes given are approximate.



Post / Baluster

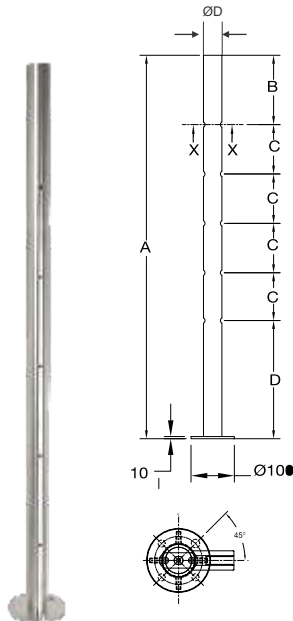
Round Post, Square Post, Flat Post

3



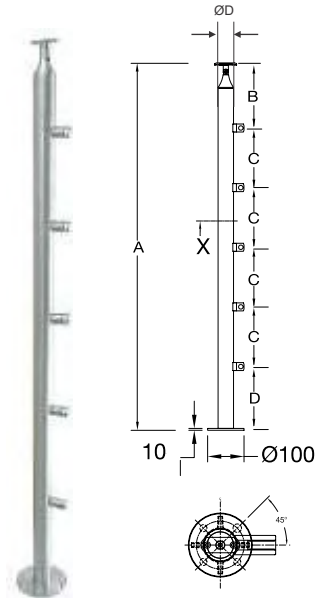
Round Post with Two Holes

Part No.	ØD (For Tube)	Tube Thickness
RP.101.01.04.S	42.4 mm	2 mm
RP.101.02.04.S	50.8 mm/2.0 inch	2 mm



Round Post with Five Holes

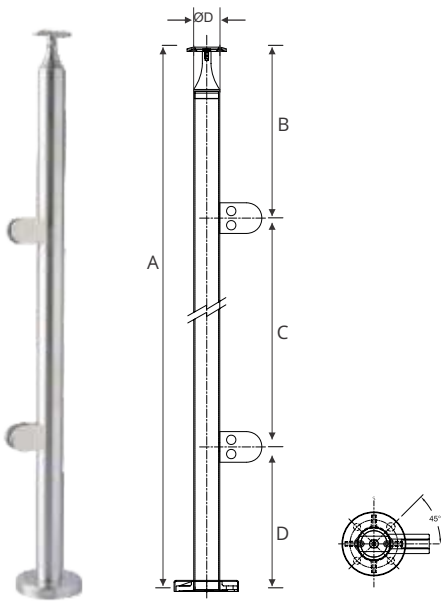
Part No.	ØD (For Tube)	Tube Thickness
RP.102.01.04.S	42.4 mm	2 mm
RP.102.02.04.S	50.8 mm/2.0 inch	2 mm



Round Post with Five Holders

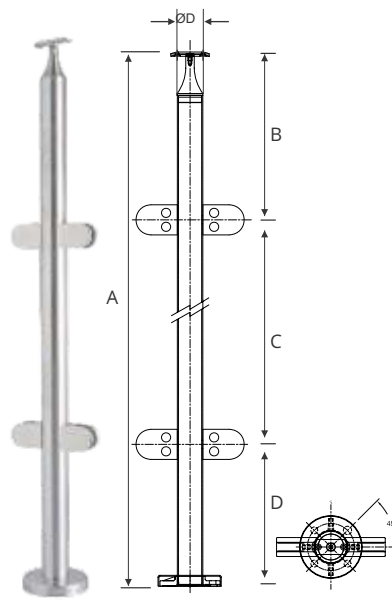
Part No.	ØD (For Tube)	Tube Thickness
RP.302.01.04.S	42.4 mm	2 mm
RP.302.02.04.S	50.8 mm/2.0 inch	2 mm

* A, B, C, D can be customized



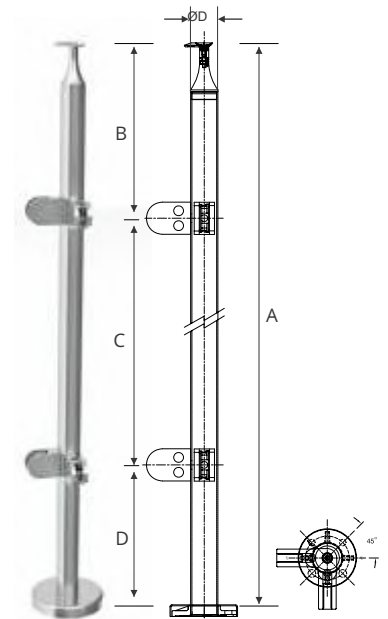
Round End Post with Two Big Glass Clip

Part No.	ØD (For Tube)	Tube Thickness
RP.305.01.04.S	42.4 mm	2 mm
RP.305.02.04.S	50.8 mm/2.0 inch	2 mm



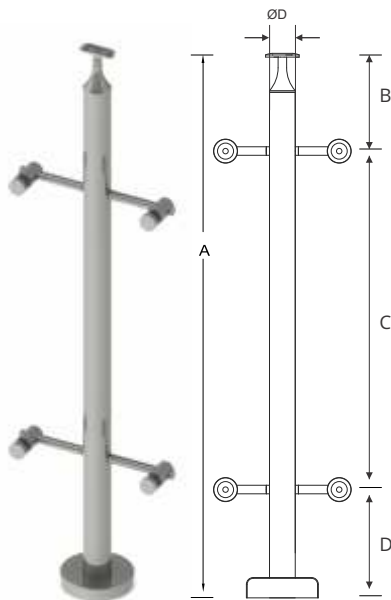
Round InLine Post with Two Big Glass Clip at 180°

Part No.	ØD (For Tube)	Tube Thickness
RP.304.01.04.S	42.4 mm	2 mm
RP.304.02.04.S	50.8 mm/2.0 inch	2 mm



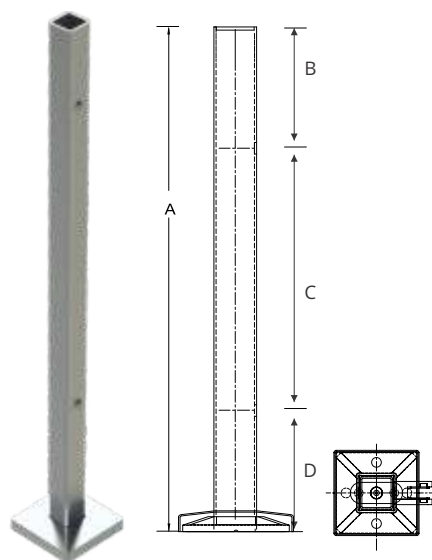
Round Corner Post with Four Big Glass Clip at 90°

Part No.	ØD (For Tube)	Tube Thickness
RP.306.01.04.S	42.4 mm	2 mm
RP.306.02.04.S	50.8 mm/2.0 inch	2 mm



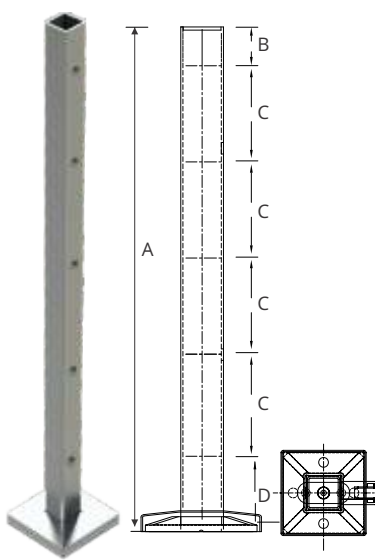
Round Post with Fixed Spider

Part No.	ØD (For Tube)	T (Thickness)
RP.402.02.04.S	48.3 mm	5 mm



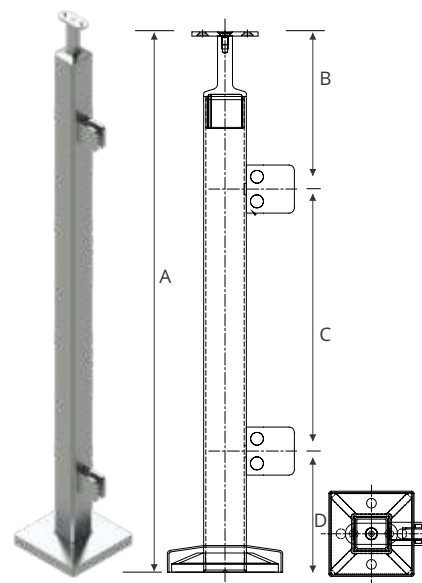
Square Post with Two Holes

Part No.	Tube	T (Thickness)
AP.101.02.04.S	40 x 40 mm	2 mm



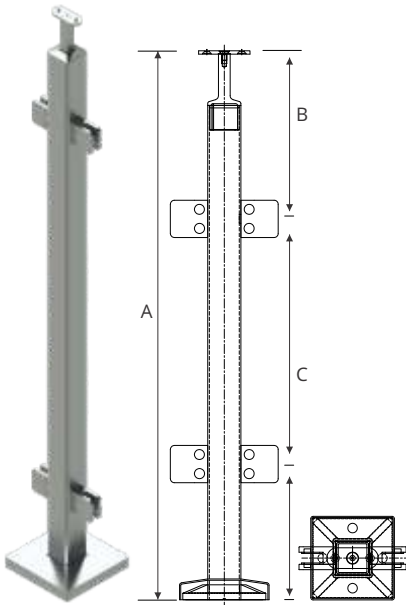
Square Post with Five Holes

Part No.	Tube	T (Thickness)
AP.102.02.04.S	40 x 40 mm	2 mm



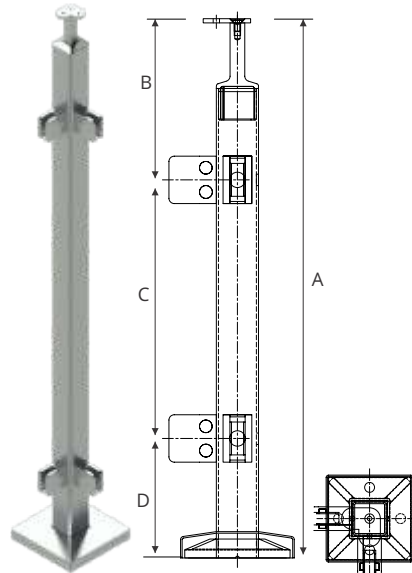
Square End Post with Two Small Glass Clip

Part No.	Tube	Tube Thickness
AP.302.01.04.S	40 x 40 mm	2 mm



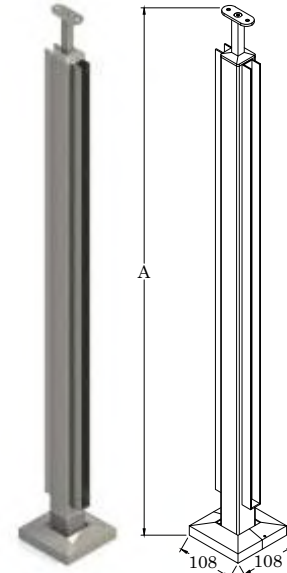
Square Inline Post with Two Small Glass Clip at 180°

Part No.	Tube	Tube Thickness
AP.304.01.04.S	40 x 40 mm	2 mm



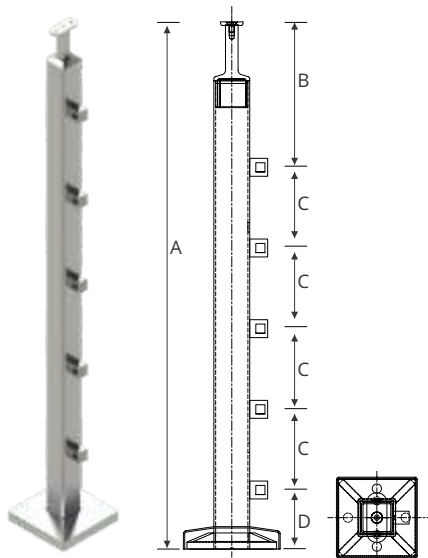
Square Corner Post with Four Small Glass Clip at 90°

Part No.	Tube	Tube Thickness
AP.303.01.04.S	40 x 40 mm	2 mm



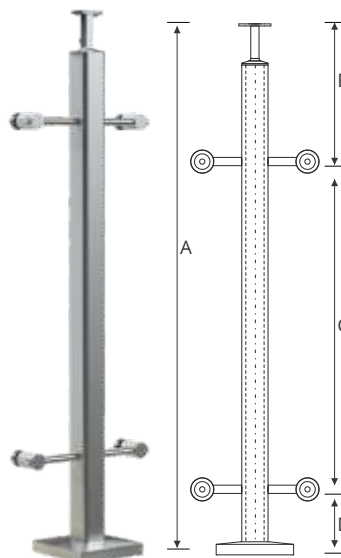
Slotted Square Post (Nile)

Part No.	Size	Tube Thickness
HPC.101.01.04.S	40 x 40 mm	1.5 mm
HPC.102.01.04.S	40 x 40 mm	1.5 mm
HPC.103.01.04.S	40 x 40 mm	1.5 mm



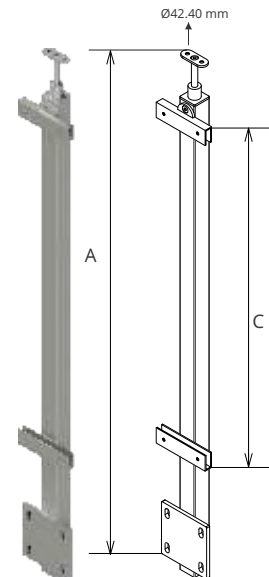
Square Post with five Square Holder

Part No.	D (Tube)	T (Thickness)
AP.301.01.04.S	40 x 40 mm	2 mm



Square Post with Fixed Spider

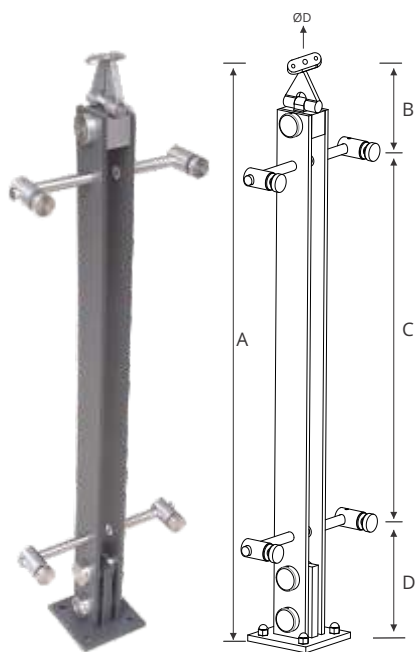
Part No.	D (Tube)	T (Thickness)
AP.204.01.04.S	40 x 40 mm	2 mm



Square Post with U Clamp (Vidrio)

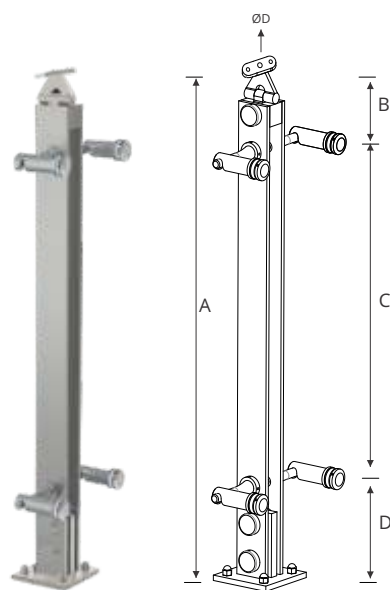
Part No.	A	C
MOD.300.21.04.S	1225 mm	880 mm
MOD.300.22.04.S	1425 mm	1030 mm

* A, B, C, D can be customized



Double Flat Bar with Fixed Spider

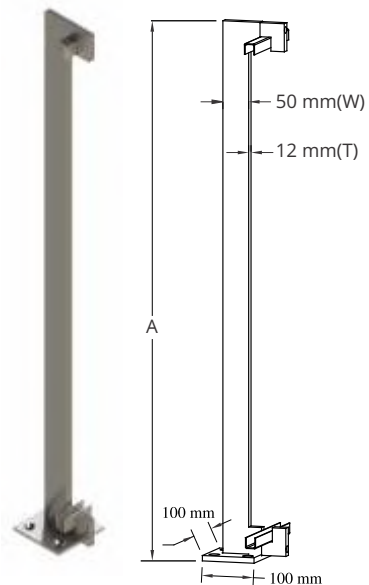
Part No.	Width	Thickness	ØD(For Tube)
BP.107.07.MI.S	65 mm	8 mm	50.8 mm



Double Flat Bar with Quick Assembly Spider

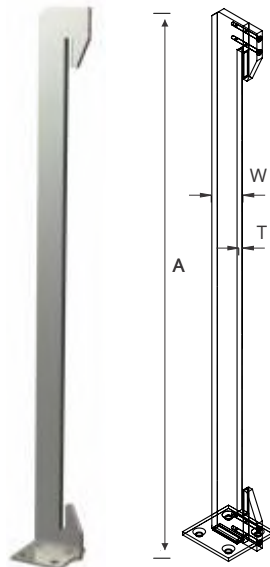
Part No.	Width	Thickness	ØD(For Tube)
BP.107.17.04.S	65 mm	8 mm	50.8 mm

* A, B, C, D can be customized



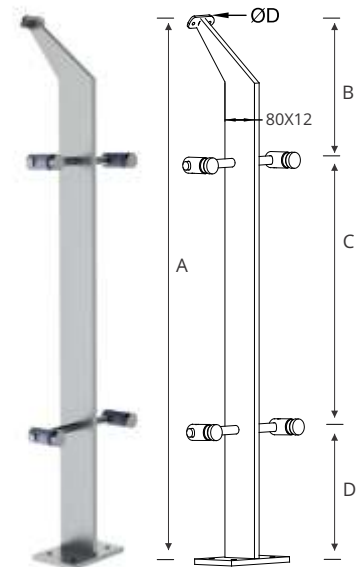
Flat Bar Post with U Channel (Linia)

Part No.	W(Width)	T (Thickness)
BP.103.02.04.S	50 mm	12 mm



Flat Bar Post without U channel

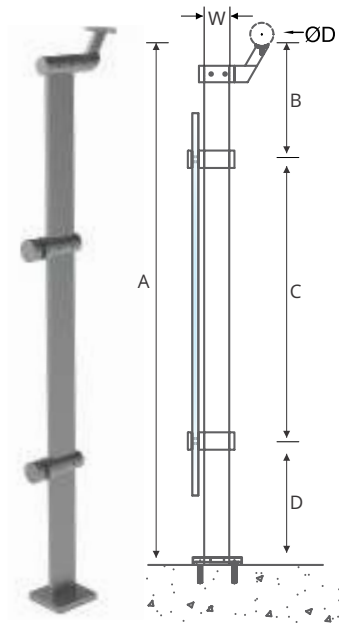
Part No.	W(Width)	T (Thickness)
BP.106.12.04.S	50 mm	10 mm



Flat Bar Post with Fixed Spider (Reiner)

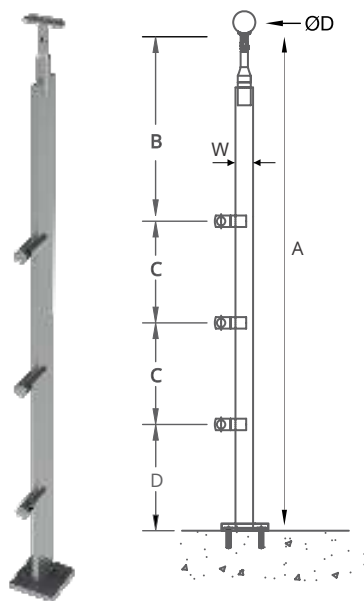
Part No.	W(Width)	T (Thickness)	ØD(For Tube)
BP.105.01.04.S	80 mm	12 mm	Flat
BP.105.03.04.S	80 mm	12 mm	50.8 mm/2.0inch

* A, B, C, D can be customized



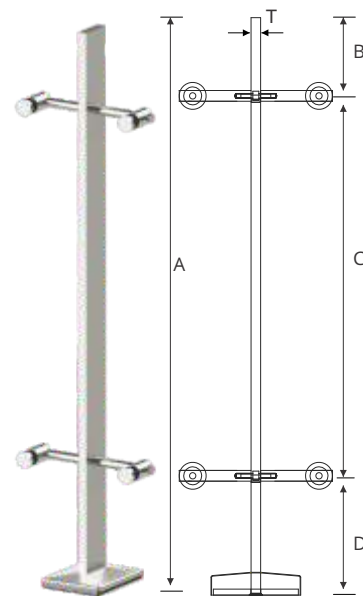
Flat Bar Post with Two Glass Holder

Part No.	Width	Thickness	ØD(For Tube)
BP.102.01.04.S	50 mm	8 mm	Flat
BP.102.02.04.S	50 mm	8 mm	33.7 mm
BP.102.03.04.S	50 mm	8 mm	42.4 mm
BP.102.04.04.S	50 mm	8 mm	48.3 mm
BP.102.06.04.S	50 mm	8 mm	38.1 mm/1.5 inch
BP.102.07.04.S	50 mm	8 mm	50.8 mm/2.0 inch



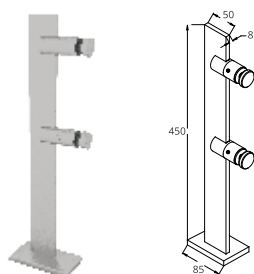
Flat Bar Post with Three Rod Holder

Part No.	Width	Thickness	ØD(For Tube)
BP.101.01.04.S	50 mm	8 mm	Flat
BP.101.02.04.S	50 mm	8 mm	33.7 mm
BP.101.03.04.S	50 mm	8 mm	42.4 mm
BP.101.04.04.S	50 mm	8 mm	48.3 mm
BP.101.06.04.S	50 mm	8 mm	38.1 mm/1.5 inch
BP.101.07.04.S	50 mm	8 mm	50.8 mm/2.0 inch



Flat Bar Post with Fixed Spider

Part No.	Width	T (Thickness)
BP.108.01.04.S	65 mm	16 mm



Mini Post

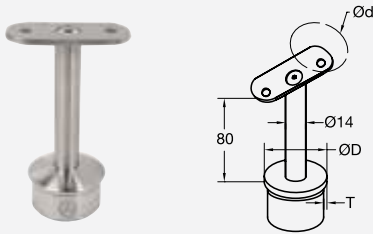
Part No.	Height	T(Thickness)
BP.104.01.04.S	450 mm	8 mm



Top Mounting

Brackets, Top Handrail Attachments,
Handrail & Handrail Attachments

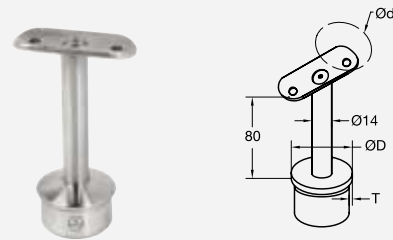
4



Tube Support with Fixed Flat Saddle



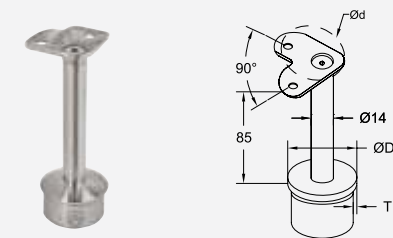
Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TF.002.01.04.S	33.7 mm	2.0 mm	Flat
TF.003.01.04.S	42.4 mm	2.0 mm	Flat
TF.013.01.04.S	42.4 mm	2.6 mm	Flat
TF.004.01.04.S	48.3 mm	2.0 mm	Flat
TF.014.01.04.S	48.3 mm	2.6 mm	Flat
TF.105.01.04.S	38.1 mm / 1.5 inch	1.5 mm	Flat
TF.106.01.04.S	50.8 mm / 2.0 inch	1.5 mm	Flat
TF.006.01.04.S	50.8 mm / 2.0 inch	2.0 mm	Flat



Tube Support with Fixed Round Saddle



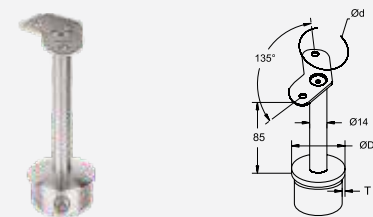
Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TF.002.02.04.S	33.7 mm	2.0 mm	33.7 mm
TF.003.03.04.S	42.4 mm	2.0 mm	42.4 mm
TF.013.03.04.S	42.4 mm	2.6 mm	42.4 mm
TF.004.04.04.S	48.3 mm	2.0 mm	48.3 mm
TF.014.03.04.S	48.3 mm	2.6 mm	42.4 mm
TF.014.04.04.S	48.3 mm	2.6 mm	48.3 mm
TF.106.06.04.S	38.1 mm / 1.5 inch	1.5 mm	38.1 mm / 1.5 inch
TF.106.07.04.S	38.1 mm / 1.5 inch	1.5 mm	50.8 mm / 2.0 inch
TF.107.06.04.S	50.8 mm / 2.0 inch	1.5 mm	38.1 mm / 1.5 inch
TF.107.07.04.S	50.8 mm / 2.0 inch	1.5 mm	50.8 mm / 2.0 inch
TF.007.06.04.S	38.1 mm / 1.5 inch	2.0 mm	38.1 mm / 1.5 inch
TF.007.07.04.S	50.8 mm / 2.0 inch	2.0 mm	50.8 mm / 2.0 inch



Tube Support with 90° Round Saddle



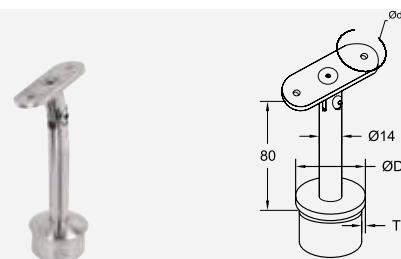
Part No.	ØD(For Tube)	T(Thickness)	Ød(HRA for elbow 90°)
TF.003.23.04.S	42.4 mm	2.0 mm	42.4 mm
TF.013.23.04.S	42.4 mm	2.6 mm	42.4 mm
TF.004.24.04.S	48.3 mm	2.0 mm	48.3 mm
TF.014.23.04.S	48.3 mm	2.6 mm	42.4 mm
TF.014.24.04.S	48.3 mm	2.6 mm	48.3 mm
TF.105.25.04.S	38.1 mm / 1.5 inch	1.5 mm	38.1 mm / 1.5 inch
TF.105.26.04.S	38.1 mm / 1.5 inch	1.5 mm	50.8 mm / 2.0 inch
TF.106.25.04.S	50.8 mm / 2.0 inch	1.5 mm	38.1 mm / 1.5 inch
TF.106.26.04.S	50.8 mm / 2.0 inch	1.5 mm	50.8 mm / 2.0 inch
TF.006.25.04.S	50.8 mm / 2.0 inch	2.0 mm	38.1 mm / 1.5 inch
TF.006.26.04.S	50.8 mm / 2.0 inch	2.0 mm	50.8 mm / 2.0 inch



Tube Support with Fixed 135° Round Saddle



Part No.	ØD(For Tube)	T(Thickness)	Ød(HRA for elbow 135°)
TF.003.13.04.S	42.4 mm	2.0 mm	42.4 mm
TF.013.13.04.S	42.4 mm	2.6 mm	42.4 mm
TF.004.14.04.S	48.3 mm	2.0 mm	48.3 mm
TF.014.13.04.S	48.3 mm	2.6 mm	42.4 mm
TF.014.14.04.S	48.3 mm	2.6 mm	48.3 mm
TF.105.15.04.S	38.1 mm / 1.5 inch	1.5 mm	38.1 mm / 1.5 inch
TF.105.16.04.S	38.1 mm / 1.5 inch	1.5 mm	50.8 mm / 2.0 inch
TF.106.15.04.S	50.8 mm / 2.0 inch	1.5 mm	38.1 mm / 1.5 inch
TF.106.16.04.S	50.8 mm / 2.0 inch	1.5 mm	50.8 mm / 2.0 inch
TF.006.15.04.S	50.8 mm / 2.0 inch	2.0 mm	38.1 mm / 1.5 inch
TF.006.16.04.S	50.8 mm / 2.0 inch	2.0 mm	50.8 mm / 2.0 inch

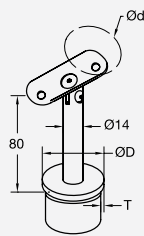


Tube Support with Swivel & Flat Saddle



Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TS.002.01.04.S	33.7mm	2.0 mm	Flat
TS.003.01.04.S	42.4 mm	2.0 mm	Flat
TS.013.01.04.S	42.4 mm	2.6 mm	Flat
TS.004.01.04.S	48.3 mm	2.0 mm	Flat
TS.014.01.04.S	48.3 mm	2.6 mm	Flat
TS.106.01.04.S	38.1 mm / 1.5 inch	1.5 mm	Flat
TS.107.01.04.S	50.8 mm / 2.0 inch	1.5 mm	Flat
TS.007.01.04.S	50.8 mm / 2.0 inch	2.0 mm	Flat

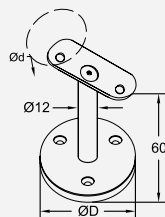
TUBE SUPPORT WITH SADDLE



Tube Support with Swivel & Round Saddle



Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TS.002.02.04.S	33.7mm	2.0 mm	33.7 mm
TS.003.03.04.S	42.4 mm	2.0 mm	42.4 mm
TS.013.03.04.S	42.4 mm	2.6 mm	42.4 mm
TS.004.04.04.S	48.3 mm	2.0 mm	48.3 mm
TS.014.03.04.S	48.3 mm	2.6 mm	42.4 mm
TS.014.04.04.S	48.3 mm	2.6 mm	48.3 mm
TS.106.06.04.S	38.1 mm / 1.5 inch	1.5 mm	38.1 mm / 1.5 inch
TS.106.07.04.S	38.1 mm / 1.5 inch	1.5 mm	50.8 mm / 2.0 inch
TS.107.06.04.S	50.8 mm / 2.0 inch	1.5 mm	38.1 mm / 1.5 inch
TS.107.07.04.S	50.8 mm / 2.0 inch	1.5 mm	50.8 mm / 2.0 inch
TS.007.06.04.S	50.8 mm / 2.0 inch	2.0 mm	38.1 mm / 1.5 inch
TS.007.07.04.S	50.8 mm / 2.0 inch	2.0 mm	50.8 mm / 2.0 inch

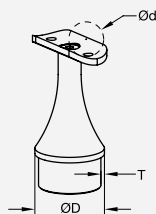


Tube Support for Wall Mount



Part No.	Ød(For Tube)	ØD(Dia.)
TF.001.01.04.S	Flat	58.0 mm
TF.001.02.04.S	33.7 mm	58.0 mm
TF.001.03.04.S	42.4 mm	58.0 mm
TF.001.04.04.S	48.3 mm	58.0 mm
TF.001.06.04.S	38.1 mm / 1.5 inch	58.0 mm
TF.001.07.04.S	50.8 mm / 2.0 inch	58.0 mm

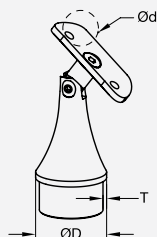
CLASSICAL TUBE SUPPORT WITH SADDLE



Cone-shape Tube Support with Flat Saddle



Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TF.203.01.04.S	42.4 mm	2.0 mm	Flat
TF.203.02.04.S	42.4 mm	2.0 mm	33.7 mm
TF.203.03.04.S	42.4 mm	2.0 mm	42.4 mm
TF.203.23.04.S	42.4 mm	2.6 mm	42.4 mm
TF.205.15.04.S	38.1 mm / 1.5 inch	1.5 mm	38.1 mm / 1.5 inch
TF.205.16.04.S	38.1 mm / 1.5 inch	1.5 mm	50.8 mm / 2.0 inch
TF.206.15.04.S	50.8 mm / 2.0 inch	1.5 mm	38.1 mm / 1.5 inch
TF.206.16.04.S	50.8 mm / 2.0 inch	1.5 mm	50.8 mm / 2.0 inch
TF.206.05.04.S	50.8 mm / 2.0 inch	2.0 mm	38.1 mm / 1.5 inch
TF.206.06.04.S	50.8 mm / 2.0 inch	2.0 mm	50.8 mm / 2.0 inch



Cone-shape Tube Support with Swivel & Round Saddle



Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TS.203.01.04.S	42.4 mm	2.0 mm	Flat
TS.203.02.04.S	42.4 mm	2.0 mm	33.7 mm
TS.203.03.04.S	42.4 mm	2.0 mm	42.4 mm
TS.203.23.04.S	42.4 mm	2.6 mm	42.4 mm
TS.205.15.04.S	38.1 mm / 1.5 inch	1.5 mm	38.1 mm / 1.5 inch
TS.205.16.04.S	38.1 mm / 1.5 inch	1.5 mm	50.8 mm / 2.0 inch
TS.206.15.04.S	50.8 mm / 2.0 inch	1.5 mm	38.1 mm / 1.5 inch
TS.206.16.04.S	50.8 mm / 2.0 inch	1.5 mm	50.8 mm / 2.0 inch
TS.206.05.04.S	50.8 mm / 2.0 inch	2.0 mm	38.1 mm / 1.5 inch
TS.206.06.04.S	50.8 mm / 2.0 inch	2.0 mm	50.8 mm / 2.0 inch

INSTALLATION INSTRUCTIONS

1

Flexible tube-support with 42.4 mm HRA and for 42.4 mm pipe fitting

2

Aligning HRA holes with tube holes

3

Insert button head screw in HRA hole and Tighten to screw with L-Key in Pipe

4

Insert button head screw in HRA hole and Tighten to screw with El-key in Pipe

5

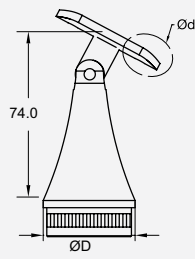
Allowing Glue to fix

6

Align as per your requirement

7

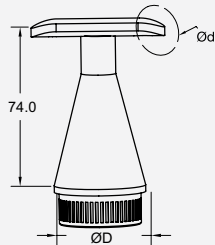
Final View



Conical Flexible Tube Support



Part No.	ØD	Thickness	Ød
TS.303.03.04.S	42.4 mm	2.0 mm	Ø 42.4 mm

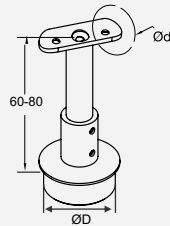


Conical Fixed Tube Support



Part No.	ØD	Thickness	Ød
TF.303.03.04.S	42.4 mm	2.0 mm	Ø 42.4 mm

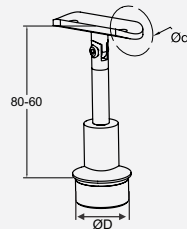
ADJUSTABLE TUBE SUPPORTS



Adjustable Tube Support with Round Saddle



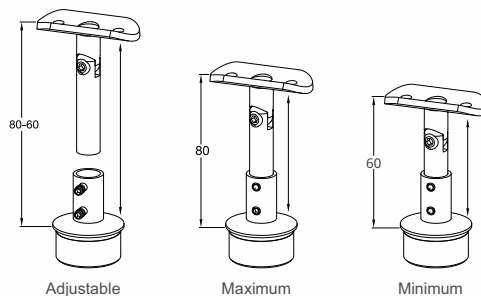
Part No.	ØD	Thickness	Ød
TFA.203.03.04.S	42.4 mm	2.0 mm	Ø 42.4 mm



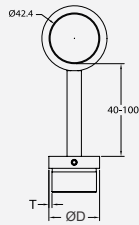
Adjustable Tube Support with Swivel Round Saddle



Part No.	ØD	Thickness	Ød
TSA.203.03.04.S	42.4 mm	2.0 mm	Ø 42.4 mm



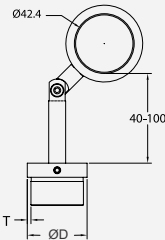
PIPE PLUG WITH ADJUSTABLE ROD



Adjustable Tube Support with Ring



Part No.	ØD(For Tube)	T(Plate Dia.)
TF.207.02.04.S	42.4 mm	2.0 mm

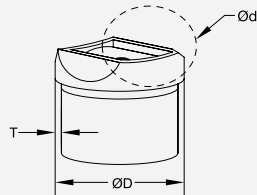


Adjustable Tube Support with Swivel Ring



Part No.	ØD(For Tube)	T(Plate Dia.)
TS.207.02.04.S	42.4 mm	2.0 mm

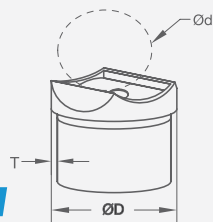
TUBE RESTS



Flat Handrail Tube Rest



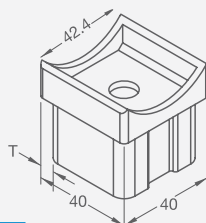
Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TR.002.01.04.S	33.7 mm	2.0 mm	Flat
TR.003.01.04.S	42.4 mm	2.0 mm	Flat
TR.013.01.04.S	42.4 mm	2.6 mm	Flat
TR.004.01.04.S	48.3 mm	2.0 mm	Flat
TR.014.01.04.S	48.3 mm	2.6 mm	Flat
TR.026.01.04.S	38.1 mm / 1.5 inch	1.5 mm	Flat
TR.027.01.04.S	50.8 mm / 2.0 inch	1.5 mm	Flat
TR.007.01.04.S	50.8 mm / 2.0 inch	2.0 mm	Flat



Round Handrail Tube Rest



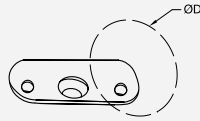
Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TR.002.02.04.S	33.7 mm	2.0 mm	33.7 mm
TR.003.03.04.S	42.4 mm	2.0 mm	42.4 mm
TR.013.03.04.S	42.4 mm	2.6 mm	42.4 mm
TR.004.04.04.S	48.3 mm	2.0 mm	48.3 mm
TR.014.03.04.S	48.3 mm	2.6 mm	42.4 mm
TR.014.04.04.S	48.3 mm	2.6 mm	48.3 mm
TR.026.06.04.S	38.1 mm / 1.5 inch	1.5 mm	38.1 mm / 1.5 inch
TR.026.07.04.S	38.1 mm / 1.5 inch	1.5 mm	50.8 mm / 2.0 inch
TR.027.06.04.S	50.8 mm / 2.0 inch	1.5 mm	38.1 mm / 1.5 inch
TR.027.07.04.S	50.8 mm / 2.0 inch	1.5 mm	50.8 mm / 2.0 inch
TR.007.06.04.S	50.8 mm / 2.0 inch	2.0 mm	38.1 mm / 1.5 inch
TR.007.07.04.S	50.8 mm / 2.0 inch	2.0 mm	50.8 mm / 2.0 inch



Square Handrail Tube Rest



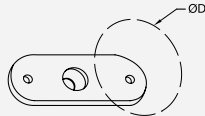
Part No.	S(For Tube)	T(Thickness)
TRS.001.04.04.S	40 x 40 mm	2.0 mm



Round Tube Saddle



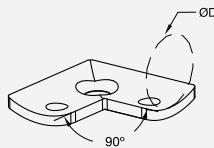
Part No.	ØD(For Tube)
UA.001.02.04.S	33.7 mm
UA.001.03.04.S	42.4 mm
UA.001.04.04.S	48.3 mm
UA.001.06.04.S	38.1 mm / 1.5 inch
UA.001.07.04.S	50.8 mm / 2.0 inch



Flat Tube Saddle



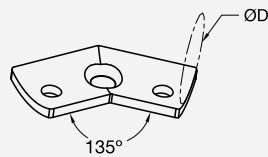
Part No.	D(For Tube)
UA.001.01.04.S	Flat



L-shape Saddle 90°



Part No.	ØD(For Tube)
UA.001.23.04.S	42.4 mm
UA.001.24.04.S	48.3 mm
UA.001.26.04.S	38.1 mm / 1.5 inch
UA.001.27.04.S	50.8 mm / 2.0 inch

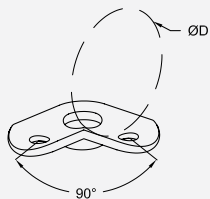


Saddle 135°



Part No.	ØD(For Tube)
UA.001.13.04.S	42.4 mm
UA.001.14.04.S	48.3 mm
UA.001.16.04.S	38.1 mm / 1.5 inch
UA.001.17.04.S	50.8 mm / 2.0 inch

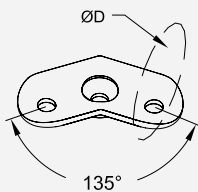
TUBE SADDLES



Heart-shape Saddle



Part No.	ØD(For Tube)
UA.002.23.04.S	42.4 mm
UA.002.24.04.S	48.3 mm
UA.002.26.04.S	38.1 mm / 1.5 inch
UA.002.27.04.S	50.8 mm / 2.0 inch

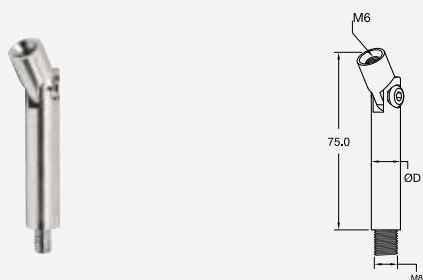


135° Saddle



Part No.	ØD(For Tube)
UA.002.13.04.S	42.4 mm
UA.002.14.04.S	48.3 mm
UA.002.16.04.S	38.1 mm / 1.5 inch
UA.002.17.04.S	50.8 mm / 2.0 inch





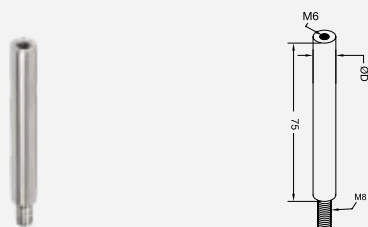
Round Straight Flexible External Thread

Part No.	ØD(Bar Dia.)	Pin thread	Hole Thread
SP.001.21.04.S	12 mm	M8	M6
SP.002.21.04.S	14 mm	M8	M6



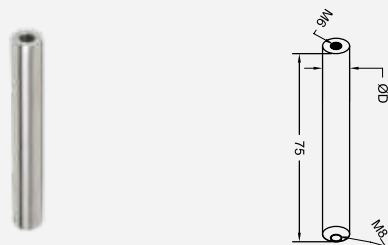
Round Straight Flexible with Internal Thread

Part No.	ØD(Bar Dia.)	Hole Thread	Hole Thread
SP.001.22.04.S	12 mm	M6	M8
SP.002.22.04.S	14 mm	M6	M8



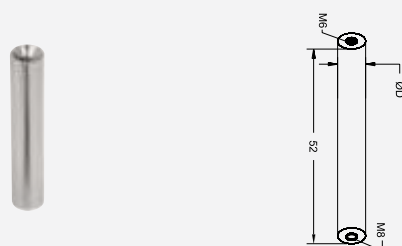
Straight Rod with Internal & External Thread

Part No.	ØD(Bar Dia.)	Pin thread	Hole Thread
FP.001.21.04.S	12 mm	M8	M6
FP.002.21.04.S	14 mm	M8	M6



Round Straight Fixed Both Side Thread

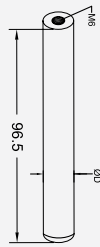
Part No.	ØD(Bar Dia.)	Hole Thread	Hole Thread
FP.001.22.04.S	12 mm	M8	M6
FP.002.22.04.S	14 mm	M8	M6



Straight Rod for Length 52 mm

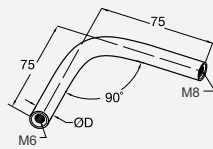
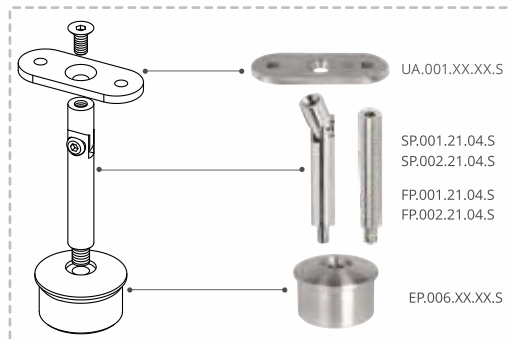
Part No.	ØD(Bar Dia.)	Hole Thread	Hole Thread
FP.011.22.04.S	12 mm	M8	M6

PIN/BENDS



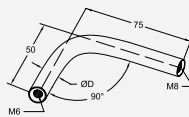
Straight Rod with One Side Hole

Part No.	ØD(Bar Dia.)	Hole Thread
FP012.20.04.S	14 mm	M6



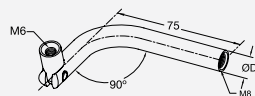
Round Bend Fixed

Part No.	ØD(Bar Dia.)	Hole Thread	Hole Thread
FB.001.22.04.S	12 mm	M6	M8
FB.002.22.04.S	14 mm	M6	M8



Round Flexed Bend for 12 mm dia

Part No.	ØD(Bar Dia.)	Hole Thread	Hole Thread
FB.003.22.04.S	12 mm	M6	M8



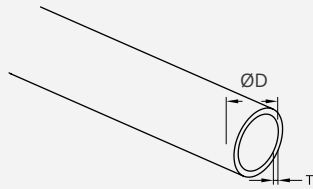
Round Bend Flexible

Part No.	ØD(Bar Dia.)	Hole Thread	Hole Thread
SB.001.22.04.S	12 mm	M6	M8
SB.002.22.04.S	14 mm	M6	M8

TOP RAIL RANGE

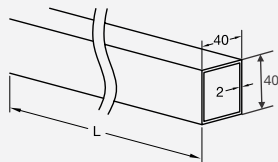
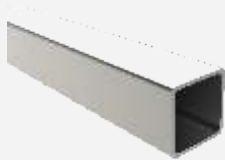


TUBES/RODS



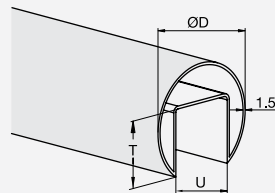
Round Tube

Part No.	ØD	Thickness
RT.033.20.04.S	33.7 mm	2 mm
RT.038.15.04.S	38.1 mm/1.5"	1.5 mm
RT.042.20.04.S	42.4 mm	2 mm
RT.048.20.04.S	48.3 mm	2 mm
RT.050.20.04.S	50.8 mm/2"	2 mm



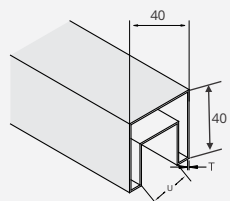
Square Tube

Part No.	Tube Size	T(Thickness)
ZX.040.40.04.S	40x40 mm	2 mm



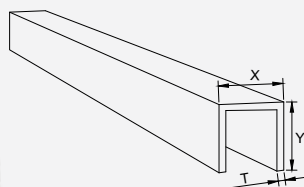
Round U Tube

Part No.	ØD(For Tube)	T	U
UT.042.01.04.S	42.4 mm	24 mm	24 mm
UT.048.02.04.S	48.3 mm	27 mm	30 mm



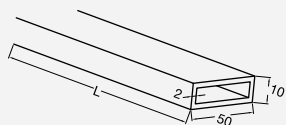
Square U Tube

Part No.	Tube Size	T(Thickness)
UTS.040.01.04.S	40X40mm	1.5mm



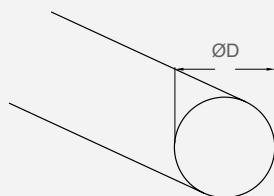
U cap

Part No.	Tube Size	T (Thickness)	For Glass
UTC.005.04.AL.A	15x15 mm	2 mm	10 mm
UTC.004.02.AL.A	15x15 mm	1 mm	12 mm
UTC.006.05.AL.A	25x25 mm	3 mm	17.52 mm



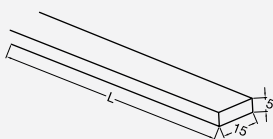
Rectangular Tube

Part No.	Tube Size	T (Thickness)
ET.030.10.04.S	30x10 mm	2.0 mm
ET.050.20.04.S	50x20 mm	2.0 mm
ET.050.25.04.S	50x25 mm	1.5 mm



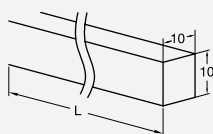
Round Solid Bar

Part No.	ØD
RB.012.00.04.S	12 mm
RB.010.00.04.S	10 mm



Rectangular Flat Bar

Part No.	For Solid Bar
EF.015.05.04.S	15x5 mm



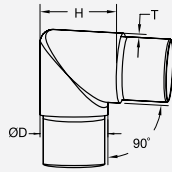
Square Solid Bar

Part No.	For Solid Bar
ZR.040.40.04.S	10x10 mm
ZR.040.41.04.S	12x12 mm
ZR.040.42.04.S	12.7x12.7 mm

TUBE JOINT



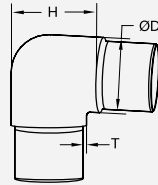
Sharp 90°



Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.101.01.04.S	33.7 mm	2.0 mm	40 mm
EB.102.01.04.S	42.4 mm	2.0 mm	50 mm
EB.102.02.04.S	42.4 mm	2.6 mm	50 mm
EB.103.01.04.S	48.3 mm	2.0 mm	60 mm
EB.103.02.04.S	48.3 mm	2.6 mm	60 mm
EB.104.03.04.S	38.1 mm / 1.5 inch	1.5 mm	45 mm
EB.105.03.04.S	50.8 mm / 2.0 inch	1.5 mm	70 mm
EB.105.01.04.S	50.8 mm / 2.0 inch	2.0 mm	70 mm



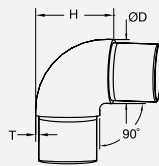
Soft 90°



Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.201.01.04.S	33.7 mm	2.0 mm	40 mm
EB.202.01.04.S	42.4 mm	2.0 mm	50 mm
EB.202.02.04.S	42.4 mm	2.6 mm	50 mm
EB.203.01.04.S	48.3 mm	2.0 mm	60 mm
EB.203.02.04.S	48.3 mm	2.6 mm	60 mm
EB.204.03.04.S	38.1 mm / 1.5 inch	1.5 mm	45 mm
EB.205.03.04.S	50.8 mm / 2.0 inch	1.5 mm	70 mm
EB.205.01.04.S	50.8 mm / 2.0 inch	2.0 mm	70 mm



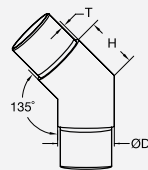
Round 90°



Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.301.01.04.S	33.7 mm	2.0 mm	40 mm
EB.302.01.04.S	42.4 mm	2.0 mm	50 mm
EB.302.02.04.S	42.4 mm	2.6 mm	50 mm
EB.303.01.04.S	48.3 mm	2.0 mm	60 mm
EB.303.02.04.S	48.3 mm	2.6 mm	60 mm
EB.304.03.04.S	38.1 mm / 1.5 inch	1.5 mm	45 mm
EB.305.03.04.S	50.8 mm / 2.0 inch	1.5 mm	70 mm
EB.305.01.04.S	42.4 mm	2.0 mm	65 mm
EB.302.11.04.S	50.8 mm / 2.0 inch	2.0 mm	70 mm



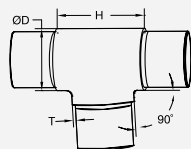
Sharp 135°



Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.401.01.04.S	33.7 mm	2.0 mm	32 mm
EB.402.01.04.S	42.4 mm	2.0 mm	38 mm
EB.402.02.04.S	42.4 mm	2.6 mm	38 mm
EB.403.01.04.S	48.3 mm	2.0 mm	44 mm
EB.403.02.04.S	48.3 mm	2.6 mm	44 mm
EB.404.03.04.S	38.1 mm / 1.5 inch	1.5 mm	35 mm
EB.405.03.04.S	50.8 mm / 2.0 inch	1.5 mm	45 mm
EB.405.01.04.S	50.8 mm / 2.0 inch	2.0 mm	45 mm



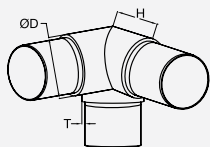
Tee 2 axis



Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.501.01.04.S	33.7 mm	2.0 mm	48 mm
EB.502.01.04.S	42.4 mm	2.0 mm	60 mm
EB.502.02.04.S	42.4 mm	2.6 mm	60 mm
EB.503.01.04.S	48.3 mm	2.0 mm	70 mm
EB.503.02.04.S	48.3 mm	2.6 mm	70 mm
EB.504.03.04.S	38.1 mm / 1.5 inch	1.5 mm	52 mm
EB.505.03.04.S	50.8 mm / 2.0 inch	1.5 mm	70 mm
EB.505.01.04.S	50.8 mm / 2.0 inch	2.0 mm	70 mm



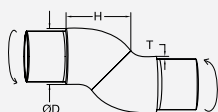
3 Axis



Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.601.01.04.S	33.7 mm	2.0 mm	40 mm
EB.602.01.04.S	42.4 mm	2.0 mm	50 mm
EB.602.02.04.S	42.4 mm	2.6 mm	50 mm
EB.603.01.04.S	48.3 mm	2.0 mm	60 mm
EB.603.02.04.S	48.3 mm	2.6 mm	60 mm
EB.604.03.04.S	38.1 mm / 1.5 inch	1.5 mm	45 mm
EB.605.03.04.S	50.8 mm / 2.0 inch	1.5 mm	70 mm
EB.605.01.04.S	50.8 mm / 2.0 inch	2.0 mm	70 mm



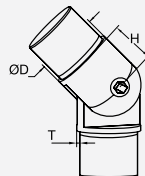
Rotating



Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.701.01.04.S	33.7 mm	2.0 mm	36.5 mm
EB.702.01.04.S	42.4 mm	2.0 mm	49.0 mm
EB.702.02.04.S	42.4 mm	2.6 mm	49.0 mm
EB.703.01.04.S	48.3 mm	2.0 mm	58.5 mm
EB.703.02.04.S	48.3 mm	2.6 mm	58.5 mm
EB.704.03.04.S	38.1 mm / 1.5 inch	1.5 mm	39.5 mm
EB.705.03.04.S	50.8 mm / 2.0 inch	1.5 mm	59.5 mm
EB.705.01.04.S	50.8 mm / 2.0 inch	2.0 mm	59.5 mm



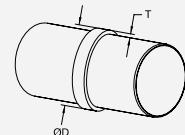
Flexible



Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.801.01.04.S	33.7 mm	2.0 mm	22 mm
EB.804.03.04.S	38.1 mm / 1.5 inch	1.5 mm	24 mm
EB.802.01.04.S	42.4 mm	2.0 mm	27 mm
EB.802.02.04.S	42.4 mm	2.6 mm	27 mm
EB.803.01.04.S	48.3 mm	2.0 mm	30 mm
EB.803.02.04.S	48.3 mm	2.6 mm	30 mm
EB.805.03.04.S	50.8 mm / 2.0 inch	1.5 mm	32 mm
EB.805.01.04.S	50.8 mm / 2.0 inch	2.0 mm	32 mm



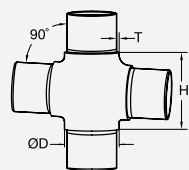
Connector



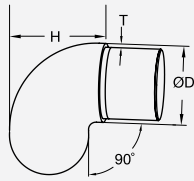
Part No.	ØD(For Tube)	T(Thickness)
EB.901.01.04.S	33.7 mm	2.0 mm
EB.902.01.04.S	42.4 mm	2.0 mm
EB.902.02.04.S	42.4 mm	2.6 mm
EB.903.01.04.S	48.3 mm	2.0 mm
EB.903.02.04.S	48.3 mm	2.6 mm
EB.904.03.04.S	38.1 mm / 1.5 inch	1.5 mm
EB.905.03.04.S	50.8 mm / 2.0 inch	1.5 mm
EB.905.01.04.S	50.8 mm / 2.0 inch	2.0 mm



Four way Tube Joint



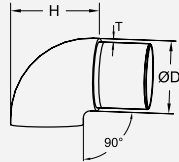
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.121.01.04.S	33.7 mm	2.0 mm	48 mm
EB.124.03.04.S	38.1 mm / 1.5 inch	1.5 mm	52 mm
EB.122.01.04.S	42.4 mm	2.0 mm	60 mm
EB.122.02.04.S	42.4 mm	2.6 mm	60 mm
EB.123.01.04.S	48.3 mm	2.0 mm	68 mm
EB.123.02.04.S	48.3 mm	2.6 mm	68 mm
EB.125.03.04.S	50.8 mm / 2.0 inch	1.5 mm	70 mm
EB.125.01.04.S	50.8 mm / 2.0 inch	2.0 mm	70 mm



End Scroll with Round End



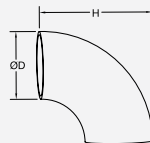
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.111.01.04.S	33.7 mm	2.0 mm	40.5 mm
EB.112.01.04.S	42.4 mm	2.0 mm	51 mm
EB.112.02.04.S	42.4 mm	2.6 mm	51 mm
EB.113.01.04.S	48.3 mm	2.0 mm	59 mm
EB.113.02.04.S	48.3 mm	2.6 mm	59 mm
EB.114.03.04.S	38.1 mm / 1.5 inch	1.5 mm	45.8 mm
EB.115.01.04.S	50.8 mm / 2.0 inch	2.0 mm	69.3 mm
EB.115.03.04.S	50.8 mm / 2.0 inch	1.5 mm	69.3 mm
EB.112.11.04.S	42.4 mm	2.0 mm	65 mm
EB.112.12.04.S	42.4 mm	2.6 mm	65 mm



End Scroll with Flat End

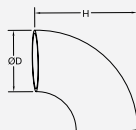


Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.131.01.04.S	33.7 mm	2.0 mm	40.5 mm
EB.132.01.04.S	42.4 mm	2.0 mm	51 mm
EB.132.02.04.S	42.4 mm	2.6 mm	51 mm
EB.133.01.04.S	48.3 mm	2.0 mm	59 mm
EB.133.02.04.S	48.3 mm	2.6 mm	59 mm
EB.134.03.04.S	38.1 mm / 1.5 inch	1.5 mm	45 mm
EB.135.03.04.S	50.8 mm / 2.0 inch	1.5 mm	69.3 mm
EB.135.01.04.S	50.8 mm / 2.0 inch	2.0 mm	69.3 mm
EB.132.11.04.S	42.4 mm	2.0 mm	65 mm
EB.132.12.04.S	42.4 mm	2.6 mm	65 mm



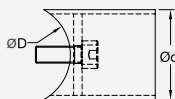
Weldable

Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.141.01.04.S	33.7 mm	2.0 mm	55 mm
EB.142.01.04.S	42.4 mm	2.0 mm	70 mm
EB.143.01.04.S	48.3 mm	2.0 mm	81 mm
EB.144.01.04.S	38.1 mm / 1.5 inch	2.0 mm	55 mm
EB.145.01.04.S	50.8 mm / 2.0 inch	2.0 mm	86 mm



Weldable in Raw Finish

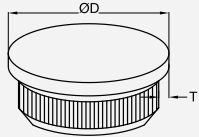
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.141.01.04.R	33.7 mm	2.0 mm	55 mm
EB.142.01.04.R	42.4 mm	2.0 mm	70 mm
EB.143.01.04.R	48.3 mm	2.0 mm	81 mm
EB.144.01.04.R	38.1 mm / 1.5 inch	2.0 mm	55 mm
EB.145.01.04.R	50.8 mm / 2.0 inch	2.0 mm	86 mm



One way Tube Joint



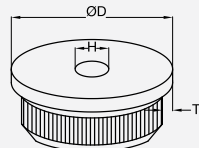
Part No.	T(Thickness)	Ød(For Tube)	ØD(For Tube)
EB.811.01.04.S	2.0 mm	42.4 mm	42.4 mm
EB.811.12.04.S	2.0 mm	48.3 mm	42.4 mm
EB.811.22.04.S	2.6 mm	42.4 mm	42.4 mm
EB.811.32.04.S	2.6 mm	48.3 mm	42.4 mm
EB.811.03.04.S	2.0 mm	42.4 mm	48.3 mm
EB.811.13.04.S	2.0 mm	48.3 mm	48.3 mm
EB.811.23.04.S	2.6 mm	42.4 mm	48.3 mm
EB.811.33.04.S	2.6 mm	48.3 mm	48.3 mm



Flat with Knurling w/o Hole



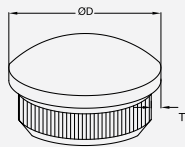
Part No.	ØD(For Tube)	T(Thickness)
EP.001.01.04.S	33.7 mm	2.0 mm
EP.001.02.04.S	42.4 mm	2.0 mm
EP.001.12.04.S	42.4 mm	2.6 mm
EP.001.03.04.S	48.3 mm	2.0 mm
EP.001.13.04.S	48.3 mm	2.6 mm
EP.001.24.04.S	38.1 mm/ 1.5 inch	1.5 mm
EP.001.25.04.S	50.8 mm/ 2.0 inch	1.5 mm
EP.001.05.04.S	50.8 mm/ 2.0 inch	2.0 mm



Flat with Knurling & Hole



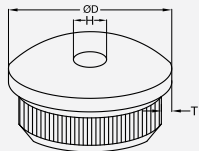
Part No.	ØD(For Tube)	T(Thickness)	H(Thread)
EP.002.01.04.S	33.7 mm	2.0 mm	M8
EP.002.02.04.S	42.4 mm	2.0 mm	M8
EP.002.12.04.S	42.4 mm	2.6 mm	M8
EP.002.03.04.S	48.3 mm	2.0 mm	M8
EP.002.13.04.S	48.3 mm	2.6 mm	M8
EP.002.24.04.S	38.1 mm/ 1.5 inch	1.5 mm	M8
EP.002.25.04.S	50.8 mm/ 2.0 inch	1.5 mm	M8
EP.002.05.04.S	50.8 mm/ 2.0 inch	2.0 mm	M8



Curved with Knurling w/o Hole



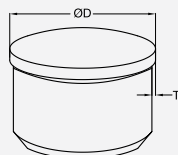
Part No.	ØD(For Tube)	T(Thickness)
EP.003.01.04.S	33.7 mm	2.0 mm
EP.003.02.04.S	42.4 mm	2.0 mm
EP.003.12.04.S	42.4 mm	2.6 mm
EP.003.03.04.S	48.3 mm	2.0 mm
EP.003.13.04.S	48.3 mm	2.6 mm
EP.003.24.04.S	38.1 mm/ 1.5 inch	1.5 mm
EP.003.25.04.S	50.8 mm/ 2.0 inch	1.5 mm
EP.003.05.04.S	50.8 mm/ 2.0 inch	2.0 mm



Curved with Knurling & Hole



Part No.	ØD(For Tube)	T(Thickness)	H(Thread)
EP.004.01.04.S	33.7 mm	2.0 mm	M8
EP.004.02.04.S	42.4 mm	2.0 mm	M8
EP.004.12.04.S	42.4 mm	2.6 mm	M8
EP.004.03.04.S	48.3 mm	2.0 mm	M8
EP.004.13.04.S	48.3 mm	2.6 mm	M8
EP.004.24.04.S	38.1 mm / 1.5 inch	1.5 mm	M8
EP.004.25.04.S	50.8 mm / 2.0 inch	1.5 mm	M8
EP.004.05.04.S	50.8 mm / 2.0 inch	2.0 mm	M8

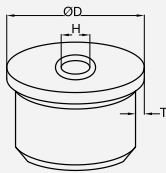


Curved Long w/o Knurling & Hole



Part No.	ØD(For Tube)	T(Thickness)
EP.005.01.04.S	33.7 mm	2.0 mm
EP.005.02.04.S	42.4 mm	2.0 mm
EP.005.12.04.S	42.4 mm	2.6 mm
EP.005.03.04.S	48.3 mm	2.0 mm
EP.005.13.04.S	48.3 mm	2.6 mm
EP.005.24.04.S	38.1 mm / 1.5 inch	1.5 mm
EP.005.25.04.S	50.8 mm / 2.0 inch	1.5 mm
EP.005.05.04.S	50.8 mm / 2.0 inch	2.0 mm

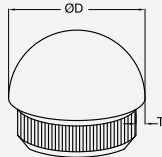
END CAPS



Curved Long w/o Knurling with Hole



Part No.	ØD(For Tube)	T(Thickness)	H(Thread)
EP.006.01.04.S	33.7 mm	2.0 mm	M8
EP.006.02.04.S	42.4 mm	2.0 mm	M8
EP.006.12.04.S	42.4 mm	2.6 mm	M8
EP.006.03.04.S	48.3 mm	2.0 mm	M8
EP.006.13.04.S	48.3 mm	2.6 mm	M8
EP.006.24.04.S	38.1 mm / 1.5 inch	1.5 mm	M8
EP.006.25.04.S	50.8 mm / 2.0 inch	1.5 mm	M8
EP.006.05.04.S	50.8 mm / 2.0 inch	2.0 mm	M8

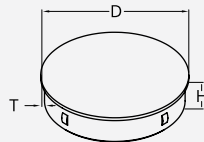


Dome with Knurling



Part No.	ØD(For Tube)	T(Thickness)
EP.007.01.04.S	33.7 mm	2.0 mm
EP.007.02.04.S	42.4 mm	2.0 mm
EP.007.12.04.S	42.4 mm	2.6 mm
EP.007.03.04.S	48.3 mm	2.0 mm
EP.007.13.04.S	48.3 mm	2.6 mm
EP.007.24.04.S	38.1 mm / 1.5 inch	1.5 mm
EP.007.25.04.S	50.8 mm / 2.0 inch	1.5 mm
EP.007.05.04.S	50.8 mm / 2.0 inch	2.0 mm

SHEET ENDCAP

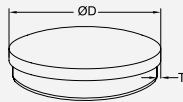


Curved



Part No.	D(For Tube)	T(Thickness)
EP.010.01.04.S	33.7 mm	2.0 mm
EP.010.02.04.S	42.4 mm	2.0 mm
EP.010.03.04.S	48.3 mm	2.0 mm
EP.010.24.04.S	38.1 mm / 1.5 inch	1.5 mm
EP.010.25.04.S	50.8 mm / 2.0 inch	1.5 mm

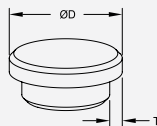
SOLID ENDCAP



Solid Curve Pipe Plug



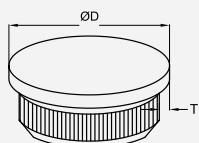
Part No.	ØD(For Tube)	T(Thickness)
EP.008.01.04.S	33.7 mm	2.0 mm
EP.008.02.04.S	42.4 mm	2.0 mm
EP.008.03.04.S	48.3 mm	2.0 mm
EP.008.05.04.S	50.8 mm / 2.0 inch	2.0 mm
EP.008.12.04.S	42.4 mm	2.6 mm
EP.008.13.04.S	48.3 mm	2.6 mm
EP.008.24.04.S	38.1 mm / 1.5 inch	1.5 mm
EP.008.25.04.S	50.8 mm / 2.0 inch	1.5 mm



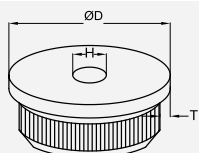
Solid Pipe Plug



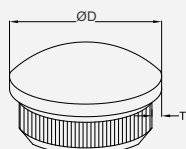
Part No.	ØD(For Tube)	T(Thickness)
EP.009.01.04.S	12.7 mm	1.5 mm
EP.009.02.04.S	14.0 mm	1.5 mm
EP.009.03.04.S	16.0 mm	1.0 mm
EP.009.04.04.S	12.0 inch	1.0 mm


Solid Flat Pipe Plug


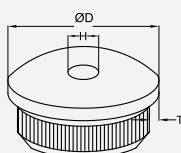
Part No.	ØD(For Tube)	T(Thickness)
EPS.001.01.04.S	33.7 mm	2.0 mm
EPS.001.02.04.S	42.4 mm	2.0 mm
EPS.001.03.04.S	48.3 mm	2.0 mm
EPS.001.24.04.S	38.1 mm / 1.5 inch	1.5 mm
EPS.001.25.04.S	50.8 mm / 2.0 inch	1.5 mm
EPS.001.05.04.S	50.8 mm / 2.0 inch	2.0 mm


Solid Flat Pipe Plug with Hole


Part No.	ØD(For Tube)	T(Thickness)	H(Thread)
EPS.002.01.04.S	33.7 mm	2.0 mm	M8
EPS.002.02.04.S	42.4 mm	2.0 mm	M8
EPS.002.03.04.S	48.3 mm	2.0 mm	M8
EPS.002.24.04.S	38.1 mm / 1.5 inch	1.5 mm	M8
EPS.002.25.04.S	50.8 mm / 2.0 inch	1.5 mm	M8
EPS.002.05.04.S	50.8 mm / 2.0 inch	2.0 mm	M8


Solid Curved Long Pipe Plug


Part No.	ØD(For Tube)	T (Thickness)
EPS.003.01.04.S	33.7 mm	2.0 mm
EPS.003.02.04.S	42.4 mm	2.0 mm
EPS.003.03.04.S	48.3 mm	2.0 mm
EPS.003.24.04.S	38.1 mm / 1.5 inch	1.5 mm
EPS.003.25.04.S	50.8 mm / 2.0 inch	1.5 mm
EPS.003.05.04.S	50.8 mm / 2.0 inch	2.0 mm


Solid Curved Long Pipe Plug with Hole


Part No.	ØD(For Tube)	T(Thickness)	H(Thread)
EPS.004.01.04.S	33.7 mm	2.0 mm	M8
EPS.004.02.04.S	42.4 mm	2.0 mm	M8
EPS.004.03.04.S	48.3 mm	2.0 mm	M8
EPS.004.24.04.S	38.1 mm / 1.5 inch	1.5 mm	M8
EPS.004.25.04.S	50.8 mm / 2.0 inch	1.5 mm	M8
EPS.004.05.04.S	50.8 mm / 2.0 inch	2.0 mm	M8

INSTALLATION INSTRUCTIONS

1

Endcap

2

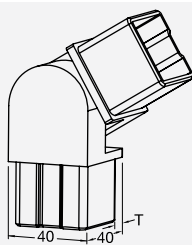
Use glue on top edge on end plug then insert in pipe & rotate once or twice clock & anticlockwise

3

Final View - After fitting End Cap in pipe

4

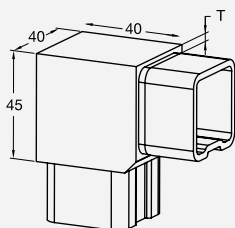
SQUARE FITTINGS



Flexible Elbow for Square Tube



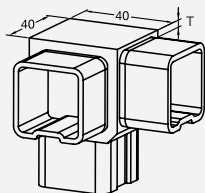
Part No.	S(For Tube)	T(Thickness)
ZE.140.40.04.S	40 x 40 mm	2.0 mm



Square Elbow 90°



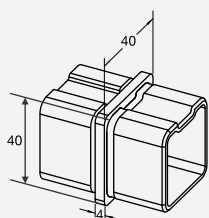
Part No.	S(For Tube)	T(Thickness)
ZE.040.40.04.S	40 x 40 mm	2.0 mm



Three Axis Elbow for Square Tube



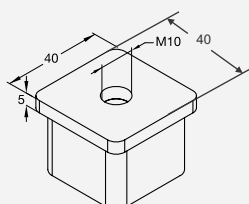
Part No.	S(For Tube)	T(Thickness)
ZE.640.40.04.S	40 x 40 mm	2.0 mm



Connector



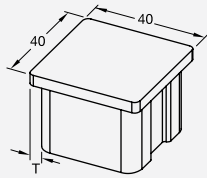
Part No.	S(For Tube)	T(Thickness)
ZE.040.41.04.S	40 x 40 mm	2.0 mm



End Plug with Hole



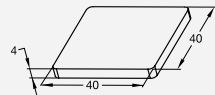
Part No.	S(For Tube)	T(Thickness)
ZE.060.01.04.S	40 x 40 mm	2.0 mm



End Plug without Hole

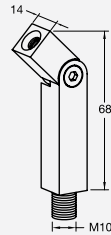


Part No.	S(For Tube)	T(Thickness)
ZP.040.40.04.S	40 x 40 mm	2.0 mm



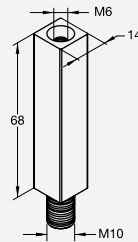
Square Plate

Part No.	S (For Tube)
ZC.040.42.04.S	40x40 mm



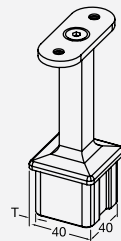
Square Flexible Rod

Part No.	S
ZS.014.01.04.S	14x14 mm



Square Fixed Rod

Part No.	S
ZF.014.01.04.S	14x14 mm

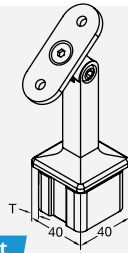


Square Fixed Tube Support



Part No.	S (For Tube)	T (Thickness)
ZT.040.40.04.S	40x40 mm	2.0 mm

SQUARE FITTINGS

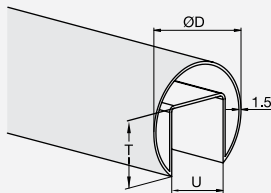


Square Flexible Tube Support



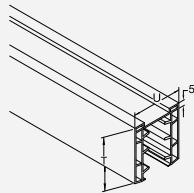
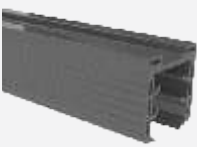
Part No.	S (For Tube)	T (Thickness)
ZT.140.40.04.S	40x40 mm	2.0 mm

U - TUBE FITTINGS



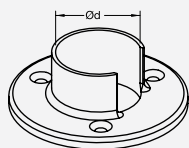
Round U Tube

Part No.	ØD(For Tube)	T(Thickness)	U
UT.042.01.04.S	42.4 mm	24 mm	24 mm
UT.048.02.04.S	48.3 mm	27 mm	27 mm



Rubber according to glass thickness

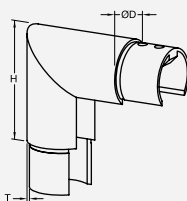
Part No.	T(Thickness)	U	Glass Thickness
UT.042.01.RB.N	24 mm	24 mm	8.0 - 11.0 mm
UT.042.02.RB.N	24 mm	24 mm	11.5 - 15.5 mm
UT.042.03.RB.N	24 mm	24 mm	16.0 - 17.5 mm
UT.042.04.RB.N	24 mm	24 mm	20.0 - 21.5 mm
UT.048.01.RB.N	27 mm	30 mm	8.0 - 11.0 mm
UT.048.02.RB.N	27 mm	30 mm	11.5 - 15.5 mm
UT.048.03.RB.N	27 mm	30 mm	16.0 - 17.5 mm
UT.048.04.RB.N	27 mm	30 mm	20.0 - 21.5 mm



U Tube Wall Plate



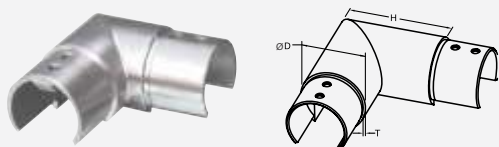
Part No.	ØD(For Tube)	T(Thickness)
YC.001.03.04.S	42.4 mm	1.5 mm
YC.001.04.04.S	48.3 mm	1.5 mm



U Tube for Handrail & Post



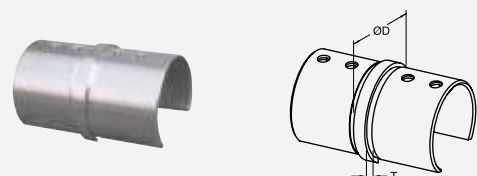
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
YE.102.03.04.S	42.4 mm	1.5 mm	30 mm
YE.103.03.04.S	48.3 mm	1.5 mm	35 mm



U Tube Elbow for Handrail



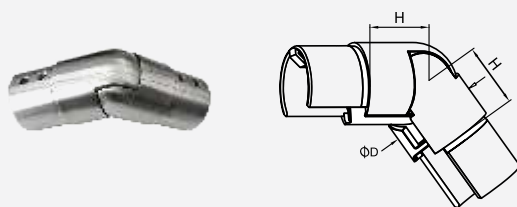
Part No.	ØD (For Tube)	T (Thickness)	H (Height)
YE.162.03.04.S	42.4 mm	1.5 mm	30 mm
YE.163.03.04.S	48.3 mm	1.5 mm	35 mm



U Tube Connector for Handrail



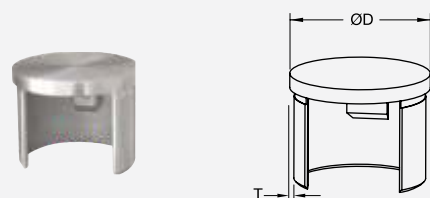
Part No.	ØD (For Tube)	T (Thickness)
YE.902.03.04.S	42.4 mm	1.5 mm
YE.903.03.04.S	48.3 mm	1.5 mm



U Tube Elbow Flexible for Handrail



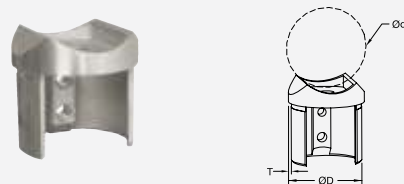
Part No.	ØD (For Tube)	T (Thickness)	H (Height)
YE.802.03.04.S	42.4 mm	1.5 mm	30 mm
YE.803.03.04.S	48.3 mm	1.5 mm	35 mm



U Tube End Plug



Part No.	ØD (For Tube)	T (Thickness)
YP001.22.04.S	42.4 mm	1.5 mm
YP001.23.04.S	48.3 mm	1.5 mm



Tube Rest for U Tube Post

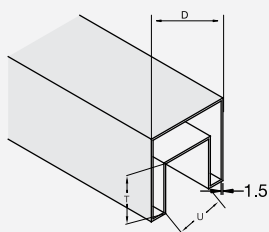


Part No.	ØD (For Tube)	T (Thickness)	Ød (For Tube)
YR.023.03.04.S	42.4 mm	1.5 mm	42.4 mm
YR.023.04.04.S	42.4 mm	1.5 mm	48.3 mm
YR.024.04.04.S	48.3 mm	1.5 mm	48.3 mm

SQUARE U TUBE FITTINGS (40X40 MM)



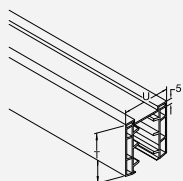
Square U Tube



Part No.	D (For Tube)	T	U
UTS.040.01.04.S	40x40	24mm	24mm



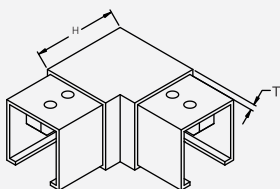
Rubber according to glass thickness



Part No.	T	U	Glass Thickness
UT.042.01.RB.N	24 mm	24 mm	8.0-11.0 mm
UT.042.02.RB.N	24 mm	24 mm	11.5-15.5 mm
UT.042.03.RB.N	24 mm	24 mm	16.0-17.5 mm
UT.042.04.RB.N	24 mm	24 mm	20.0-21.5 mm



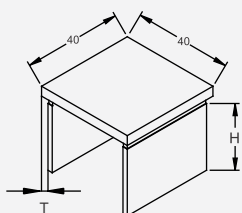
Elbow Connector 90°



Part No.	For Tube	T	H (Height)
YES.162.15.04.S	40x40	1.5mm	50mm



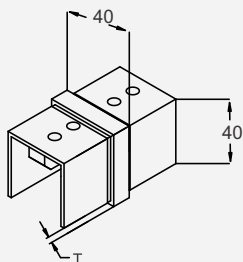
Endcap



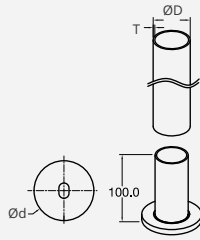
Part No.	For Tube	T	H (Height)
YPS.040.15.04.S	40x40	1.5mm	30mm



Connector



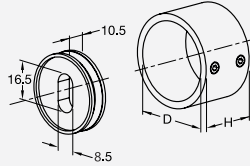
Part No.	For Tube	T
YES.040.15.04.S	40x40	1.5mm



Tube Mount Clamp for Staircase



Part No.	ØD (For Tube)	T (Thickness)	Ød (For Plate)
UC.032.01.04.S	33.7 mm	2.0 mm	80 mm
UC.032.03.04.S	38.1 mm / 1.5 inch	1.5 mm	80 mm

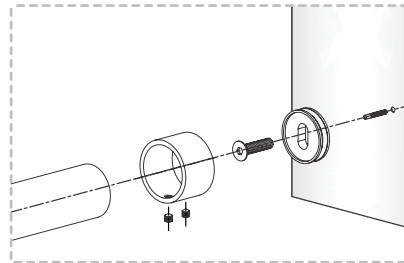
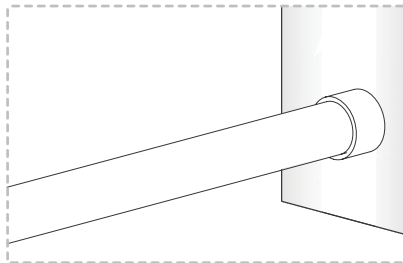


End Support Elbow



Part No.	ØD (For Tube)	H (Height)
EB.810.02.04.S	42.4 mm	35.0 mm
EB.810.03.04.S	48.3 mm	35.0 mm
EB.810.06.04.S	38.1 mm / 1.5 inch	35.0 mm
EB.810.07.04.S	50.8 mm / 2.0 inch	35.0 mm

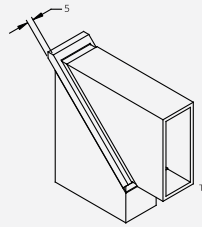
INSTALLATION INSTRUCTIONS



RECTANGULAR FITTINGS (50 X 25 MM)



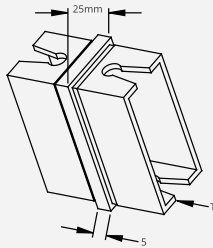
Angle Connector 90°



Part No.	D	T
ETA.500.02.04.S	50x25 mm	1.5mm



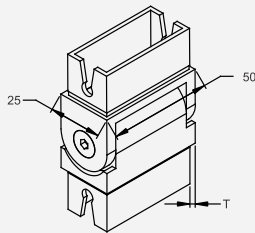
Connector



Part No.	D	T
ETA.500.03.04.S	50x25 mm	1.5mm



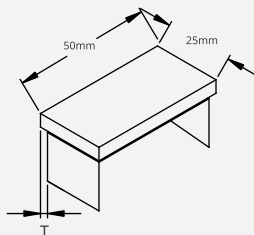
Flexible Connector



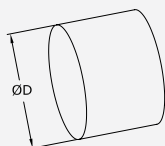
Part No.	D	T
ETA.500.04.04.S	50x25 mm	1.5mm



Endcap



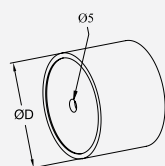
Part No.	D	T
ETA.500.01.04.S	50x25 mm	1.5mm



Plug for wooden railing

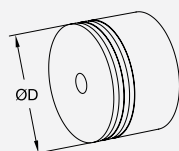


Part No.	ØD (For Tube)
WL.001.01.04.S	42.4 mm
WL.001.02.04.S	48.3 mm



Connector for wooden railing

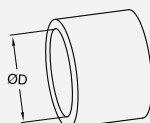
Part No.	ØD (For Tube)
WL.002.01.04.S	42.4 mm
WL.002.02.04.S	48.3 mm



Adapter for wooden railing



Part No.	ØD (For Tube)	T (Thickness)
WL.003.01.PV.N	42.4 mm	2.0 mm
WL.003.02.PV.N	48.3 mm	2.0 mm



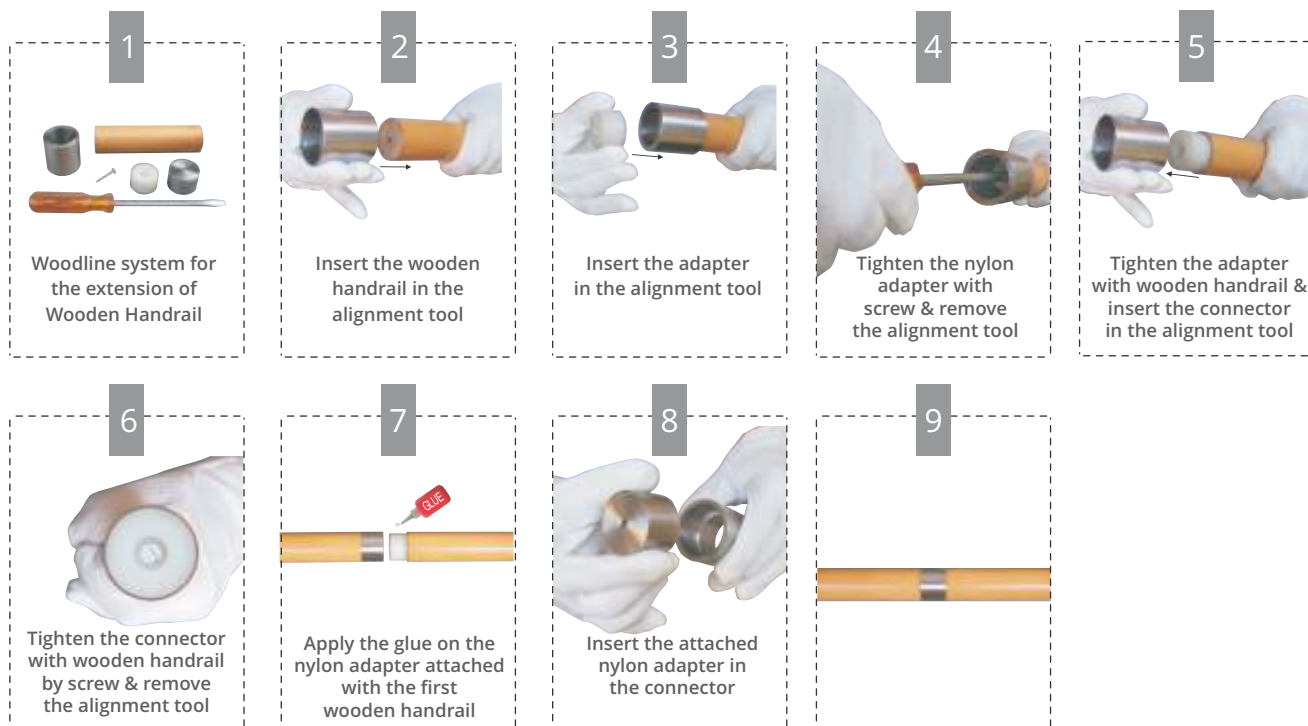
Alignment tool for wooden railing

Part No.	ØD (For Tube)	T (Thickness)
WL.004.01.AL.S	42.4 mm	2.0 mm
WL.004.02.AL.S	48.3 mm	2.0 mm

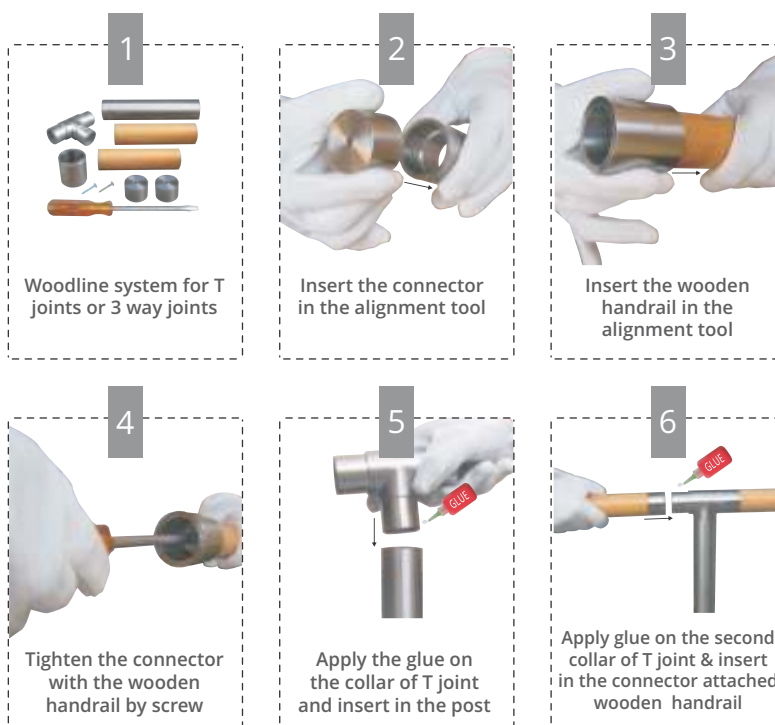
How To Use ?

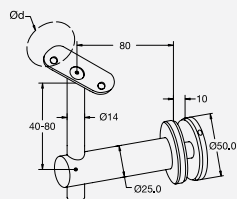


INSTALLATION INSTRUCTIONS FOR ELBOW WITH WOODEN HANDRAIL

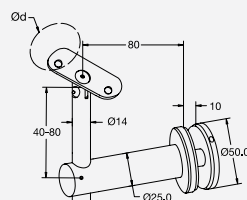


INSTALLATION INSTRUCTIONS FOR T - JOINT WITH WOODEN HANDRAIL

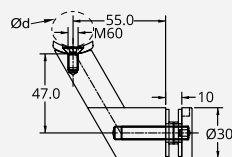



Handrail Bracket for Glass

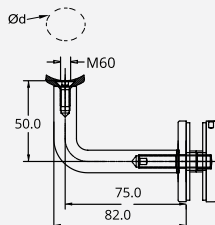

Part No.	Ød(For Tube)	For Mounting
GF.001.01.04.S	Flat	For Glass
GF.001.02.04.S	33.7 mm	For Glass
GF.001.03.04.S	42.4 mm	For Glass
GF.001.04.04.S	48.3 mm	For Glass
GF.001.06.04.S	38.1 mm / 1.5 inch	For Glass
GF.001.07.04.S	50.8 mm / 2.0 inch	For Glass


Swivel Handrail Bracket for Glass

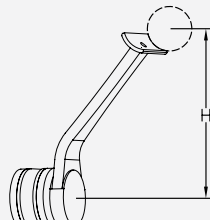

Part No.	Ød(For Tube)	For Mounting
GS.001.01.04.S	Flat	For Glass
GS.001.02.04.S	33.7 mm	For Glass
GS.001.03.04.S	42.4 mm	For Glass
GS.001.04.04.S	48.3 mm	For Glass
GS.001.06.04.S	38.1 mm / 1.5 inch	For Glass
GS.001.07.04.S	50.8 mm / 2.0 inch	For Glass


Handrail Bracket for Glass Mounting in Casting


Part No.	Ød(For Tube)	For Mounting
GF.003.01.04.S	Flat	For Glass
GF.003.02.04.S	33.7 mm	For Glass
GF.003.03.04.S	42.4 mm	For Glass
GF.003.04.04.S	48.3 mm	For Glass
GF.003.06.04.S	38.1 mm / 1.5 inch	For Glass
GF.003.07.04.S	50.8 mm / 2.0 inch	For Glass

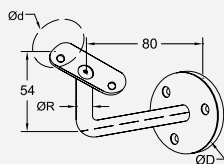

Handrail Bracket for Glass Mounting


Part No.	Ød(For Tube)	For Mounting
GF.004.01.04.S	Flat	For Glass
GF.004.02.04.S	33.7 mm	For Glass
GF.004.03.04.S	42.4 mm	For Glass
GF.004.06.04.S	38.1 mm / 1.5 inch	For Glass
GF.004.07.04.S	50.8 mm / 2.0 inch	For Glass


Handrail Bracket for Glass(Cavo)


Part No.	H
GFC.001.11.04.S	5 5/8"

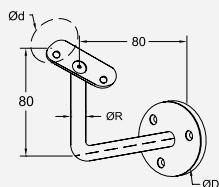
WALL BRACKETS



Wall Bracket with Short Tube Saddle



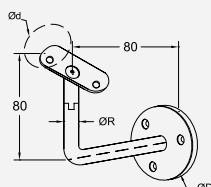
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.010.01.04.S	Flat	58 mm	12 mm
WB.010.02.04.S	33.7 mm	58 mm	12 mm
WB.010.03.04.S	42.4 mm	58 mm	12 mm
WB.010.04.04.S	48.3 mm	58 mm	12 mm
WB.010.06.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.010.07.04.S	50.8 mm / 2.0 inch	58 mm	12 mm



Wall Bracket with Long Tube Saddle



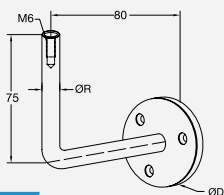
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.110.01.04.S	Flat	58 mm	12 mm
WB.110.02.04.S	33.7 mm	58 mm	12 mm
WB.110.03.04.S	42.4 mm	58 mm	12 mm
WB.110.04.04.S	48.3 mm	68 mm	14 mm
WB.110.06.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.110.07.04.S	50.8 mm / 2.0 inch	68 mm	14 mm



Wall Bracket with Swivel Saddle



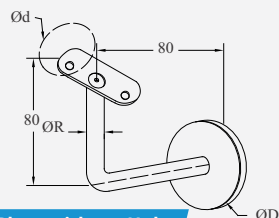
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.110.11.04.S	Flat	58 mm	12 mm
WB.110.12.04.S	33.7 mm	58 mm	12 mm
WB.110.13.04.S	42.4 mm	58 mm	12 mm
WB.110.14.04.S	48.3 mm	68 mm	14 mm
WB.110.16.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.110.17.04.S	50.8 mm / 2.0 inch	68 mm	14 mm



Wall Bracket without Saddle



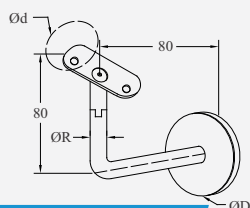
Part No.	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.130.01.04.S	58 mm	12 mm
WB.231.01.04.S	68 mm	14 mm



Fixed Wall Bracket with Plate without Hole



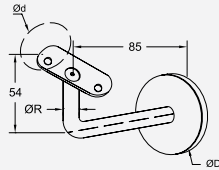
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.120.01.04.S	Flat	58 mm	12 mm
WB.120.02.04.S	33.7 mm	58 mm	12 mm
WB.120.03.04.S	42.4 mm	58 mm	12 mm
WB.120.04.04.S	48.3 mm	68 mm	14 mm
WB.120.06.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.120.07.04.S	50.8 mm / 2.0 inch	68 mm	14 mm



Flexible Wall Bracket with Plate without Hole



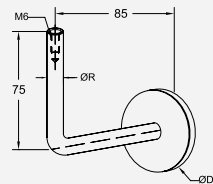
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.120.11.04.S	Flat	58 mm	12 mm
WB.120.12.04.S	33.7 mm	58 mm	12 mm
WB.120.13.04.S	42.4 mm	58 mm	12 mm
WB.120.14.04.S	48.3 mm	68 mm	14 mm
WB.120.16.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.120.17.04.S	50.8 mm / 2.0 inch	68 mm	14 mm



Wall Bracket w/o Hole



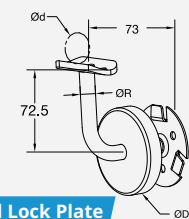
Part No.	Ød(For Tube.)	ØD(Plate Dia.)	ØR (Rod Dia.)
WB.020.01.04.S	Flat	58 mm	12 mm
WB.020.02.04.S	33.7 mm	58 mm	12 mm
WB.020.03.04.S	42.4 mm	58 mm	12 mm
WB.020.04.04.S	48.3 mm	58 mm	12 mm
WB.020.07.04.S	50.8 mm/2.0 inch	58 mm	12 mm
WB.020.06.04.S	38.1 mm/1.5 inch	58 mm	12 mm



Wall Bracket w/o Hole Saddle



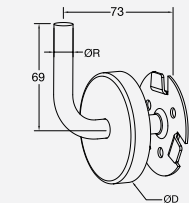
Part No.	ØR(Rod Dia.)	ØD(Plate Dia.)
WB.130.02.04.S	12 mm	58 mm
WB.231.02.04.S	14 mm	68 mm



Wall Bracket with Cover and Lock Plate



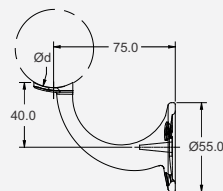
Part No.	Ød(For Tube.)	ØD(Plate Dia.)	ØR (Rod Dia.)
WB.140.03.04.S	42.4 mm	70 mm	12 mm



Wall Bracket with Cover and Lock Plate without Saddle



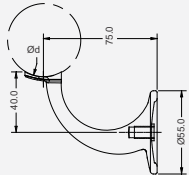
Part No.	ØR(Rod Dia.)	ØD(Plate Dia.)
WB.150.00.04.S	12.4 mm	70 mm



Aluminium Alloy Wall Bracket with Hole



Part No.	Ød(For Tube)	ØD(Plate Dia.)
WB.161.01.AL.A	Flat	55 mm
WB.163.01.AL.A	42.4 mm	55 mm

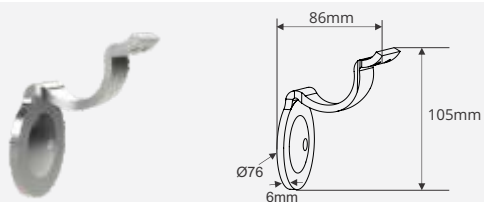


Aluminium Alloy Wall Bracket without Hole



Part No.	Ød(For Tube)	ØD(Plate Dia.)
WB.161.02.AL.A	Flat	55 mm
WB.163.02.AL.A	42.4 mm	55 mm

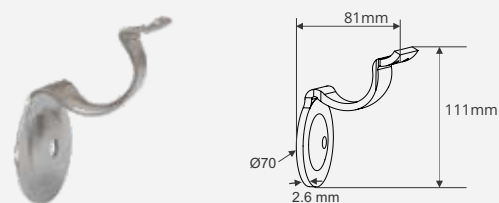
WALL BRACKETS



Aluminium Wall Bracket



Part No.	H	L	ØD	T
WB.231.41.AL.A	105 mm	86 mm	76 mm	6 mm

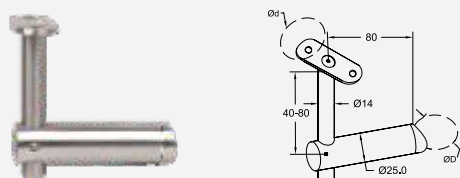


Stainless Steel Wall Bracket



Part No.	H	L	ØD	T
WB.231.31.04.S	111 mm	81 mm	70 mm	2.6 mm

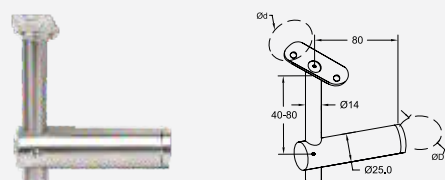
HANDRAIL BRACKETS



Handrail Bracket for Round Post & Flat Saddle



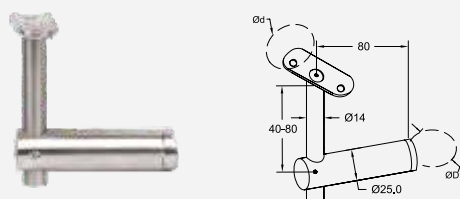
Part No.	ØD(For Tube)	Ød(For Tube)
HF.001.01.04.S	Flat	Flat
HF.001.02.04.S	33.7 mm	Flat
HF.001.03.04.S	42.4 mm	Flat
HF.001.04.04.S	48.3 mm	Flat
HF.001.06.04.S	38.1 mm / 1.5 inch	Flat
HF.001.07.04.S	50.8 mm / 2.0 inch	Flat



Handrail Bracket for Flat Post & Flat Saddle



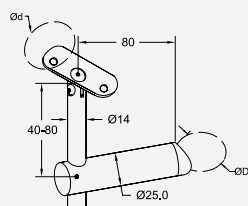
Part No.	ØD(For Tube)	Ød(For Tube)
HF.002.01.04.S	Flat	33.7 mm
HF.003.01.04.S	Flat	42.4 mm
HF.004.01.04.S	Flat	48.3 mm
HF.006.01.04.S	Flat	38.1 mm / 1.5 inch
HF.007.01.04.S	Flat	50.8 mm / 2.0 inch



Handrail Bracket for Round Post & Round Saddle



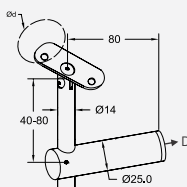
Part No.	ØD(For Tube)	Ød(For Tube)
HF.003.03.04.S	42.4 mm	42.4 mm
HF.004.03.04.S	42.4 mm	48.3 mm
HF.003.04.04.S	48.3 mm	42.4 mm
HF.004.04.04.S	48.3 mm	48.3 mm
HF.006.06.04.S	38.1 mm / 1.5 inch	38.1 mm / 1.5 inch
HF.007.06.04.S	38.1 mm / 1.5 inch	50.8 mm / 2.0 inch
HF.006.07.04.S	50.8 mm / 2.0 inch	38.1 mm / 1.5 inch
HF.007.07.04.S	50.8 mm / 2.0 inch	50.8 mm / 2.0 inch



Swivel Handrail Bracket for Round Post



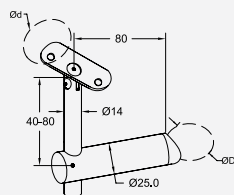
Part No.	ØD(For Tube)	Ød(For Tube)
HS.001.01.04.S	Flat	Flat
HS.001.02.04.S	33.7 mm	Flat
HS.001.03.04.S	42.4 mm	Flat
HS.001.04.04.S	48.3 mm	Flat
HS.001.06.04.S	38.1 mm / 1.5 inch	Flat
HS.001.07.04.S	50.8 mm / 2.0 inch	Flat



Swivel Handrail Bracket for Flat Post



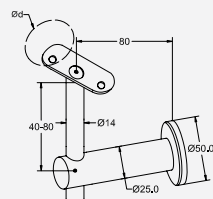
Part No.	D(For Tube)	Ød(For Tube)
HS.002.01.04.S	Flat	33.7 mm
HS.003.01.04.S	Flat	42.4 mm
HS.004.01.04.S	Flat	48.3 mm
HS.006.01.04.S	Flat	38.1 mm / 1.5 inch
HS.007.01.04.S	Flat	50.8 mm / 2.0 inch



Swivel Handrail Bracket for Round Post



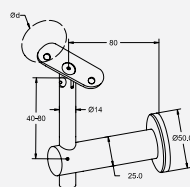
Part No.	ØD(For Tube)	Ød(For Tube)
HS.003.03.04.S	42.4 mm	42.4 mm
HS.004.03.04.S	42.4 mm	48.3 mm
HS.003.04.04.S	48.3 mm	42.4 mm
HS.004.04.04.S	48.3 mm	48.3 mm
HS.006.06.04.S	38.1 mm / 1.5 inch	38.1 mm / 1.5 inch
HS.007.06.04.S	38.1 mm / 1.5 inch	50.8 mm / 2.0 inch
HS.006.07.04.S	50.8 mm / 2.0 inch	38.1 mm / 1.5 inch
HS.007.07.04.S	50.8 mm / 2.0 inch	50.8 mm / 2.0 inch



Handrail Bracket for Wall Mounting



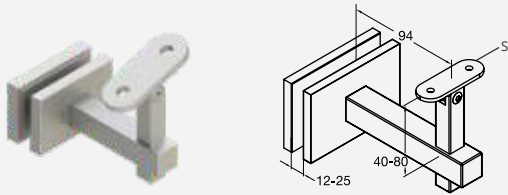
Part No.	Ød(For Tube)	For Mounting
WF.001.01.04.S	Flat	For Wall
WF.001.02.04.S	33.7 mm	For Wall
WF.001.03.04.S	42.4 mm	For Wall
WF.001.04.04.S	48.3 mm	For Wall
WF.001.06.04.S	38.1 mm / 1.5 inch	For Wall
WF.001.07.04.S	50.8 mm / 2.0 inch	For Wall



Swivel Handrail Bracket for Wall Mounting

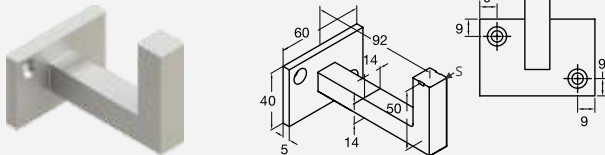


Part No.	Ød(For Tube)	For Mounting
WS.001.01.04.S	Flat	For Wall
WS.001.02.04.S	33.7 mm	For Wall
WS.001.03.04.S	42.4 mm	For Wall
WS.001.04.04.S	48.3 mm	For Wall
WS.001.06.04.S	38.1 mm / 1.5 inch	For Wall
WS.001.07.04.S	50.8 mm / 2.0 inch	For Wall



Square Handrail Bracket for Glass with Swivel Saddle

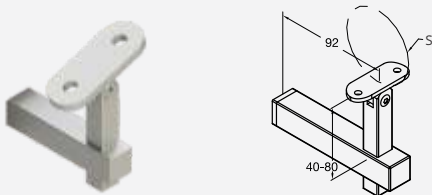
Part No.	S(For Tube)
ZH.005.01.04.S	Flat



Square Handrail Bracket w/o Saddle



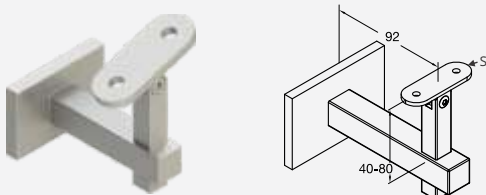
Part No.	S(For Tube)
ZH.001.01.04.S	For Weld



Handrail Bracket with Swivel Flat Saddle



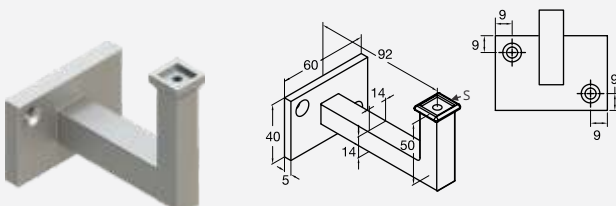
Part No.	S(For Tube)
ZH.002.01.04.S	Flat



Square Handrail Bracket with Swivel Saddle



Part No.	S(For Tube)
ZH.003.01.04.S	Flat

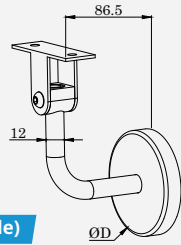


Handrail Bracket w/o Saddle Hole



Part No.	S(For Tube)
ZH.004.01.04.S	Flat

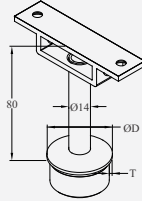
LED RAILING BRACKETS



LED Wall Bracket (Flexible)



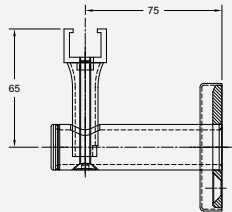
Part No.	Ød(For U Tube)	ØD(Plat Dia.)	T(Thickness)
WB.011.11.04.S	42.4 mm	70 mm	1.5 mm



Tube Support



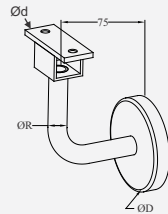
Part No.	ØD	T(Thickness)
TF.011.03.04.S	42.4 mm	1.5 mm
TF.011.25.04.S	50.8 mm / 2.0 inch	1.5 mm



Wall Bracket



Part No.	Ød(For U-Tube)	ØD(Plat Dia.)	T(Thickness)
WB.011.02.04.S	42.4 mm	68 mm	1.5 mm



Wall Bracket



Part No.	Ød(For U Tube)	ØD(Plat Dia.)	T(Thickness)
WB.011.01.04.S	42.4 mm	70 mm	1.5 mm

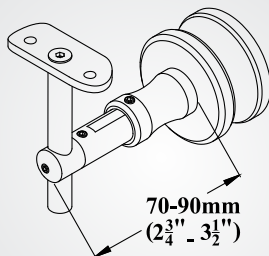


THE VERSALIS BRACKET

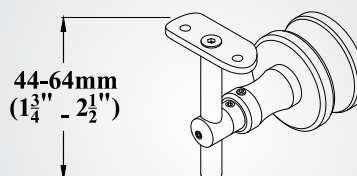
Part No.	ØD	T(Thickness)
TF.011.03.04.S	42.4 mm	1.5 mm
TF.011.25.04.S	50.8 mm / 2.0 inch	1.5 mm

One Bracket For All Your Applications

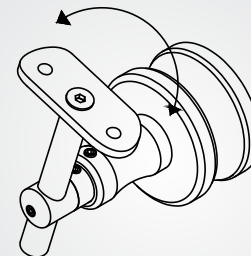
ADJUSTABLE LENGTH



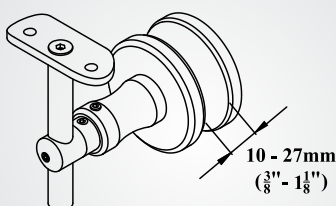
ADJUSTABLE HEIGHT



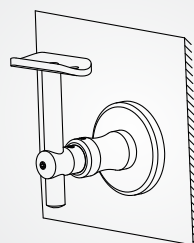
ANGLE ADJUSTMENT - FIT FOR STAIRCASES

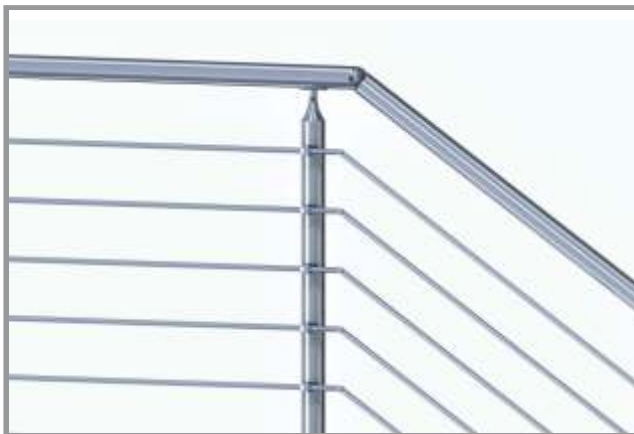
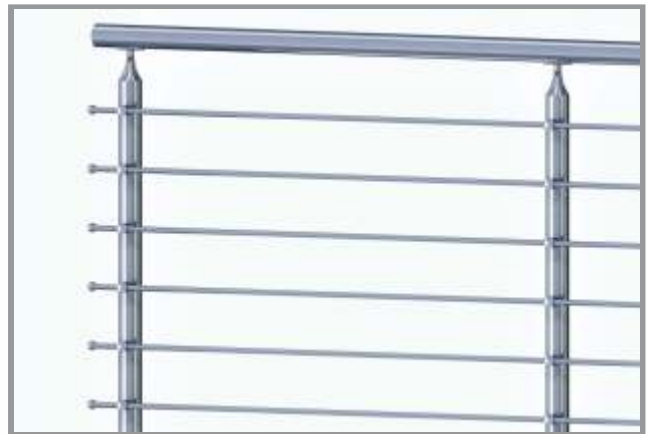


FIT FOR ALL GLASS THICKNESS



DIRECTLY MOUNTED ON GLASS, CONCRETE, WOOD





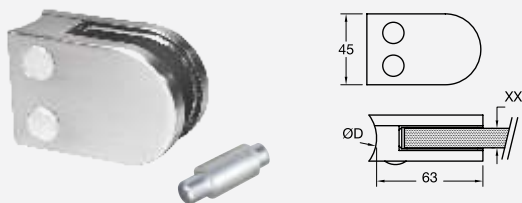
Infill

Glass, Horizontal bar, Cable Infill Holder,
Frameless Glass Railing

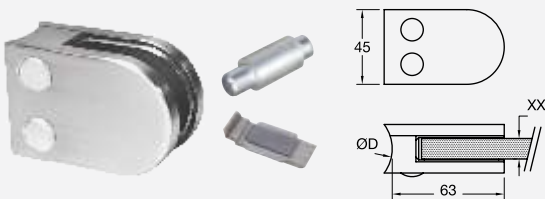
5

**Small D (50 x 40 mm) for Glass 6 to 10.76 mm**

316	304
Part No.	ØD (For tube)
GC.101.XX.16.S	Flat
GC.101.XX.04.S	Flat
GC.102.XX.16.S	33.7 mm
GC.102.XX.04.S	33.7 mm
GC.103.XX.16.S	42.4 mm
GC.103.XX.04.S	42.4 mm
GC.106.XX.16.S	38.1 mm/ 1.5 inch
GC.106.XX.04.S	38.1 mm/ 1.5 inch
GC.107.XX.16.S	50.8 mm/ 2 inch
GC.107.XX.04.S	50.8 mm/ 2 inch

**Big D (63 x 45 mm) for Glass 6 to 12.76 mm**

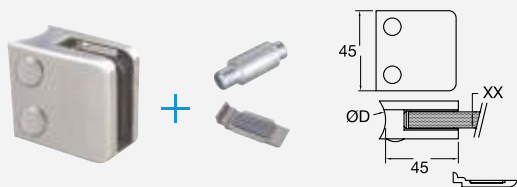
316	304
Part No.	ØD (For tube)
GC.201.XX.16.S	Flat
GC.201.XX.04.S	Flat
GC.203.XX.16.S	42.4 mm
GC.203.XX.04.S	42.4 mm
GC.204.XX.16.S	48.3 mm
GC.204.XX.04.S	48.3 mm
GC.206.XX.16.S	38.1 mm/ 1.5 inch
GC.206.XX.04.S	38.1 mm/ 1.5 inch
GC.207.XX.16.S	50.8 mm/ 2.0 inch
GC.207.XX.04.S	50.8 mm/ 2.0 inch

**Big D (63 x 45 mm) with Bottom Plate for Glass 6 to 12.76 mm**

316	304
Part No.	ØD (For tube)
GC.211.XX.16.S	Flat
GC.211.XX.04.S	Flat
GC.213.XX.16.S	42.4 mm
GC.213.XX.04.S	42.4 mm
GC.214.XX.16.S	48.3 mm
GC.214.XX.04.S	48.3 mm
GC.216.XX.16.S	38.1 mm/ 1.5 inch
GC.216.XX.04.S	38.1 mm/ 1.5 inch
GC.217.XX.16.S	50.8 mm/ 2.0 inch
GC.217.XX.04.S	50.8 mm/ 2.0 inch

**Small Square (45 x 45 mm) for Glass 6 to 10.76 mm**

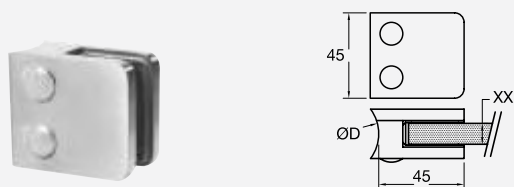
316	304
Part No.	ØD (For tube)
GC.301.XX.16.S	Flat
GC.301.XX.04.S	Flat
GC.302.XX.16.S	33.7 mm
GC.302.XX.04.S	33.7 mm
GC.303.XX.16.S	42.4 mm
GC.303.XX.04.S	42.4 mm
GC.304.XX.16.S	48.3 mm
GC.304.XX.04.S	48.3 mm
GC.306.XX.16.S	38.1 mm/ 1.5 inch
GC.306.XX.04.S	38.1 mm/ 1.5 inch
GC.307.XX.16.S	50.8 mm/ 2.0 inch
GC.307.XX.04.S	50.8 mm/ 2.0 inch



Small Square (45 x 45 mm) with Bottom Plate for Glass 6 to 10.76 mm



316	304	
Part No.		ØD (For tube)
GC.311.XX.16.S		Flat
	GC.311.XX.04.S	Flat
GC.312.XX.16.S		33.7 mm
	GC.312.XX.04.S	33.7 mm
GC.313.XX.16.S		42.4 mm
	GC.313.XX.04.S	42.4 mm
GC.314.XX.16.S		48.3 mm
	GC.314.XX.04.S	48.3 mm
GC.316.XX.16.S		38.1 mm/ 1.5 inch
	GC.316.XX.04.S	38.1 mm/ 1.5 inch
GC.317.XX.16.S		50.8 mm/ 2.0 inch
	GC.317.XX.04.S	50.8 mm/ 2.0 inch



Small Square (45 x 45 mm) for Glass 6 to 10.76 mm



316	304	
Part No.		ØD (For tube)
GC.331.XX.16.S		Flat
	GC.331.XX.04.S	Flat
GC.332.XX.16.S		33.7 mm
	GC.332.XX.04.S	33.7 mm
GC.333.XX.16.S		42.4 mm
	GC.333.XX.04.S	42.4 mm
GC.334.XX.16.S		48.3 mm
	GC.334.XX.04.S	48.3 mm
GC.336.XX.16.S		38.1 mm/ 1.5 inch
	GC.336.XX.04.S	38.1 mm/ 1.5 inch
GC.337.XX.16.S		50.8 mm/ 2.0 inch
	GC.337.XX.04.S	50.8 mm/ 2.0 inch



Big Square (55 x 55 mm) for Glass 6 to 12.76 mm



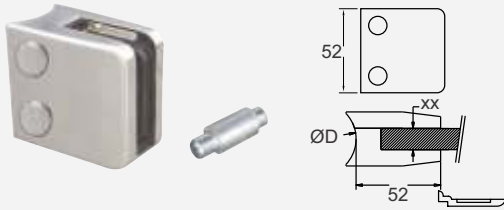
316	304	
Part No.		ØD (For tube)
GC.401.XX.16.S		Flat
	GC.401.XX.04.S	Flat
GC.403.XX.16.S		42.4 mm
	GC.403.XX.04.S	42.4 mm
GC.404.XX.16.S		48.3 mm
	GC.404.XX.04.S	48.3 mm
GC.407.XX.16.S		50.8 mm/ 2.0 inch
	GC.407.XX.04.S	50.8 mm/ 2.0 inch



Big Square (55 x 55 mm) with Bottom Plate for Glass 6 to 12.76 mm



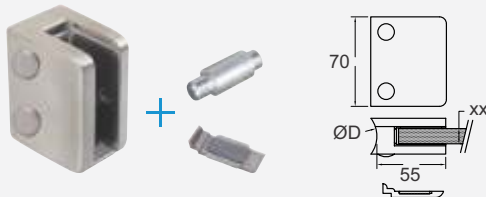
316	304	
Part No.		ØD (For tube)
GC.411.XX.16.S		Flat
	GC.411.XX.04.S	Flat
GC.413.XX.16.S		42.4mm
	GC.413.XX.04.S	42.4mm
GC.414.XX.16.S		48.3mm
	GC.414.XX.04.S	48.3mm
GC.417.XX.16.S		50.8mm / 2.0 inch
	GC.417.XX.04.S	50.8mm / 2.0 inch


Big Square (52 x 52 mm) with Bottom Plate for Glass 6 to 12.76 mm


316	304	ØD (For tube)
Part No.		
GC.421.XX.16.S		Flat
	GC.421.XX.04.S	Flat
GC.423.XX.16.S		42.4mm
	GC.423.XX.04.S	42.4mm


Big Square (55 x 55 mm) for Glass 6 to 12.76 mm


316	304	ØD (For tube)
Part No.		
GC.431.XX.16.S		Flat
	GC.431.XX.04.S	Flat
GC.433.XX.16.S		42.4mm
	GC.433.XX.04.S	42.4mm
GC.434.XX.16.S		48.3mm
	GC.434.XX.04.S	48.3mm
GC.437.XX.16.S		50.8mm / 2.0 inch
	GC.437.XX.04.S	50.8mm / 2.0 inch


Rectangular (70 x 55 mm) for Glass 13.52, 16.76, 17.52 mm

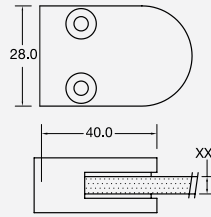

316	304	ØD (For tube)
Part No.		
GC.441.XX.16.S		Flat
	GC.441.XX.04.S	Flat
GC.443.XX.16.S		42.4mm
	GC.443.XX.04.S	42.4mm
GC.444.XX.16.S		48.3mm
	GC.444.XX.04.S	48.3mm
GC.447.XX.16.S		50.8mm / 2.0 inch
	GC.447.XX.04.S	50.8mm / 2.0 inch


Rectangular (70 x 55 mm) for Glass 19.76, 21.52 mm


316	304	ØD (For tube)
Part No.		
GC.451.XX.16.S		Flat
	GC.451.XX.04.S	Flat
GC.453.XX.16.S		42.4mm
	GC.453.XX.04.S	42.4mm
GC.454.XX.16.S		48.3mm
	GC.454.XX.04.S	48.3mm
GC.457.XX.16.S		50.8mm / 2.0 inch
	GC.457.XX.04.S	50.8mm / 2.0 inch

GLASS CLIPS

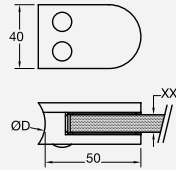
Economic Series



Mini (40 x 28 mm) Flat for Glass 6 mm



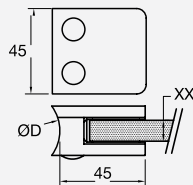
316	304	
Part No.		ØD (For tube)
GC.601.01.16.S		Flat With Rubber 6mm
	GC.601.01.04.S	Flat With Rubber 6mm
GC.602.01.16.S		25.4 With Rubber 6mm
	GC.602.01.04.S	25.4 With Rubber 6mm



Small D (50 x 40 mm) Light Weight for Glass 8 to 10 mm



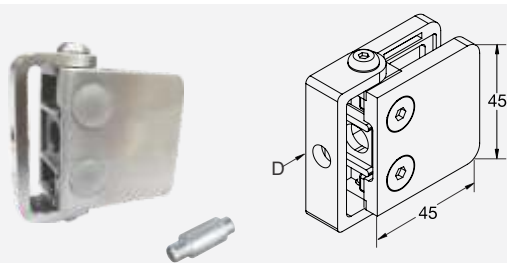
316	304	
Part No.		ØD (For tube)
GC.101L.XX.16.S		Flat
	GC.101L.XX.04.S	Flat
GC.102L.XX.16.S		33.7 mm
	GC.102L.XX.04.S	33.7 mm
GC.103L.XX.16.S		42.4 mm
	GC.103L.XX.04.S	42.4 mm
GC.107L.XX.16.S		50.8 mm/ 2 inch
	GC.107L.XX.04.S	50.8 mm/ 2 inch



Small Square (45 x 45 mm) for Glass 8 to 10 mm



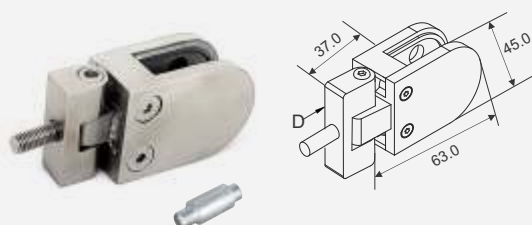
316	304	
Part No.		ØD (For tube)
GC.301L.XX.16.S		Flat
	GC.301L.XX.04.S	Flat
GC.302.XX.16.S		33.7 mm
	GC.302.XX.04.S	33.7 mm
GC.303L.XX.16.S		42.4 mm
	GC.303L.XX.04.S	42.4 mm
GC.306L.XX.16.S		38.1 mm/ 1.5 inch
	GC.306L.XX.04.S	38.1 mm/ 1.5 inch
GC.307L.XX.16.S		50.8 mm/ 2.0 inch
	GC.307L.XX.04.S	50.8 mm/ 2.0 inch



Square (45 x 45 mm) for Curve Railing



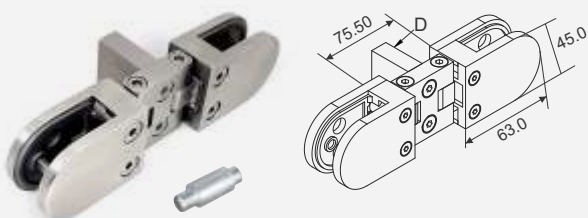
Part No.	D(For Tube)
GC.310.01.04.S	Flat



Big D (63 x 45 mm) for Curve Railing for Square Tube



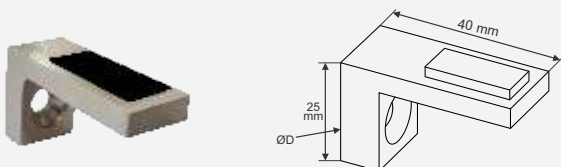
Part No.	D(For Tube)
GC.200.01.04.S	Flat



Big D (63 x 45 mm) for Curve Railing for Flat Bar



Part No.	D(For Tube)
GC.200.11.04.S	Flat

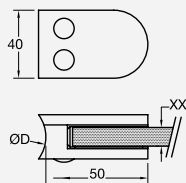


Drop Plate



Part No.	ØD(For tube)
PL.002.01.04.S	Flat
PL.002.03.04.S	42.4 mm
PL.002.06.04.S	38.1 mm/ 1.5 inch
PL.002.07.04.S	50.8 mm/ 2.0 inch

GLASS CLIPS ZAMAK (ZINC ALLOY)

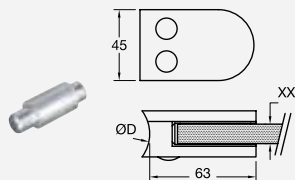


Small D (50 x 40 mm) for Glass 6 to 10.76 mm



Zamak

Part No.	ØD (For tube)
GC.101.XX.ZM.S	Flat
GC.102.XX.ZM.S	33.7 mm
GC.103.XX.ZM.S	42.4 mm
GC.106.XX.ZM.S	38.1 mm/ 1.5 inch

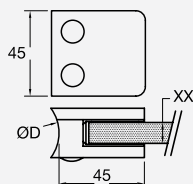


Big D (63 x 45 mm) for Glass 6 to 12.76 mm



Zamak

Part No.	ØD (For tube)
GC.201.XX.ZM.S	Flat
GC.203.XX.ZM.S	42.4 mm
GC.204.XX.ZM.S	48.3 mm
GC.206.XX.ZM.S	38.1 mm/ 1.5 inch
GC.207.XX.ZM.S	50.8 mm/ 2.0 inch

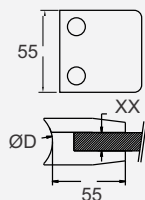


Small Square (45 x 45 mm) for Glass 6 to 10.76 mm



Zamak

Part No.	ØD (For tube)
GC.301.XX.ZM.S	Flat
GC.302.XX.ZM.S	33.7mm
GC.303.XX.ZM.S	42.4mm
GC.304.XX.ZM.S	48.3mm
GC.306.XX.ZM.S	38.1mm
GC.307.XX.ZM.S	50.8 mm/ 2.0 inch

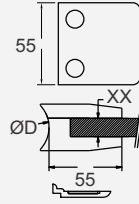


Big Square (55 x 55 mm) for Glass 6 to 10.76 mm



Zamak

Part No.	ØD (For tube)
GC.401.XX.ZM.S	Flat
GC.403.XX.ZM.S	42.4mm
GC.404.XX.ZM.S	48.3mm
GC.407.XX.ZM.S	50.8 mm/ 2.0 inch



Big Square (55 x 55 mm) with Bottom Plate for Glass 6 to 12.76 mm



Part No.	ØD (For tube)	(BPL001.01.ZM.S)
GC.411.XX.ZM.S	Flat	✓
GC.413.XX.ZM.S	42.4mm	✓
GC.414.XX.ZM.S	48.3mm	✓
GC.417.XX.ZM.S	50.8mm/2.0inch	✓
GC.431.XX.ZM.S	Flat	X
GC.433.XX.ZM.S	42.4mm	X
GC.434.XX.ZM.S	48.3mm	X
GC.437.XX.ZM.S	50.8mm/2.0inch	X

All Zamak Glass Clips are available in Satin (#4), Mirror (#8), Raw and in various Colors



Satin (S)



Mirror (M)



Raw (R)



White (W)
Powder Coated



Black (B)
Powder Coated



Golden Finish (G)



Brass (F)



Rose Gold (E)



Antique Brass (T)



Rubber for D shape Glass Clip

Part No.	XX (For Glass)	For Model
GR.001.02.RB.N	08 mm	GC.014/GC.015
GR.001.03.RB.N	10 mm	GC.014/GC.015
GR.001.08.RB.N	10.76 mm	GC.014/GC.015
GR.001.04.RB.N	12 mm	GC.014/GC.015
GR.010.02.RB.N	08 mm	GC.014/GC.015
GR.010.03.RB.N	10 mm	GC.014/GC.015
GR.010.06.RB.N	8.76 mm	GC.014/GC.015
GR.010.08.RB.N	10.76 mm	GC.014/GC.015
GR.100.01.RB.N	06 mm	GC.101/GC.102/GC.103/GC.106
GR.100.02.RB.N	08 mm	GC.101/GC.102/GC.103/GC.106
GR.100.03.RB.N	10 mm	GC.101/GC.102/GC.103/GC.106
GR.100.05.RB.N	06.76 mm	GC.101/GC.102/GC.103/GC.106
GR.100.06.RB.N	08.76 mm	GC.101/GC.102/GC.103/GC.106
GR.100.08.RB.N	10.76 mm	GC.101/GC.102/GC.103/GC.106
GR.150.01.RB.N	06 mm	GC.151/GC.152/GC.153/GC.154./GC.156/GC.157
GR.150.02.RB.N	08 mm	GC.151/GC.152/GC.153/GC.154./GC.156/GC.157
GR.150.03.RB.N	10 mm	GC.151/GC.152/GC.153/GC.154./GC.156/GC.157
GR.150.04.RB.N	12 mm	GC.151/GC.152/GC.153/GC.154./GC.156/GC.157
GR.150.05.RB.N	06.76 mm	GC.151/GC.152/GC.153/GC.154./GC.156/GC.157
GR.150.06.RB.N	08.76 mm	GC.151/GC.152/GC.153/GC.154./GC.156/GC.157
GR.150.08.RB.N	10.76 mm	GC.151/GC.152/GC.153/GC.154./GC.156/GC.157
GR.200.01.RB.N	06 mm	GC.201/GC.203/GC.204/GC.206/GC.207
GR.200.02.RB.N	08 mm	GC.201/GC.203/GC.204/GC.206/GC.207
GR.200.03.RB.N	10 mm	GC.201/GC.203/GC.204/GC.206/GC.207
GR.200.04.RB.N	12 mm	GC.201/GC.203/GC.204/GC.206/GC.207
GR.200.05.RB.N	06.76 mm	GC.201/GC.203/GC.204/GC.206/GC.207
GR.200.06.RB.N	08.76 mm	GC.201/GC.203/GC.204/GC.206/GC.207
GR.200.08.RB.N	10.76 mm	GC.201/GC.203/GC.204/GC.206/GC.207
GR.200.10.RB.N	12.76 mm	GC.201/GC.203/GC.204/GC.206/GC.207
GR.210.02.RB.N	08 mm	GC.211/GC.213/GC.214/GC.216/GC.217
GR.210.03.RB.N	10 mm	GC.211/GC.213/GC.214/GC.216/GC.217
GR.210.04.RB.N	12 mm	GC.211/GC.213/GC.214/GC.216/GC.217
GR.210.06.RB.N	08.76 mm	GC.211/GC.213/GC.214/GC.216/GC.217
GR.210.08.RB.N	10.76 mm	GC.211/GC.213/GC.214/GC.216/GC.217
GR.210.10.RB.N	12.76 mm	GC.211/GC.213/GC.214/GC.216/GC.217
GR.230.03.RB.N	10 mm	GC.231/GC.233/GC.234/GC.237
GR.101L.02.RBN	8mm	GC.101L/GC.102L/GC.103/GC.106
GR.101L.03.RBN	10mm	GC.101L/GC.102L/GC.103/GC.106
GR.250.01.RB.N	10 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257
GR.250.02.RB.N	08 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257
GR.250.03.RB.N	10 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257
GR.250.04.RB.N	12 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257
GR.250.05.RB.N	10 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257
GR.250.06.RB.N	08.76 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257
GR.250.07.RB.N	10 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257
GR.250.08.RB.N	10.76 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257
GR.250.09.RB.N	10 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257
GR.250.10.RB.N	12 mm	GC.251/GC.252/GC.253/GC.254/GC.256/GC.257



Rubber for Square Glass Clip

Part No.	XX (For Glass)	For Model
GR.300.01.RB.N	06 mm	GC.301/GC.302/GC.303/GC.306/GC.307
GR.300.02.RB.N	08 mm	GC.301/GC.302/GC.303/GC.306/GC.307
GR.300.03.RB.N	10 mm	GC.301/GC.302/GC.303/GC.306/GC.307
GR.300.05.RB.N	06.76 mm	GC.301/GC.302/GC.303/GC.306/GC.307
GR.300.06.RB.N	08.76 mm	GC.301/GC.302/GC.303/GC.306/GC.307
GR.300.08.RB.N	10.76 mm	GC.301/GC.302/GC.303/GC.306/GC.307
GR.310.01.RB.N	06 mm	GC.311/GC.312/GC.313/GC.314/GC.316/GC.317
GR.310.02.RB.N	08 mm	GC.311/GC.312/GC.313/GC.314/GC.316/GC.317
GR.310.03.RB.N	10 mm	GC.311/GC.312/GC.313/GC.314/GC.316/GC.317
GR.310.05.RB.N	6.76 mm	GC.311/GC.312/GC.313/GC.314/GC.316/GC.317
GR.310.06.RB.N	8.76 mm	GC.311/GC.312/GC.313/GC.314/GC.316/GC.317
GR.310.08.RB.N	10.76 mm	GC.311/GC.312/GC.313/GC.314/GC.316/GC.317
GR.330.01.RB.N	06 mm	GC.331/GC.333/GC.334/GC.336/GC.337
GR.330.02.RB.N	08 mm	GC.331/GC.333/GC.334/GC.336/GC.337
GR.330.03.RB.N	10 mm	GC.331/GC.333/GC.334/GC.336/GC.337
GR.330.04.RB.N	12 mm	GC.331/GC.333/GC.334/GC.336/GC.337
GR.330.05.RB.N	6.76 mm	GC.331/GC.333/GC.334/GC.336/GC.337
GR.330.06.RB.N	8.76 mm	GC.331/GC.333/GC.334/GC.336/GC.337
GR.330.08.RB.N	10.76 mm	GC.331/GC.333/GC.334/GC.336/GC.337
GR.400.01.RB.N	06 mm	GC.401/GC.403/GC.404/GC.407
GR.400.02.RB.N	08 mm	GC.401/GC.403/GC.404/GC.407
GR.400.03.RB.N	10 mm	GC.401/GC.403/GC.404/GC.407
GR.400.04.RB.N	12 mm	GC.401/GC.403/GC.404/GC.407
GR.400.06.RB.N	08.76 mm	GC.401/GC.403/GC.404/GC.407
GR.400.08.RB.N	10.76 mm	GC.401/GC.403/GC.404/GC.407
GR.400.10.RB.N	12.76 mm	GC.401/GC.403/GC.404/GC.407
GR.410.01.RB.N	06 mm	GC.411/GC.413/GC.414/GC.417/ GC.431/GC.433/GC.434/GC.437
GR.410.02.RB.N	08 mm	GC.411/GC.413/GC.414/GC.417/ GC.431/GC.433/GC.434/GC.437
GR.410.03.RB.N	10 mm	GC.411/GC.413/GC.414/GC.417/ GC.431/GC.433/GC.434/GC.437
GR.410.04.RB.N	12 mm	GC.411/GC.413/GC.414/GC.417/ GC.431/GC.433/GC.434/GC.437
GR.410.05.RB.N	06.76 mm	GC.411/GC.413/GC.414/GC.417/ GC.431/GC.433/GC.434/GC.437
GR.410.06.RB.N	08.76 mm	GC.411/GC.413/GC.414/GC.417/ GC.431/GC.433/GC.434/GC.437
GR.410.08.RB.N	10.76 mm	GC.411/GC.413/GC.414/GC.417/ GC.431/GC.433/GC.434/GC.437
GR.410.10.RB.N	12.76 mm	GC.411/GC.413/GC.414/GC.417/ GC.431/GC.433/GC.434/GC.437
GR.301L.02.RBN	8mm	GC.301L/GC.302L/GC.303L/GC.306L/GC.307L
GR.301L.03.RBN	10mm	GC.301L/GC.302L/GC.303L/GC.306L/GC.307L
GR.420.02.RB.N	08mm	GC.421/GC.423
GR.421.03.RB.N	10mm	GC.421/GC.423



Rubber for Rectangular (70 x 55 mm)

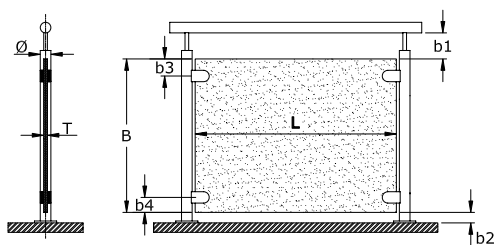
Part No.	XX (For Glass)	For Model
GR.440.11.RB.N	17.52 mm	GC.441/GC.443/GC.444/GC.447
GR.440.12.RB.N	16.76 mm	GC.441/GC.443/GC.444/GC.447
GR.440.13.RB.N	13.52 mm	GC.441/GC.443/GC.444/GC.447
GR.450.19.RB.N	19.76 mm	GC.451/GC.453/GC.454/GC.457
GR.450.15.RB.N	21.52 mm	GC.451/GC.453/GC.454/GC.457



Rubber for Round Glass Clip Dia 60 mm

Part No.	XX (For Glass)	For Model
GR.500.01.RB.N	06 mm	GC.541/GC.542/GC.543/GC.544/GC.546/GC.547
GR.500.02.RB.N	08 mm	GC.541/GC.542/GC.543/GC.544/GC.546/GC.547
GR.500.03.RB.N	10 mm	GC.541/GC.542/GC.543/GC.544/GC.546/GC.547
GR.500.04.RB.N	12 mm	GC.541/GC.542/GC.543/GC.544/GC.546/GC.547
GR.500.05.RB.N	06.76 mm	GC.541/GC.542/GC.543/GC.544/GC.546/GC.547
GR.500.06.RB.N	08.76 mm	GC.541/GC.542/GC.543/GC.544/GC.546/GC.547
GR.500.08.RB.N	10.76 mm	GC.541/GC.542/GC.543/GC.544/GC.546/GC.547
GR.500.10.RB.N	12.76 mm	GC.541/GC.542/GC.543/GC.544/GC.546/GC.547

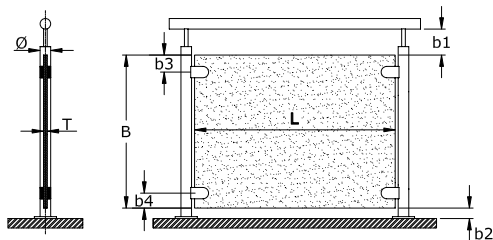
Technical Info



Dimensions (mm)	Min	Max
L width of glass	500	see corresponding model
T glass thickness	see corresponding model	see corresponding model
B height of glass	800	1000
b1 distance handrailing-glass	10	50 without edge protection 100 without edge protection
B2 distance bottom-glass	10	50 without edge protection 100 without edge protection
b3 glass edge above-axle upper glass clamp	100	150
b4 glass edge below-axle lower glass clamp	100	150

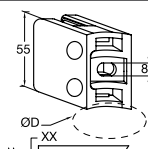
316(V4A), 304(V2A) Zamak	Tube connection	For tubes (Ø)	Glass structure/ Glass type	W(mm)	T(mm)
GC.101.XX.16.S GC.102.XX.16.S GC.103.XX.16.S		Flat 33.7 mm 42.4 mm	VSG/TVG	500-1200 6/8/10/12	6.76/8.76/10.76
GC.301.XX.16.S GC.302.XX.16.S GC.303.XX.16.S		Flat 33.7 mm 42.4 mm	VSG/TVG	500-1200 6/8/10/12	6.76/8.76/10.76
GC.201.XX.16.S GC.203.XX.16.S GC.204.XX.16.S GC.206.XX.16.S GC.207.XX.16.S		Flat 42.4 mm 48.3 mm 50.8 mm	VSG/TVG VSG/TVG Mono/ESG-H	500-1500 500-1500 6/8/10/12 500-1500	6.76/8.76/10.76/12.76
GC.401.XX.16.S GC.403.XX.16.S GC.404.XX.16.S GC.407.XX.16.S		Flat 42.4 mm 48.3 mm 50.8 mm	VSG/TVG VSG/TVG Mono/ESG-H	500-1400 500-1400 6/8/10/12 500-1400	6.76/8.76/10.76/12.76
GC.411.XX.16.S GC.413.XX.16.S GC.414.XX.16.S GC.417.XX.16.S		Flat 42.4 mm 48.3 mm 50.8 mm	VSG/TVG VSG/TVG Mono/ESG-H	500-1400 500-1400 6/8/10/12 500-1400	6.76/8.76/10.76/12.76

Possible width of glass for outdoor use depending on wind factor, Glass type and Glass Thickness with security plate



Dimensions (mm)	Man	Max
L width of glass	500	see corresponding model
T glass thickness	see corresponding model	see corresponding model
B height of glass	800	1000
b1 distance handrailing-glass	10	50 without edge protection 120 without edge protection
b2 distance bottom-glass	10	50 without edge protection 120 without edge protection
b3 glass edge above axle upper glass clamp	100	150
b4 glass edge below axle lower glass clamp	21	21

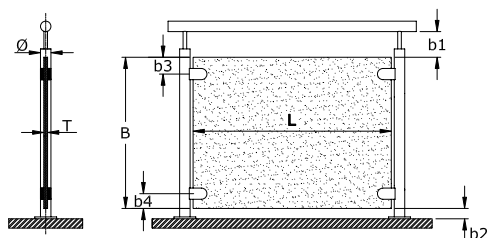
without security pin with security plate

316(V4A) 304(V2A)	Tube connection	For tubes (Ø)	Glass structure/ Glass type	W(mm)	T(mm)
GC.411.XX.16.S GC.413.XX.16.S GC.414.XX.16.S GC.417.XX.16.S		Flat 42.4 mm 48.3 mm 50.8 mm / 2.0 inch	VSG/TVG Mono/ESG-H	500-1400 6/8/10/12	6.76/8.76/10.76/12.76

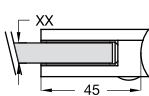
with security pin

 GC.411.XX.16.S GC.413.XX.16.S GC.414.XX.16.S GC.417.XX.16.S	Max. width of glass (mm)	VSG / ESG ESG				MONO ESG			
	Wind Impact	6.76	8.76	10.76	12.76	6	8	10	12
	2.200 KN/M²		500	800	800		800	1000	1400
	1.60 KN/M²		800	800	1000		1000	1400	1400
	1.40 KN/M²		800	1000	1200	1000	1200	1400	1400
	1.04 KN/M²	600	800	1000	1400	1200	1400	1400	1400
	1.00 KN/M²	800	800	1200	1400	1200	1400	1400	1400
	0.64 KN/M²	1200	1200	1400	1400	1200	1400	1400	1400

with security pin

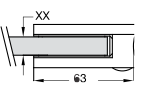


Dimensions (mm)	Man	Max
L width of glass	500	see corresponding model
T glass thickness	see corresponding model	see corresponding model
B height of glass	800	1000
b1 distance handrailing-glass	10	50 without edge protection 120 without edge protection
b2 distance bottom-glass	10	50 without edge protection 120 without edge protection
b3 glass edge above axle upper glass clamp	150	150
b4 glass edge below axle lower glass clamp	150	150

316(V4A) 304(V2A)	Tube connection	For tubes (Ø)	Glass structure/ Glass type	W(mm)	T(mm)
GC.401.XX.16.S GC.403.XX.16.S GC.404.XX.16.S GC.407.XX.16.S		Flat 42.4 mm 50.8 mm / 2.0 inch	VSG/TVG Mono/ESG-H	500-1400 6/8/10/12	6.76/8.76/ 10.76/12.76

	Max. width of glass (mm)	VSG								MONO			
		TVG				TVG				ESG			
		6.76	8.76	10.76	12.76	6.76	8.76	10.76	12.76	6	8	10	12
GC.401.XX.16.S	Wind Impact												
GC.403.XX.16.S	2.200 KN/M ²		500	800	800		500	800	800		800	1000	1400
GC.404.XX.16.S	1.60 KN/M ²		800	800	1000		800	800	1000		1000	1400	1400
GC.407.XX.16.S	1.40 KN/M ²		800	1000	1200		800	1000	1200	1000	1200	1400	1400
	1.04 KN/M ²	600	800	1000	1400	600	800	1000	1400	1200	1400	1400	1400
	1.00 KN/M ²	800	800	1200	1400	800	800	1200	1400	1200	1400	1400	1400
	0.64 KN/M ²	1200	1200	1400	1400	1200	1200	1400	1400	1200	1400	1400	1400

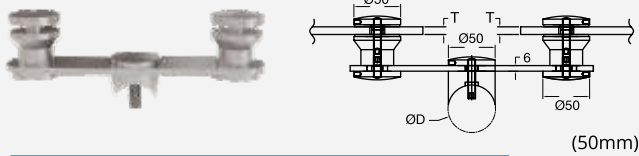
with security pin

316(V4A) 304(V2A)	Tube connection	For tubes (Ø)	Glass structure/ Glass type	W(mm)	T(mm)
GC.201.XX.16.S GC.203.XX.16.S GC.204.XX.16.S GC.207.XX.16.S		Flat 42.4 mm 48.3 mm 50.8 mm / 2.0 inch	VSG/TVG Mono/ESG-H	500-1600 6/8/10/12	6.76/8.76/10.76/12.76

	Max. width of glass (mm)	VSG / ESG				MONO ESG			
		ESG				ESG			
		6.76	8.76	10.76	12.76	6	8	10	12
GC.201.XX.16.S	Wind Impact								
GC.203.XX.16.S	2.200 KN/M ²		500				1000	1200	1400
GC.204.XX.16.S	1.60 KN/M ²			400	800		1400	1400	1500
GC.207.XX.16.S	1.40 KN/M ²			400	1200	1200	1400	1500	1600
	1.04 KN/M ²		400	800	1200	1200	1400	1500	1600
	1.00 KN/M ²	400	400	800	1200	1200	1400	1500	1600
	0.64 KN/M ²	400	800	1000	1500	1200	1400	1500	1600



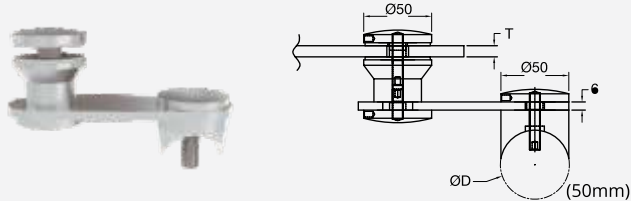
50mm Heavy Duty and 30 mm Light Duty Applications



Two Way Glass Holder with Post Holder dia 50 mm



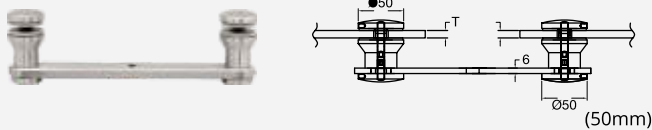
Part No.	ØD (For Tube)	T (Thickness)
GB.002.02.04.S	42.4 mm	8-20 mm
GB.002.03.04.S	48.3 mm	8-20 mm
GB.002.04.04.S	38.1 mm/1.5 inch	8-20 mm
GB.002.05.04.S	50.8 mm/ 2.0 inch	8-20 mm



One Way Glass Holder with Post Holder dia 50 mm



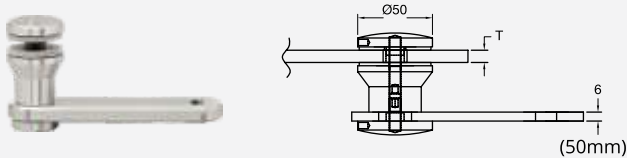
Part No.	ØD (For Tube)	T (Thickness)
GB.020.02.04.S	42.4 mm	8-20 mm
GB.020.03.04.S	48.3 mm	8-20 mm
GB.020.04.04.S	38.1 mm/1.5 inch	8-20 mm
GB.020.05.04.S	50.8 mm/ 2.0 inch	8-20 mm



Two Way Glass Holder w/o Post Holder dia 50 mm



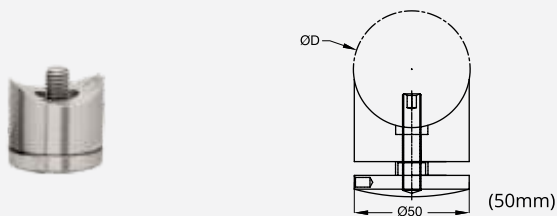
Part No.	T (Thickness)
GB.002.00.04.S	8-20 mm



One Way Glass Holder w/o Post Holder dia 50 mm



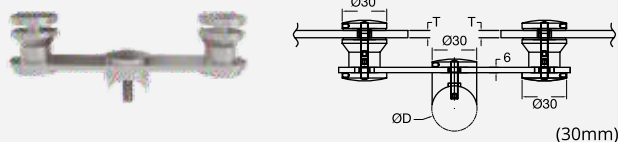
Part No.	T (Thickness)
GB.020.00.04.S	8-20 mm



Post Holder dia 50 mm



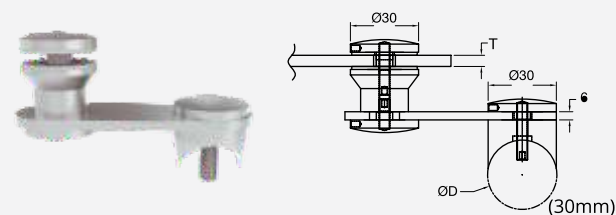
Part No.	ØD (For Tube)
GB.005.02.04.S	42.4 mm
GB.005.03.04.S	48.3 mm
GB.005.04.04.S	38.1 mm / 1.5 inch
GB.005.05.04.S	50.8 mm / 2.0 inch



Two Way Glass Holder with Post Holder dia 30 mm



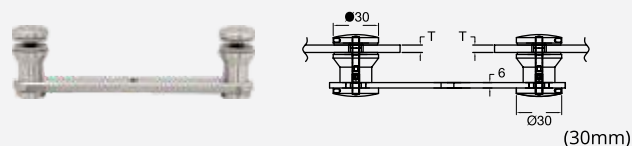
Part No.	ØD (For Tube)	T (Thickness)
GB.003.02.04.S	42.4 mm	6-16 mm
GB.003.03.04.S	48.3 mm	6-16 mm
GB.003.04.04.S	38.1 mm/1.5 inch	6-16 mm
GB.003.05.04.S	50.8 mm/ 2.0 inch	6-16 mm



One Way Glass Holder with Post Holder dia 30 mm



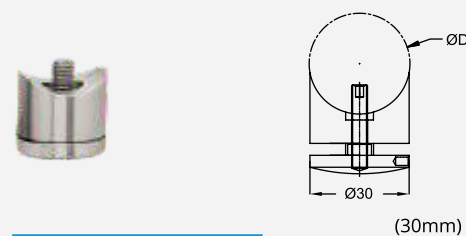
Part No.	ØD (For Tube)	T (Thickness)
GB.030.02.04.S	42.4 mm	6-16 mm
GB.030.03.04.S	48.3 mm	6-16 mm
GB.030.04.04.S	38.1 mm/1.5 inch	6-16 mm
GB.030.05.04.S	50.8 mm/ 2.0 inch	6-16 mm



Two Way Glass Holder w/o Post Holder dia 30 mm



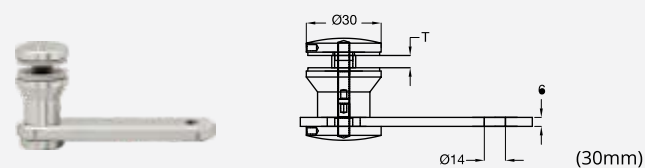
Part No.	T (Thickness)
GB.003.00.04.S	6-16 mm



Post Holder dia 30 mm



Part No.	ØD (For Tube)
GB.006.02.04.S	42.4 mm
GB.006.03.04.S	48.3 mm
GB.006.04.04.S	38.1 mm / 1.5 inch
GB.006.05.04.S	50.8 mm / 2.0 inch

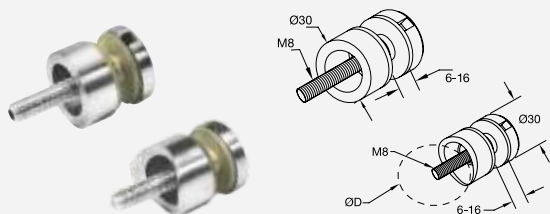


One Way Holder w/o Post Holder dia 30 mm



Part No.	T (Thickness)
GB.030.00.04.S	6-16 mm

GLASS HOLDERS



Glass Holder dia 30 mm



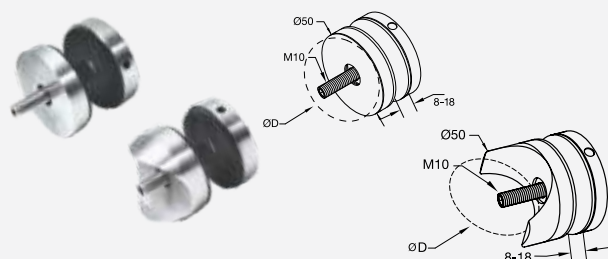
Part No.	ØD (For Tube)
GH.030.01.04.S	Flat
GH.030.02.04.S	33.7 mm
GH.030.03.04.S	42.4 mm
GH.030.04.04.S	48.3 mm
GH.030.06.04.S	38.1 mm/ 1.5 inch
GH.030.07.04.S	50.8 mm/ 2.0 inch



Glass Holder dia 25 mm for Rod



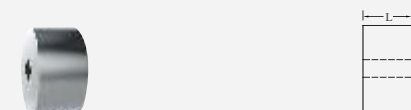
Part No.	Glass Thickness	
GH.025.01.04.S	16 mm	6-12 mm



Glass Holder dia 50 mm



Part No.	ØD (For Tube)
GH.050.01.04.S	Flat
GH.050.02.04.S	33.7 mm
GH.050.03.04.S	42.4 mm
GH.050.04.04.S	48.3 mm
GH.050.06.04.S	38.1 mm/ 1.5 inch
GH.050.07.04.S	50.8 mm/ 2.0 inch



Spacer for Holder

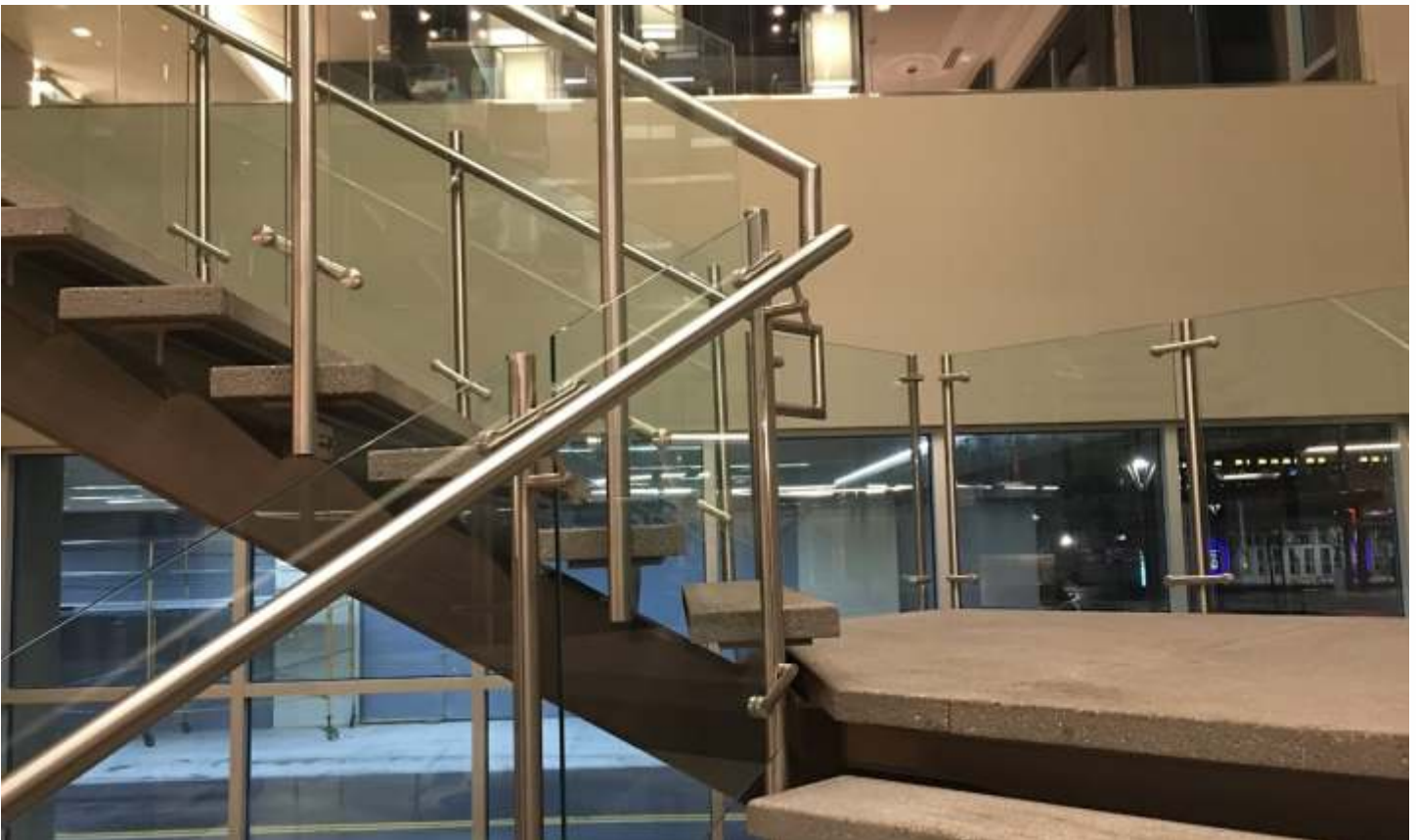
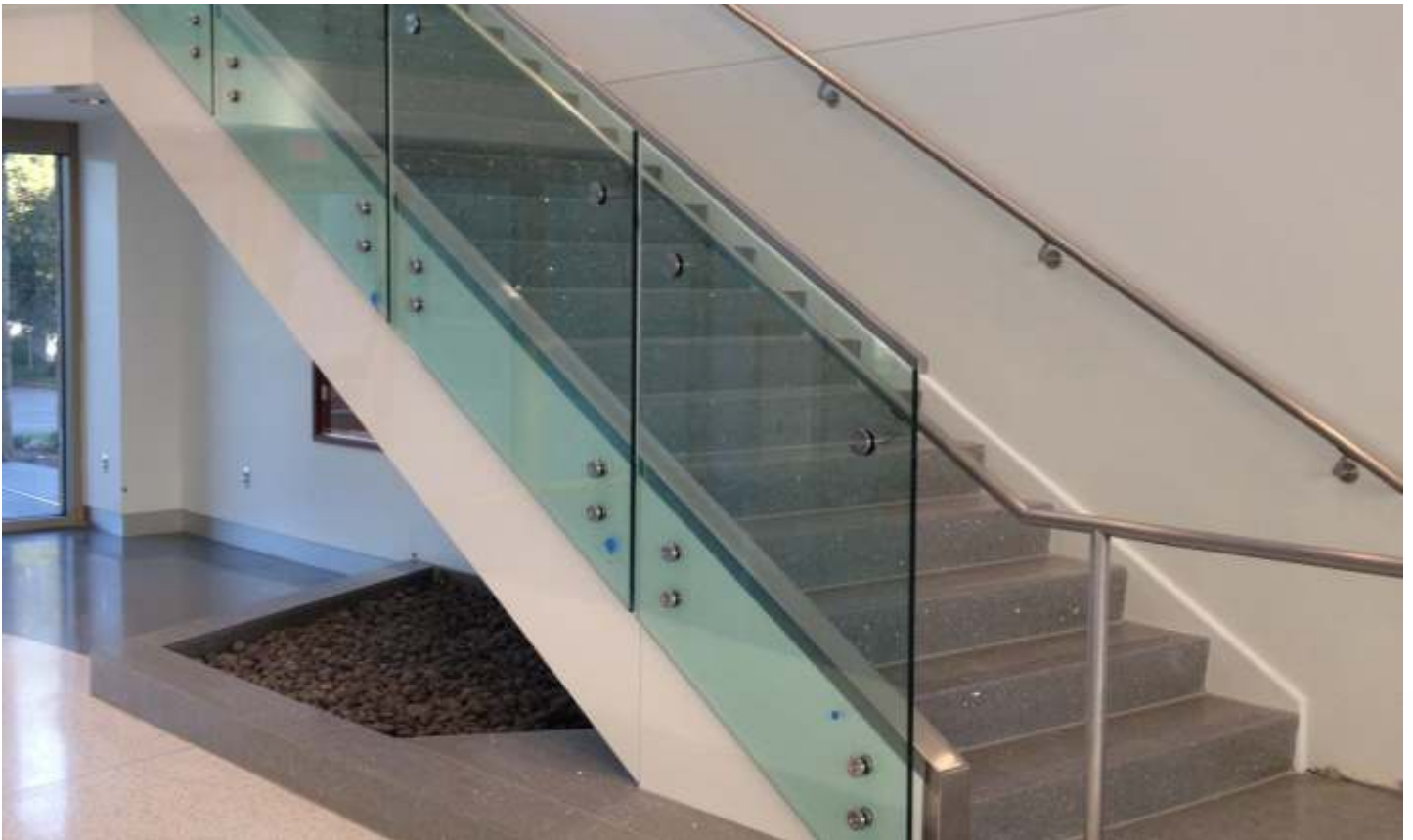


Part No.	Screw Length	L (Spacer Length)
GHS.050.10.04.S	60mm	10mm
GHS.050.25.04.S	80mm	25mm
GHS.050.38.04.S	105mm	38mm
GHS.050.50.04.S	140mm	50mm

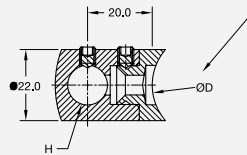
Note : All have M10 Grub Screw

INSTALLATION INSTRUCTIONS





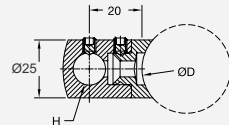
CROSS BAR HOLDERS



Holder for Flat Post



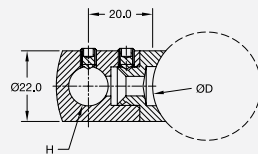
Part No.	ØD (For Tube)	H (For Rod)
HD.001.01.04.S	Flat	10 mm
HD.001.02.04.S	Flat	12 mm
HD.001.03.04.S	Flat	14 mm
HD.001.04.04.S	Flat	12.7 mm/0.5 inch



Big Holder for Round Post



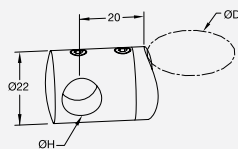
Part No.	ØD (For Tube)	H (For Rod)
HD.026.05.04.S	38.1 mm / 1.5 inch	16 mm
HD.027.05.04.S	50.8 mm / 2.0 inch	16 mm
HD.026.01.04.S	Flat	16 mm
HD.026.03.04.S	42.4 mm	16 mm



Holder for Round Post



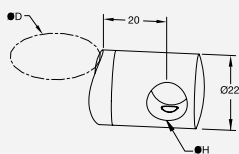
Part No.	ØD (For Tube)	H (For Rod)
HD.002.01.04.S	33.7 mm	10 mm
HD.002.02.04.S	33.7 mm	12 mm
HD.003.01.04.S	42.4 mm	10 mm
HD.003.02.04.S	42.4 mm	12 mm
HD.003.03.04.S	42.4 mm	14 mm
HD.003.04.04.S	42.4 mm	12.7 mm
HD.004.02.04.S	48.3 mm	12 mm
HD.004.01.04.S	48.3 mm	10 mm
HD.004.03.04.S	48.3 mm	14 mm
HD.006.04.04.S	38.1 mm/1.5 inch	12.7 mm/0.5 inch
HD.007.01.04.S	50.8 mm	10 mm
HD.007.04.04.S	50.8 mm/2.0 inch	12.7 mm/0.5 inch
HD.007.03.04.S	50.8 mm/2.0 inch	14 mm
HD.007.02.04.S	50.8 mm/2.0 inch	12 mm



Holder with Blind Hole (Right)



Part No.	ØD (For Tube)	ØH (For Rod)
HD.311.01.04.S	Flat	10 mm
HD.311.02.04.S	Flat	12 mm
HD.311.03.04.S	Flat	14 mm
HD.311.04.04.S	Flat	12.7 mm/ 0.5 inch
HD.312.01.04.S	33.7 mm	10 mm
HD.312.02.04.S	33.7 mm	12 mm
HD.312.03.04.S	33.7 mm	14 mm
HD.313.01.04.S	42.4 mm	10 mm
HD.313.02.04.S	42.4 mm	12 mm
HD.313.03.04.S	42.4 mm	14 mm
HD.314.01.04.S	48.3 mm	10 mm
HD.314.02.04.S	48.3 mm	12 mm
HD.314.03.04.S	48.3 mm	14 mm
HD.316.04.04.S	38.1 mm/1.5 inch	12.7 mm/ 0.5 inch
HD.317.04.04.S	50.8 mm/2 inch	12.7 mm/ 0.5 inch

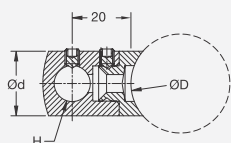


Holder with Blind Hole (Left)



Part No.	ØD (For Tube)	ØH (For Rod)
HD.321.01.04.S	Flat	10 mm
HD.321.02.04.S	Flat	12 mm
HD.321.03.04.S	Flat	14 mm
HD.321.04.04.S	Flat	12.7 mm/ 0.5 inch
HD.322.01.04.S	33.7 mm	10 mm
HD.322.02.04.S	33.7 mm	12 mm
HD.322.03.04.S	33.7 mm	14 mm
HD.323.01.04.S	42.4 mm	10 mm
HD.323.02.04.S	42.4 mm	12 mm
HD.323.03.04.S	42.4 mm	14 mm
HD.324.01.04.S	48.3 mm	10 mm
HD.324.02.04.S	48.3 mm	12 mm
HD.324.03.04.S	48.3 mm	14 mm
HD.326.04.04.S	38.1 mm/1.5 inch	12.7 mm/ 0.5 inch
HD.327.04.04.S	50.8 mm/2.0 inch	12.7 mm/ 0.5 inch

SLIMLINE HOLDERS



Holder Slimline (Economy)



Part No.	ØD (For Tube)	H (For Rod)	Ød (Outer Dia.)
HD.401.01.04.S	Flat	10.0 mm	16 mm
HD.401.02.04.S	Flat	12.0 mm	18 mm
HD.401.03.04.S	Flat	14.0 mm	20 mm
HD.402.01.04.S	33.7 mm	10.0 mm	16 mm
HD.402.02.04.S	33.7 mm	12.0 mm	18 mm
HD.402.03.04.S	33.7 mm	14.0 mm	20 mm
HD.403.01.04.S	42.4 mm	10.0 mm	16 mm
HD.403.02.04.S	42.4 mm	12.0 mm	18 mm
HD.403.03.04.S	42.4 mm	14.0 mm	20 mm
HD.404.01.04.S	48.3 mm	10.0 mm	16 mm
HD.404.02.04.S	48.3 mm	12.0 mm	18 mm
HD.404.03.04.S	48.3 mm	14.0 mm	20 mm
HD.406.01.04.S	38.1 mm	10.0 mm	16 mm
HD.406.02.04.S	38.1 mm	12.0 mm	18 mm
HD.406.03.04.S	38.1 mm	14.0 mm	20 mm
HD.407.01.04.S	50.8 mm	10.0 mm	16 mm
HD.407.02.04.S	50.8 mm	12.0 mm	18 mm

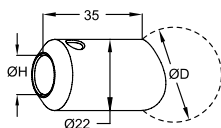


HD.001.01.04.S



HD.401.01.04.S (Slimline)

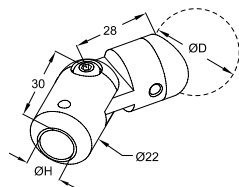
CROSS BAR HOLDERS



Fixed Holder



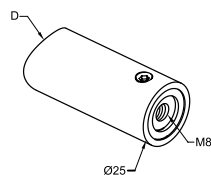
Part No.	ØD (For Tube)	ØH (For Rod)
HD.503.02.04.S	42.4 mm	12.0 mm
HD.503.03.04.S	42.4 mm	14.0 mm
HD.504.02.04.S	33.7 mm	12.0 mm
HD.504.03.04.S	33.7 mm	14.0 mm
HD.501.01.04.S	Flat	10.0 mm
HD.501.02.04.S	Flat	12.0 mm
HD.501.03.04.S	Flat	14.0 mm
HD.505.02.04.S	50.8 mm	12.0 mm



Flexible Holder



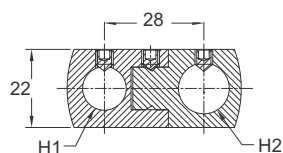
Part No.	ØD (For Tube)	ØH (For Rod)
HD.601.01.04.S	Flat	10.0 mm
HD.601.02.04.S	Flat	12.0 mm
HD.601.03.04.S	Flat	14.0 mm
HD.603.02.04.S	42.4 mm	12.0 mm
HD.603.03.04.S	42.4 mm	14.0 mm
HD.604.02.04.S	33.7 mm	12.0 mm
HD.604.03.04.S	33.7 mm	14.0 mm



Holder Long



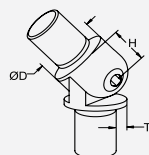
Part No.	ØD (For Tube)
HD.702.01.04.S	Flat
HD.702.02.04.S	33.7 mm
HD.702.03.04.S	42.4 mm
HD.702.04.04.S	48.3 mm
HD.702.05.04.S	38.1 mm
HD.702.06.04.S	50.8 mm



Strab Clip Cross Bar Holder



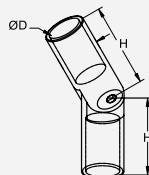
Part No.	H1 (For Rod)	H2 (For Rod)
SC.001.01.04.S	10.0 mm	10.0 mm
SC.001.02.04.S	10.0 mm	12.0 mm
SC.002.02.04.S	12.0 mm	12.0 mm
SC.002.03.04.S	12.0 mm	14.0 mm
SC.003.03.04.S	14.0 mm	14.0 mm
SC.004.04.04.S	12.7 mm / 0.5 inch	2.7 mm / 0.5 inch



Flexible Connector for Tube



Part No.	ØD (For Tube)	T (Thickness)	H (Height)
EB.211.01.04.S	16.0 mm	1.0 mm	8.5 mm

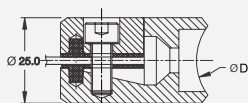


Flexible Connector for Rod



Part No.	ØD (For Tube)	H (Height)
EB.212.01.04.S	10.0 mm	33.5 mm
EB.213.01.04.S	12.0 mm	34.5 mm
EB.214.01.04.S	14.0 mm	35.5 mm
EB.215.01.04.S	12.7 mm/ 0.5 inch	34.5 mm

SHEET HOLDERS



Economy Range Holder

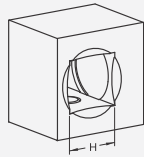


Part No.	ØD (For Tube)
HD.201.01.04.S	Flat
HD.202.01.04.S	33.7 mm
HD.203.01.04.S	42.4 mm
HD.204.01.04.S	48.3 mm
HD.206.01.04.S	38.1 mm/ 1.5 inch
HD.207.01.04.S	50.8 mm/ 2.0 inch

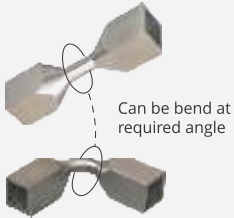
CROSS BAR HOLDERS



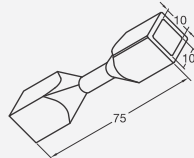
Square Holder



Part No.	S (For Tube)	H (Hole)
ZH.040.40.04.S	Flat	10x10 mm
ZH.040.41.04.S	Flat	12x12 mm
ZH.040.42.04.S	Flat	12.7x12.7 mm



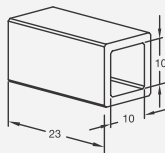
Connector for Square Rod



Part No.	H (Hole)
ZH.140.40.04.S	10x10 mm



Square Endcap



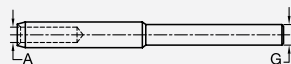
Part No.	H (Hole)
ZP.040.41.04.S	10x10 mm





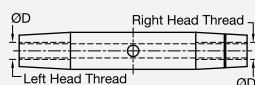
Wire Rope Sizes

Strand Construction	Item Code	Size of the Wire
	7x7 WC.001.01.04.S	4mm
	7x7 WC.003.01.04.S	5mm
	7x7 WC.002.01.04.S	6mm
Strand Construction	Item Code	Size of the Wire
	7x19 WC.001.02.04.S	4mm
	7x19 WC.003.02.04.S	5mm
	7x19 WC.002.02.04.S	6mm



Fitting with Crimping External Thread

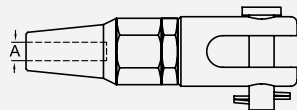
Part No.	A (For Wire)	Thread	G
WR.007.01.04.S	4 mm	Left	M6
WR.007.03.04.S	5 mm	Left	M8
WR.007.02.04.S	6 mm	Left	M8
WR.007.11.04.S	4 mm	Right	M6
WR.007.13.04.S	5 mm	Right	M8
WR.007.12.04.S	6 mm	Right	M8



Turn Buckle Left & Right Hand Thread

Part No.	G
WR.010.01.04.S	M6
WR.010.02.04.S	M8





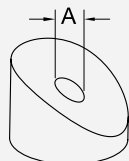
Knuckle Joint

Part No.	A (For Wire)
----------	--------------

WR.013.01.04.S	4 mm
----------------	------

WR.013.03.04.S	5 mm
----------------	------

WR.013.02.04.S	6 mm
----------------	------

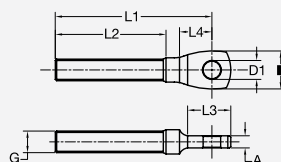


Spacer

Part No.	A (For Wire)
----------	--------------

WR.016.01.04.S	4 mm
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WR.016.02.04.S	6 mm
----------------	------

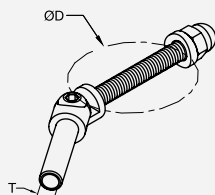


Eye Bolt

Part No.	G	D1
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WR.012.01.04.S	M6	5.5 mm
----------------	----	--------

WR.012.02.04.S	M8	6.6 mm
----------------	----	--------



Fitting with Crumpling Adjustable

Part No.	T	ØD
----------	---	----

WR.103.02.04.S	4 mm	42.4 mm
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WR.103.03.04.S	5 mm	42.4 mm
----------------	------	---------

WR.103.04.04.S	6 mm	42.4 mm
----------------	------	---------

WR.104.02.04.S	4 mm	48.3 mm
----------------	------	---------

WR.104.03.04.S	5 mm	48.3 mm
----------------	------	---------

WR.104.04.04.S	6 mm	48.3 mm
----------------	------	---------

WR.105.02.04.S	4 mm	38.1 mm/1.5 inch
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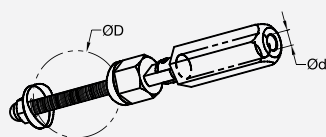
WR.105.03.04.S	5 mm	38.1 mm/1.5 inch
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WR.105.04.04.S	6 mm	38.1 mm/1.5 inch
----------------	------	------------------

WR.106.02.04.S	4 mm	50.8 mm/2.0 inch
----------------	------	------------------

WR.106.03.04.S	5 mm	50.8 mm/2.0 inch
----------------	------	------------------

WR.106.04.04.S	6 mm	50.8 mm/2.0 inch
----------------	------	------------------



Fitting with Grub Screw Adjustable(Hexagon)

Part No.	T	ØD
----------	---	----

WR.003.02.04.S	4 mm	42.4 mm
----------------	------	---------

WR.003.03.04.S	5 mm	42.4 mm
----------------	------	---------

WR.003.04.04.S	6 mm	42.4 mm
----------------	------	---------

WR.004.02.04.S	4 mm	48.3 mm
----------------	------	---------

WR.004.03.04.S	5 mm	48.3 mm
----------------	------	---------

WR.004.04.04.S	6 mm	48.3 mm
----------------	------	---------

WR.005.02.04.S	4 mm	38.1 mm/1.5 inch
----------------	------	------------------

WR.005.03.04.S	5 mm	38.1 mm/1.5 inch
----------------	------	------------------

WR.005.04.04.S	6 mm	38.1 mm/1.5 inch
----------------	------	------------------

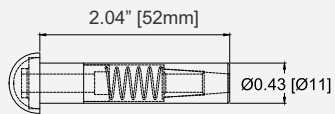
WR.006.02.04.S	4 mm	50.8 mm/2.0 inch
----------------	------	------------------

WR.006.03.04.S	5 mm	50.8 mm/2.0 inch
----------------	------	------------------

WR.006.04.04.S	6 mm	50.8 mm/2.0 inch
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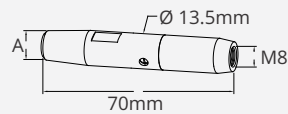
Push Lock Tensioner



Part No.	For Cable Size (A)
WR.107.02.04.S	Ø4mm
WR.107.04.04.S	Ø6mm
WR.107.51.04.S	Ø1/8"
WR.107.52.04.S	Ø3/16"



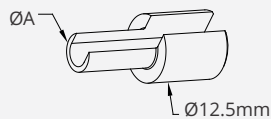
Turn Buckle



Part No.	For Cable Size (A)
WRP.201.02.04.S	Ø4mm
WRP.201.04.04.S	Ø6mm
WRP.201.51.04.S	Ø1/8"
WRP.201.52.04.S	Ø3/16"



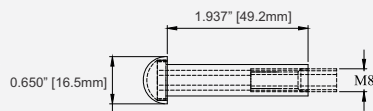
Cable Releasing Tool



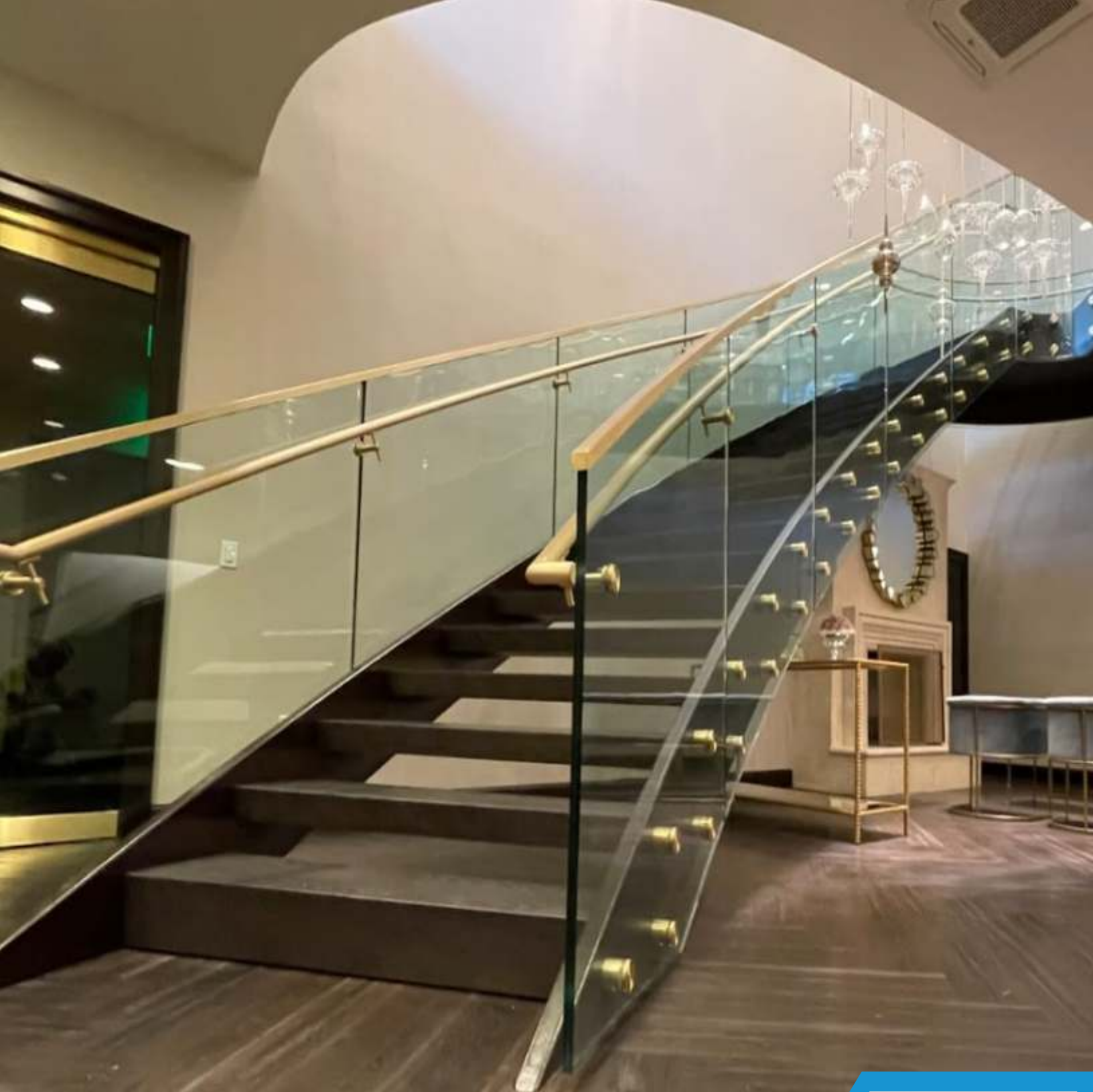
Part No.	For Cable Size (A)
WRP.100.02.04.S	Ø4mm
WRP.100.04.04.S	Ø6mm
WRP.100.51.04.S	Ø1/8"
WRP.100.52.04.S	Ø3/16"



Tensioner



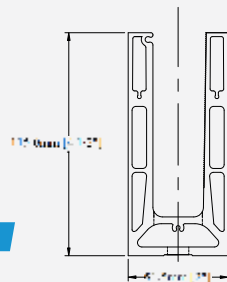
Part No.	For Cable Size (A)
WR.108.02.04.S	Ø4mm
WR.108.04.04.S	Ø6mm
WR.108.51.04.S	Ø1/8"
WR.108.52.04.S	Ø3/16"



Frameless Glass Railing

Dry Glaze Channel, Standoff, Spigots

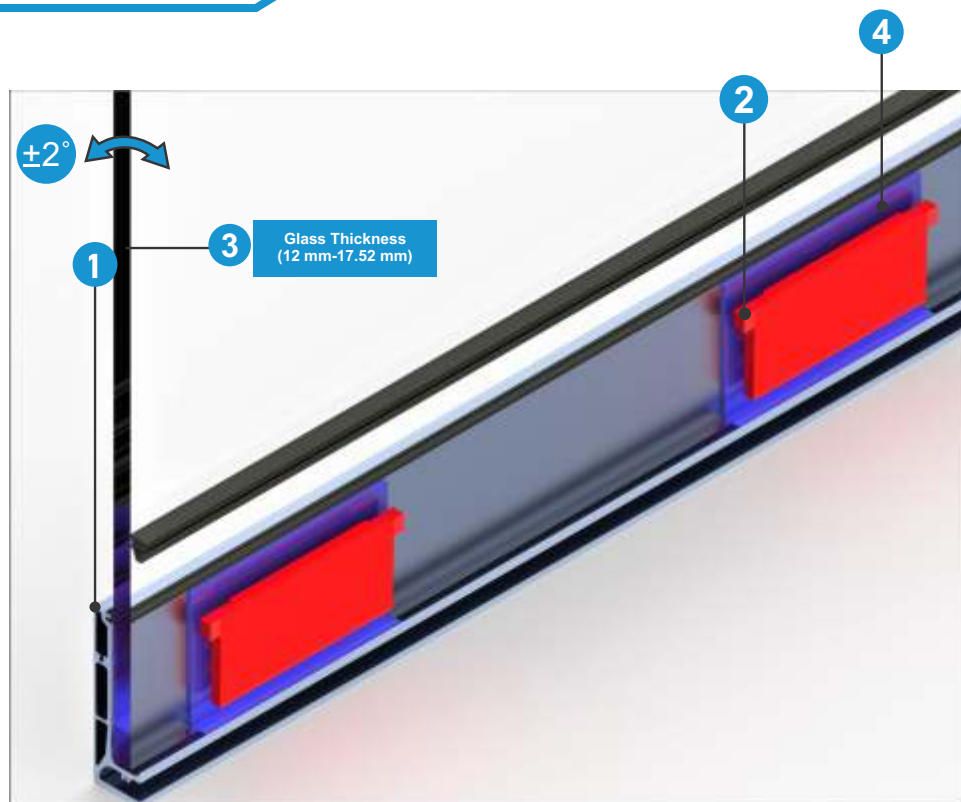
6



Top Mount Aluminum Channel



Part No.	Length
ETP.007.01.AL.A	2.5 M



Labelling

- 1** Aluminum Channel
- 2** Adjustable shim
- 3** Glass Thickness
- 4** Plastic Wedge

Plastic Wedge Selection Chart for 1.5 kN Dry Glaze Channel

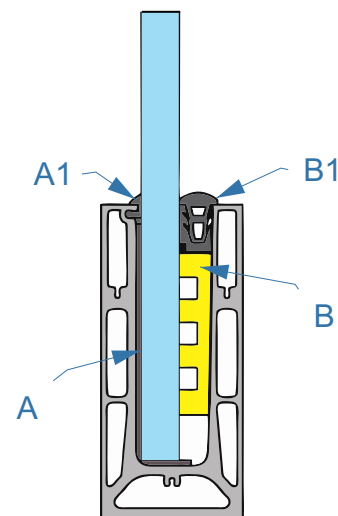


Standard Plastic Wedge (A) (3 pcs. per meter)	Glass Size	Plastic Shim (B) (3 pcs. per meter)
PSW.007.00.PLN 12-17.52 mm (1/2"-11/16")	12/12.76 mm (1/2")	PSG.007.04.PLN
	13.52 mm (9/16")	PSG.007.05.PLN
	15.52 mm (5/8")	PSG.007.08.PLN
	17.52 mm (11/16")	PSG.007.11.PLN

Rubber Selection Chart for 1.5 kN Dry Glaze Channel



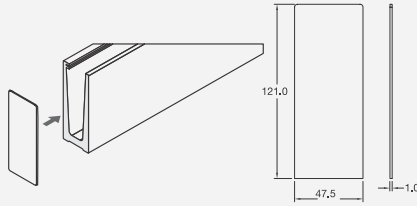
Standard Rubber (A1)	Glass Size	Rubber (B1)
ETR.007.00.RB.N 12-17.52 mm (1/2"-11/16")	12/12.76 mm (1/2")	ETR.007.04.RB.N
	13.52 mm (9/16")	ETR.007.05.RB.N
	15.52 mm (5/8")	ETR.007.08.RB.N
	17.52 mm (11/16")	ETR.007.11.RB.N



All accessories used for both 1.5kN Top mount and Side mount Dry Glaze Channel



End Cover

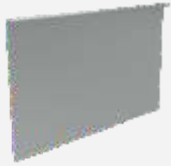


Part No.

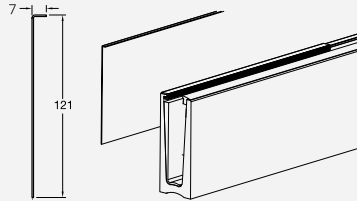
EC.007.01.04.S

Design

End Cladding



Both Side SS Cladding with Satin Finish



Part No.

RC.007.01.04.S

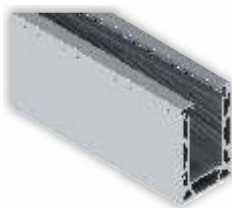


Shim Hammer

Part No.

PSH.001.00.00.N

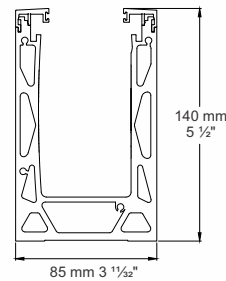
3 kN DRY GLAZE CHANNEL



Top Mount

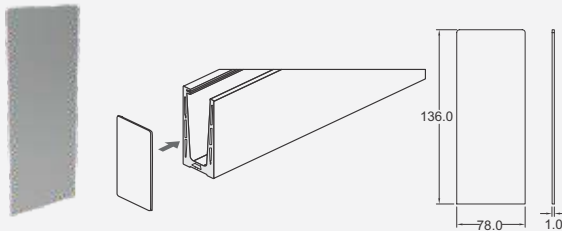


Side Mount



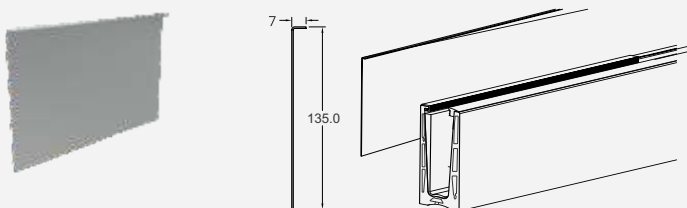
Load Capacity: 3kN

Top	Side	Length	Glass Thickness
ETP.010.01.AL.A	ETP.010.11.AL.A	2.5 M	14.22-25.52 mm (9/16" - 1")



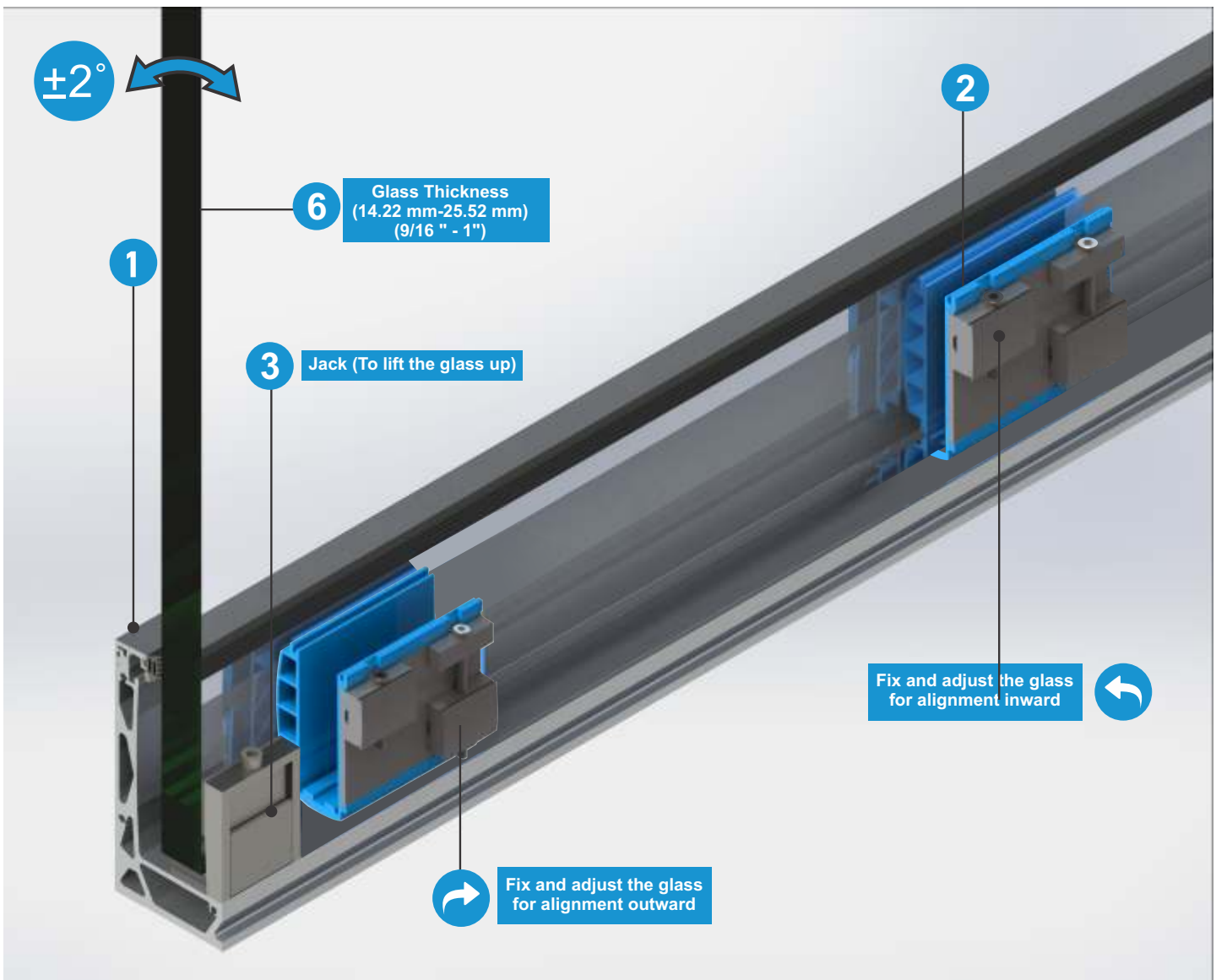
End Cover

Part No.	Design
EC.010.01.04.S	End Cover



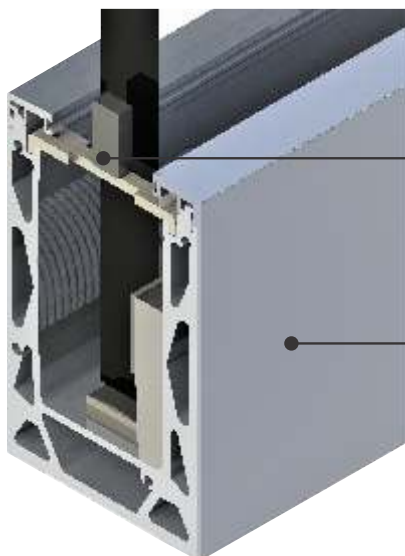
Both Side SS Cladding with Satin Finish

Part No.
RC.010.01.AL.A

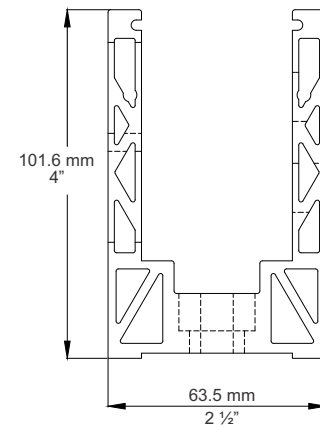


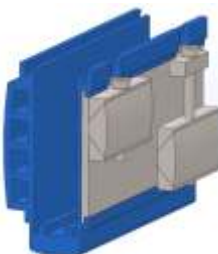
Labelling

- 1** Aluminum Channel
- 2** Adjustable shim
- 3** Jack (To lift the glass up)
- 4** Power Bridge
- 5** Side Cladding
- 6** Glass Thickness

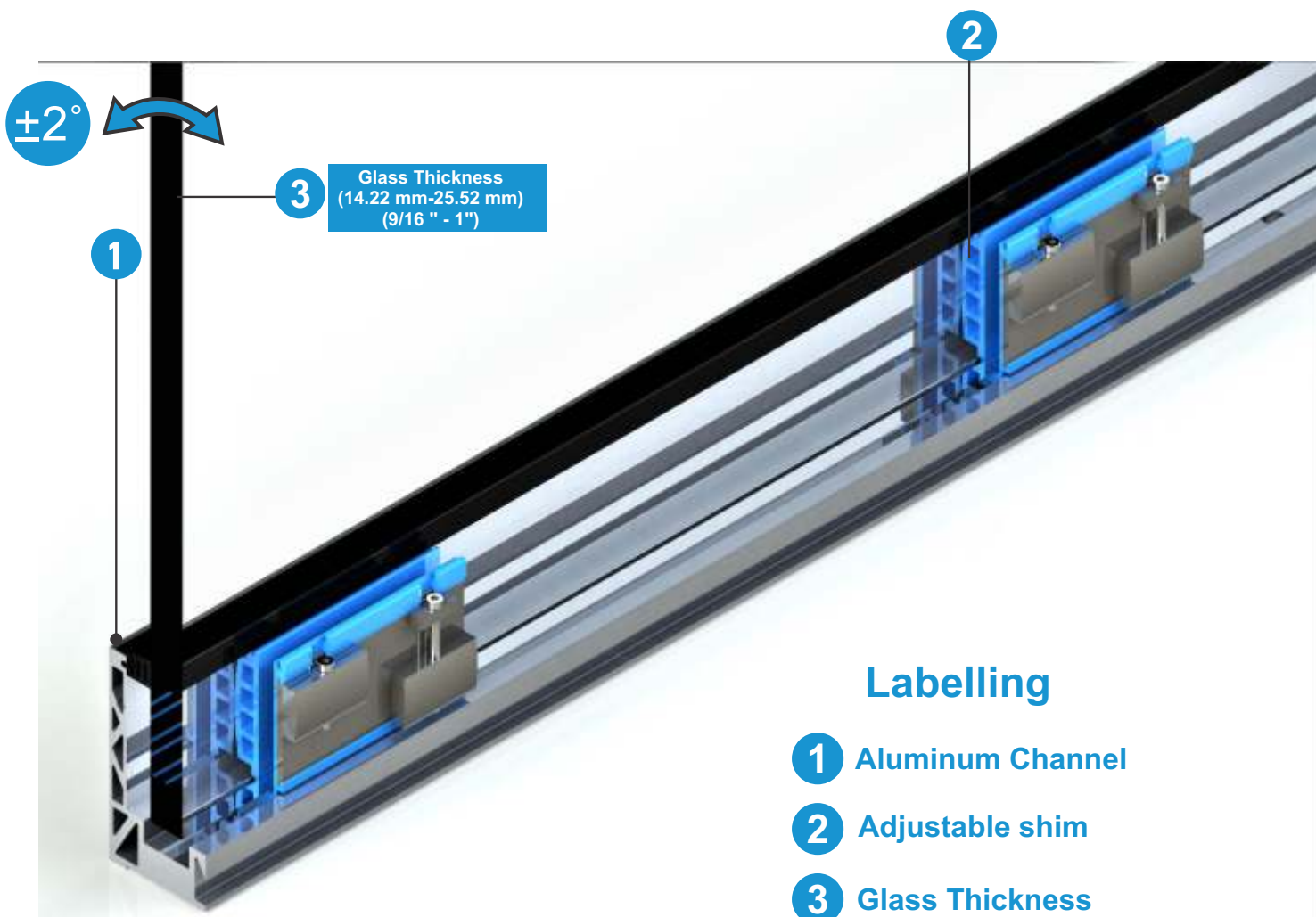


3 kN DRY GLAZE CHANNEL



Installation View	Shim	Adjustable Shim	Gasket
			

Top	Side	Length	Glass Thickness
ETP.011.01.ALA	ETP.011.11.ALA	2.5 M	14.22-25.52 mm(9/16" - 1")



Labelling

- 1 Aluminum Channel
- 2 Adjustable shim
- 3 Glass Thickness
- 4 Side Mount



DIFFERENT FINISHES AVAILABLE IN ALUMINUM CHANNEL



RAW FINISH



ANODIZED FINISH



SATIN FINISH WITH
SS CLADDING



WHITE



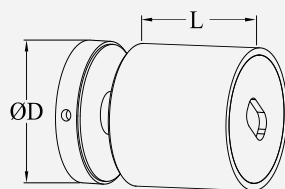
BLACK



WOOD PVDF FINISH

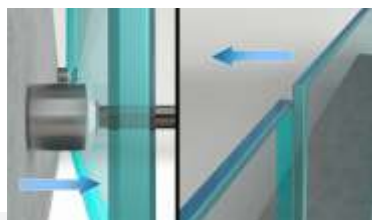
POWDER COATED FINISH

ADJUSTABLE STANDOFF



Part No.	ØD (Dia)	L (Length)	Ød (Dia) Hole in Glass
GHD.038.03.04.S	38mm (1½")	30mm (1¼")	18mm (23/32")
GHD.050.03.04.S	50mm (2")	30mm (1¼")	26mm (1½")
GHD.050.01.04.S	50mm (2")	50mm (2")	26mm (1½")

EXPANDED VIEW



Front Side Leveling



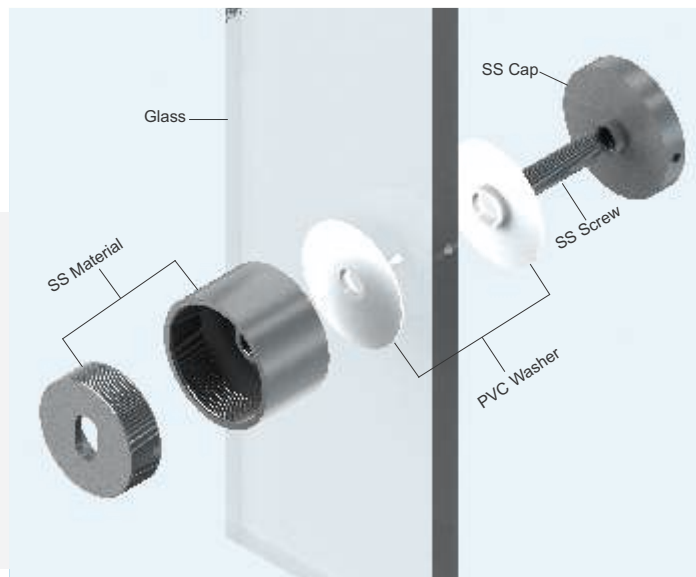
Vertical Adjustment



Horizontal Adjustment



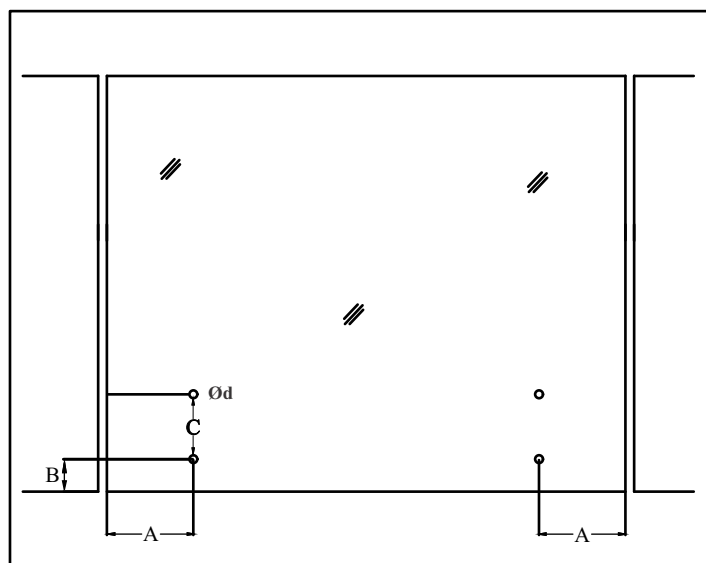
Adjustable Upto
5mm (3/16")

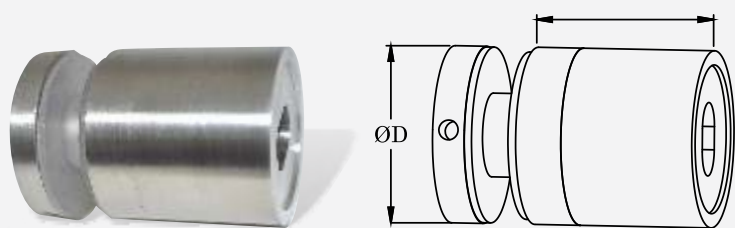


INSTALLATION DETAILS

Installation Guide on Glass (Hole Drilling Dimension)

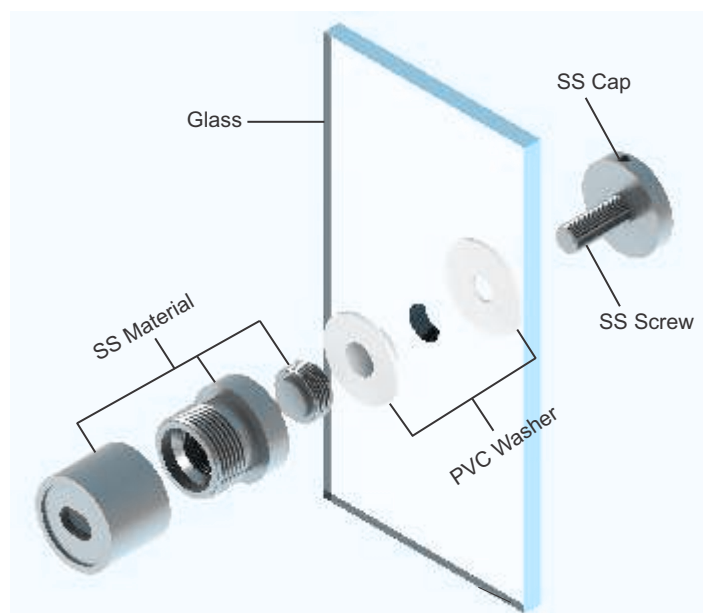
DISTANCE	MINIMUM	MAXIMUM
A	75mm (3")	200mm (8")
B	75mm (3")	--
C	150mm (6")	--





Part No.	ØD (Dia)	L (Length)	Glass Thickness
GHD.038.04.04.S	38mm (1½")	40mm (1⅝")	10-17.52mm (3/8"-11/16")

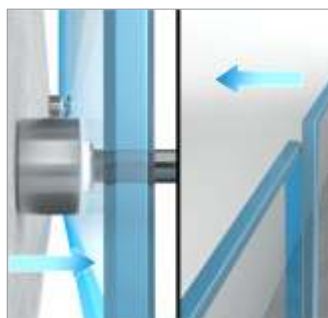
EXPANDED VIEW



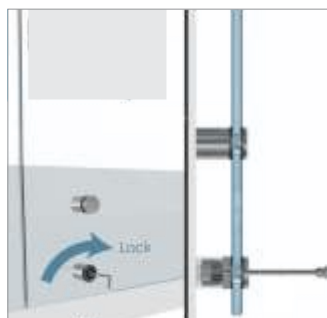
Horizontal Adjustment



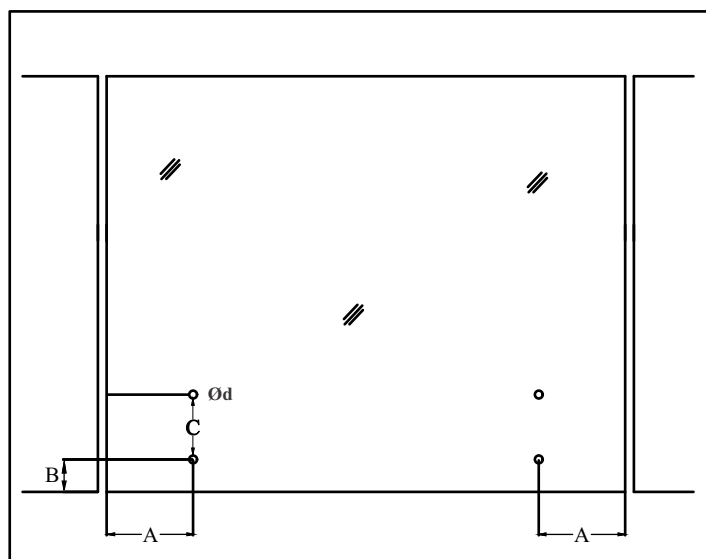
Vertical Adjustment



Front Side Leveling



Stabilizing Glass Alignment

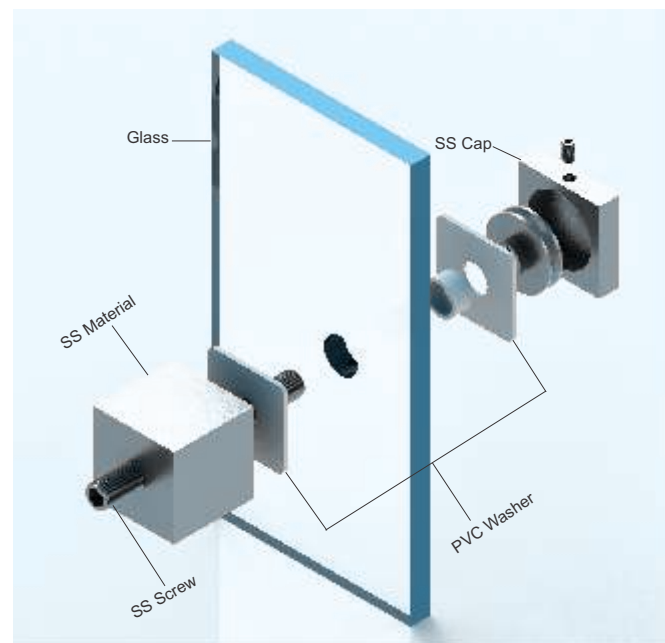
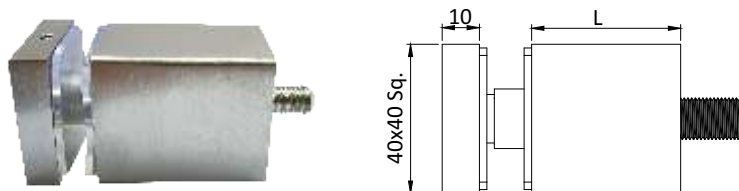


INSTALLATION DETAILS

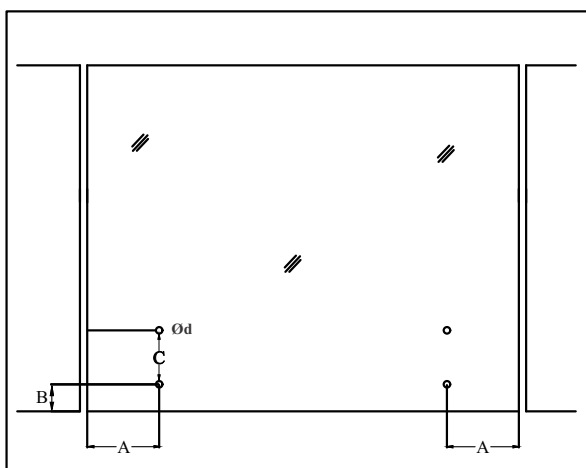
Installation Guide on Glass (Hole Drilling Dimension)

DISTANCE	MINIMUM	MAXIMUM
A	75mm (3")	200mm (8")
B	75mm (3")	--
C	150mm (6")	--

EXPANDED VIEW



Part No.	Size	L (Length)	Ød (Dia)
ZHS.040.10.04.S	40x40mm (1 9/16" X 1 9/16")	10mm (13/32")	Sample
ZHS.040.20.04.S	40x40mm (1 9/16" X 1 9/16")	20mm (25/32")	Sample
ZHS.040.30.04.S	40x40mm (1 9/16" X 1 9/16")	30mm (1 3/16")	Sample
ZHS.040.40.04.S	40x40mm (1 9/16" X 1 9/16")	40mm (1 9/16")	Sample



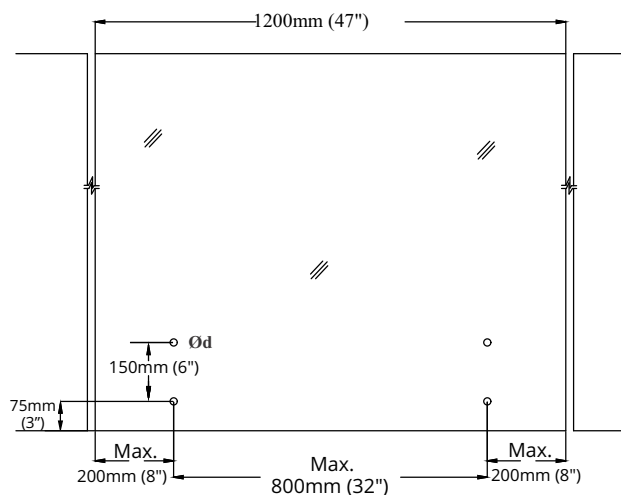
INSTALLATION DETAILS

Installation Guide on Glass (Hole Drilling Dimension)

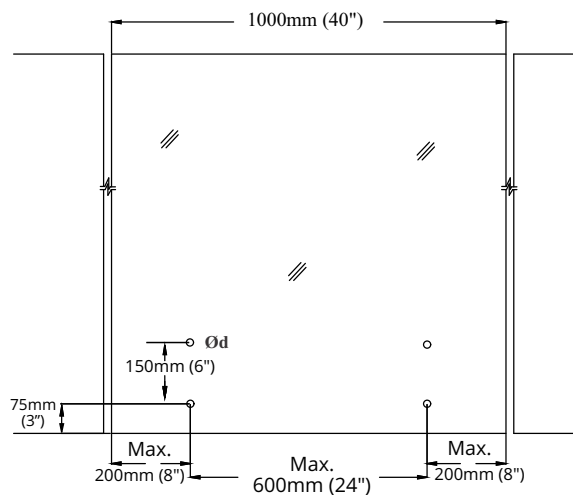
DISTANCE	MINIMUM	MAXIMUM
A	75mm (3")	200mm (8")
B	75mm (3")	--
C	150mm (6")	--

EXAMPLE INSTALLATIONS

GLASS LENGTH 1200mm (47")

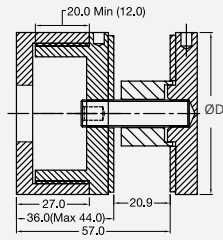


GLASS LENGTH 1000mm (40")

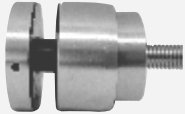




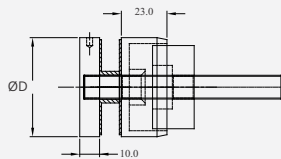
Adjustable Standoff 60 mm



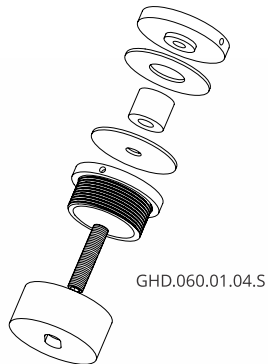
Part No.	ØD
GHD.060.01.04.S	60 mm (adjustable upto 8mm)
GHD.060.02.04.S	60 mm (adjustable upto 13mm)



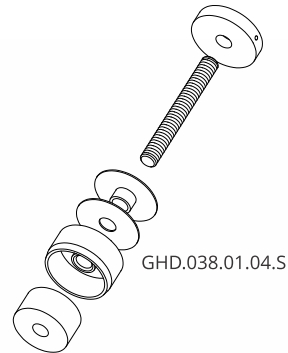
Round Standoff for Glass



Part No.	ØD
GHD.038.01.04.S	38mm
GHD.050.12.04.S	50mm



GHD.060.01.04.S



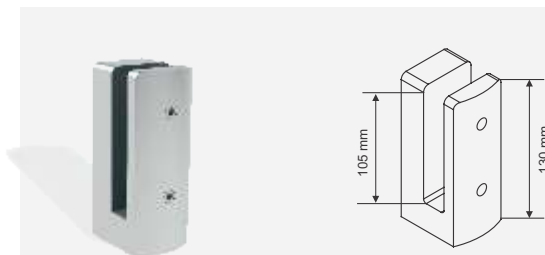
GHD.038.01.04.S



SPIGOTS

RANGE



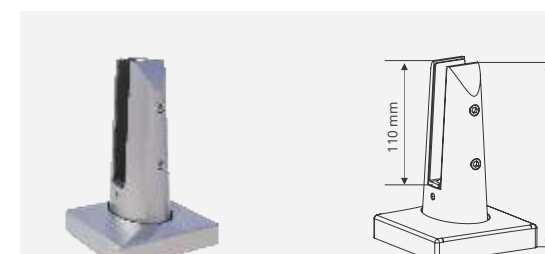


Part No.	Height	Glass Size
SGD.101.01.16.S	130 mm	12-17.52 mm

Fascia Mount Spigot (1.5 kN)





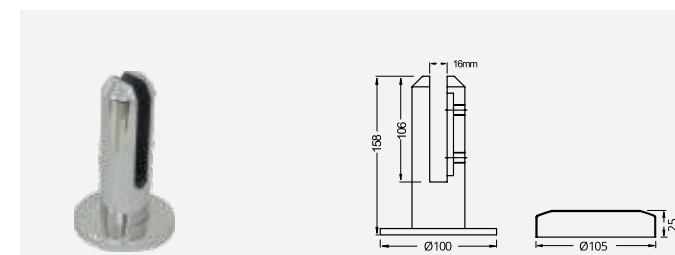



Part No.	Height	Glass Size
SGO.101.01.16.S	163 mm	12-17.52 mm

Oval shaped Friction Spigot (3 kN)



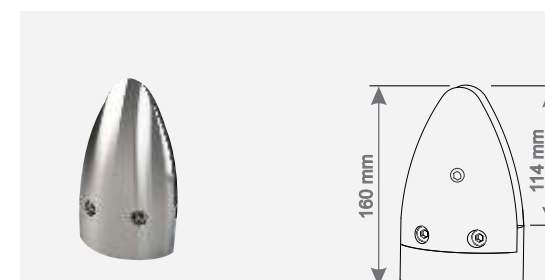




Part No.	Height	Glass Size
SGR.101.12.16.S	158 mm	10 - 12 mm

Round Friction Spigot (1.5 kN)

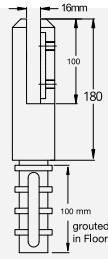


Part No.	Height	Glass Size
SGE.101.01.04.S	160 mm (6 3/8")	12-17.52 mm (1/2"-11/16")

Alpin Spigot

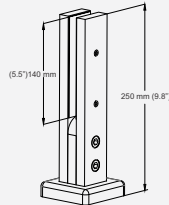


Round Friction Grouted Spigot (1.5 kN)



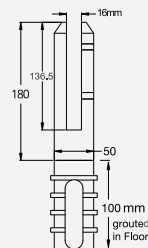
Part No.	Height	Glass Size
SGR.201.01.16.S	180 mm	10 - 12.76 mm



Everest



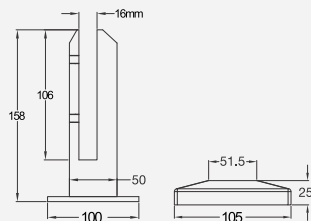
Part No.	Height	Glass Size
SGS.101.06.16.S	250 mm	10 - 12 mm



Square Friction Grouted (1.5 kN)



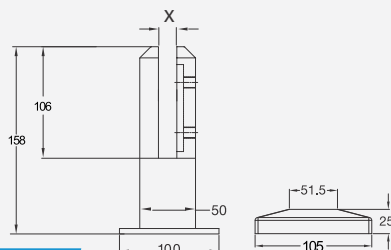
Part No.	Height	Glass Size
SGS.201.01.16.S	180 mm	10-12.76 mm



Square Friction Spigot (1.5 kN)



Part No.	Height	Glass Size
SGS.102.12.16.S	158 mm	10- 12 mm



Square Friction Spigot (3 kN)



Part No.	Height	Glass Size
SGS.102.03.16.S	158 mm	13.52 - 17.52 mm



Spigots are also available with PVD Technology



Rose Gold



Black



Yellow



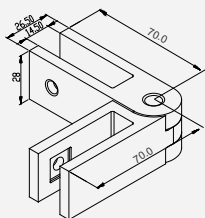
Golden



Rainbow



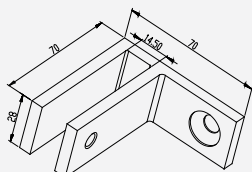
Flexible Stiffener



Part No.	For Glass
SF.100.00.16.S	10 to 12.76 mm



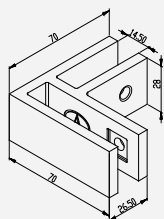
Wall Mount Glass Stiffener



Part No.	For Glass
SF.101.00.16.S	10 to 12.76 mm



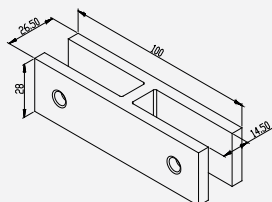
90° Stiffener



Part No.	For Glass
SF.103.00.16.S	10 to 12.76 mm



180° Stiffener



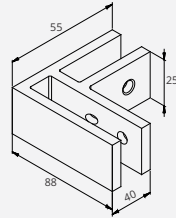
Part No.	For Glass
SF.105.00.16.S	10 to 12.76 mm



Glass Thickness		Color	
		Blue	Orange
Stiffener 10-12.76 mm Glass	10 mm	2	0
	10.76 mm	2	0
	12 mm	0	2
	12.76 mm	0	2



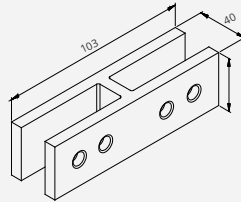
90° Stiffener



Part No.	For Glass
SF.103.02.04.S	16.76 - 21.52



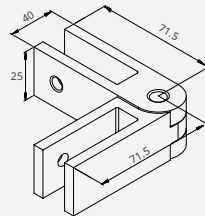
180° Stiffener



Part No.	For Glass
SF.105.02.04.S	16.76 - 21.52



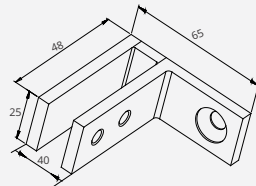
Flexible Stiffener



Part No.	For Glass
SF.100.02.04.S	16.76 - 21.52



Wall Mount Glass Stiffener



Part No.	For Glass
SF.101.02.04.S	16.76 - 21.52

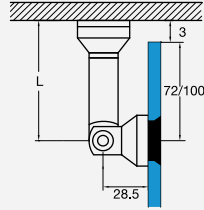


Glass Thickness		Color	
		Blue	Orange
Stiffener 16.76-21.52 mm Glass	16.76 mm	2	0
	17.52 mm	2	0
	19 mm	0	2
	20.76/21.52 mm	0	2

GLASS FITTINGS



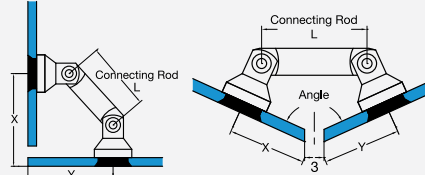
Wall to Glass



Part No.	L (Length)	T (Thickness)
GB.004.01.04.S	75 mm	8-12 mm
GB.004.02.04.S	103 mm	8-12 mm



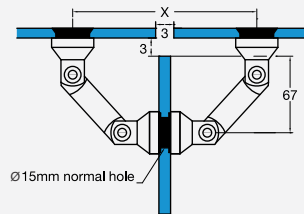
Glass to Glass with Connecting Rod



Part No.	L (Length)	T (Thickness)
GB.004.21.04.S	40 mm	8-12 mm
GB.004.22.04.S	60 mm	8-12 mm
GB.004.23.04.S	52.50 mm	8-12 mm
GB.004.24.04.S	82 mm	8-12 mm
GB.004.25.04.S	103 mm	8-12 mm



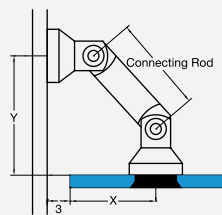
Glass to Glass through Clamping



Part No.	L (Length)	T (Thickness)
GB.004.31.04.S	40 mm	8-12 mm
GB.004.32.04.S	60 mm	8-12 mm
GB.004.33.04.S	52.50 mm	8-12 mm
GB.004.34.04.S	82 mm	8-12 mm
GB.004.35.04.S	103 mm	8-12 mm



Wall to Glass Flexible



Part No.	L (Length)	T (Thickness)
GB.004.11.04.S	40 mm	8-12 mm
GB.004.12.04.S	60 mm	8-12 mm
GB.004.13.04.S	52.50 mm	8-12 mm
GB.004.14.04.S	82 mm	8-12 mm
GB.004.15.04.S	103 mm	8-12 mm

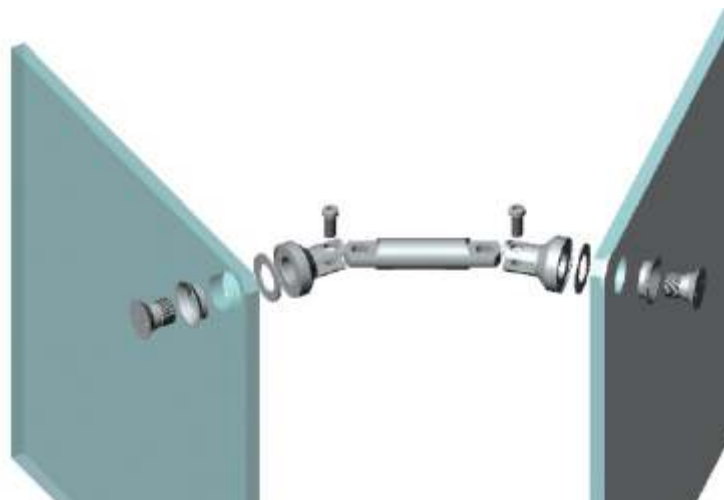
CORNER CONNECTION - SURFACE TO GLASS

Angle	Connecting Rod Length in MM		
90°	52.5 X/Y 67/65	60 X/Y 72/70	82 X/Y 87.5/86

CORNER CONNECTION - SURFACE TO GLASS

Angle	Connecting Rod Length in MM			
—	52.5	60	82	103
—	X/Y	X/Y	X/Y	X/Y
90°	75	80	96	—
95°	70	75	90	—
100°	66	71	85	—
105°	92	67	81	—
110°	59	63	77	—
115°	55	60	73	—
120°	52	52	69	—
125°	49	54	66	—
130°	47	51	63	—
135°	44	48	60	—
180°	—	—	—	50

INSTALLATION INSTRUCTIONS FOR TOP MOUNT & SIDE MOUNT

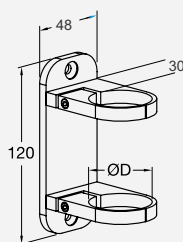




Base Mounting

Upright Clamp (Fascia, Top Mount), Plate Cover,
Disc & Flanges, Core Mount

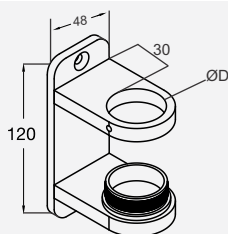
7



Rectangular Upright Clamp



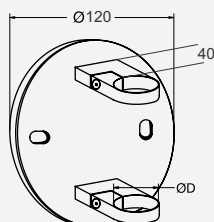
Part No.	ØD(For Tube)
UC.012.02.04.S	33.7 mm
UC.012.03.04.S	42.4 mm
UC.012.04.04.S	48.3 mm
UC.012.06.04.S	38.1 mm / 1.5 inch
UC.012.07.04.S	50.8 mm / 2.0 inch



Rectangular Upright Clamp



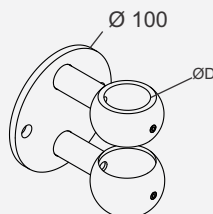
Part No.	ØD(For Tube)
UC.012.13.04.S	42.4 mm



Side Fit Clamp Ø120



Part No.	ØD(For Tube)
UC.002.02.04.S	33.7 mm
UC.002.03.04.S	42.4 mm
UC.002.04.04.S	48.3 mm
UC.002.06.04.S	38.1 mm / 1.5 inch
UC.002.07.04.S	50.8 mm / 2.0 inch



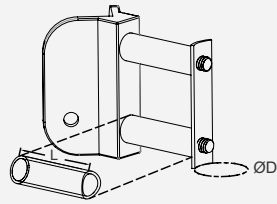
Side Fit Clamp Ø100



Part No.	ØD(For Tube)
UCR.005.03.04.S	42.4 mm

INSTALLATION INSTRUCTIONS

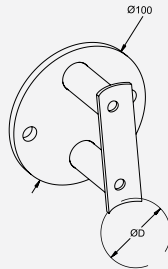
- 
Upright Clamp
Front View
- 
1. Open allen head screw
2. Open allen head
second screw
- 
Insert Pipe in Clamp
- 
Pipe inserting in second
Clamp
- 
Tight to allen head
screw with L-key



Upright Clamp Corner Fit Bush



Part No.	ØD(For Tube)	L
UC.005.12.04.S	33.7 mm	63.4 mm
UC.005.13.04.S	42.4 mm	65.2 mm
UC.005.14.04.S	48.3 mm	66.4 mm
UC.005.16.04.S	38.1 mm / 1.5 inch	64.3 mm
UC.005.17.04.S	50.8 mm / 2.0 inch	66.9 mm



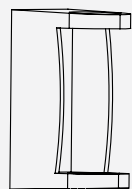
Upright Clamp Side Fit Bush



Part No.	ØD(For Tube)
UC.005.02.04.S	33.7 mm
UC.005.03.04.S	42.4 mm
UC.005.04.04.S	48.3 mm
UC.005.06.04.S	38.1 mm / 1.5 inch
UC.005.07.04.S	50.8 mm / 2.0 inch

INSTALLATION INSTRUCTIONS

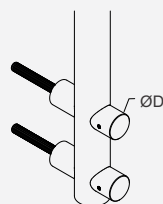
- 
Upright Clamp
- 
Put thread hole pipe on screw.
- 
View after put the pipe on screw adjust bottom tubes according to radius fitting
- 
Insert long HRA in pipe on screw.
- 
Final View



Round Fascia Mount Bracket



Part No.	For Tube	Thickness
UC.006.01.04.S	42.4 mm	2.0 mm

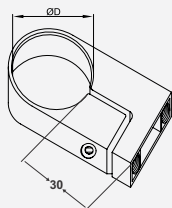


Fascia Mount Round Bracket



Part No.	ØD(For Tube)
UC.013.03.04.S	42.4 mm
UC.013.06.04.S	38.1 mm / 1.5 inch

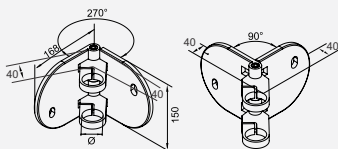
UPRIGHT CLAMP (FASCIA MOUNT)



Side Fit Clamp



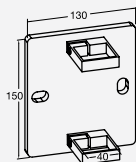
Part No.	ØD(For Rod)
UC.003.02.04.S	33.7 mm
UC.003.03.04.S	42.4 mm
UC.003.04.04.S	48.3 mm
UC.003.06.04.S	38.1 mm / 1.5 inch
UC.003.07.04.S	50.8 mm / 2.0 inch



Rotating Clamp



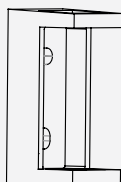
Part No.	ØD(For Tube)
UC.002.12.04.S	33.7 mm
UC.002.13.04.S	42.4 mm
UC.002.14.04.S	48.3 mm
UC.002.16.04.S	38.1 mm / 1.5 inch
UC.002.17.04.S	50.8 mm / 2.0 inch



Side Mount Upright Clamp



Part No.	D
ZC.040.41.04.S	40 x 40 mm

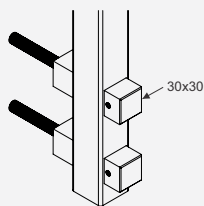


Square Fascia Mount Bracket



NEW

Part No.	For Square Tube	Thickness
UC.007.01.04.S	40 x 40 mm	2.0 mm

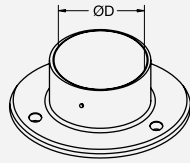


Fascia Mount Square Bracket



NEW

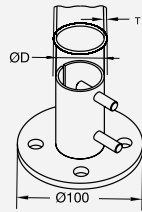
Part No.	For Square Tube
UCS.013.00.04.S	30 x 30 mm



Upright Clamp Base Fit



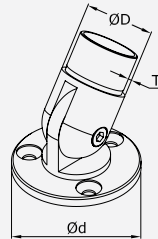
Part No.	ØD(For Tube)
UC.001.02.04.S	33.7 mm
UC.001.03.04.S	42.4 mm
UC.001.04.04.S	48.3 mm
UC.001.06.04.S	38.1 mm / 1.5 inch
UC.001.07.04.S	50.8 mm / 2.0 inch



Round Upright Clamp



Part No.	ØD(For Tube)	T(Thickness)
UC.004.02.04.S	33.7 mm	2.0 mm
UC.004.03.04.S	42.4 mm	2.0 mm
UC.004.23.04.S	42.4 mm	2.6 mm
UC.004.04.04.S	48.3 mm	2.0 mm
UC.004.24.04.S	48.3 mm	2.6 mm
UC.004.06.04.S	38.1 mm / 1.5 inch	2.0 mm
UC.004.16.04.S	38.1 mm / 1.5 inch	1.5 mm
UC.004.17.04.S	50.8 mm / 2.0 inch	1.5 mm
UC.004.07.04.S	50.8 mm / 2.0 inch	2.0 mm



Upright Clamp Flexible Base

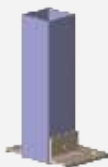
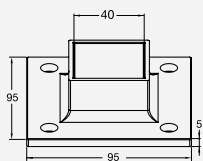


Part No.	ØD(For Tube)	T(Thickness)	Ød(For Plate)
UC.801.01.04.S	33.7 mm	2.0 mm	80 mm
UC.802.01.04.S	42.4 mm	2.0 mm	80 mm
UC.802.02.04.S	42.4 mm	2.6 mm	80 mm
UC.803.01.04.S	48.3 mm	2.0 mm	100 mm
UC.803.02.04.S	48.3 mm	2.6 mm	100 mm
UC.804.03.04.S	38.1 mm / 1.5 inch	1.5 mm	80 mm
UC.805.03.04.S	50.8 mm / 2.0 inch	1.5 mm	100 mm
UC.805.01.04.S	50.8 mm / 2.0 inch	2.0 mm	100 mm

INSTALLATION INSTRUCTIONS

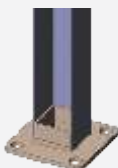
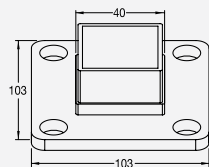
- Upright Clamp
- Insert Pipe in Upright Clamp center hole
- View after Pipe inserted in Upright Clamp center hole
- Tighten to Grub screw in Upright Clamp thread hole with L-key
- Final View Pipe fitting in Upright Clamp

UPRIGHT CLAMP (TOP MOUNT)



Part No.	S(For Tube)
ZC.040.40.04.S	40 x40 mm

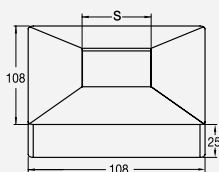
Square Upright Clamp Base Fit



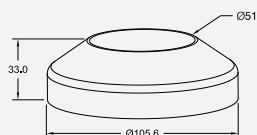
Part No.	S(For Tube)	T (Thickness)
ZC.050.40.04.S	40 x40 mm	2 mm

Weldable Plate Square with O Ring

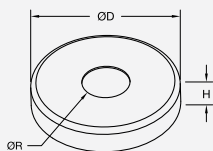



Square Base Cover Plate

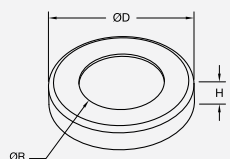
Part No.	S(For Tube)
ZC.105.40.04.S	40 x40 mm


Cover Plate in Conical Shape

Part No.	ØD	ØR(Centre Hole)	H(Thickness)
PC.105.16.04.S	105 mm	50.8 mm / 2.0 inch	25.0 mm


Cover Plate for Wall Bracket

Part No.	ØD	H(Thickness)	ØR(Centre Hole)
PC.060.01.04.S	60 mm	12.0 mm	12.0 mm
PC.076.02.04.S	76 mm	12.0 mm	12.0 mm
PC.076.01.04.S	76 mm	14.0 mm	12.0 mm


Cover Plate for Post

Part No.	ØD	ØR(Centre Hole)	H(Thickness)
PC.076.11.04.S	76 mm	33.7 mm	12.0 mm
PC.085.03.04.S	85 mm	33.7 mm	16.0 mm
PC.105.04.04.S	105 mm	33.7 mm	25.0 mm
PC.085.02.04.S	85 mm	42.4 mm	16.0 mm
PC.105.01.04.S	105 mm	42.4 mm	25.0 mm
PC.105.02.04.S	105 mm	42.4 mm	16.0 mm
PC.105.03.04.S	105 mm	48.3 mm	25.0 mm
PC.076.13.04.S	76 mm	38.1 mm / 1.5 inch	12.0 mm
PC.105.13.04.S	105 mm	38.1 mm / 1.5 inch	25.0 mm
PC.105.14.04.S	105 mm	50.8 mm / 2.0 inch	25.0 mm
PCH.125.02.04.S	125 mm	42.4 mm	25.0 mm
PCH.125.03.04.S	125 mm	48.3 mm	25.0 mm
PCH.125.14.04.S	125 mm	50.8 mm / 2.0 inch	25.0 mm

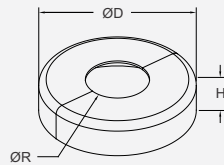
INSTALLATION INSTRUCTIONS



PLATE COVER

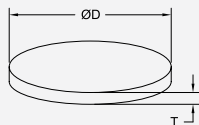


Split Cover

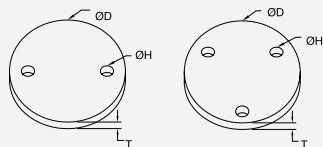


Part No.	ØD	ØR(Centre Hole)	H(Thickness)	T
PCH.105.01.04.S	105 mm	42.4 mm	25.0 mm	1.5 mm
PCH.105.03.04.S	105 mm	48.3 mm	25.0 mm	1.5 mm
PCH.105.04.04.S	105 mm	50.8 mm / 2.0 inch	25.0 mm	1.5 mm
PCH.105.02.04.S	105 mm	38.1 mm / 1.5 inch	25.0 mm	1.5 mm
PCH.125.01.04.S	125 mm	42.4 mm	25.0 mm	1.5 mm
PCH.125.03.04.S	125 mm	48.3 mm	25.0 mm	1.5 mm
PCH.125.04.04.S	125 mm	50.8 mm / 2.0 inch	25.0 mm	1.5 mm

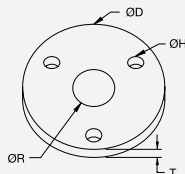



Base Plate w/o Hole

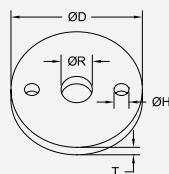
Part No.	ØD(Plate Dia.)	T(Thickness)
PL.033.04.04.S	33 mm	04 mm
PL.042.04.04.S	42 mm	04 mm
PL.048.04.04.S	48 mm	04 mm
PL.056.04.04.S	56 mm	04 mm
PL.058.01.04.S	58 mm	05 mm
PL.070.01.04.S	68 mm	05 mm
PL.080.06.04.S	80 mm	06 mm
PL.100.01.04.S	100 mm	06 mm
PL.100.10.04.S	100 mm	10 mm
PL.120.10.04.S	120 mm	10 mm


Base Plate with Hole

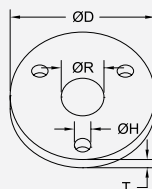
Part No.	ØD(Plate Dia.)	T(Thickness)	ØH(Outer Holes)
PW.058.11.04.S	58 mm	5.0 mm	2 x 6.5 mm
PW.070.11.04.S	68 mm	5.0 mm	2 x 6.5 mm
PW.080.11.04.S	80 mm	6.0 mm	2 x 8.5 mm
PW.100.12.04.S	100 mm	6.0 mm	3 x 11.0 mm
PW.120.12.04.S	120 mm	10.0 mm	3 x 13.0 mm


Base Plate with Hole

Part No.	ØD(Plate Dia.)	T(Thickness)	ØR(Inner Holes)	ØH(Outer Holes)
PW.058.15.04.S	58 mm	5.0 mm	8.2 mm	3 x 6.5 mm
PW.070.15.04.S	68 mm	5.0 mm	8.2 mm	3 x 6.5 mm


Base Plate with Large Hole

Part No.	ØD(Plate Dia.)	T(Thickness)	ØR(Inner Holes)	ØH(Outer Holes)
PW.100.13.04.S	100 mm	6.0 mm	33.7 mm	2 x 11.0 mm
PW.100.14.04.S	100 mm	6.0 mm	42.4 mm	2 x 11.0 mm
PW.120.13.04.S	120 mm	10.0 mm	42.4 mm	2 x 13.0 mm
PW.120.14.04.S	120 mm	10.0 mm	48.3 mm	2 x 13.0 mm
PW.100.16.04.S	100 mm	6.0 mm	38.1 mm / 1.5 inch	2 x 11.0 mm
PW.120.07.04.S	120 mm	10.0 mm	50.8 mm / 2.0 inch	2 x 13.0 mm

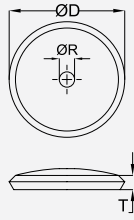

Big Base Plate with Holes

Part No.	ØD(Plate Dia.)	T(Thickness)	ØR(Inner Holes)	ØH(Outer Holes)
PW.100.15.04.S	100 mm	6.0 mm	42.4 mm	3 x 11.0 mm
PW.120.15.04.S	120 mm	10.0 mm	42.4 mm	3 x 13.0 mm
PW.120.16.04.S	120 mm	10.0 mm	48.3 mm	3 x 13.0 mm
PW.120.17.04.S	120 mm	10.0 mm	50.8 mm / 2.0 inch	3 x 13.0 mm

DISC & FLANGES



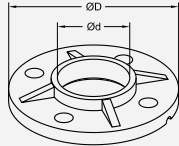
Curved Plate



Part No.	ØD(Plate Dia.)	T(Thickness)	ØR(Centre Hole)
CP.058.05.04.S	58 mm	5.0 mm	10.0 mm
CP.068.05.04.S	68 mm	5.0 mm	10.0 mm



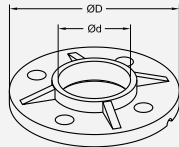
Weldable Base Plate with dia 100 mm



Part No.	ØD(Plate Dia.)	Ød(For Tube)
PW.107.02.04.N	100mm	33.7mm
PW.107.03.04.N	100mm	42.4 mm
PW.107.04.04.N	100mm	48.3 mm
PW.107.06.04.N	100mm	38.1 mm / 1.5 inch
PW.107.07.04.N	100mm	50.8 mm / 2.0 inch



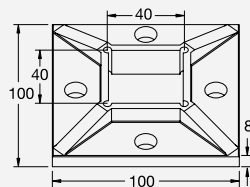
Weldable Base Plate with dia 120 mm



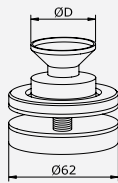
Part No.	ØD(Plate Dia.)	Ød(For Tube)
PW.207.02.04.N	120mm	33.7mm
PW.207.03.04.N	120mm	42.4 mm
PW.207.04.04.N	120mm	48.3 mm
PW.207.06.04.N	120mm	38.1 mm / 1.5 inch
PW.207.07.04.N	120mm	50.8 mm / 2.0 inch



Weldable Base Plate



Part No.	S(For Tube)
ZW.100.02.04.N	40 x 40 mm

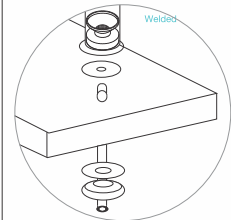
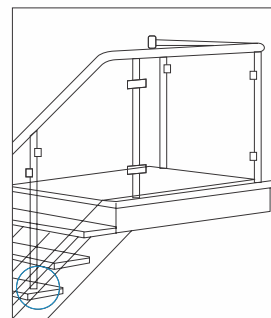
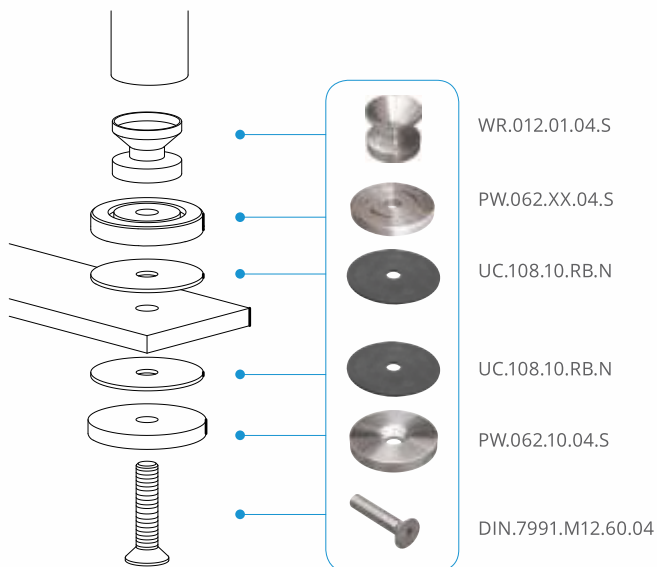


Upright Clamp Split Type



Part No.	ØD(Dia.)	T(Thickness)
UC.008.02.04.S	33.7 mm	2.0 mm
UC.008.03.04.S	42.4 mm	2.0 mm
UC.008.23.04.S	42.4 mm	2.6 mm
UC.008.04.04.S	48.3 mm	2.0 mm
UC.008.24.04.S	48.3 mm	2.6 mm
UC.008.16.04.S	38.1 mm / 1.5 inch	1.5 mm
UC.008.17.04.S	50.8 mm / 2.0 inch	1.5 mm
UC.008.07.04.S	50.8 mm / 2.0 inch	2.0 mm

INSTALLATION INSTRUCTIONS

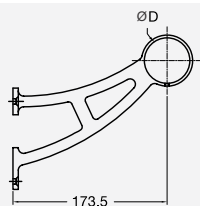




Hospitality Railing Fittings

Footrail Brackets, Footrail Tube Supports,
Shelf Supports, Pickets, Balls

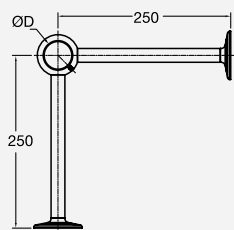
8



Round for Wall



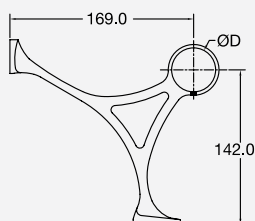
Part No.	ØD	CD
RF001.11.04.S	40.0 mm	156.5 mm
RF001.17.04.S	50.8 mm	173.5 mm



Round for Floor & Wall



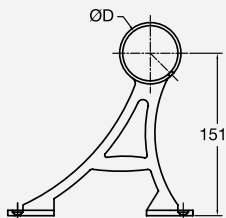
Part No.	ØD	CD
RF002.11.04.S	40.0 mm	250 mm
RF002.17.04.S	50.8 mm	250 mm



Wall Brackets



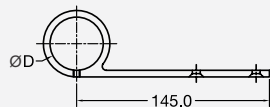
Part No.	ØD	CD (D1)	CD (D2)
RF003.11.04.S	40.0 mm	142 mm	169 mm
RF003.17.04.S	50.8 mm	142 mm	169 mm



Floor Brackets



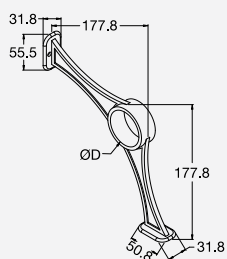
Part No.	ØD	CD
RF004.11.04.S	40.0 mm	151 mm
RF004.17.04.S	50.8 mm	151 mm



Single Wall to Floor Brackets



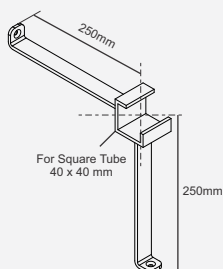
Part No.	ØD	CD
RF007.11.04.S	40.0 mm	145.0 mm
RF007.17.04.S	50.8 mm	145.0 mm



Wall to Floor Brackets



Part No.	ØD	CD
RF015.18.04.S	52.8	177.8 mm



Square for Floor & Wall

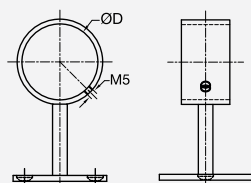


NEW

Part No.	For Square Tube
RFA.002.11.04.S	40 x 40 mm



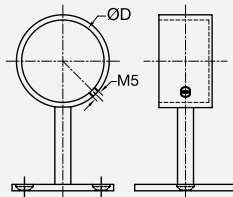
FOOTRAIL TUBE SUPPORT



Tube with Ring Through Hole Support



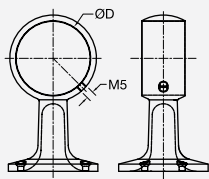
Part No.	ØD	CD
TFR.001.11.04.S	40.0 mm	81mm
TFR.001.06.04.S	38.1 mm	81mm
TFR.001.07.04.S	50.8 mm	81mm



Tube Support with Ring Decorative Through Blind Hole



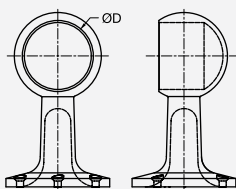
Part No.	ØD	CD
TFR.002.11.04.S	40.0 mm	64 mm
TFR.002.06.04.S	38.1 mm	64 mm
TFR.002.07.04.S	50.8 mm	81 mm



Tube Support with Blind Hole



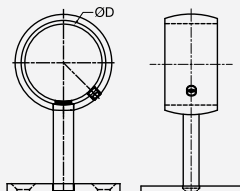
Part No.	ØD	CD
TFR.005.11.04.S	40.0 mm	83.6 mm
TFR.005.06.04.S	38.1 mm	83.6 mm
TFR.005.07.04.S	50.8 mm	83.6 mm



Tube Support with Curved Ring Through Hole



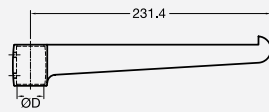
Part No.	ØD	CD
TFR.006.11.04.S	40.0 mm	76.2 mm
TFR.006.06.04.S	38.1 mm	83.6 mm
TFR.006.07.04.S	50.8 mm	83.6 mm



Tube Support with Ring Decorative Through Hole

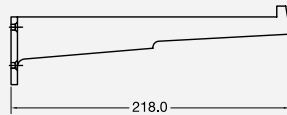


Part No.	ØD	CD
TFR.007.11.04.S	40.0 mm	64 mm
TFR.007.06.04.S	38.1 mm	64 mm
TFR.007.07.04.S	50.8 mm	64 mm



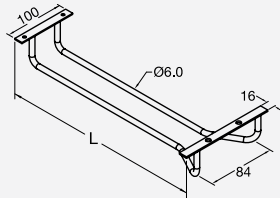
Self Support for Tube

Part No.	ØD	L
GP001.12.BR.M	25.0 mm	231.4 mm



Self Support for Wall

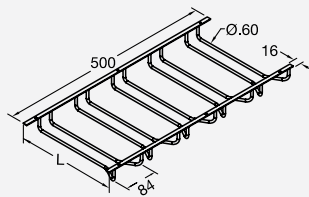
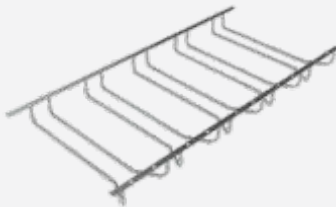
Part No.	L
GP002.01.04.S	218.0 mm



Wine Glass Holder Single Set



Part No.	L	X
LP001.01.04.S	316 mm	100 mm

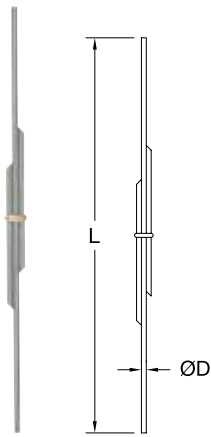


Wine Glass Holder Five Set



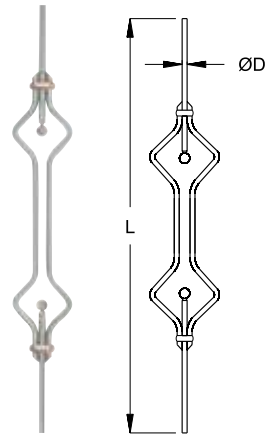
Part No.	L	X
LP002.01.04.S	316 mm	500 mm





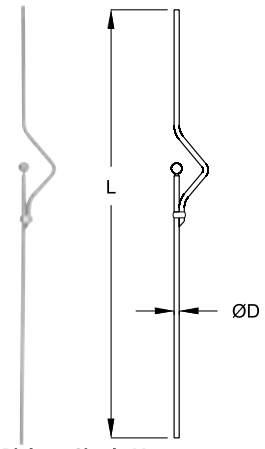
Pickets Two Bar

Part No.	ØD	L
BL.002.01.04.S	12 mm	950 mm
BL.002.11.04.S	12 mm	1000 mm



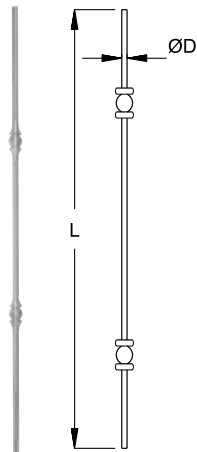
Pickets Four V

Part No.	ØD	L
BL.004.01.04.S	12 mm	950 mm
BL.004.11.04.S	12 mm	1000 mm



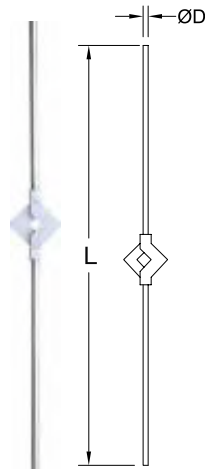
Pickets Single V

Part No.	ØD	L
BL.005.01.04.S	12 mm	950 mm
BL.005.11.04.S	12 mm	1000 mm



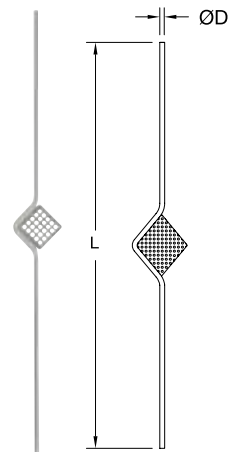
Pickets with Two Stud

Part No.	ØD	L
BL.006.01.04.S	12 mm	950 mm
BL.006.11.04.S	12 mm	1000 mm



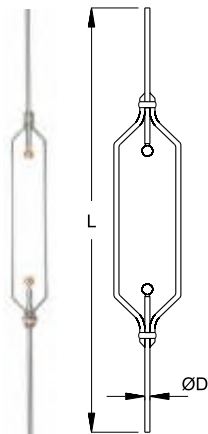
Pickets with Hole in Square Pattern

Part No.	ØD	L
BL.008.01.04.S	12 mm	950 mm
BL.008.11.04.S	12 mm	1000 mm



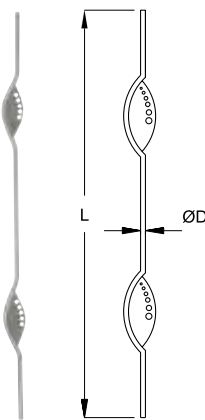
Pickets Single V with Portorated Sheet

Part No.	ØD	L
BL.009.01.04.S	12 mm	950 mm
BL.009.11.04.S	12 mm	1000 mm



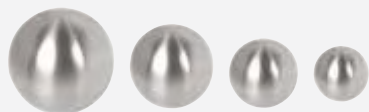
Pickets in Hexagon Shape

Part No.	ØD	L
BL.011.01.04.S	12 mm	950 mm
BL.011.11.04.S	12 mm	1000 mm

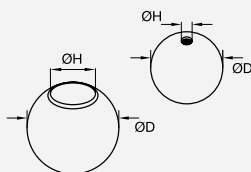


Pickets of Double arc Pattern

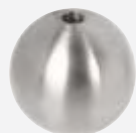
Part No.	ØD	L
BL.012.01.04.S	12 mm	950 mm
BL.012.11.04.S	12 mm	1000 mm



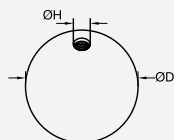
Solid Ball



Part No.	ØD (Ball Dia)	ØH (For Thread/For Rod)
BS.015.02.04.S	15 mm	M6
BS.020.02.04.S	20 mm	M6
BS.020.04.04.S	20 mm	10.0 mm
BS.020.05.04.S	20 mm	12.0 mm
BS.025.02.04.S	25 mm	M6
BS.025.05.04.S	25 mm	12.0 mm
BS.025.06.04.S	25 mm	14.0 mm
BS.030.02.04.S	30 mm	M6
BS.030.05.04.S	30 mm	12.0 mm
BS.030.06.04.S	30 mm	14.0 mm
BS.020.07.04.S	20 mm	12.7 mm/ 0.5 inch



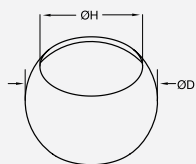
Solid Ball with Hole & Thread



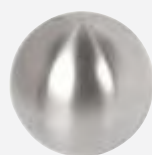
Part No.	ØD (Ball Dia)	ØH (For Thread)
BH.040.02.04.S	40 mm	M8
BH.050.02.04.S	50 mm	M8
BH.060.03.04.S	60 mm	M8
BH.070.03.04.S	70 mm	M8
BH.080.03.04.S	80 mm	M10
BH.090.04.04.S	90 mm	M10
BH.100.04.04.S	100 mm	M10
BH.120.04.04.S	120 mm	M10
BH.150.05.04.S	150 mm	M14
BH.200.05.04.S	200 mm	M14



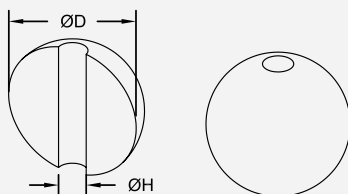
Hollow Ball



Part No.	ØD (Ball Dia)	ØH (For Tube)
BH.045.11.04.S	45 mm	33.7 mm
BH.055.12.04.S	55 mm	42.4 mm
BH.060.13.04.S	60 mm	48.3 mm
BH.050.15.04.S	50 mm	38.1 mm/ 1.5 inch
BH.060.16.04.S	60 mm	50.8 mm/ 2.0 inch

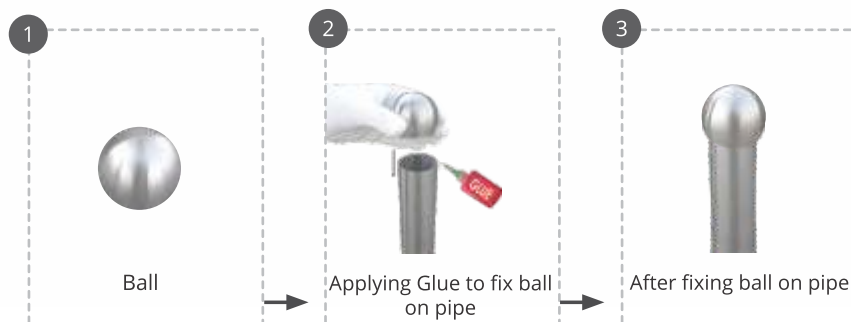


Solid Ball Through Hole



Part No.	ØD (Ball Dia)	ØH (For Rod)
BS.020.24.04.S	20 mm	10 mm
BS.020.25.04.S	20 mm	12 mm
BS.025.25.04.S	25 mm	12 mm
BS.025.26.04.S	25 mm	14 mm
BS.030.25.04.S	30 mm	12 mm
BS.030.26.04.S	30 mm	14 mm

INSTALLATION INSTRUCTIONS

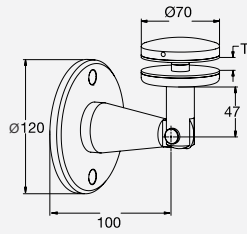




Canopy System

Glass Infill, Multiline Infill, Vertical Picket, Cable Infill, Wall Railing, Frameless Glass Railing, French Balcony, LED Railing

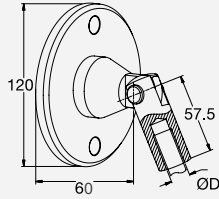
9



Wall to Glass Round Plate



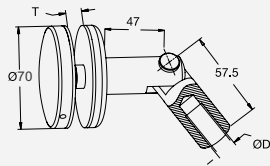
Part No.	T (Glass Thickness)
CN.001.01.16.S	12-20 mm



Wall to Rod with Round Plate



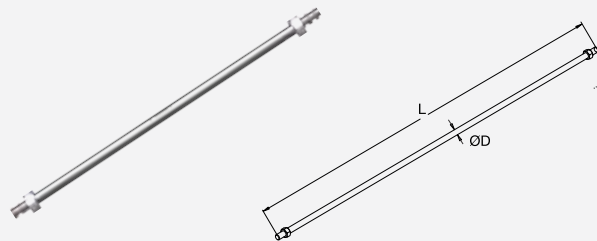
Part No.	ØD (For Rod)
CN.002.01.16.S	M12



Glass to Rod



Part No.	ØD (For Rod)	T (Thickness)
CN.003.01.16.S	M12	12-20mm



Connecting Rod



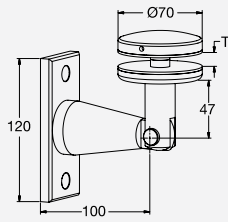
Part No.	ØD (Bar Dia)	L (Length)
CN.004.01.16.S	12 mm	940 mm
CN.004.02.16.S	12 mm	1500 mm



2 sets of canopy system are used for Glass Thickness 12.76 mm

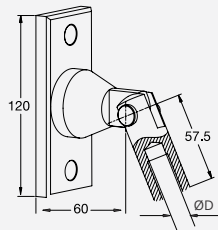
Canopy System Set
Wall to Glass 2x
Wall to Rod 2x
Glass to Rod 2x
Connecting Rod 2x

CANOPY SYSTEM (HEAVY DUTY WITH RECTANGULAR PLATE)



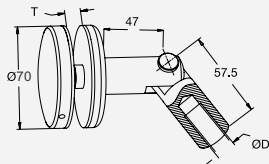
Part No.	T (Glass Thickness)
CN.001.02.16.S	12-20 mm

Wall to Glass with Rectangular Plate



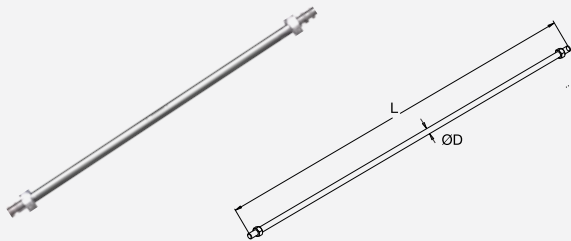
Part No.	ØD (For Rod)
CN.002.02.16.S	M12

Wall to Rod with Rectangular Plate



Part No.	ØD (For Rod)	T (Thickness)
CN.003.01.16.S	M12	12-20mm

Glass to Rod



Connecting Rod



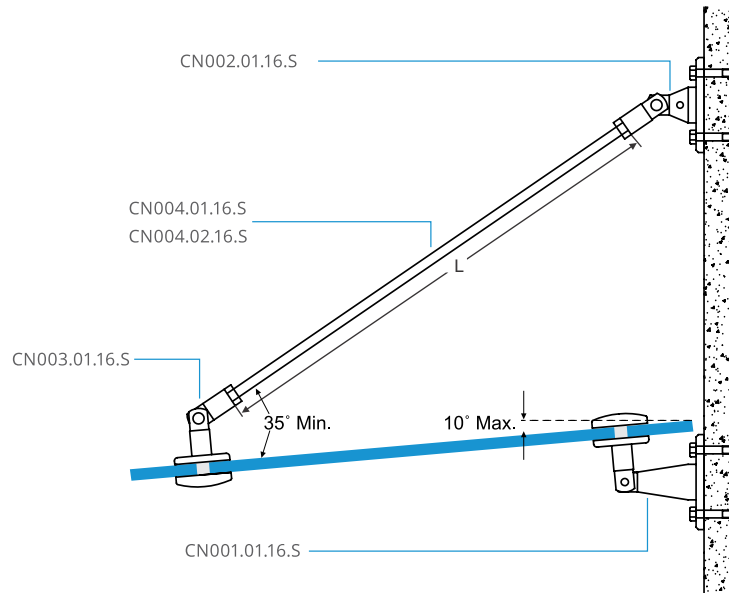
Part No.	ØD (Bar Dia)	L (Length)
CN.004.01.16.S	12 mm	940 mm
CN.004.02.16.S	12 mm	1500 mm



Canopy System Set
Wall to Glass 2x
Wall to Rod 2x
Glass to Rod 2x
Connecting Rod 2x

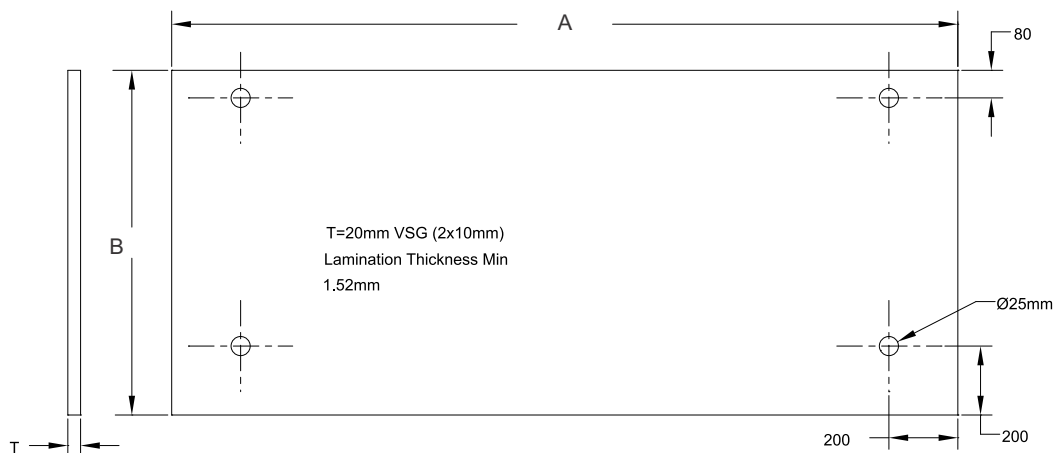
*Tested to 400 kg per sq. meter dead load



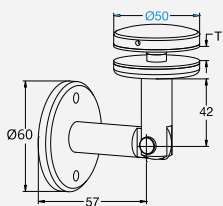


CANOPY SYSTEMS (HEAVY DUTY) SELECTION CHART

Glass Dimension		Rod length		Sets
A	B	L	Glass Thickness	
1200 mm	1000 mm	940 mm	12.52 mm	2
1400 mm	1000 mm	940 mm	12.52 mm	2
2100 mm	1000 mm	940 mm	12.52 mm	3
2600 mm	1000 mm	940 mm	12.52 mm	4
3000 mm	1000 mm	940 mm	12.52 mm	4
1400 mm	1000 mm	940 mm	17.52 mm	2
2100 mm	1000 mm	940 mm	17.52 mm	2
2600 mm	1000 mm	940 mm	17.52 mm	3
3000 mm	1000 mm	940 mm	17.52 mm	4
1400 mm	1000 mm	940 mm	21.52 mm	2
2100 mm	1000 mm	940 mm	21.52 mm	2
2600 mm	1000 mm	940 mm	21.52 mm	3
3000 mm	1000 mm	940 mm	21.52 mm	3
2100 mm	1200 mm	1500 mm	17.52 mm	2
2600 mm	1200 mm	1500 mm	17.52 mm	3
3000 mm	1200 mm	1500 mm	17.52 mm	3
2100 mm	1200 mm	1500 mm	21.52 mm	2
2600 mm	1200 mm	1500 mm	21.52 mm	3
3000 mm	1200 mm	1500 mm	21.52 mm	3



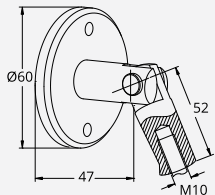
CANOPY SYSTEM (STANDARD)



Wall to Glass dia 50 mm



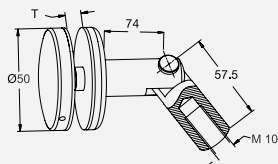
Part No.	T (Glass Thickness)
CN.001.11.16.S	8-12 mm



Wall to Rod



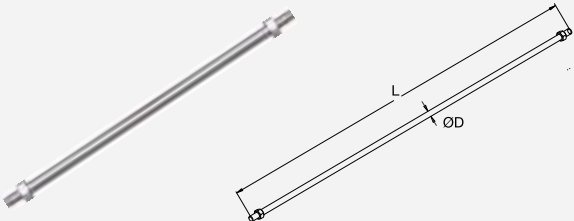
Part No.	ØD (For Rod)
CN.002.11.16.S	M10



Glass to Rod with dia 50 mm



Part No.	T (Glass Thickness)
CN.003.11.16.S	8-12 mm



Connecting Rod



Part No.	ØD (Bar Dia)	L (Length)
CN.004.11.16.S	10 mm	940 mm
CN.004.12.16.S	10 mm	840 mm
CN.004.13.16.S	10 mm	1000 mm
CN.004.14.16.S	10 mm	2000 mm



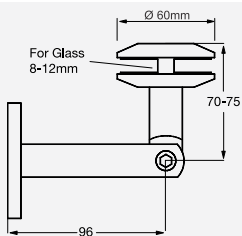
Canopy System Set
Wall to Glass 2x
Wall to Rod 2x
Glass to Rod 2x
Connecting Rod 2x

*Tested to 300 kg per sq. meter dead load





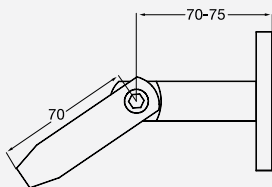
Classic Wall to Glass



Part No.	T (Thickness)
CN.001.03.16.S	8-12 mm



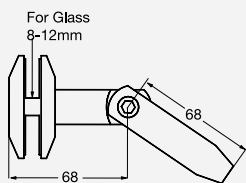
Wall to Rod



Part No.	D (For Rod)
CN.002.03.16.S	M10



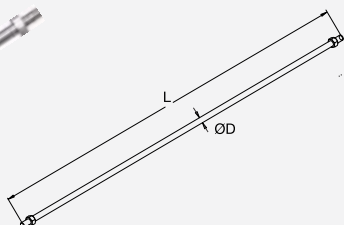
Classic Glass to Rod



Part No.	T (Thickness)
CN.003.03.16.S	8-12 mm



Connecting Rod

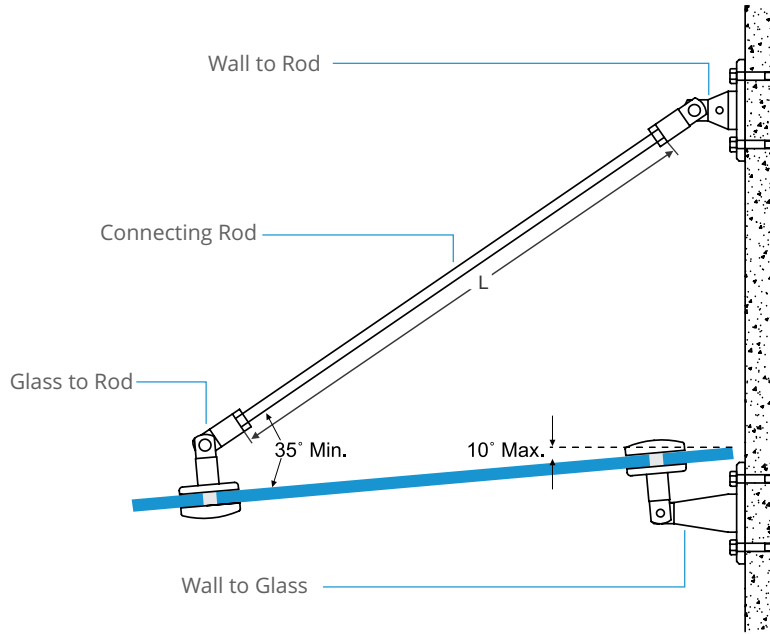


Part No.	ØD (Bar Dia)	L (Length)
CN.004.11.16.S	10 mm	940 mm
CN.004.12.16.S	10 mm	840 mm
CN.004.13.16.S	10 mm	1000 mm
CN.004.14.16.S	10 mm	2000 mm



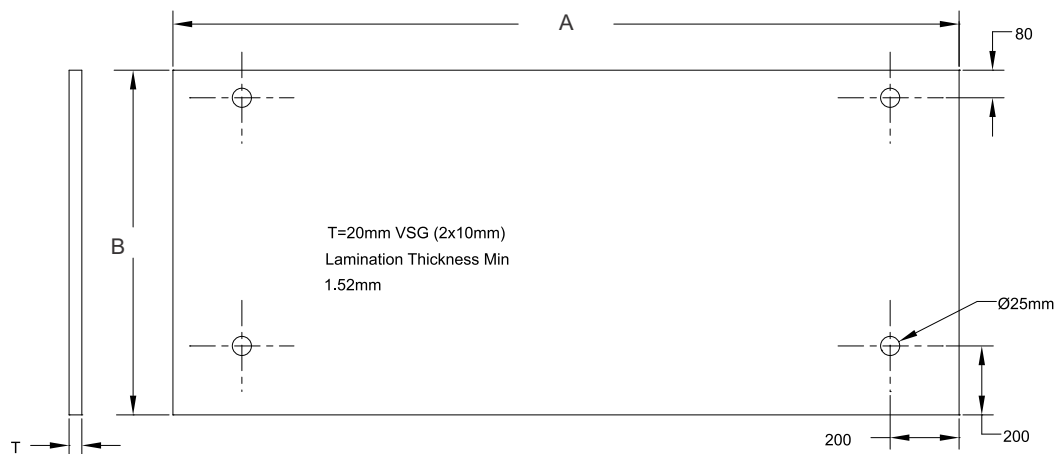
Canopy System Set
Wall to Glass 2x
Wall to Rod 2x
Glass to Rod 2x
Connecting Rod 2x

*Tested to 300 kg per sq. meter dead load



CANOPY SYSTEM (STANDARD & CLASSIC) SELECTION CHART

Glass Dimension		Rod length		Sets
A	B	L	Glass Thickness	
1100 mm	1000 mm	940 mm	10.52 mm	2
1200 mm	1000 mm	940 mm	10.52 mm	2
1400 mm	1000 mm	940 mm	10.52 mm	3
1100 mm	1000 mm	940 mm	12.52 mm	2
1200 mm	1000 mm	940 mm	12.52 mm	2
1400 mm	1000 mm	940 mm	12.52 mm	2
1500 mm	1000 mm	940 mm	12.52 mm	3
2000 mm	1000 mm	940 mm	12.52 mm	3
2000 mm	1000 mm	940 mm	13.52 mm	3
2200 mm	1000 mm	940 mm	13.52 mm	4



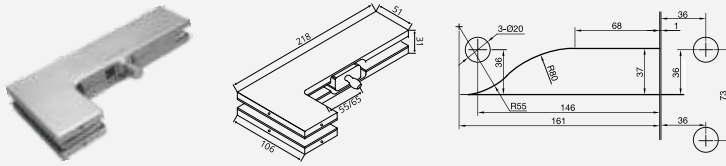


Glass Hardware

Glass Door Fittings, Frameless Glass Fittings, Shower Hinges, Glass Connectors, Sliding Door System, Spider Fittings

10

PATCH FITTINGS



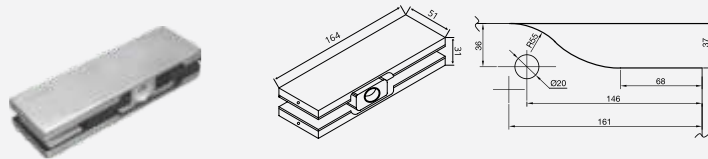
Door Patch to Connect Over Panel with Side Panel

Part No	Finish
NPF-101	SATIN
NPF-101-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Equipped with steel pivot pin head of diameter 15 mm.
- Adjustable center distance of pivot 55 to 65 mm.



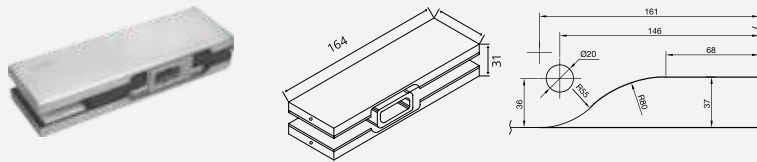
Top Patch for Glass Door

Part No	Finish
NPF-102	SATIN
NPF-102-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Equipped with a plastic socket of 15.2 mm diameter to accept a spindle from NPF-101 or RFS-GDP.
- Adjustable center distance of pivot 55 to 65 mm.



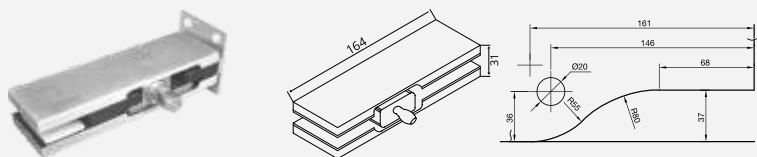
Bottom Patch for Glass Door

Part No	Finish
NPF-103	SATIN
NPF-103-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Fixed on the bottom of the door leaf to accept the spindle of RINOX floor hinge or any standard floor hinge.
- Adjustable center distance of pivot 55 to 65 mm.



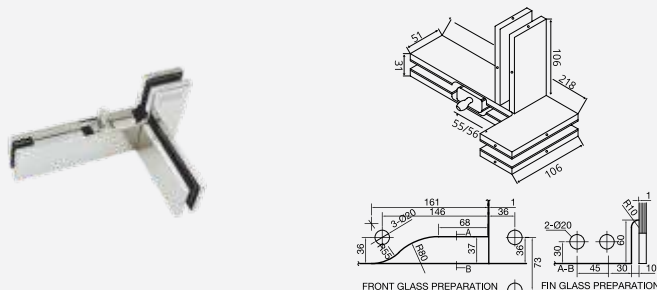
Corner Door Patch to Secure Over Panel with the Wall

Part No	Finish
NPF-104	SATIN
NPF-104-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Equipped with steel pivot pin head of diameter 15 mm.
- Adjustable center distance of pivot 55 to 65 mm.



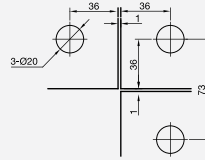
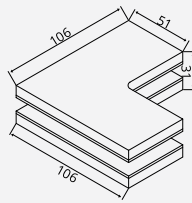
Door Patch to Connect Over Panel and Side Panel with Left / Right Fin

Part No	Finish	Part No	Finish
NPF-105L	SATIN	NPF-106R	SATIN
NPF-105L-M4	MIRROR	NPF-106RL-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Equipped with steel pivot pin head of diameter 15 mm.
- Adjustable center distance of pivot 55 to 65 mm.



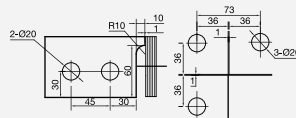
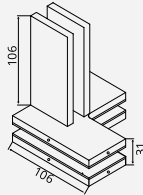
Corner Patch to Connect 2 Glass Panels

Part No	Finish
NPF-107	SATIN
NPF-107RL-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Patch to secure the over panel and side panel at the opening edge of the door



Corner Patch to Connect 2 Glass Panels with Left / Right Fin

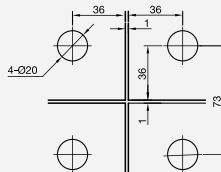
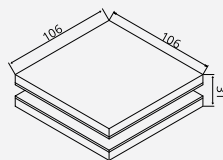
Part No	Finish
NPF-108L	SATIN
NPF-108L-M4	MIRROR

Part No	Finish
NPF-109R	SATIN
NPF-109R-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Patch to secure opening edge of the door.



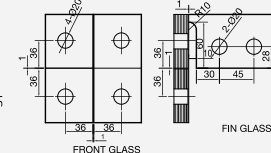
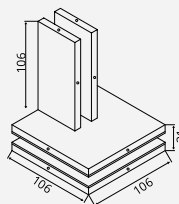
Patch to Fix 4 Glass Panels

Part No	Finish
NPF-110	SATIN
NPF-110-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Patch for fixing maximum of four glass panels together.



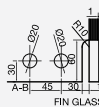
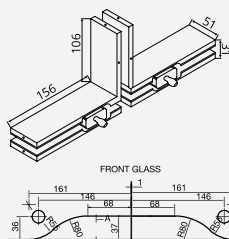
Patch to Fix 4 Glass Panels with Fin

Part No	Finish
NPF-111	SATIN
NPF-111-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Patch for integrating four glass panels and connecting with a fin.



Double Pivot Door Patch for Adjoining Doors

Part No	Finish
NPF-112	SATIN
NPF-112-M4	MIRROR

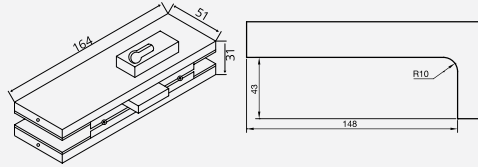
**WITH
ANTI
CORROSION
COVER**

Features:

- Over panel patch for adjoining doors.
- Equipped with steel pivot pin head of diameter 15 mm.
- Adjustable center distance of pivot 55 to 65 mm.

*Use for 8-12 mm Glass Thickness

PATCH FITTINGS



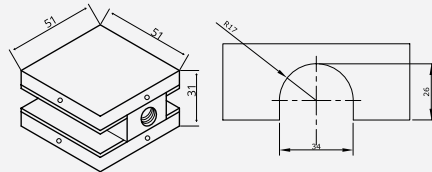
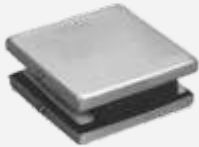
Patch Lock to Secure Swing Doors

Part No	Finish
NPF-115	SATIN
NPF-115-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Patch lock to secure swing doors.
- Bolt projection of 15 mm (Single Action).
- Supplied with three computerized high quality keys for maximum protection.



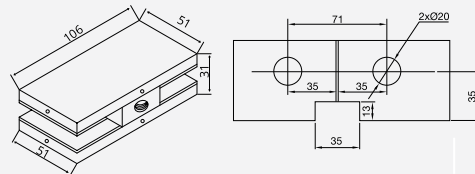
Patch to Secure Glass with Fixed Structure

Part No	Finish
NPF-116	SATIN
NPF-116-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

Features:

- Patch to secure glass with a fixed structure (ceiling, floor or wall).



Patch to Hold 2 Glass Panels with Fixed Structure

Part No	Finish
NPF-117	SATIN
NPF-117-M4	MIRROR

**WITH
ANTI
CORROSION
COVER**

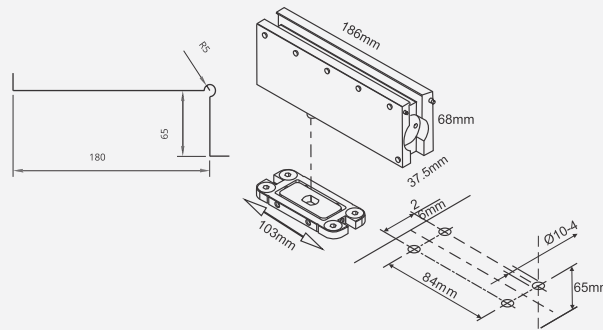
Features:

- Patch to hold two glass panels together with a fixed structure (ceiling, floor or wall).

*Use for 8-12 mm Glass Thickness



Hydraulic Patch



Part No	Door Weight	Door Width
RFS-302-S4	80KG	900mm
RFS-303-S4	100KG	1000mm

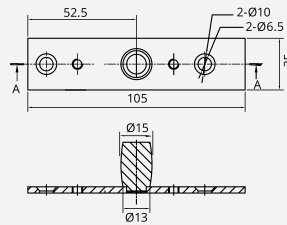
Features:

- Single Cylinder Cam Action Non-Digging Floor Hinge.
- Closing force EN 3 with Two adjustable closing speeds.
- Bottom hydraulic path with combined floor spring.
- Hold open at 90 degree.
- Uniquely designed adjustable base.
- No floor work or preparation necessary.
- Allows for easy installation and savings on labour.
- 5 Lac cycle tested

FLOOR HINGE ACCESSORIES



Top Pivot for Glass Door



Part No

RFS-GDP

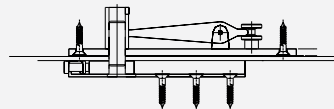
RFS-GDP-M4

Features:

- Secured to the top of glass door to accept the Pivot of NPF-102 or standard patch pivot.



Top Pivot for Wooden Door



Part No

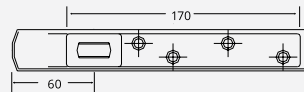
RFS-TP

Features:

- Secured to the top of a wooden door to accept the spindle of Rinox RFS TP (Top Pivot).



Bottom Pivot for Wooden Door



Part No

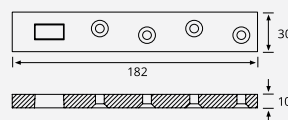
RFS-BP

Features:

- Secured to the bottom of a wooden door to accept the spindle of Rinox floor hinge or any other standard floor hinge.



Bottom Pivot for Wooden Door



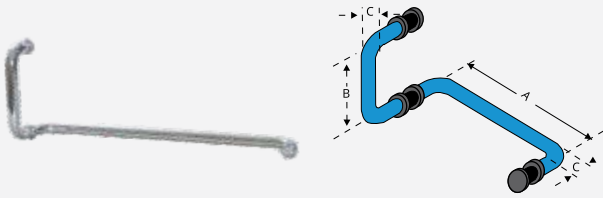
Part No

RFS-BP2

Features:

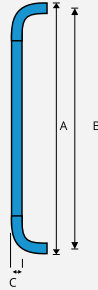
- Specially designed to suit the Aluminum Profiles for Glass Door installation
- Secure the bottom of Aluminum Profile door with standard Floor Hinge

GLASS DOOR HANDLES



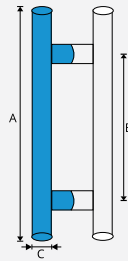
Handle cum Towel Bar for Shower Room

CODE	HOLE TO HOLE DIST. (A)	HOLE TO HOLE DIST. (B)	TUBE DIA (C)	GLASS HOLE DIA
TDH-201	460mm	150mm	Ø19mm	Ø10mm
TDH-201-S4	460mm	150mm	Ø19mm	Ø10mm



Handle D-Type for Glass Door

CODE	TOTAL LENGTH (A)	HOLE TO HOLE DIST. (B)	TUBE DIA (C)	GLASS HOLE DIA
DDH-301	325mm	300mm	Ø25mm	Ø12mm
DDH-302	450mm	425mm	Ø25mm	Ø12mm
DDH-304	600mm	568mm	Ø32mm	Ø12mm



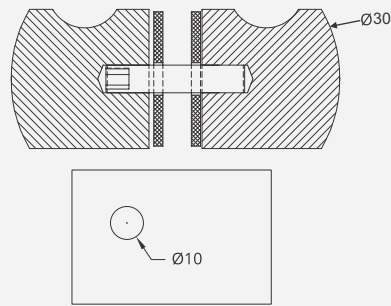
Handle H-Type for Glass Door

CODE	TOTAL LENGTH (A)	HOLE TO HOLE DIST. (B)	TUBE DIA (C)	GLASS HOLE DIA
HDH-301	300 mm	212 mm	Ø25 mm	Ø12 mm
HDH-304	600 mm	455 mm	Ø25 mm	Ø12 mm
HDH-306	450 mm	300 mm	Ø32 mm	Ø12 mm
HDH-307	457 mm	307 mm	Ø32 mm	Ø12 mm
HDH-307-m4	457 mm	307 mm	Ø32 mm	Ø12 mm
HDH-308	600 mm	480 mm	Ø32 mm	Ø12 mm
HDH-309	1300 mm	1100 mm	Ø32 mm	Ø12 mm





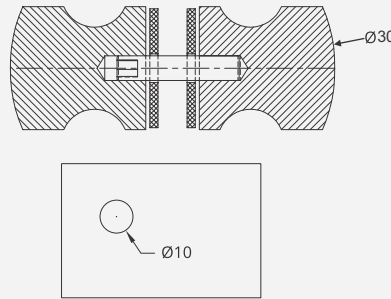
Glass Door Knob Ø 30 x 30 mm



Part No	Finish
NOB-101	Mirror



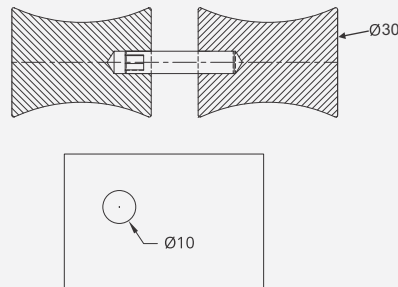
Glass Door Knob Ø 30 x 33 mm



Part No	Finish
NOB-102	Mirror

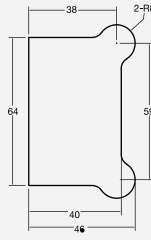
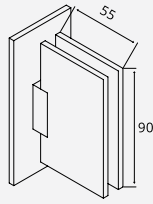


Glass Door Knob Ø 30 x 35 mm



Part No	Finish
NOB-103	Mirror

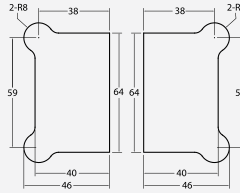
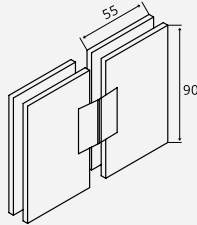




**100%
BRASS**

Part No
SSH-801

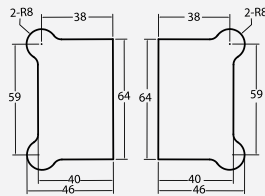
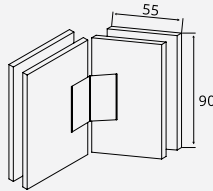
Hinge to join Glass Door with Wall



**100%
BRASS**

Part No
SSH-802

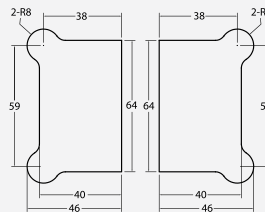
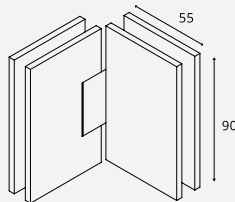
Hinge to join Glass Door with Fixed Glass at 180°



**100%
BRASS**

Part No
SSH-803

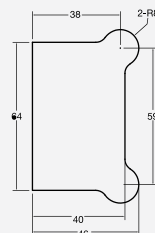
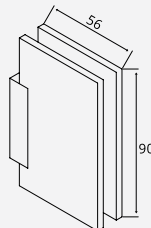
Hinge to join Glass Door with Fixed Glass at 135°



**100%
BRASS**

Part No
SSH-804

Hinge to join Glass Door with Fixed Glass at 90°



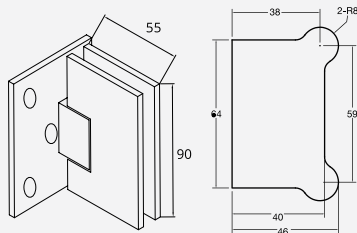
**100%
BRASS**

Part No
SSH-805

Hinge to join Fixed Glass Door with Wall at 90°



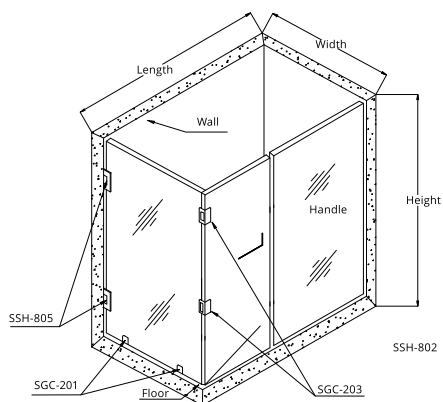
Offset Hinge to join Glass Door with Wall



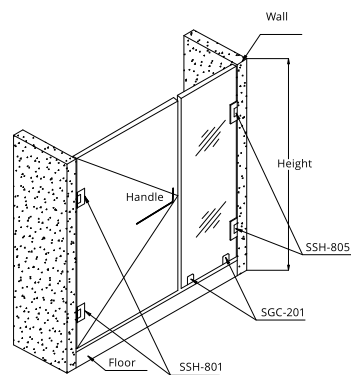
**100%
BRASS**

Part No
SSH-806

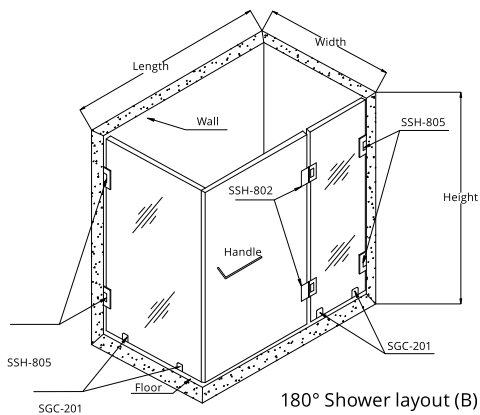
POSSIBLE USAGE



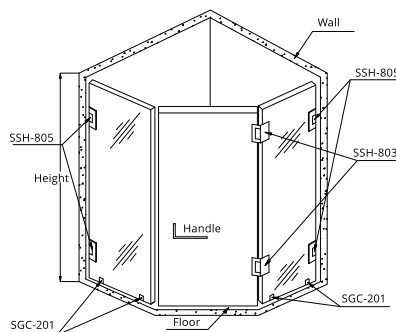
180° Shower layout (A)



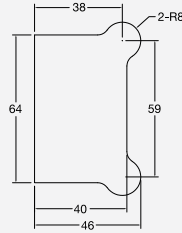
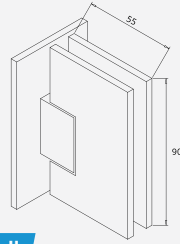
Wall to glass Shower layout



180° Shower layout (B)



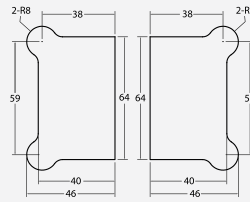
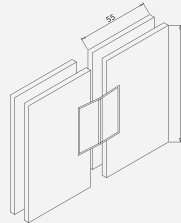
135° Shower layout



Part No

SSH-101-S4
SSH-101-M4

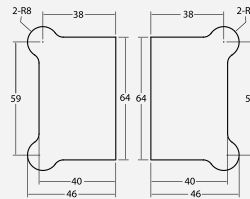
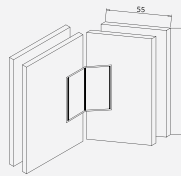
Hinge to join Glass Door with Wall



Part No

SSH-102-S4
SSH-102-M4

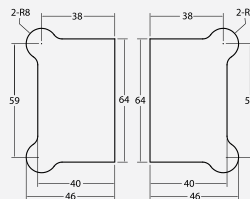
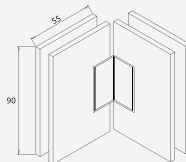
Hinge to join Glass Door with Fixed Glass at 180°



Part No

SSH-103-S4
SSH-103-M4

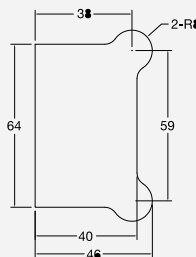
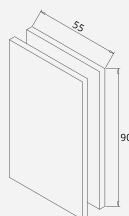
Hinge to join Glass Door with Fixed Glass at 135°



Part No

SSH-104-S4
SSH-104-M4

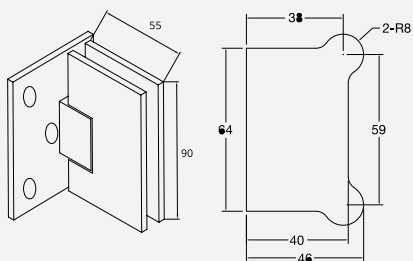
Hinge to join Glass Door with Fixed Glass at 90°



Part No

SSH-105-S4
SSH-105-M4

Hinge to join Fixed Glass with Wall at 90°



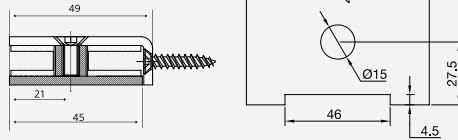
Part No

SSH-106-S4

SSH-106-M4

Offset Hinge to join Glass Door with Wall





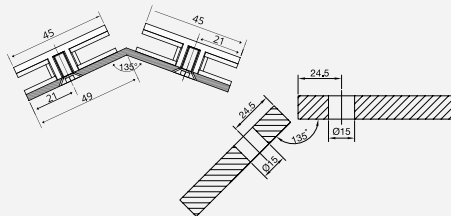
Connector to join Glass Panel to Wall or Floor

Part No	Finish
---------	--------

SGC-201	Mirror
SGC-201-S4	Satin

Features:

- To join glass panel to wall, floor or any flat surface.



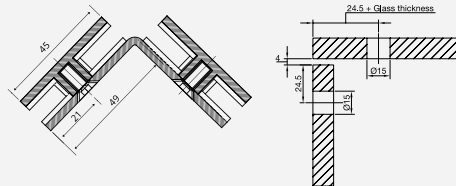
Connector to join Glass to Glass Panel at 135°

Part No	Finish
---------	--------

SGC-202	Mirror
SGC-202-S4	Satin

Features:

- To join glass to glass panels at 135° angle.



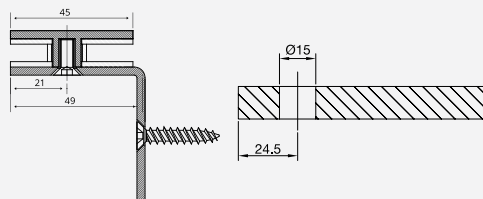
Connector to join Glass to Glass Panel at 90°

Part No	Finish
---------	--------

SGC-203	Mirror
SGC-203-S4	Satin

Features:

- To join glass to glass panels at 90° angle.



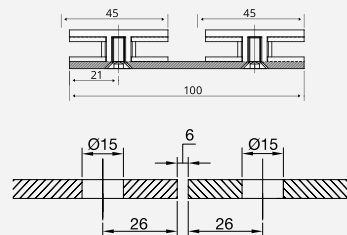
Connector to join Wall to Glass Panel at 90°

Part No	Finish
---------	--------

SGC-204	Mirror
SGC-204-S4	Satin

Features:

- To join glass to glass panels at 90° angle.



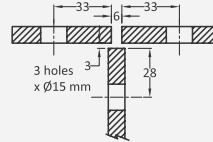
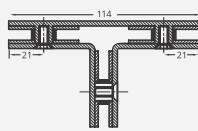
Connector to join Glass to Glass Panel at 180°

Part No	Finish
---------	--------

SGC-205	Mirror
SGC-205-S4	Satin

Features:

- To join glass to glass panels at 180° angle.

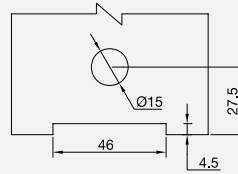
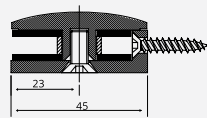


Connector to join Glass to Fin Glass Panel (T-Type)

Part No	Finish
SGC-207	Mirror

Features:

- T shape connector for holding glass panel with fix glasses
- Ideal shape to make glass partitions
- Standard hole size for easy installation



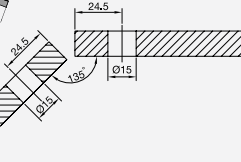
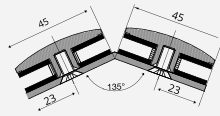
Glass Hole Detail

Connector to join Glass Panel to Wall & Floor

Part No	Finish
CGC-201	Mirror
CGC-201	Satin

Features:

- To join glass panel to wall, floor or any flat surface.

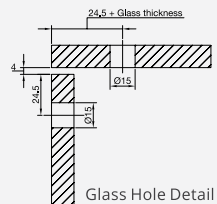
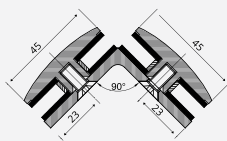


Connector to join Glass to Glass Panel at 135°

Part No	Finish
CGC-202	Mirror
CGC-202	Satin

Features:

- To join glass to glass panels at 135° angle.



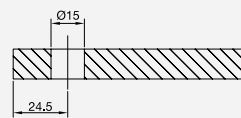
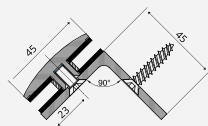
Glass Hole Detail

Connector to join Glass to Glass Panel at 90°

Part No	Finish
CGC-203	Mirror
CGC-203	Satin

Features:

- To join glass to glass panels at 90° angle.



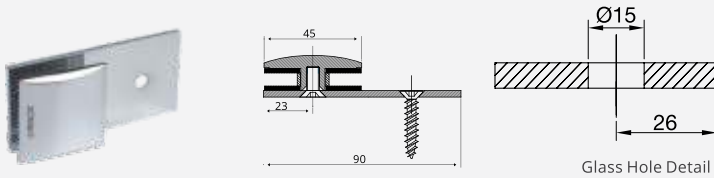
Glass Hole Detail

Connector to join Wall to Glass Panel at 90°

Part No	Finish
CGC-204	Mirror
CGC-204	Satin

Features:

- To join wall to glass panels at 90° angle.

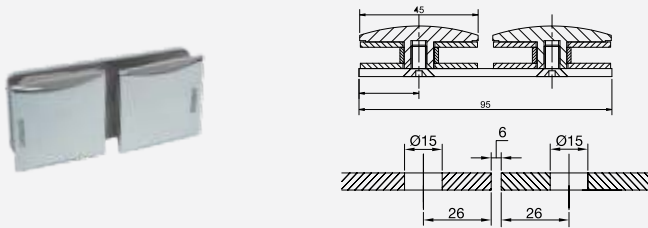


Connector to join Wall to Glass Panel at 180°

Part No	Finish
CGC-205	Mirror
CGC-205	Satin

Features:

- To join wall to glass panels at 180° angle.



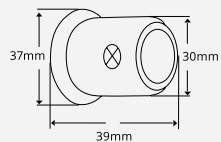
Connector to join Glass to Glass Panel at 180°

Part No	Finish
CGC-206	Mirror
CGC-206	Satin

Features:

- To join glass to glass panels at 180° angle.



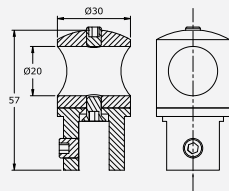


End Sleeve to join Wall to Pipe

Part No	Finish
KHA-101	Mirror
KHA-101	Satin

Features:

- End sleeve to join wall to pipe.
- Fixed to wall with steel screw.
- Suitable for supporting pipe diameter 19mm.

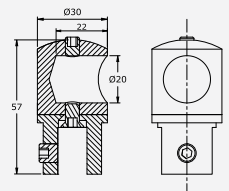


Connector to join Supporting Pipe & Glass Panel

Part No	Finish
KHA-102	Mirror
KHA-102-S4	Satin

Features:

- To join supporting pipe and glass panel.
- Through hole allows flexibility in installation.
- Rubber gaskets to prevent damage to glass and reduce vibration.
- Suitable for supporting pipe diameter 19mm.
- Flexible usage – can be used for glass thickness 8-10mm.



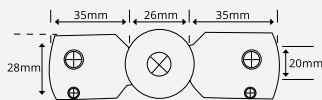
Connector to join Supporting Pipe on end & Glass Panel

Part No	Finish
KHA-103	Mirror
KHA-103-S4	Satin

Features:

- To join supporting pipe and glass panel.
- Blind hole gives an elegant ending for the pipe.
- Rubber gaskets to prevent damage to glass and reduce vibration.
- Suitable for supporting pipe diameter 19mm.
- Flexible usage – can be used for glass thickness 8-10mm.



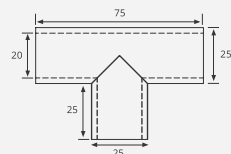

Connector to join Two Supporting Pipes

Part No	Finish
---------	--------

KHA-104	Mirror
KHA-104-S4	Satin

Features:

- Connector to join two supporting pipes with each other.
- Flexible up to 270 degrees.
- Supporting pipe diameter 19mm.

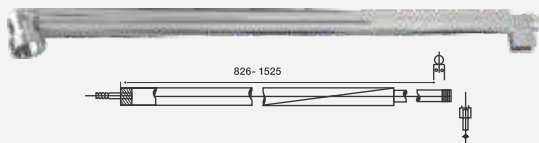

Connector to join Three Pipes (T-Type)

Part No	Finish
---------	--------

KHA-105	Mirror
---------	--------

Features:

- T shape connector to join pipes.
- Deal for making shower or bathroom partitions using Knight head accessories
- Suitable for KHA-108



826 - 1525

Reinforcing Bar to join Supporting Glass to Wall

Part No	Finish
---------	--------

KHA-106	Mirror
KHA-106-S4	Satin

Features:

- To join supporting glass to glass wall.
- Telescopic adjustment.
- Supplied with rubber gaskets to prevent glass damage.
- Length adjustable from 826 mm to 1525 mm.
- Universal joint at wall end for angle adjustment.



826 - 1525

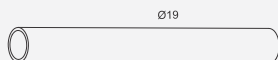
Reinforcing Bar to join Supporting Glass to Glass

Part No	Finish
---------	--------

KHA-107	Mirror
KHA-107-S4	Satin

Features:

- To join supporting glass to glass reinforcing pipe.
- Telescopic adjustment.
- Supplied with rubber gaskets to prevent glass damage.
- Length adjustable from 826 mm to 1525 mm.



Ø19

Reinforcing Bar

Part No	Finish
---------	--------

KHA-108-2M	Mirror
KHA-108-3M	Mirror

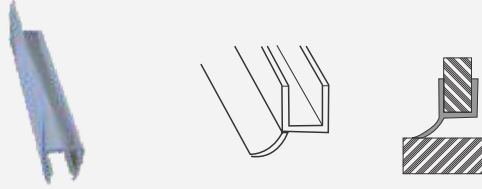
Part No	Finish
---------	--------

KHA-108-2M-S4	Satin
KHA-108-3M-S4	Satin

Features:

- To providing extra supporting to Glass panel to with the help of KHA-101, KHA-102 & KHA-104.
- Pipe Dia 19mm.
- Length available from 2 Mtr to 3 Mtr.

All plastic seal available in 2.2m length

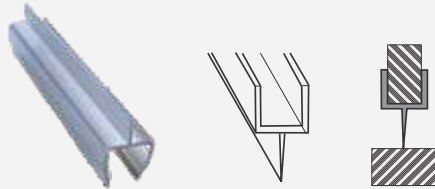


Plastic Seal for Glass (8 mm, 10 mm, 12 mm)

Part No	Glass Thickness
SPS-101-8	8mm
SPS-101-10	10mm
SPS-101-12	12mm

Features:

- Used between a glass door and a wall.
- Soft lip.
- Ideal for preventing water spillage in single action doors.

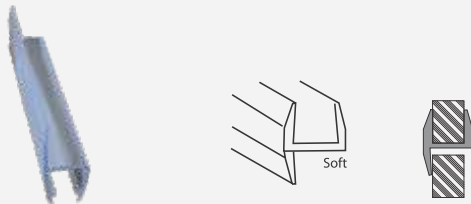


Center Seal with Wing

Part No	Glass Thickness
SPS-102-8	8mm
SPS-102-10	10mm
SPS-102-12	12mm

Features:

- Used between a glass door and a wall / glass door.
- Central 180° seal.
- Soft lip.
- Ideal for preventing water spillage in double action doors.

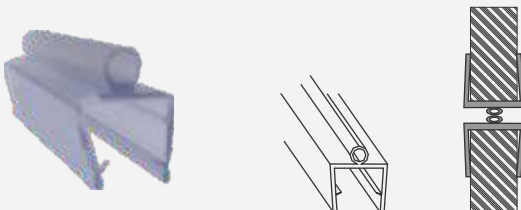


Side Seal with Small Wing

Part No	Glass Thickness
SPS-103-8	8mm
SPS-103-10	10mm
SPS-103-12	12mm

Features:

- Used between fixed panel and door panel.
- Central 180° seal.
- Ideal for preventing water spillage in single action doors.

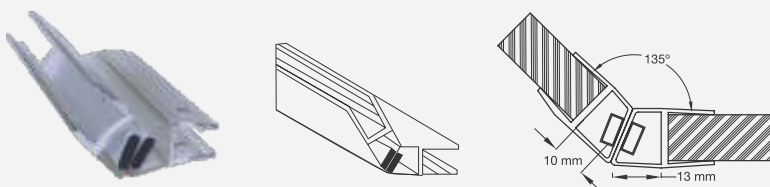


Anti-collision Ring

Part No	Glass Thickness
SPS-107-8	8mm
SPS-107-10	10mm
SPS-107-12	12mm

Features:

- Used to prevent Collision of door with fixed wall / panel
- Ideal for Sliding Doors.



Magnetic Plastic Seal for Sliding Glass Door at 135°

Part No	Glass Thickness
MPS-102-8	8mm
MPS-102-10	10mm
MPS-102-12	12mm

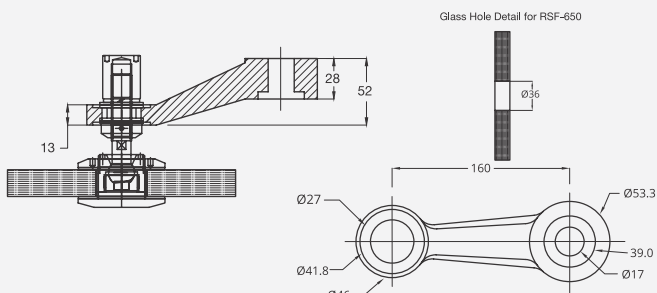
Features:

- Used to seal the joint between two sliding glass doors fitted at 135° angle.
- Magnetic seal ensures doors stay in place.
- Supplied in pairs.





One Way Spider Fitting



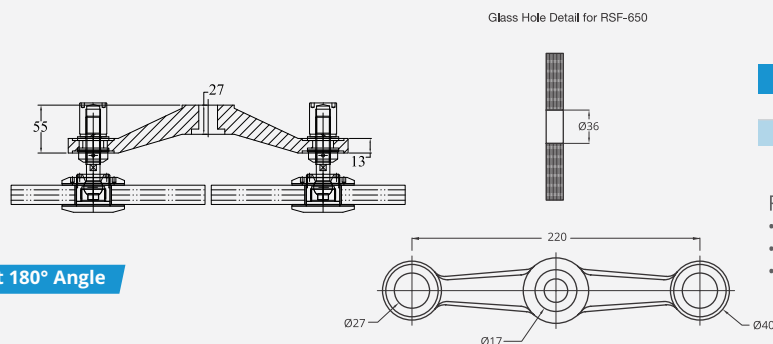
Part No	Finish
RSF-101-S6	Satin
RSF-101-M6	Mirror

Features:

- One way spider fitting.
- To join glass at one point without fin.
- Can be used with RSF-601 for joining with a fixed structure.



Two Way Spider Fitting at 180° Angle



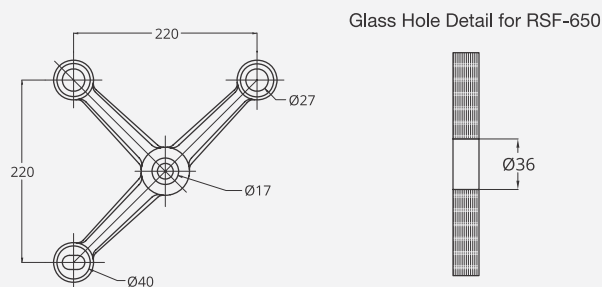
Part No	Finish
RSF-102-S6	Satin
RSF-102-M6	Mirror

Features:

- Two way spider fitting at 180° angle.
- To join two glasses without fin at 180°.
- Can be used with RSF-601 for joining with a fixed structure.



Three Way Spider Fitting



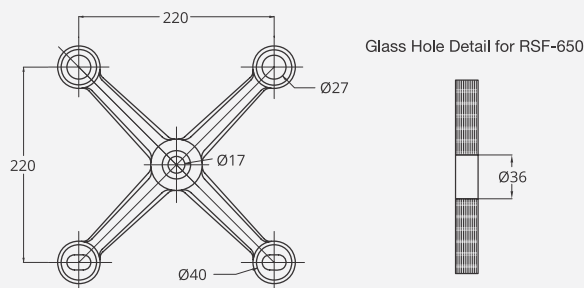
Part No	Finish
RSF-103-S6	Satin
RSF-103-M6	Mirror

Features:

- Three way spider fitting.
- To joint three glasses without fin.
- To used with RSF.601 for joining with a fixed structure.



Four Way Spider Fitting



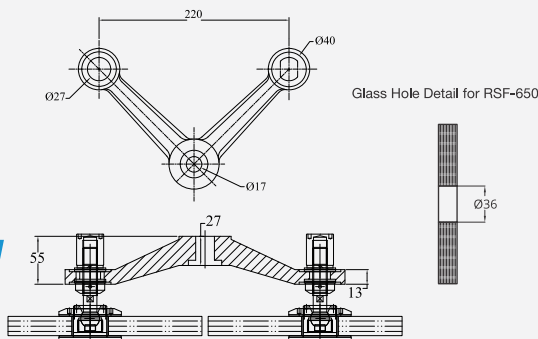
Part No	Finish
RSF-104-S6	Satin
RSF-104-M6	Mirror

Features:

- Four way spider fitting.
- To joint four glasses without fin.
- To used with RSF.601 for joining with a fixed structure.



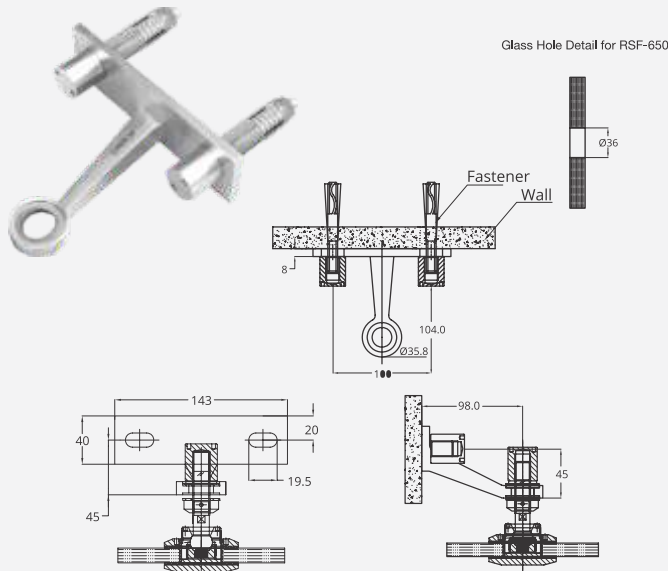
Two Way Spider Fitting at 90° Angle



Part No	Finish
RSF-112-S6	Satin
RSF-112-M6	Mirror

Features:

- Two way spider fitting at 90°.
- To join two glasses without fin at 90° angle.
- Can be used with RSF-601 for joining with a fixed structure.



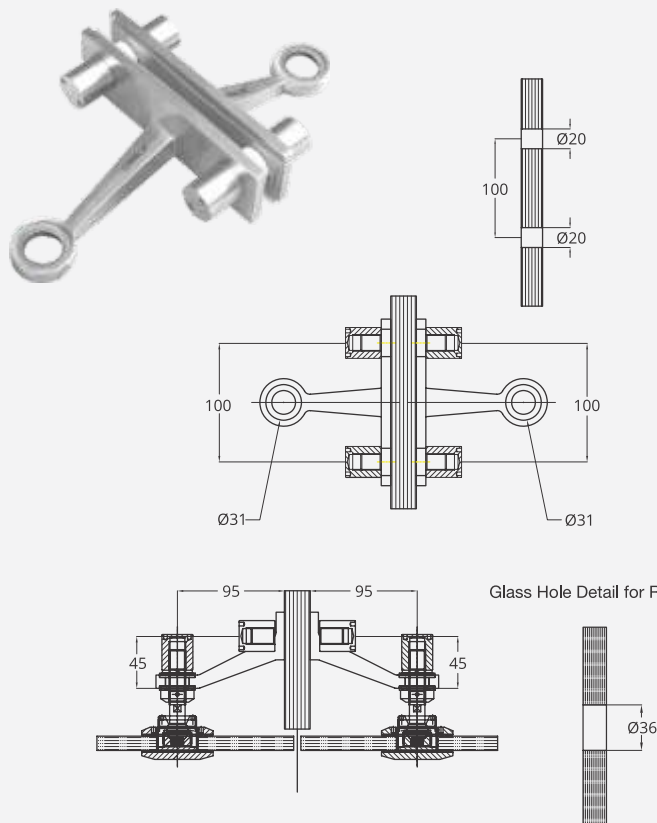
One Way Fin Spider Fixing with Ceiling / Wall



Part No	Finish
RSF-301-S6	Satin
RSF-301-M6	Mirror

Features:

- One way fin spider fixing with ceiling for vertical support.
- To join single glass panel with ceiling.
- Teflon and PVC washers/gaskets to prevent damage to glass.



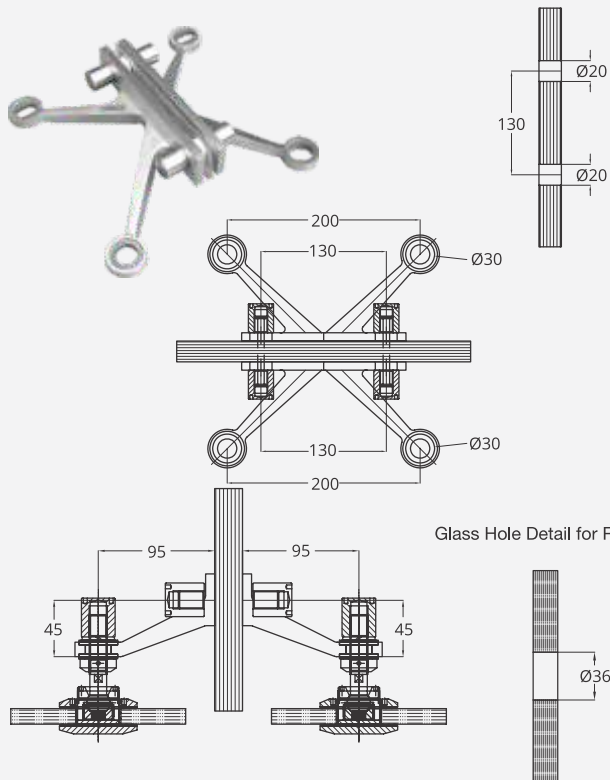
Two Way Fin Spider



Part No	Finish
RSF-302-S6	Satin
RSF-302-M6	Mirror

Features:

- Two way fin spider.
- To join 2 glass panels assembly with glass fin.
- Teflon and PVC washers/gaskets to prevent damage to glass.



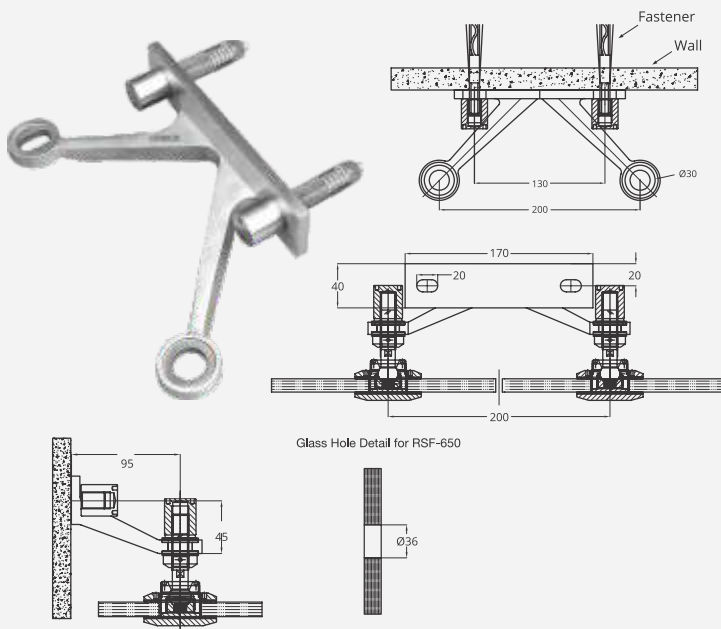
Four Way Fin Spider



Part No	Finish
RSF-304-S6	Satin
RSF-304-M6	Mirror

Features:

- Four way fin spider.
- To join 4 glass panels assembly with glass fin.
- Teflon and PVC washers/gaskets to prevent damage to glass.



Two Way Fin Spider Fixing with Ceiling / Wall



Part No	Finish
RSF-312-S6	Satin
RSF-312-M6	Mirror

Features:

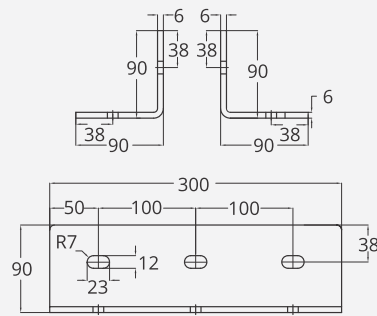
- Two way fin spider fixing with ceiling/wall for vertical support.
- To join 2 glass panels assembly with Ceiling.
- Teflon and PVC washers/gaskets to prevent damage to glass.

Features:

- Two way fin spider fixing with ceiling/wall for vertical support.
- To join 2 glass panels assembly with Ceiling.
- Teflon and PVC washers/gaskets to prevent damage to glass.



Fin Plate 300 mm



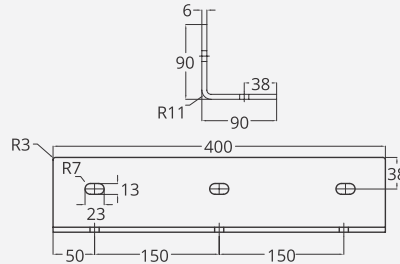
Part No	Finish
RSF-401-S6	Satin
RSF-401-M6	Mirror

Features:

- Fin plate 300 mm.
- To join glass fin with ceiling or floor.
- Three point joining of fin.
- Teflon and PVC washers/gaskets to prevent damage to glass.
- Flat base to join strongly with floor or ceiling.
- Made from Certified Stainless steel grade 304 for superior rust prevention.



Fin Plate 400 mm



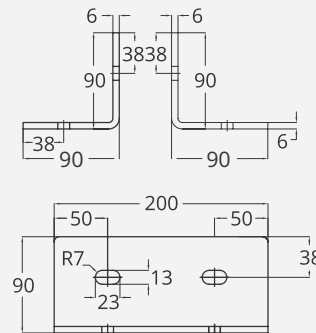
Part No	Finish
RSF-402-S6	Satin
RSF-402-M6	Mirror

Features:

- Fin plate 400 mm.
- To join glass fin with ceiling or floor.
- Three point joining of fin.
- Teflon and PVC washers/gaskets to prevent damage to glass.
- Flat base to join strongly with floor or ceiling.
- Made from Certified Stainless steel grade 304 for superior rust prevention.



Fin Plate 200 mm



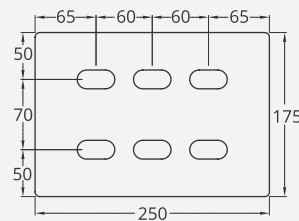
Part No	Finish
RSF-403-S6	Satin
RSF-403-M6	Mirror

Features:

- Fin plate 200 mm.
- To join glass fin with ceiling or floor.
- Specially designed with Two point joining for fin.
- Teflon and PVC washers/gaskets to prevent damage to glass.
- Flat base to join strongly with floor or ceiling.
- Made from Certified Stainless steel grade 304 for superior rust prevention.



Splice Plate 250 mm



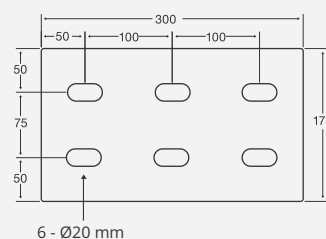
Part No	Finish
RSF-430-S4	Satin

Features:

- Splice Plate 250mm
- To join two pieces of glass fin together.
- Three point joining of fin.
- Teflon and PVC washers/gaskets to prevent damage to glass.
- Made from Certified Stainless steel grade 304 for superior rust prevention.



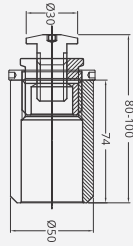
Splice Plate 300 mm



Part No	Finish
RSF-431-S4	Satin
RSF-431-M4	Mirror

Features:

- Splice plate 300 mm.
- To join two pieces of glass fin together.
- Three point joining of fin.
- Teflon and PVC washers/gaskets to prevent damage to glass.
- Made from Certified Stainless steel grade 304 for superior rust prevention.



Connector to join without Fin Spider Fitting

Part No	Finish
---------	--------

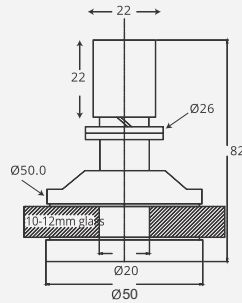
RSF-601-S4	Satin
RSF-601-M4	Mirror

Features:

- Connector to join without fin spider fittings with fixed structure.
- Made from Certified Stainless steel grade 304 for superior rust prevention.
- Outer sleeve made by Iron steel so that sleeve can be weld with structure easily.



Routel Bolt for Flat Head



Part No	Finish
---------	--------

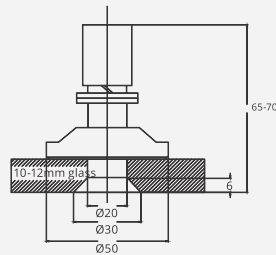
RSF-602-S4	Satin
RSF-602-M4	Mirror

Features:

- Flat head routel bolt.
- Used to attach spider fitting with glass.
- Teflon washers/gaskets to prevent damage to glass.
- Adjustable up to 12 mm thickness of glass.



Routel bolt for Countersunk Head



Part No	Finish
---------	--------

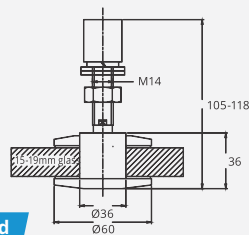
RSF-603-S4	Satin
RSF-603-M4	Mirror

Features:

- Countersunk head routel bolt.
- Used to attach spider fitting with glass.
- Teflon washers/gaskets to prevent damage to glass.
- Adjustable up to 12 mm thickness of glass.



Routel Bolt for Flat Head Articulated



Part No	Finish
---------	--------

RSF-650-S4	Satin
RSF-650-M4	Mirror

Features:

- Flat head articulated routel bolt.
- Used to attach spider fitting with glass.
- Teflon washers/gaskets to prevent damage to glass.
- Adjustable from 15mm-19mm glass thickness.



Part No. H
Indus 300 mm



Part No. H
Royale 300 mm



Part No. H
Mercury 450 mm



Part No. H
Mars 450 mm



Part No. H
Mercury 450 mm



Part No. H
Mix 450 mm



Part No.	Qty
MP001.01.00.N	50 ML

Specification

Quick drying, high temperature resistant, retainer & sealant. It is suitable for stainless steel, non removable whether exposed to a high temperature and pressure.

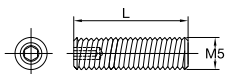
Safety Precaution

IN CASE OF EYE OR SKIN CONTACT, FLUSH WITH WARM WATER

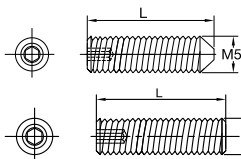
ITS AN IRRITATING PRODUCT

OBTAIN MEDICAL ATTENTION FOR ANY EYE OR INTERNAL CONTACT

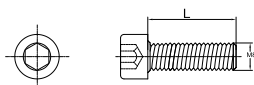
SCREWS



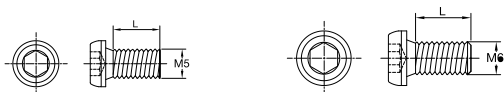
Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN913.M5.05.04	Allen Drive Grub Flat Point	M5	05 mm



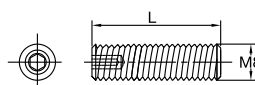
Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN914.M8.35.04	Allen Drive Grub C Point	M8	35 mm
DIN914.M5.05.04	Allen Drive Grub C Point	M5	05 mm
DIN914.M6.06.04	Allen Drive Grub C Point	M6	06 mm



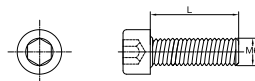
Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN912.M8.25.04	Allen Head, Allen drive	M8	25 mm
DIN912.M8.60.04	Allen Head, Allen drive	M8	60 mm
DIN912.M8.40.04	Allen Head, Allen drive	M8	40 mm



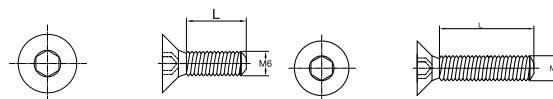
Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN7380.M6.12.04	Button Head	M6	12 mm
DIN7380.M6.50.04	Button Head	M6	50 mm
DIN7380.M5.12.04	Button Head	M5	12 mm
DIN7380.M5.10.04	Button Head	M5	10 mm
DIN7380.M6.18.04	Button Head	M6	18 mm



Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN913.M8.22.04	Allen Drive Grub Flat Point	M8	22 mm
DIN913.M8.31.04	Allen Drive Grub Flat Point	M8	31 mm
DIN913.M8.42.04	Allen Drive Grub Flat Point	M8	42 mm
DIN913.M8.50.04	Allen Drive Grub Flat Point	M8	50 mm



Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN912.M6.20.04	Allen Head, Allen drive	M6	20 mm



Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN7991.M8.16.04	CSK Allen Head	M8	16 mm
DIN7991.M6.12.04	CSK Allen Head	M6	12 mm
DIN7991.M8.60.04	CSK Allen Head	M8	60 mm
DIN7991.M8.20.04	CSK Allen Head	M8	20 mm





RINOX GIVING BACK TO SOCIETY THROUGH COMMUNITY SERVICE PROJECTS

RINOX is committed to support the economic eco-system it exists in by giving back to the society in various ways. RINOX firmly believes that instead of checkbook philanthropy, we should be committed to actually empower an individual to earn his own livelihood.

In this direction, RINOX has collaborated with ETASHA - A Society for Enabling and Training Adolescents for Successful & Healthy Adulthood.

ETAS HA Society (Enabling and Training Adolescents for Successful and Healthy Adulthood) is an Indian nonprofit organization formed in 2006 to provide contemporary career guidance, employability skills and vocational training to young people from weak socio economic communities.

Operating from 2 training centres in Delhi slum colonies and also with NGO and vocational training partners, ETAS HA arranges placement into formal sector companies, working with partners including Maruti Suzuki, Barclays, Nippon Paint, Sheela Foam, UNODC and Aga Khan Development Network; 80% of trainees in vocational programs are placed in companies often at higher starting salaries than their combined family income.

RINOX believes that by giving appropriate training and skills, these individuals can support their families in a sustainable manner.

For more information please visit

ETASHA's website at www.etashasociety.org

RINOX ist verpflichtet und unterstützt die wirtschaftliche ökosystem die existiert durch die zurück gabe an der gesellschaft in verschiedener weise. RINOX glaubt fest daran dass anstelle des scheck philanthropie, wir sollen verpflichtet werden und tatsächlich Betätigen ein mensch seinen eignen lebensunterhalt zu verdienen

In diese richtung arbeitet RINOX zusammen mit Etasha eine Gesellschaft (Aktivierung und Ausbildung jugendliche für an erfolgreiche und gesunde erwachsenalter.

Etasha Gesellschaft (Aktivierung und Ausbildung jugendliche für eine erfolgreiche und gesunde erwachsenalter). Ist ein Indische gemeinnützige organisation gergründet im jahr 2006 und bietet zeitgenössische berufsberatung, Beschäftigungs fähigkeit und Burutsausbildung für junge menschen aus sozial schwachen wirtschafts gemeinschaften.

Betrieben von 2 ausbildungszentren im Delhi, Mit der hilfe von NGO als Berufsbildungs partner in den slum-kolonien. Etasha arrangiert Platzierung in formellen Sektor Arbeiten mit partnern unternehmen. wie z.b, Maruti suzuki, Barcalays, Nippon paint, sheela foam, unodc und Aga khan development network, 80% der Auszubildenden in der berufs programm werden in unternehmen gelegt oft mit höheren Einstiegs gehältern als ihre geminsame familieneinkommen.

RINOX glaubt dass indem er eine entsprechnende Ausbuilding und Fähigkeiten, diese personen können in einer nachhaltigen, Art und weise ihre familien unterstützen.

Für weitere information besuchen sie bitte die website unter www.etashasociety.org

Rinox is Proudly Associated with



EPCINDIA
ENGINEERING THE FUTURE



Indo-German Chamber of Commerce
Deutsch-Indische Handelskammer



FEDERATION OF INDIAN
EXPORT ORGANISATIONS

ICON NOTATION



Tested in accordance with TUV SUD



Tested in accordance with TUV NORD



Allen Head Screw used



Product to be glued



Glass in Hole required



Plastic mallet needed



C-type Clamp needed



Wrench Needed



Screwdriver Needed



New Product

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