



PRODUCT CATALOGUE



**RAILING FITTINGS
CATALOGUE**



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.



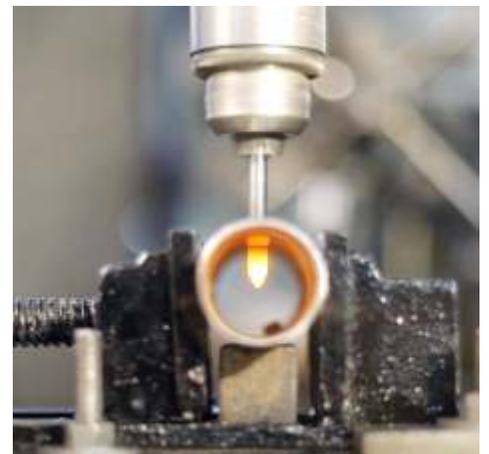
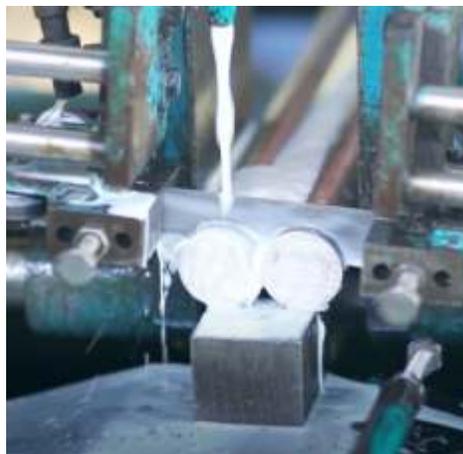
Superb Work Environment

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.



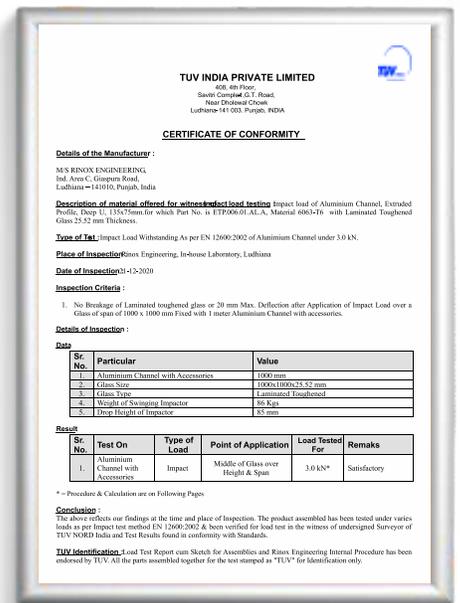
QUALITY CONTROL

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 Européene" 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

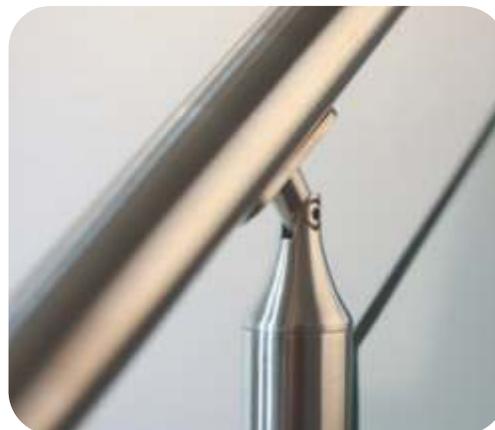
- ✗ Ugly finish with touch up marks
- ✗ Welding splatters
- ✗ Prone to rust
- ✗ Welding for joints
- ✗ Weak Joints
- ✗ Need to weld at site
- ✗ More installation Time



Welded Railing are Prone to Rust

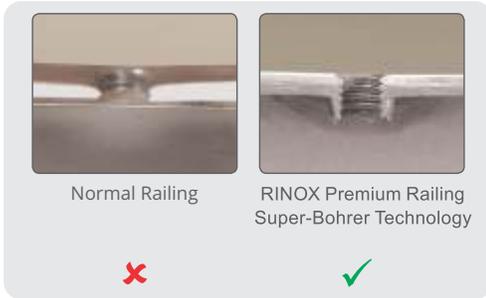
RINOX: Modular Railings

- ✓ 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



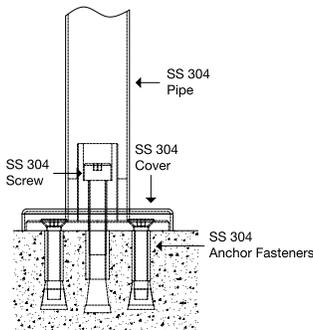
There are numerous ways, many invisible to the final consumer, which make a RINOX product better and stronger. Several RINOX innovations have been adopted world-wide and have become industry standards.

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.

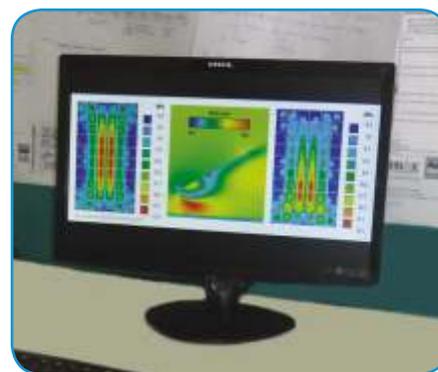
Grade required as per site :

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 building 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.

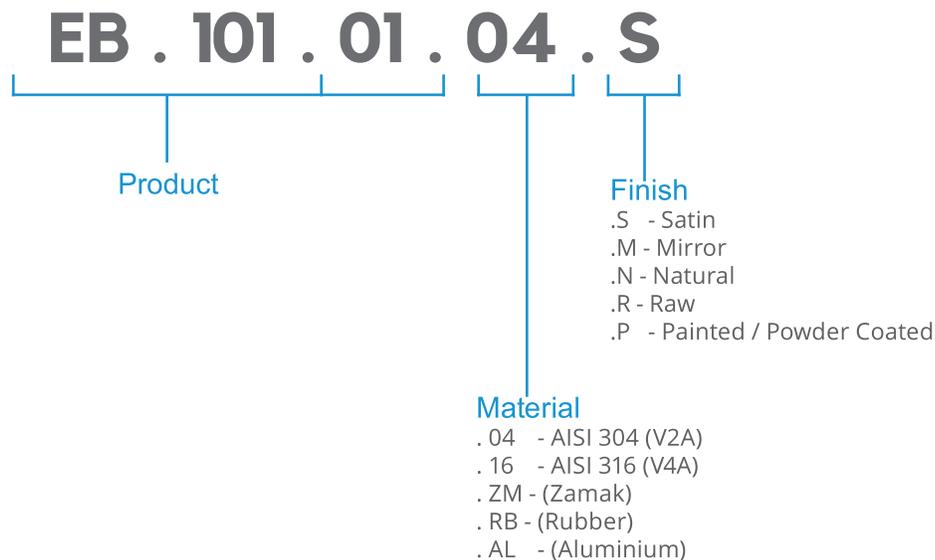
316 Stainless steel maintains its luster & will never discolor under normal environment exposure, including salt water. Our stainless steel railings are perfect for any exterior use where a low maintenance designer finish is desired.

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.

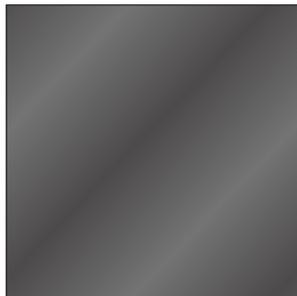
No Maintenance: Because of its durability and resistance to corrosion, powder-coated railings require little to no maintenance.

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.

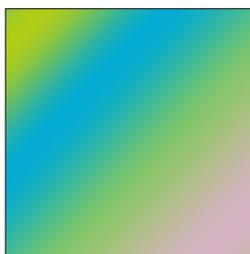
Rinox Fittings are available with PVD Technology



YELLOW



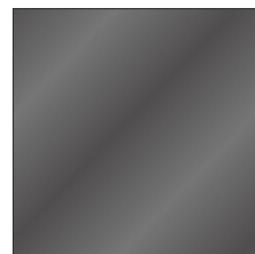
GOLDEN



RAINBOW



ROSE GOLD



BLACK

1

Complete Railings Design

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

19-48



2

Post / Baluster

Round Post, Square Post, Flat Post

49-53



3

Top Mounting

Brackets, Top Handrail Attachments, Handrail & Handrail Attachments

54-91



4

Infill

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

92-120



5

Frameless Glass Railing

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

121-138



6

Base Mounting

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

139-149



7

Decorative Pickets

Pickets, Balls

150-152



8

Stainless Steel Bar Accessories

Footrail Brackets, Footrail Tube Supports,
Shelf Supports

153-157



9

Canopy System

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

158-164



10

Glass Hardware

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

165-213

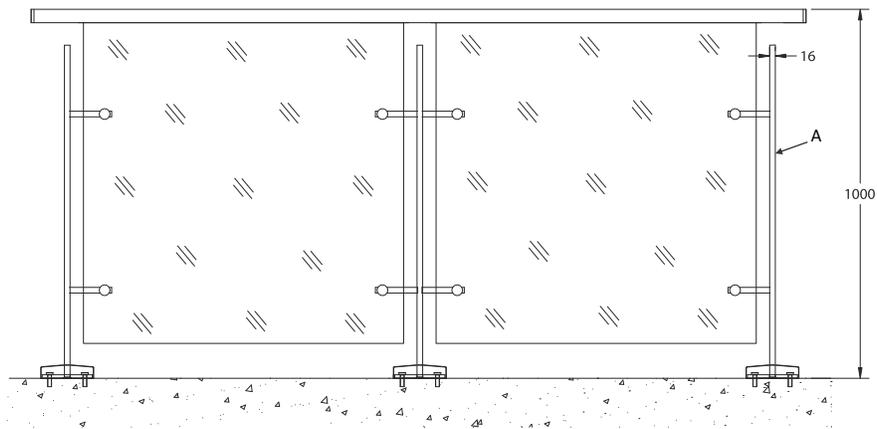




Complete Railings Design

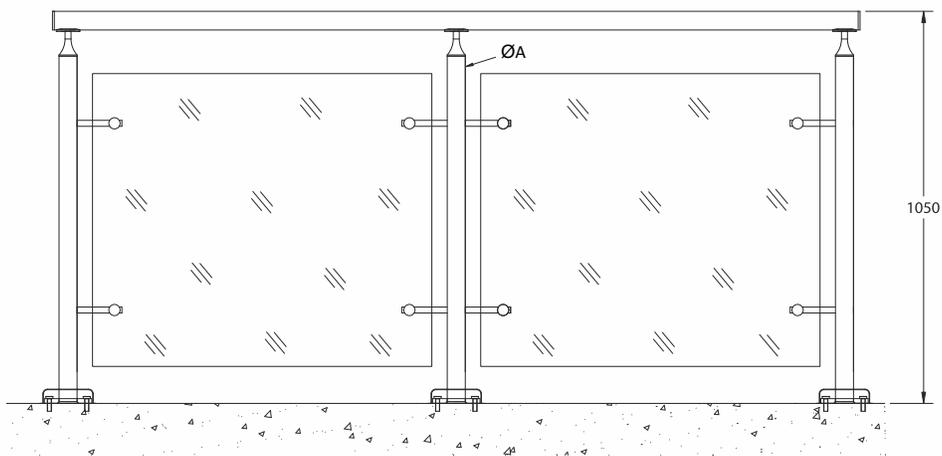
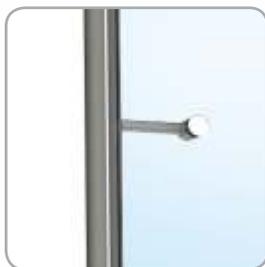
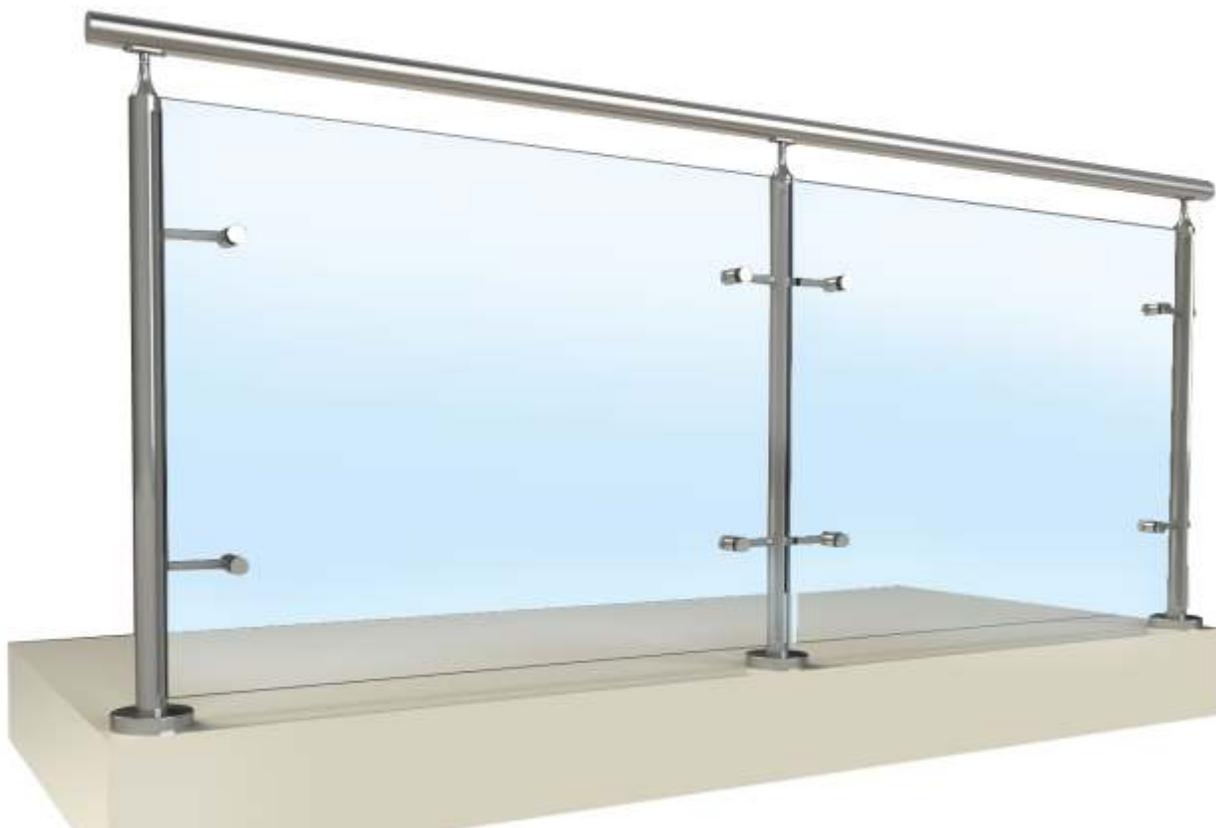
Glass Infill, Multiline Infill, Vertical Picket, Cable Infill, Wall Railing, Frameless Glass Railing, French Balcony, LED Railing

1



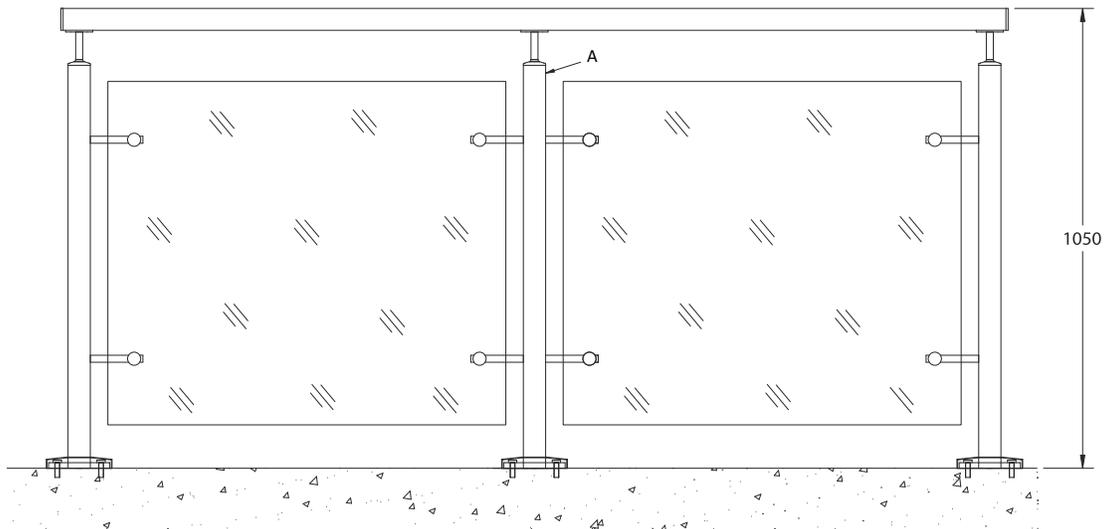
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2. Sizes given are approximate.

A:- 65 x 16



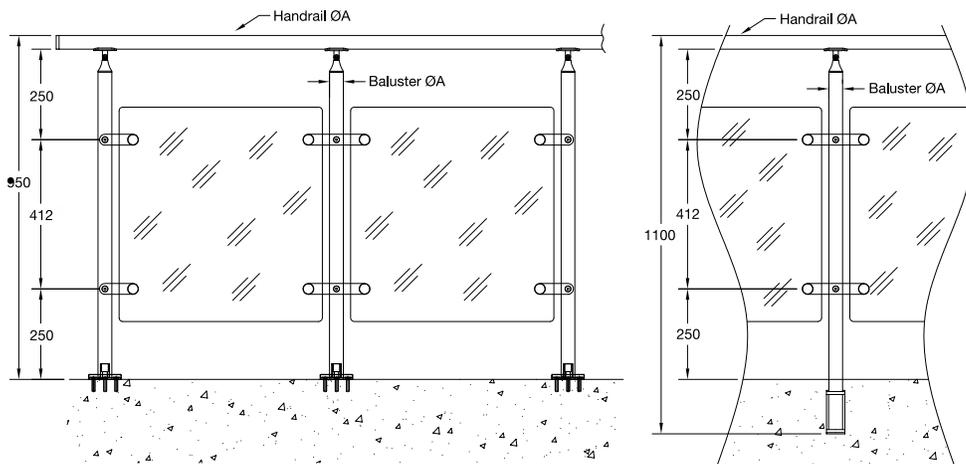
1. All dimensions in mm.
2. Sizes given are approximate.

$\varnothing A$:- 48.3 x 5.0



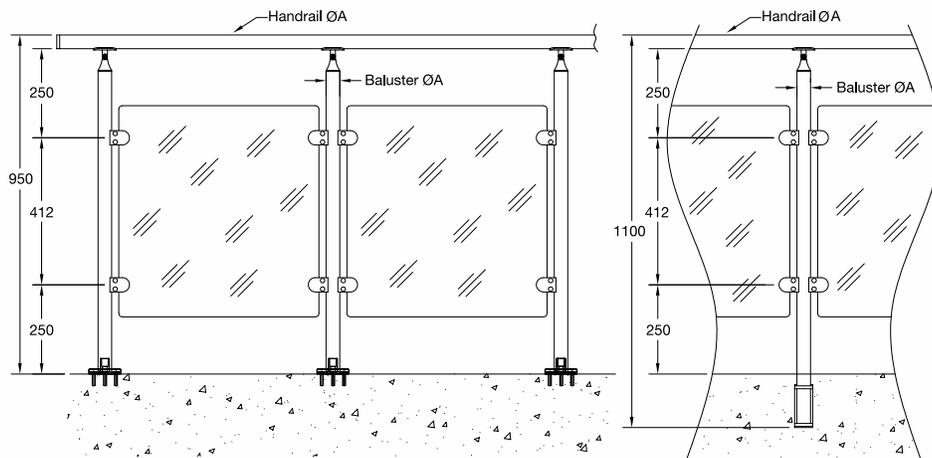
1. All dimensions in mm.
2. Sizes given are approximate.

A:- 50.8 x 50.8 x 5.0



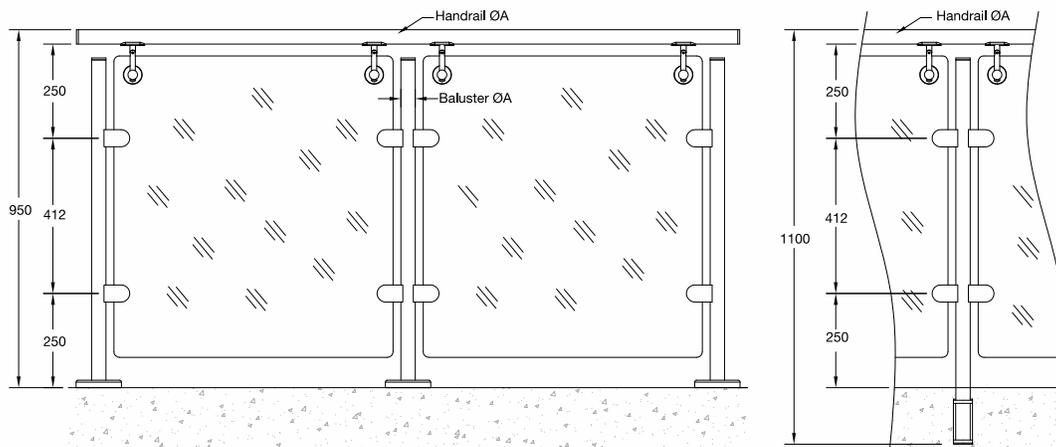
1. All dimensions in mm.
2. Sizes given are approximate.

ØA:- $\varnothing 38.1 \times 1.5$ (1.5")
 $\varnothing 50.8 \times 2.0$ (2.0")



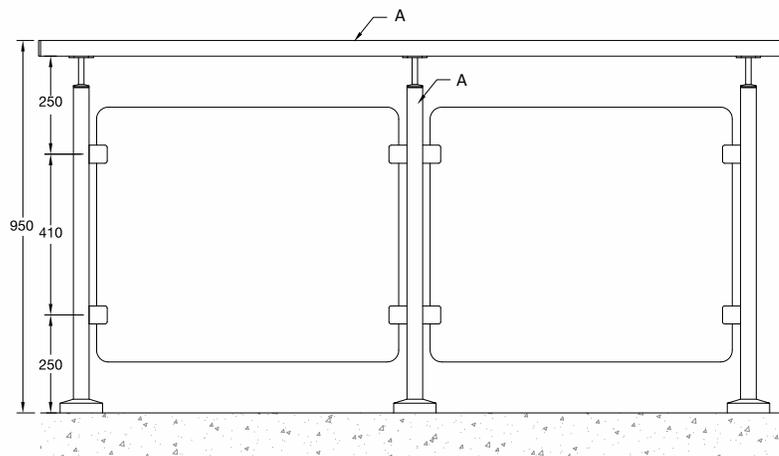
1. All dimensions in mm.
2. Sizes given are approximate.

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



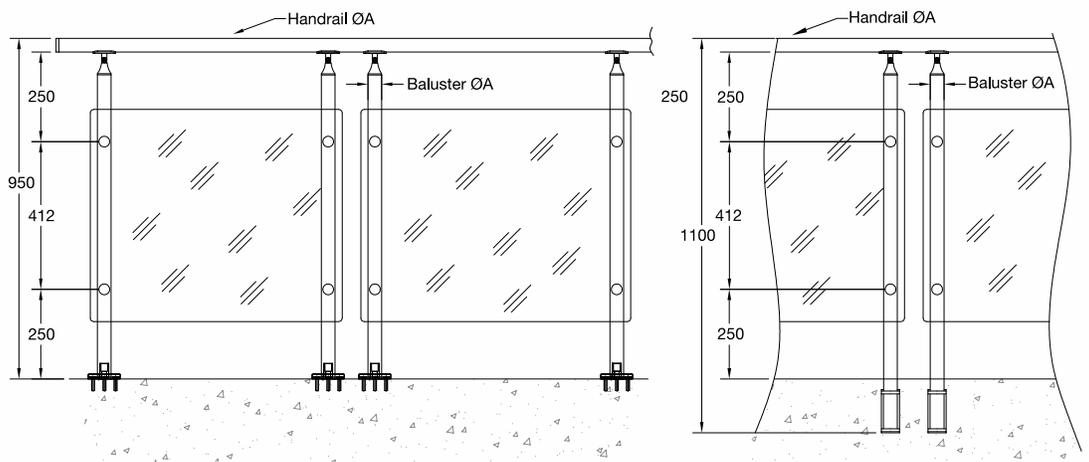
1. All dimensions in mm.
2. Sizes given are approximate.

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



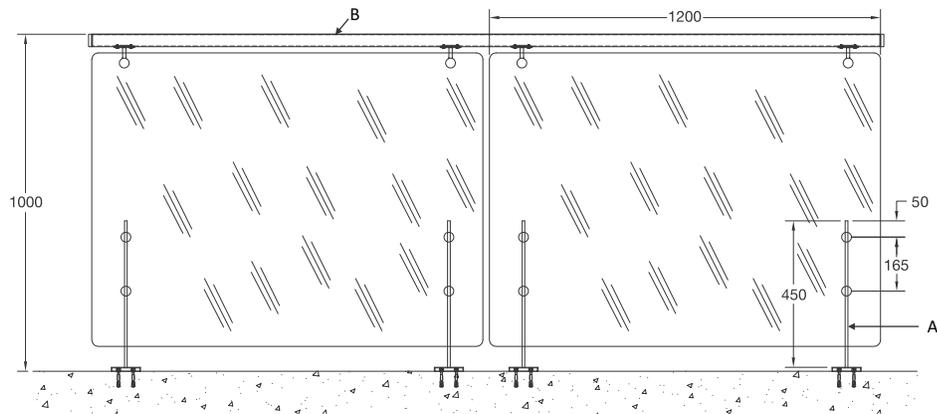
1. All dimensions in mm.
2. Sizes given are approximate.

A:- 40 x 40 x 2



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

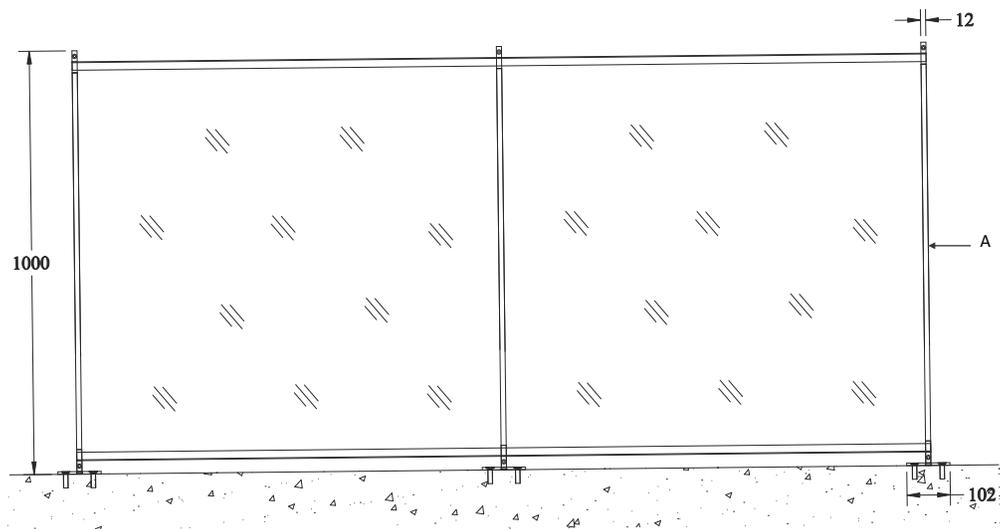
ØA:- Ø38.1 x 1.5 (1.5")
Ø50.8 x 2.0 (2.0")



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

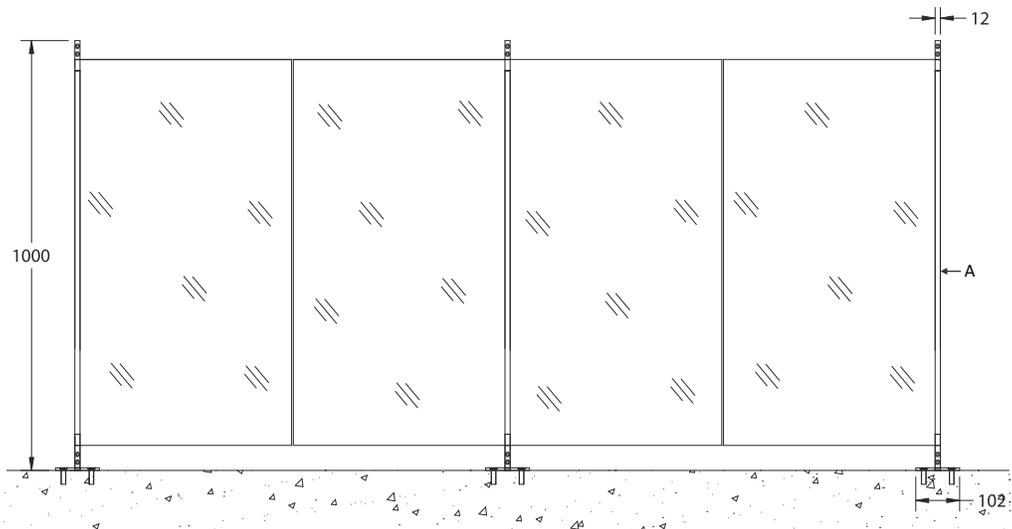
A:- 38.1 x 1.5 (1.5")
50.8 x 2.0 (2.0")

B:- 50 x 8



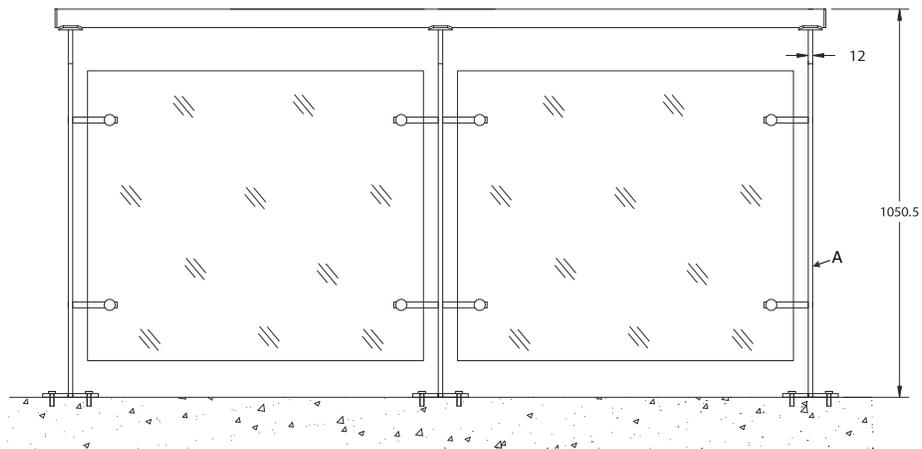
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2. Sizes given are approximate.

A:- 50 x12



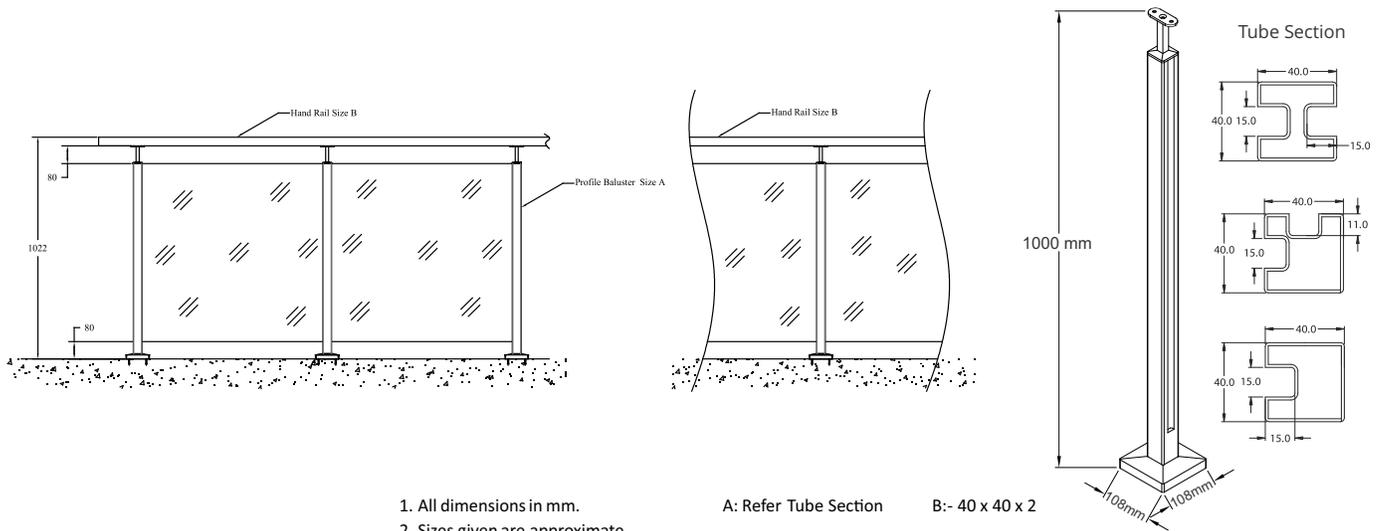
1. All dimensions in mm.
2. Sizes given are approximate.

A:- 50x12



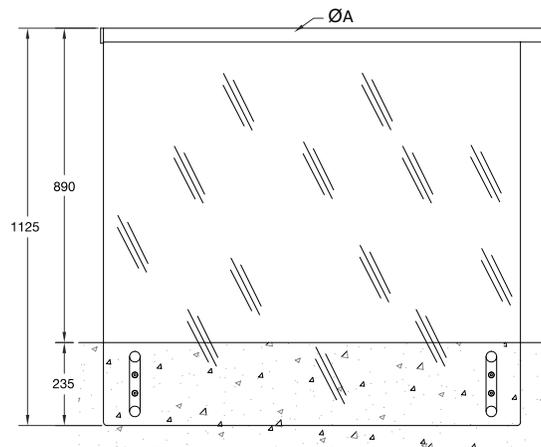
1. All dimensions in mm.
2. Sizes given are approximate.

A:- 80 x12



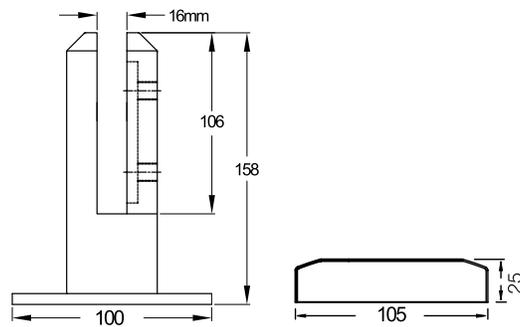
1. All dimensions in mm.
2. Sizes given are approximate.

A: Refer Tube Section B:- 40 x 40 x 2

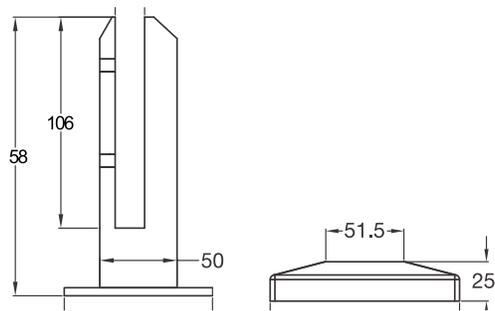


1. All dimensions in mm.
2. Sizes given are approximate.

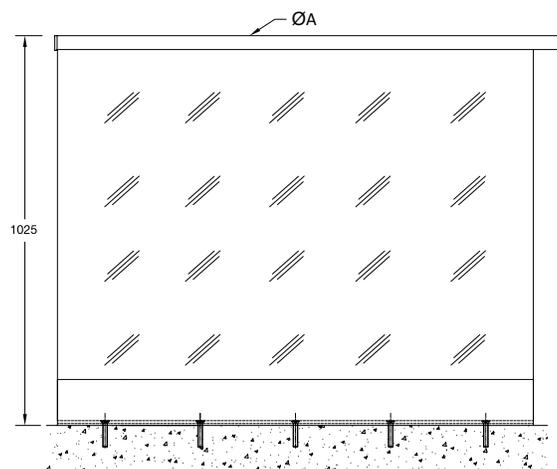
ØA:- 42.4 x 1.5



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



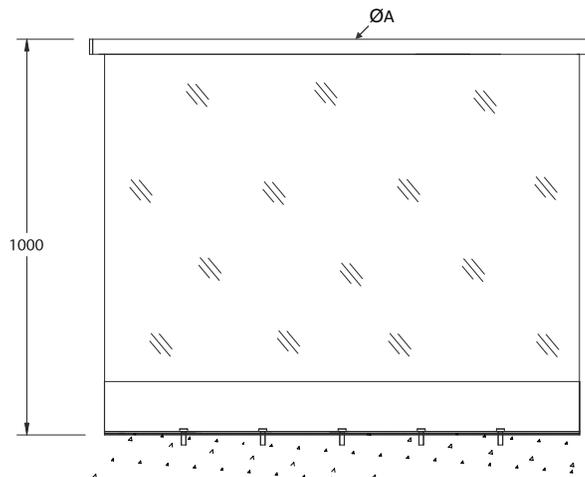
1. All dimensions in mm.
2. Sizes given are approximate.



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

ØA:- Ø42.4 x 1.5

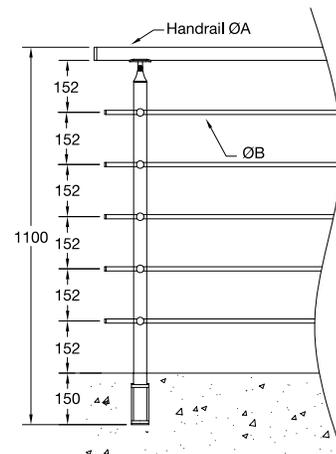
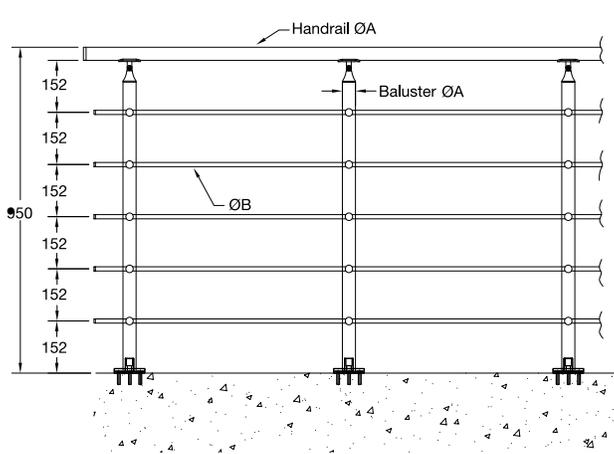
L - Light-weight channel tested for 1.5 kN Load



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

ØA:- Ø42.4 x 1.5

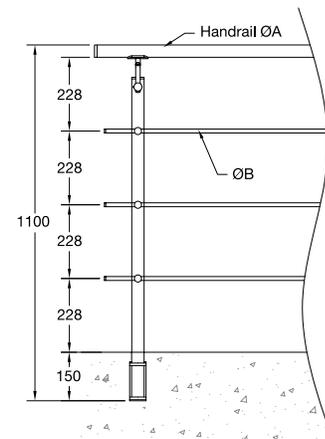
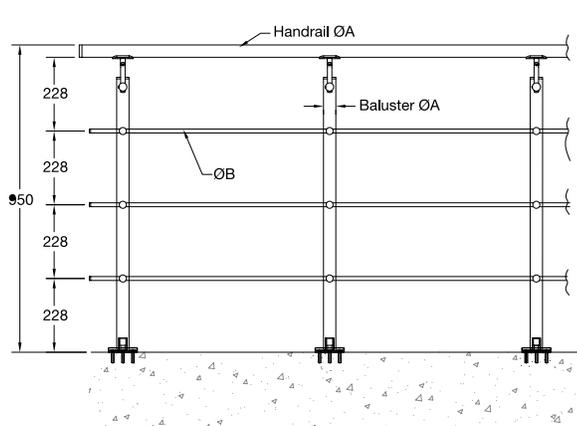
H- Heavy weight channel tested for 3 kN Load



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")

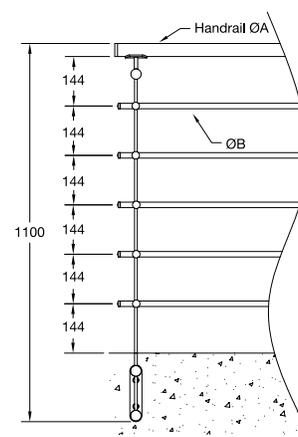
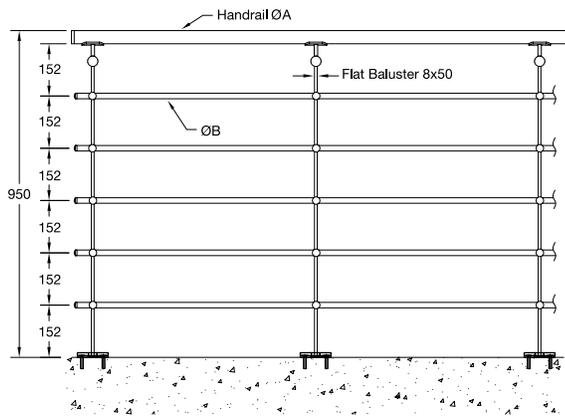
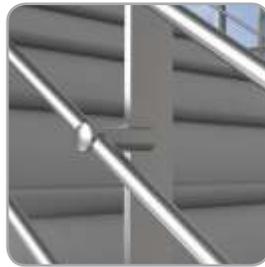
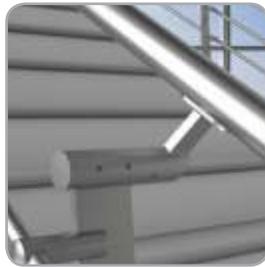
ØB:- Ø16 x 1
Ø14
Ø12



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")

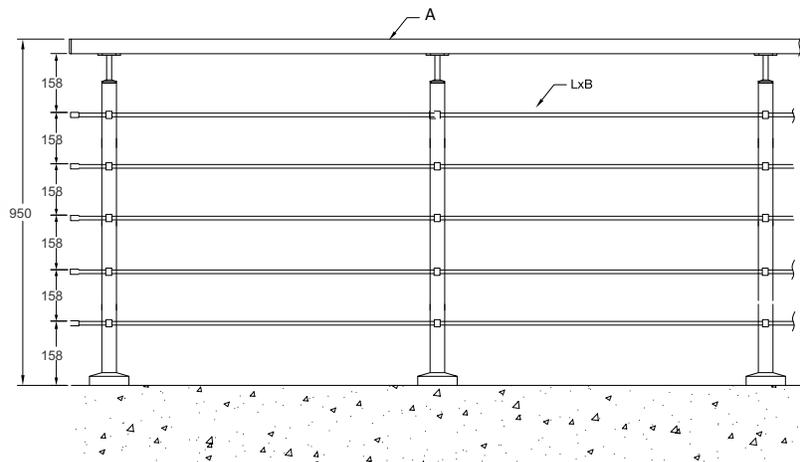
ØB:- Ø16 x 1
 Ø14
 Ø12



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")

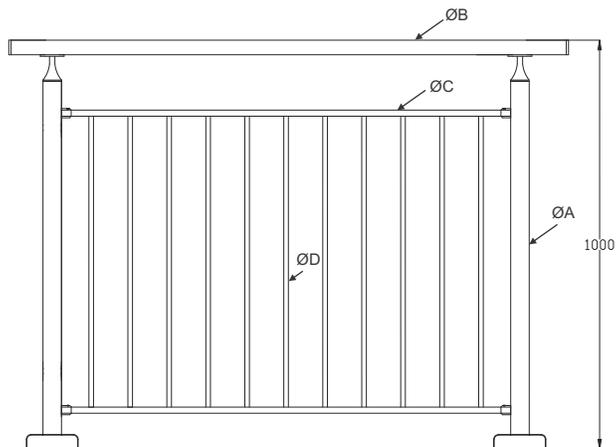
ØB:- Ø16 x 1
 Ø14
 Ø12



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

A:- 40 x 40 x 2

L x B:- 10 x10
12 x12



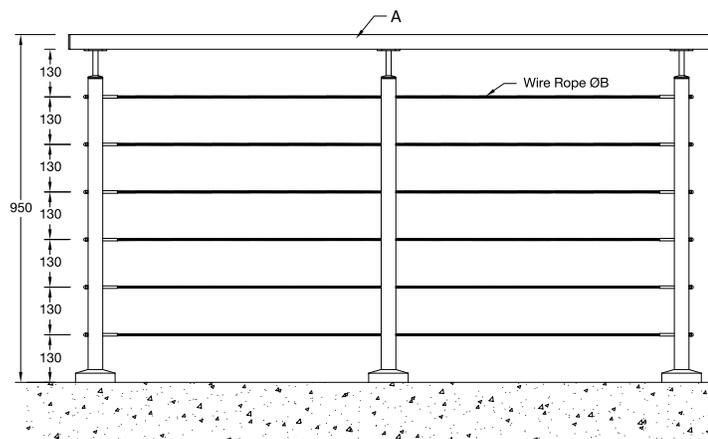
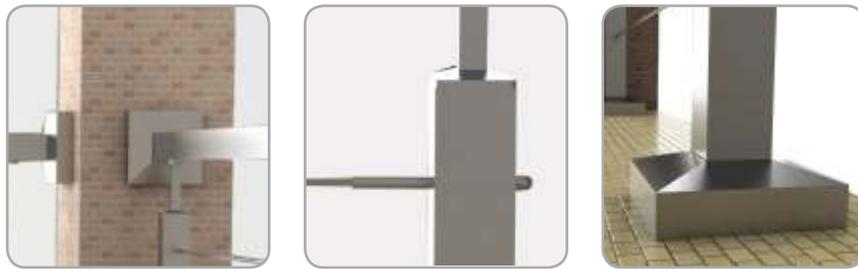
1. All dimensions in mm.
2. Sizes given are approximate.

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

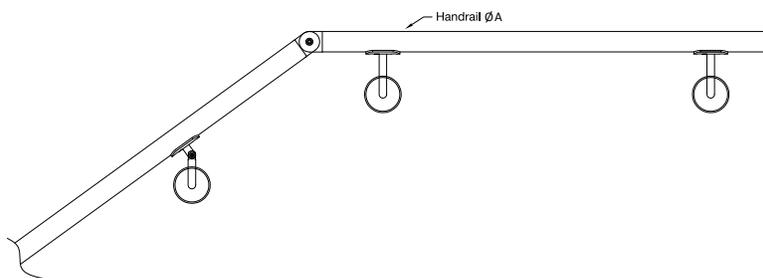
ØD:- Ø14
Ø12
Ø10



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

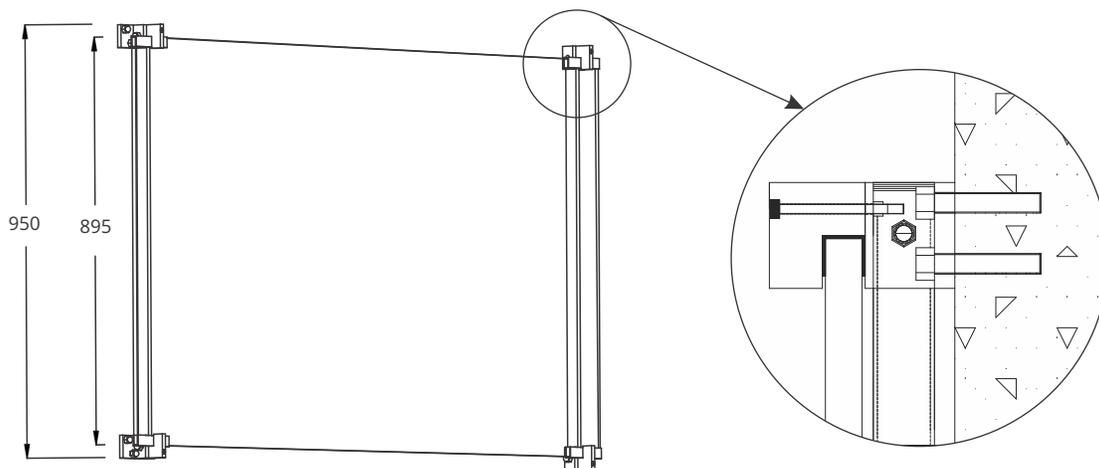
A:- 40 x 40 x 2

Wire Rope ØB:- Ø6.0
 Ø5.0
 Ø4.0



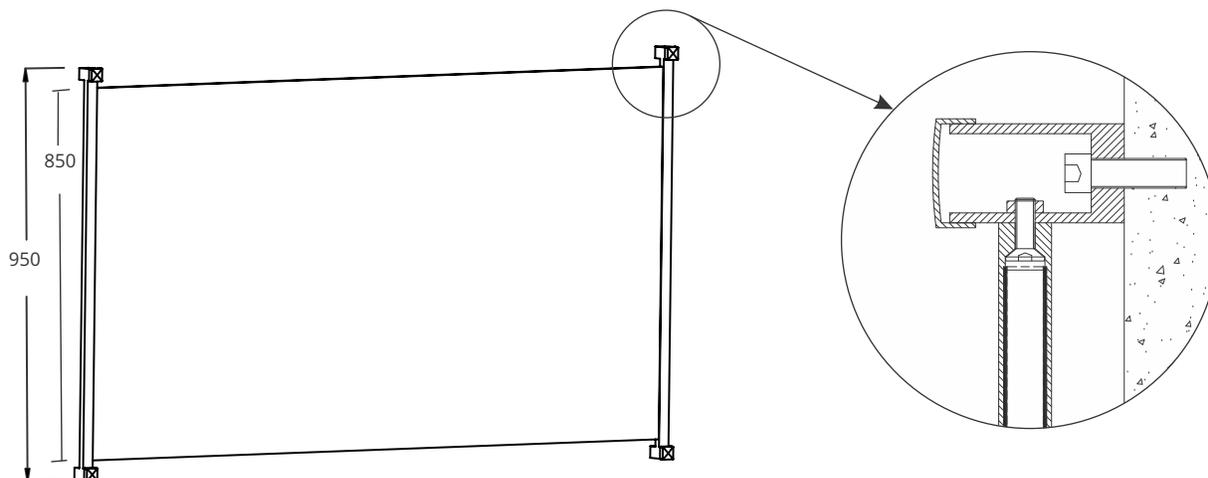
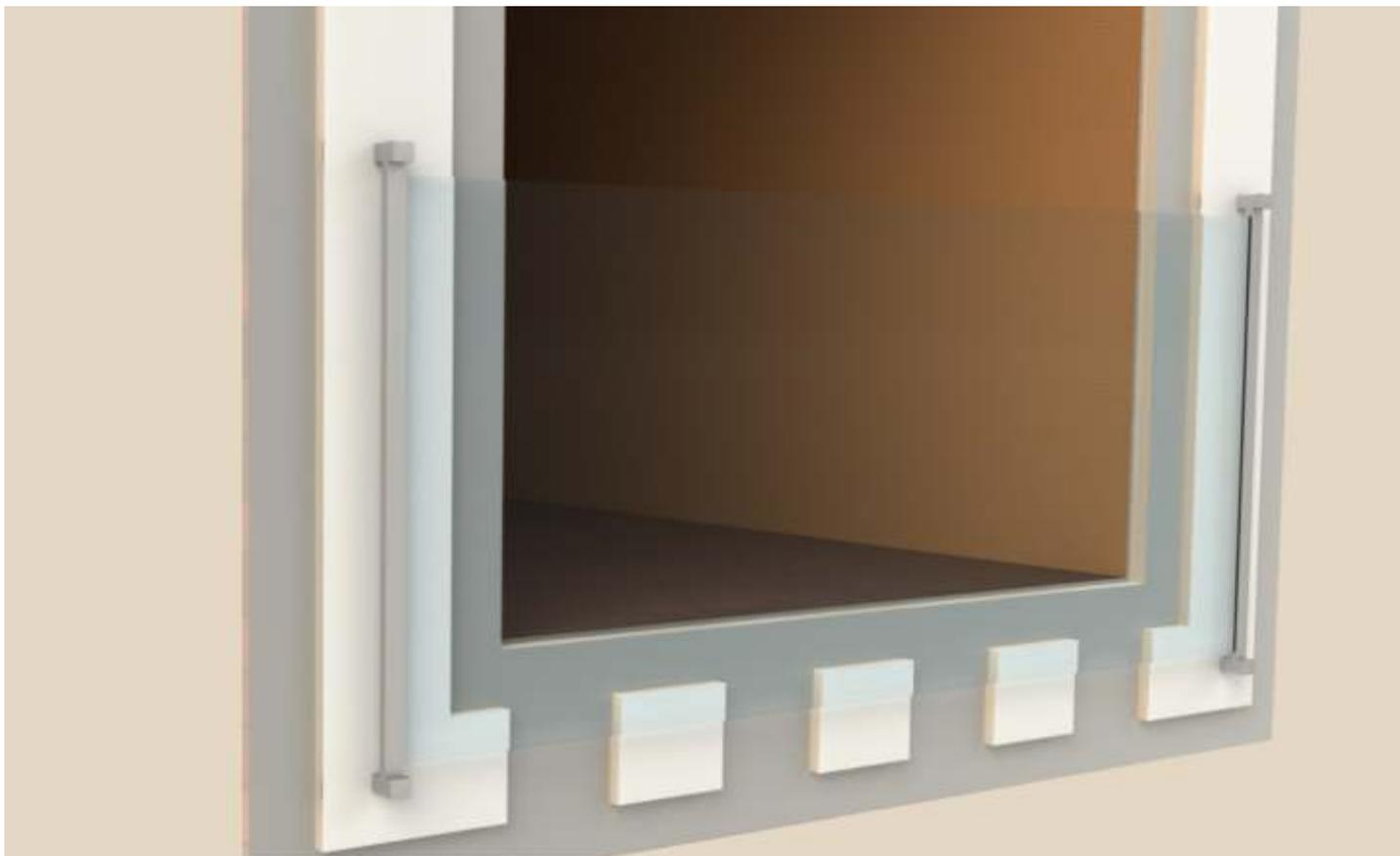
1. All dimensions in mm.
2. Sizes given are approximate.

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

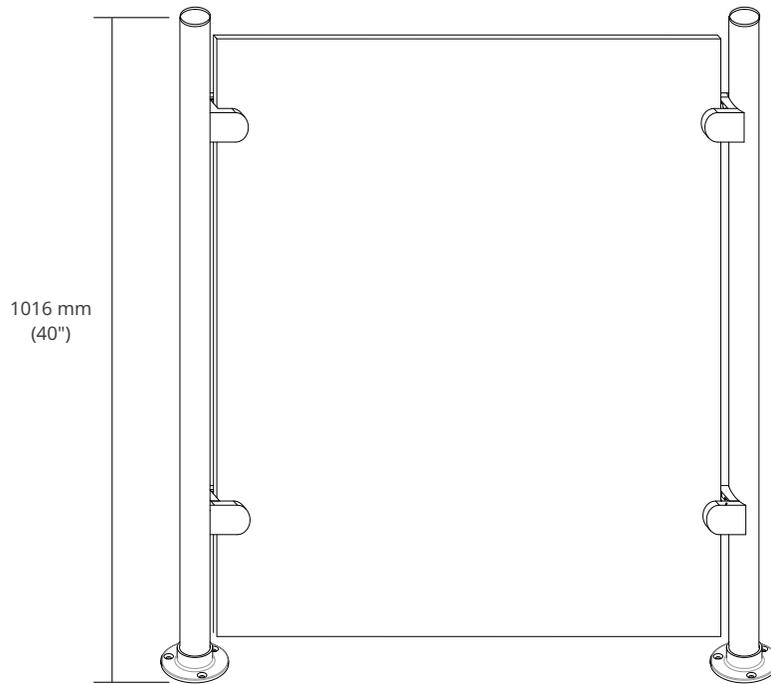


- 1. All dimensions in mm.
- 2. Sizes given are approximate.

V - Vertical Support



ALSO AVAILABLE LED RAILING



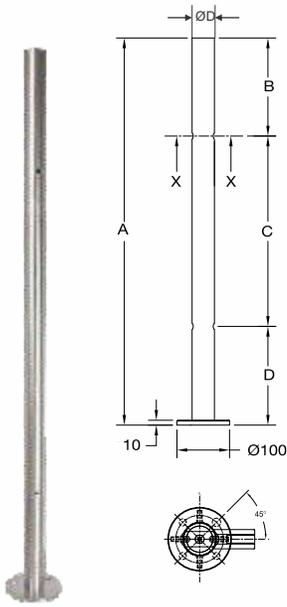
- 1. All dimensions in mm.
- 2. Sizes given are approximate.



Post / Baluster

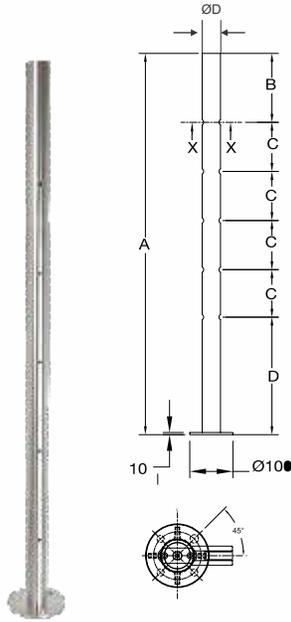
Round Post, Square Post, Flat Post

2



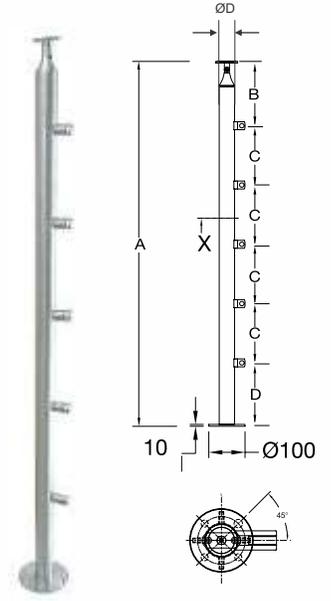
Round Post with Two Holes

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



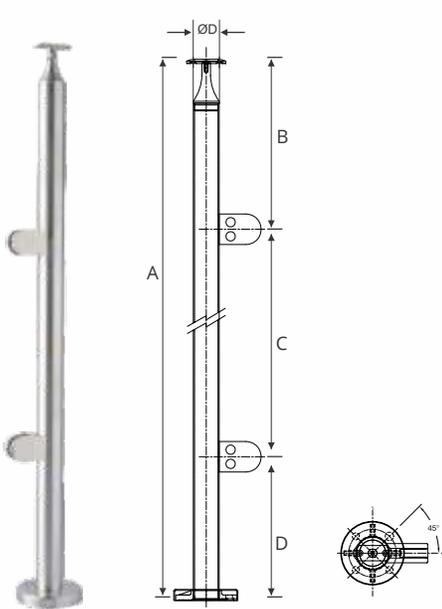
Round Post with Five Holes

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



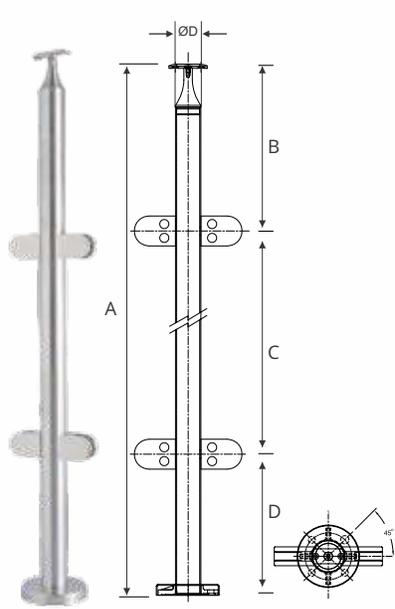
Round Post with Five Holders

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



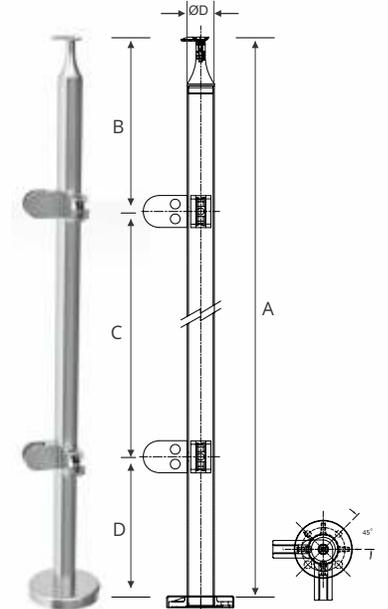
Round End Post with Two Big Glass Clip

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°

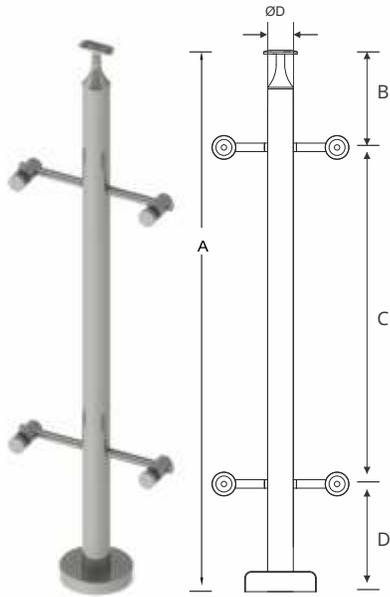
Part No.	ØD (For Tube)	Tube Thickness
RP.304.01.04.S	42.4 mm	2 mm
RP.304.02.04.S	50.8 mm/2.0 inch	2 mm



Round Corner Post with Four Big Glass Clip at 90°

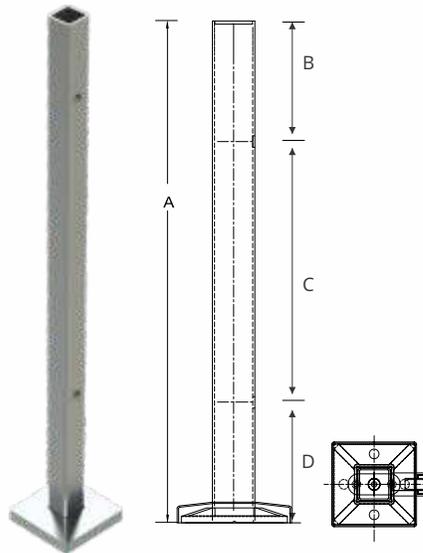
Part No.	ØD (For Tube)	Tube Thickness
RP.306.01.04.S	42.4 mm	2 mm
RP.306.02.04.S	50.8 mm/2.0 inch	2 mm

* A, B, C, D can be customized



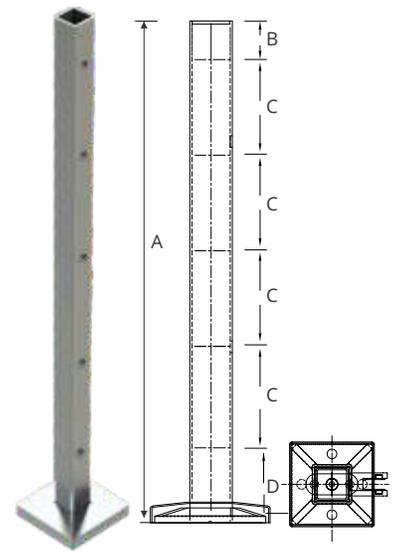
Round Post with Fixed Spider

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



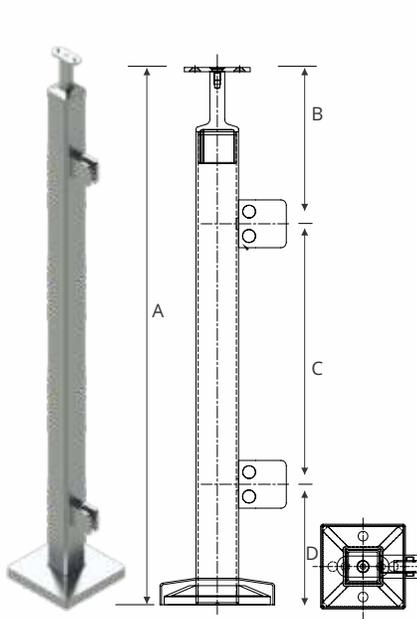
Square Post with Two Holes

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



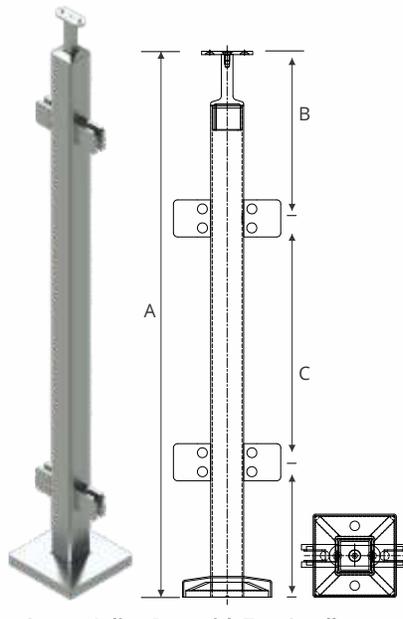
Square Post with Five Holes

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



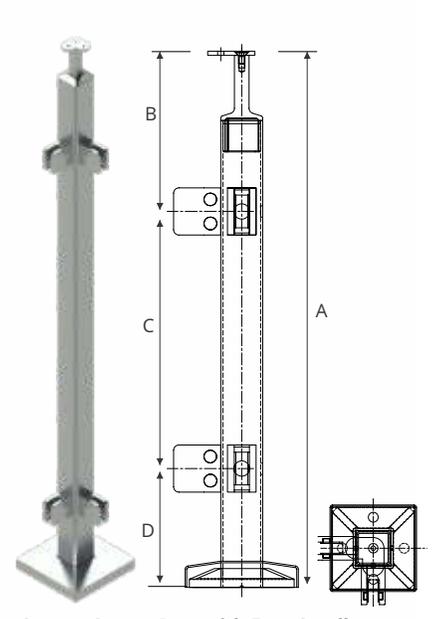
Square End Post with Two Small Glass Clip

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°

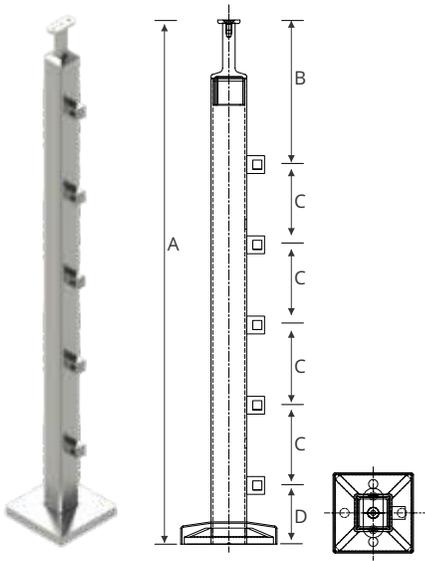
Part No.	Tube	Tube Thickness
AP.304.01.04.S	40 x 40 mm	2 mm



Square Corner Post with Four Small Glass Clip at 90°

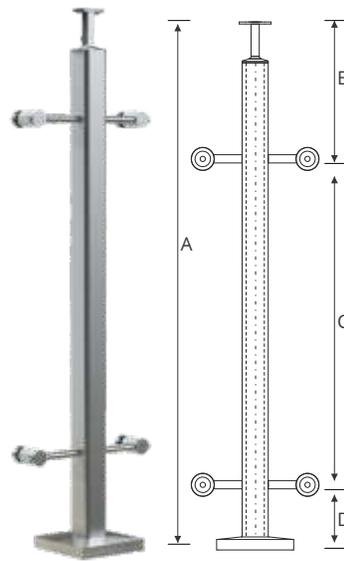
Part No.	Tube	Tube Thickness
AP.303.01.04.S	40 x 40 mm	2 mm

* A, B, C, D can be customized



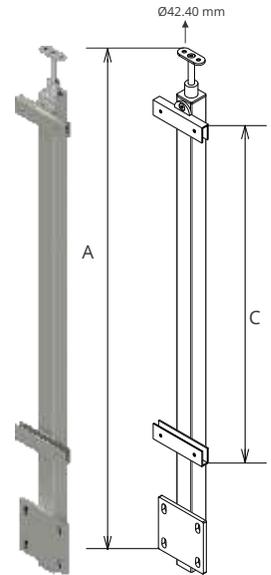
Square Post with five Square Holder

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



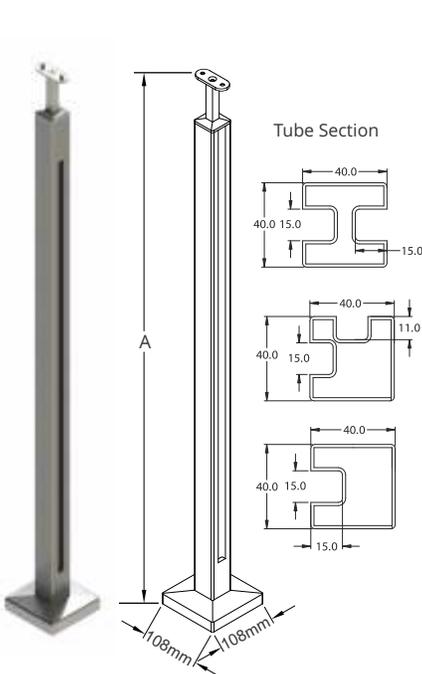
Square Post with Fixed Spider

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



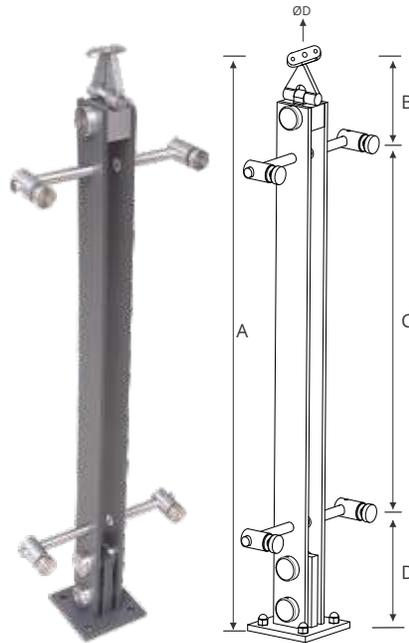
Square Post with U Clamp (Vidrio)

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



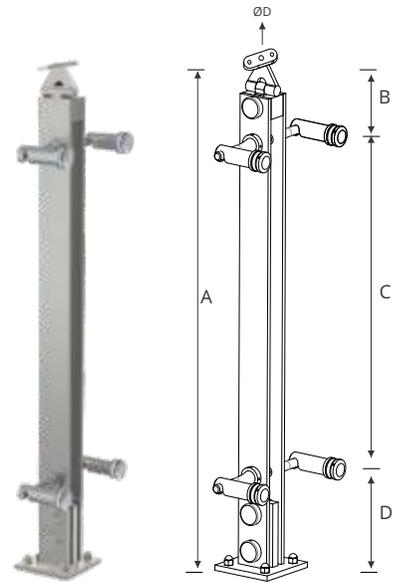
Slotted Square Post (Glänze)

Part No.	Size	Tube Thickness
HP.101.01.04.S	40 x 40 mm	1.5 mm
HP.102.01.04.S	40 x 40 mm	1.5 mm
HP.103.01.04.S	40 x 40 mm	1.5 mm
HP.101.02.04.S	50 x 50 mm	1.5 mm



Double Flat Bar with Fixed Spider

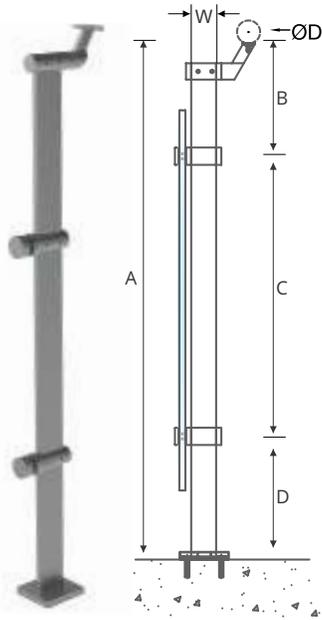
Part No.	Width	Thickness	ØD(For Tube)
BP.107.07.MI.S	65 mm	8 mm	50.8 mm



Double Flat Bar with Quick Assembly Spider

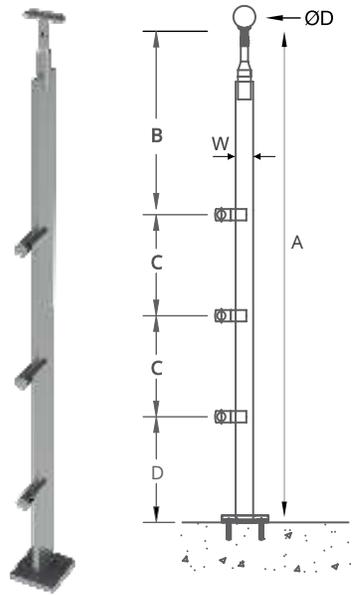
Part No.	Width	Thickness	ØD(For Tube)
BP.107.17.04.S	65 mm	8 mm	50.8 mm

* A, B, C, D can be customized



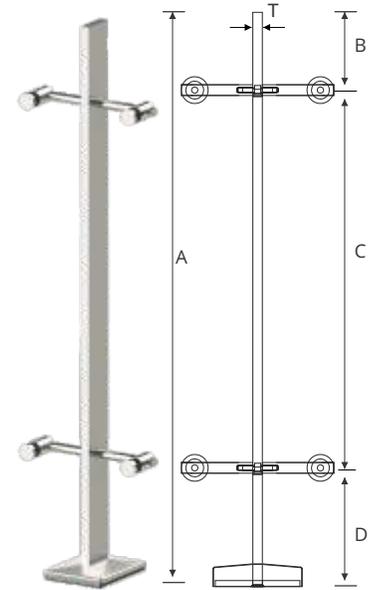
Flat Bar Post with Two Glass Holder

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



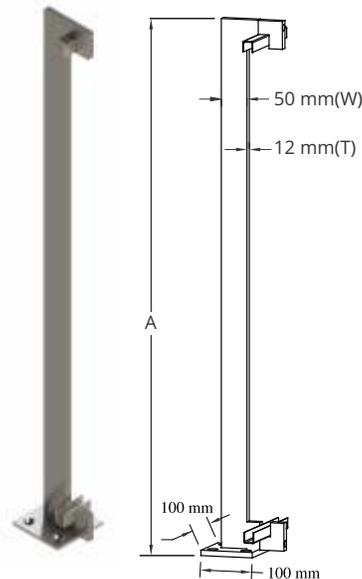
Flat Bar Post with Three Rod Holder

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



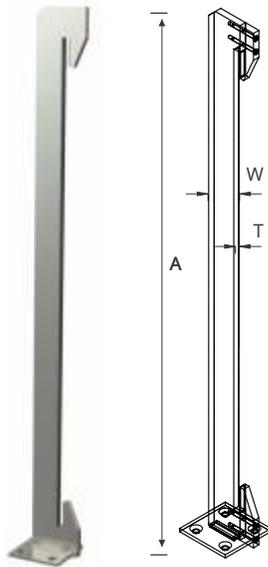
Flat Bar Post with Fixed Spider

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



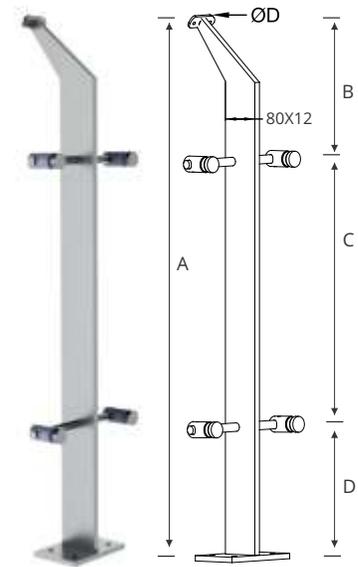
Flat Bar Post with U Channel (Linia)

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

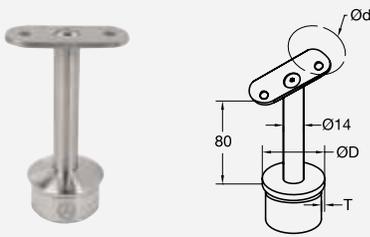


Top Mounting

Brackets, Top Handrail Attachments,
Handrail & Handrail Attachments

3

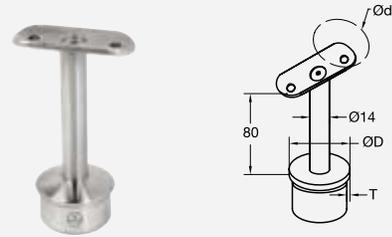
TUBE SUPPORT WITH SADDLE



Tube Support with Fixed Flat Saddle



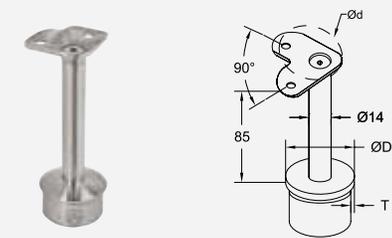
Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TF.002.01.04.S	33.7 mm	2.0 mm	Flat
TF.003.01.04.S	42.4 mm	2.0 mm	Flat
TF.013.01.04.S	42.4 mm	2.6 mm	Flat
TF.004.01.04.S	48.3 mm	2.0 mm	Flat
TF.014.01.04.S	48.3 mm	2.6 mm	Flat
TF.105.01.04.S	38.1 mm / 1.5 inch	1.5 mm	Flat
TF.106.01.04.S	50.8 mm / 2.0 inch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



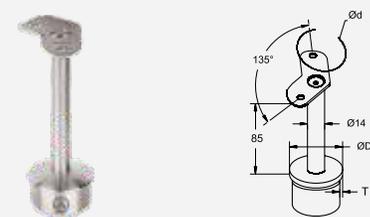
Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TF.002.02.04.S	33.7 mm	2.0 mm	33.7 mm
TF.003.03.04.S	42.4 mm	2.0 mm	42.4 mm
TF.013.03.04.S	42.4 mm	2.6 mm	42.4 mm
TF.004.04.04.S	48.3 mm	2.0 mm	48.3 mm
TF.014.03.04.S	48.3 mm	2.6 mm	42.4 mm
TF.014.04.04.S	48.3 mm	2.6 mm	48.3 mm
TF.106.06.04.S	38.1 mm /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



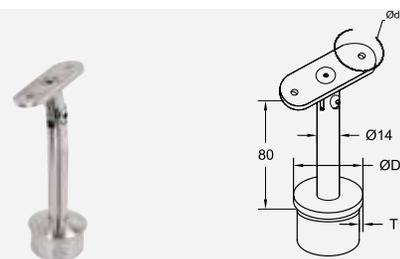
Part No.	ØD(For Tube)	T(Thickness)	Ød(HRA for elbow 90°)
TF.003.23.04.S	42.4 mm	2.0 mm	42.4 mm
TF.013.23.04.S	42.4 mm	2.6 mm	42.4 mm
TF.004.24.04.S	48.3 mm	2.0 mm	48.3 mm
TF.014.23.04.S	48.3 mm	2.6 mm	42.4 mm
TF.014.24.04.S	48.3 mm	2.6 mm	48.3 mm
TF.105.25.04.S	38.1 mm / 1.5 inch	1.5 mm	38.1 mm / 1.5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

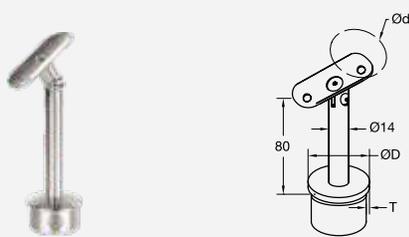


Tube Support with Swivel & Flat Saddle



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

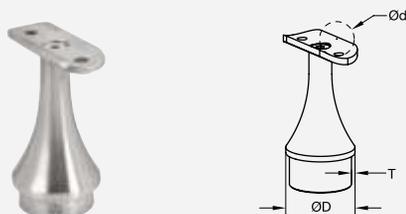


Tube Support for Wall Mount



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

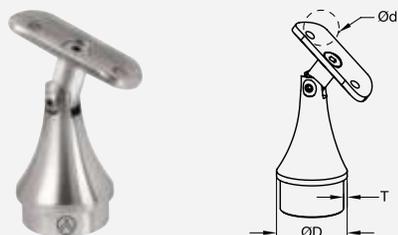
CLASSICAL TUBE SUPPORT WITH SADDLE



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

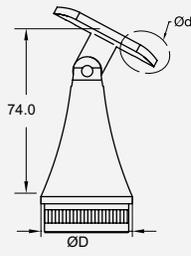


Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TS.203.01.04.S	42.4 mm	2.0 mm	Flat
TS.203.02.04.S	42.4 mm	2.0 mm	33.7 mm
TS.203.03.04.S	42.4 mm	2.0 mm	42.4 mm
TS.203.23.04.S	42.4 mm	2.6 mm	42.4 mm
TS.205.15.04.S	38.1 mm / 1.5 inch	1.5 mm	38.1 mm / 1.5 inch
TS.205.16.04.S	38.1 mm / 1.5 inch	1.5 mm	50.8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

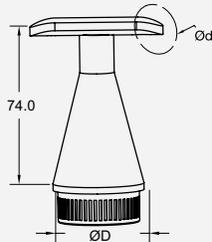
- 1 Flexible tube-support with 42.4 mm HRA and for 42.4 mm pipe fitting
- 2 Aligning HRA holes with tube holes
- 3 Insert button head screw in HRA hole and Tighten to screw with L-Key in Pipe
- 4 Insert button head screw in HRA hole and Tighten to screw with El-key in Pipe
- 5 Allowing Glue to fix
- 6 Align as per your requirement
- 7 Final View

CONICAL TUBE SUPPORTS



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

Conical Flexible Tube Support

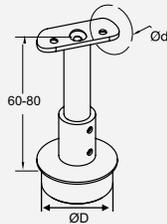


Part No.	ØD	Thickness	Ød
TF.303.03.04.S	42.4 mm	2.0 mm	Ø 42.4 mm

Conical Fixed Tube Support

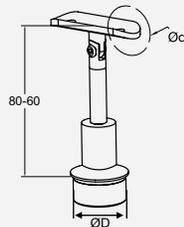


ADJUSTABLE TUBE SUPPORTS



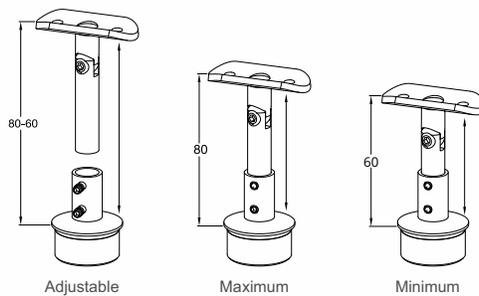
Part No.	ØD	Thickness	Ød
TFA.203.03.04.S	42.4 mm	2.0 mm	Ø 42.4 mm

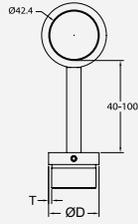
Adjustable Tube Support with Round Saddle



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

Adjustable Tube Support with Swivel Round Saddle

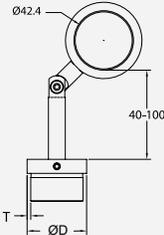




Adjustable Tube Support with Ring



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

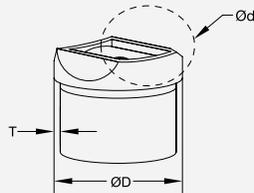


Adjustable Tube Support with Swivel Ring



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

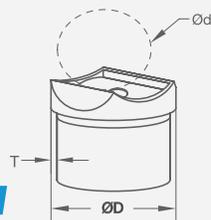
TUBE RESTS



Flat Handrail Tube Rest



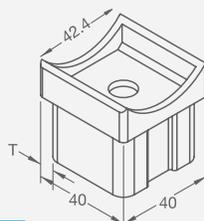
Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TR.002.01.04.S	33.7 mm	2.0 mm	Flat
TR.003.01.04.S	42.4 mm	2.0 mm	Flat
TR.013.01.04.S	42.4 mm	2.6 mm	Flat
TR.004.01.04.S	48.3 mm	2.0 mm	Flat
TR.014.01.04.S	48.3 mm	2.6 mm	Flat
TR.026.01.04.S	38.1 mm / 1.5 inch	1.5 mm	Flat
TR.027.01.04.S	50.8 mm / 2.0 inch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



Round Handrail Tube Rest



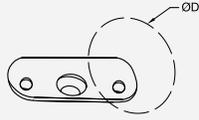
Part No.	ØD(For Tube)	T(Thickness)	Ød(For Tube)
TR.002.02.04.S	33.7 mm	2.0 mm	33.7 mm
TR.003.03.04.S	42.4 mm	2.0 mm	42.4 mm
TR.013.03.04.S	42.4 mm	2.6 mm	42.4 mm
TR.004.04.04.S	48.3 mm	2.0 mm	48.3 mm
TR.014.03.04.S	48.3 mm	2.6 mm	42.4 mm
TR.014.04.04.S	48.3 mm	2.6 mm	48.3 mm
TR.026.06.04.S	38.1 mm / 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



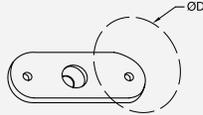
Part No.	S(For Tube)	T(Thickness)
TRS.001.04.04.S	40 x 40 mm	2.0 mm



Round Tube Saddle



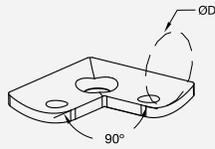
Part No.	ØD(For Tube)
UA.001.01.04.S	Flat
UA.001.02.04.S	33.7 mm
UA.001.03.04.S	42.4 mm
UA.001.04.04.S	48.3 mm
UA.001.06.04.S	38.1 mm / 1.5 inch
UA.001.07.04.S	50.8 mm / 2.0 inch



Flat Tube Saddle



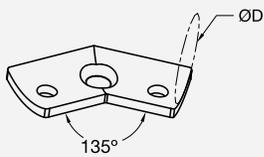
Part No.	D(For Tube)
UA.001.01.04.S	Flat



L-shape Saddle 90°



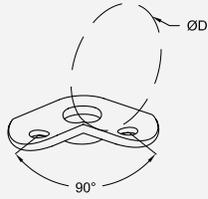
Part No.	ØD(For Tube)
UA.001.23.04.S	42.4 mm
UA.001.24.04.S	48.3 mm
UA.001.26.04.S	38.1 mm / 1.5 inch
UA.001.27.04.S	50.8 mm / 2.0 inch



Saddle 135°



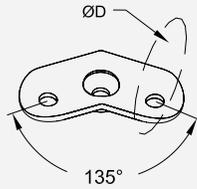
Part No.	ØD(For Tube)
UA.001.13.04.S	42.4 mm
UA.001.14.04.S	48.3 mm
UA.001.16.04.S	38.1 mm / 1.5 inch
UA.001.17.04.S	50.8 mm / 2.0 inch



Heart-shape Saddle



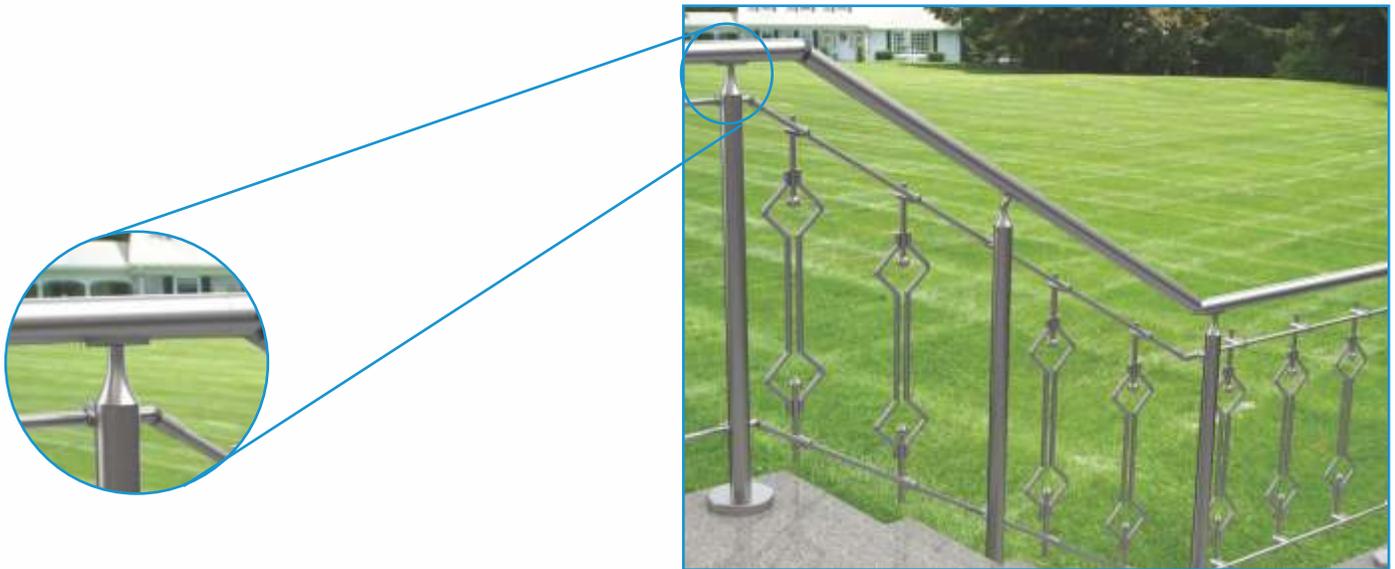
Part No.	ØD(For Tube)
UA.002.23.04.S	42.4 mm
UA.002.24.04.S	48.3 mm
UA.002.26.04.S	38.1 mm / 1.5 inch
UA.002.27.04.S	50.8 mm / 2.0 inch

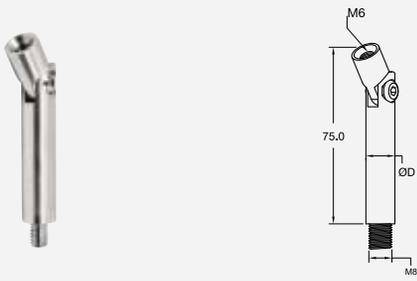


135° Saddle



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





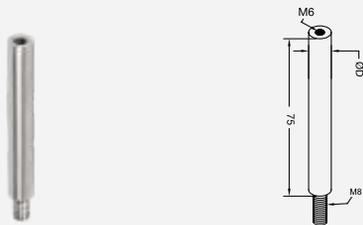
Round Straight Flexible External Thread

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



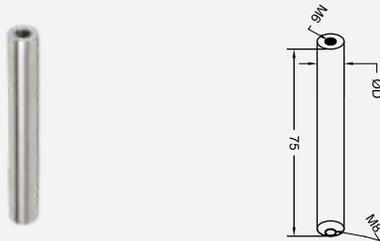
Round Straight Flexible with Internal Thread

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



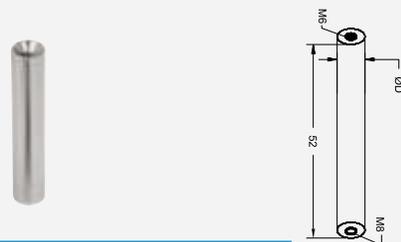
Straight Rod with Internal & External Thread

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



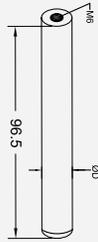
Round Straight Fixed Both Side Thread

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



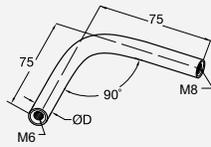
Straight Rod for Length 52 mm

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



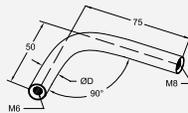
Part No.	ØD(Bar Dia.)	Hole Thread
FP012.20.04.S	14 mm	M6

Straight Rod with One Side Hole



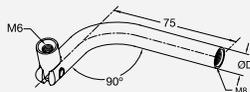
Part No.	ØD(Bar Dia.)	Hole Thread	Hole Thread
FB.001.22.04.S	12 mm	M6	M8
FB.002.22.04.S	14 mm	M6	M8

Round Bend Fixed



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

Round Flexed Bend for 12 mm dia

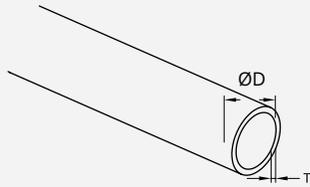


Part No.	ØD(Bar Dia.)	Hole Thread	Hole Thread
SB.001.22.04.S	12 mm	M6	M8
SB.002.22.04.S	14 mm	M6	M8

Round Bend Flexible

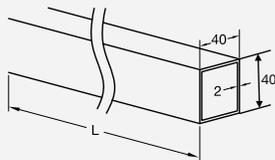
TOP RAIL RANGE





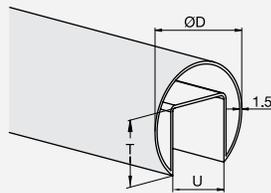
Round Tube

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



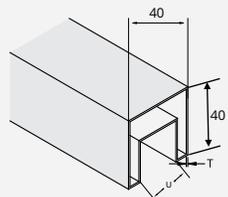
Square Tube

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



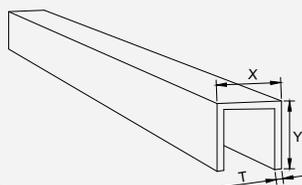
Round U Tube

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



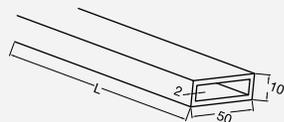
Square U Tube

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



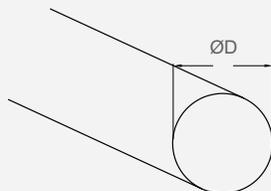
U cap

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



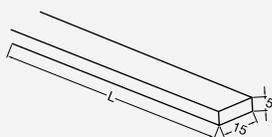
Rectangular Tube

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



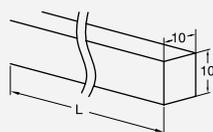
Round Solid Bar

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
EF015.05.04.S	15x5 mm

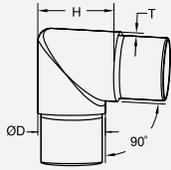


Square Solid Bar

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



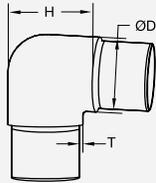
Sharp 90°



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



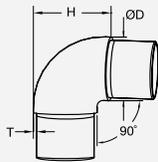
Soft 90°



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



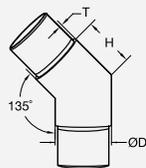
Round 90°



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



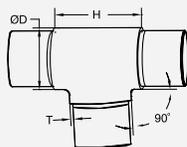
Sharp 135°



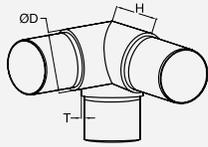
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.401.01.04.S	33.7 mm	2.0 mm	32 mm
EB.402.01.04.S	42.4 mm	2.0 mm	38 mm
EB.402.02.04.S	42.4 mm	2.6 mm	38 mm
EB.403.01.04.S	48.3 mm	2.0 mm	44 mm
EB.403.02.04.S	48.3 mm	2.6 mm	44 mm
EB.404.03.04.S	38.1 mm / 1.5 inch	1.5 mm	35 mm
EB.405.03.04.S	50.8 mm / 2.0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



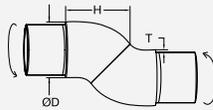
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.501.01.04.S	33.7 mm	2.0 mm	48 mm
EB.502.01.04.S	42.4 mm	2.0 mm	60 mm
EB.502.02.04.S	42.4 mm	2.6 mm	60 mm
EB.503.01.04.S	48.3 mm	2.0 mm	70 mm
EB.503.02.04.S	48.3 mm	2.6 mm	70 mm
EB.504.03.04.S	38.1 mm / 1.5 inch	1.5 mm	52 mm
EB.505.03.04.S	50.8 mm / 2.0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



3 Axis



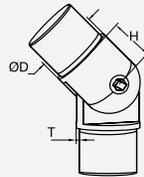
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.601.01.04.S	33.7 mm	2.0 mm	40 mm
EB.602.01.04.S	42.4 mm	2.0 mm	50 mm
EB.602.02.04.S	42.4 mm	2.6 mm	50 mm
EB.603.01.04.S	48.3 mm	2.0 mm	60 mm
EB.603.02.04.S	48.3 mm	2.6 mm	60 mm
EB.604.03.04.S	38.1 mm / 1.5 inch	1.5 mm	45 mm
EB.605.03.04.S	50.8 mm / 2.0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



Rotating



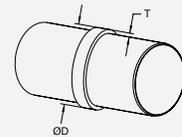
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.701.01.04.S	33.7 mm	2.0 mm	36.5 mm
EB.702.01.04.S	42.4 mm	2.0 mm	49.0 mm
EB.702.02.04.S	42.4 mm	2.6 mm	49.0 mm
EB.703.01.04.S	48.3 mm	2.0 mm	58.5 mm
EB.703.02.04.S	48.3 mm	2.6 mm	58.5 mm
EB.704.03.04.S	38.1 mm / 1.5 inch	1.5 mm	39.5 mm
EB.705.03.04.S	50.8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



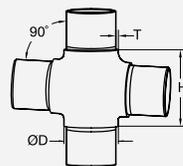
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.801.01.04.S	33.7 mm	2.0 mm	22 mm
EB.804.03.04.S	38.1 mm / 1.5 inch	1.5 mm	24 mm
EB.802.01.04.S	42.4 mm	2.0 mm	27 mm
EB.802.02.04.S	42.4 mm	2.6 mm	27 mm
EB.803.01.04.S	48.3 mm	2.0 mm	30 mm
EB.803.02.04.S	48.3 mm	2.6 mm	30 mm
EB.805.03.04.S	50.8 mm / 2.0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



Connector



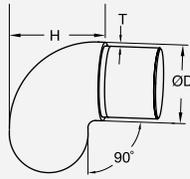
Part No.	ØD(For Tube)	T(Thickness)
EB.901.01.04.S	33.7 mm	2.0 mm
EB.902.01.04.S	42.4 mm	2.0 mm
EB.902.02.04.S	42.4 mm	2.6 mm
EB.903.01.04.S	48.3 mm	2.0 mm
EB.903.02.04.S	48.3 mm	2.6 mm
EB.904.03.04.S	38.1 mm / 1.5 inch	1.5 mm
EB.905.03.04.S	50.8 mm / 2.0 inch	1.5 mm
EB.905.01.04.S	50.8 mm / 2.0 inch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



Four way Tube Joint



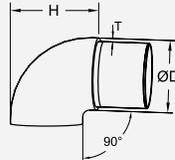
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.121.01.04.S	33.7 mm	2.0 mm	48 mm
EB.124.03.04.S	38.1 mm / 1.5 inch	1.5 mm	52 mm
EB.122.01.04.S	42.4 mm	2.0 mm	60 mm
EB.122.02.04.S	42.4 mm	2.6 mm	60 mm
EB.123.01.04.S	48.3 mm	2.0 mm	68 mm
EB.123.02.04.S	48.3 mm	2.6 mm	68 mm
EB.125.03.04.S	50.8 mm / 2.0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



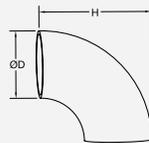
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.111.01.04.S	33.7 mm	2.0 mm	40.5 mm
EB.112.01.04.S	42.4 mm	2.0 mm	51 mm
EB.112.02.04.S	42.4 mm	2.6 mm	51 mm
EB.113.01.04.S	48.3 mm	2.0 mm	59 mm
EB.113.02.04.S	48.3 mm	2.6 mm	59 mm
EB.114.03.04.S	38.1 mm / 1.5 inch	1.5 mm	45.8 mm
EB.115.01.04.S	50.8 mm /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

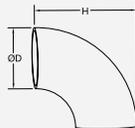


Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.131.01.04.S	33.7 mm	2.0 mm	40.5 mm
EB.132.01.04.S	42.4 mm	2.0 mm	51 mm
EB.132.02.04.S	42.4 mm	2.6 mm	51 mm
EB.133.01.04.S	48.3 mm	2.0 mm	59 mm
EB.133.02.04.S	48.3 mm	2.6 mm	59 mm
EB.134.03.04.S	38.1 mm / 1.5 inch	1.5 mm	45 mm
EB.135.03.04.S	50.8 mm / 2.0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



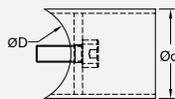
Weldable

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

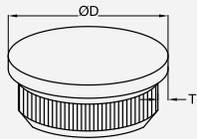
Part No.	ØD(For Tube)	T(Thickness)	H(Height)
EB.141.01.04.R	33.7 mm	2.0 mm	55 mm
EB.142.01.04.R	42.4 mm	2.0 mm	70 mm
EB.143.01.04.R	48.3 mm	2.0 mm	81 mm
EB.144.01.04.R	38.1 mm / 1.5 inch	2.0 mm	55 mm
EB.145.01.04.R	50.8 mm / 2.0 inch	2.0 mm	86 mm



One way Tube Joint



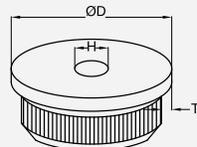
Part No.	T(Thickness)	Ød(For Tube)	ØD(For Tube)
EB.811.01.04.S	2.0 mm	42.4 mm	42.4 mm
EB.811.12.04.S	2.0 mm	48.3 mm	42.4 mm
EB.811.22.04.S	2.6 mm	42.4 mm	42.4 mm
EB.811.32.04.S	2.6 mm	48.3 mm	42.4 mm
EB.811.03.04.S	2.0 mm	42.4 mm	48.3 mm
EB.811.13.04.S	2.0 mm	48.3 mm	48.3 mm
EB.811.23.04.S	2.6 mm	42.4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



Flat with Knurling w/o Hole



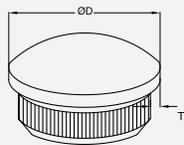
Part No.	ØD(For Tube)	T(Thickness)
EP.001.01.04.S	33.7 mm	2.0 mm
EP.001.02.04.S	42.4 mm	2.0 mm
EP.001.12.04.S	42.4 mm	2.6 mm
EP.001.03.04.S	48.3 mm	2.0 mm
EP.001.13.04.S	48.3 mm	2.6 mm
EP.001.24.04.S	38.1 mm/ 1.5 inch	1.5 mm
EP.001.25.04.S	50.8 mm/ 2.0 inch	1.5 mm
EP.001.05.04.S	50.8 mm/ 2.0 inch	2.0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



Flat with Knurling & Hole



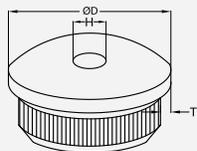
Part No.	ØD(For Tube)	T(Thickness)	H(Thread)
EP.002.01.04.S	33.7 mm	2.0 mm	M8
EP.002.02.04.S	42.4 mm	2.0 mm	M8
EP.002.12.04.S	42.4 mm	2.6 mm	M8
EP.002.03.04.S	48.3 mm	2.0 mm	M8
EP.002.13.04.S	48.3 mm	2.6 mm	M8
EP.002.24.04.S	38.1 mm/ 1.5 inch	1.5 mm	M8
EP.002.25.04.S	50.8 mm/ 2.0 inch	1.5 mm	M8
EP.002.05.04.S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



Curved with Knurling w/o Hole



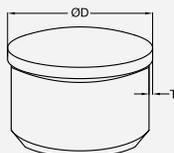
Part No.	ØD(For Tube)	T(Thickness)
EP.003.01.04.S	33.7 mm	2.0 mm
EP.003.02.04.S	42.4 mm	2.0 mm
EP.003.12.04.S	42.4 mm	2.6 mm
EP.003.03.04.S	48.3 mm	2.0 mm
EP.003.13.04.S	48.3 mm	2.6 mm
EP.003.24.04.S	38.1 mm/ 1.5 inch	1.5 mm
EP.003.25.04.S	50.8 mm/ 2.0 inch	1.5 mm
EP.003.05.04.S	50.8 mm/ 2.0 inch	2.0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



Curved with Knurling & Hole



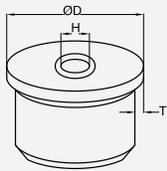
Part No.	ØD(For Tube)	T(Thickness)	H(Thread)
EP.004.01.04.S	33.7 mm	2.0 mm	M8
EP.004.02.04.S	42.4 mm	2.0 mm	M8
EP.004.12.04.S	42.4 mm	2.6 mm	M8
EP.004.03.04.S	48.3 mm	2.0 mm	M8
EP.004.13.04.S	48.3 mm	2.6 mm	M8
EP.004.24.04.S	38.1 mm / 1.5 inch	1.5 mm	M8
EP.004.25.04.S	50.8 mm / 2.0 inch	1.5 mm	M8
EP.004.05.04.S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



Curved Long w/o Knurling & Hole



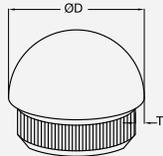
Part No.	ØD(For Tube)	T(Thickness)
EP.005.01.04.S	33.7 mm	2.0 mm
EP.005.02.04.S	42.4 mm	2.0 mm
EP.005.12.04.S	42.4 mm	2.6 mm
EP.005.03.04.S	48.3 mm	2.0 mm
EP.005.13.04.S	48.3 mm	2.6 mm
EP.005.24.04.S	38.1 mm / 1.5 inch	1.5 mm
EP.005.25.04.S	50.8 mm / 2.0 inch	1.5 mm
EP.005.05.04.S	50.8 mm / 2.0 inch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



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

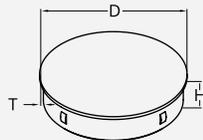


Dome with Knurling



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

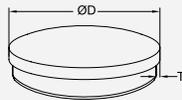


Curved



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

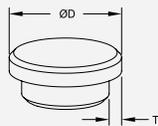
SOLID ENDCAP



Solid Curve Pipe Plug



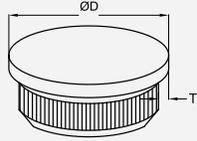
Part No.	ØD(For Tube)	T(Thickness)
EP.008.01.04.S	33.7 mm	2.0 mm
EP.008.02.04.S	42.4 mm	2.0 mm
EP.008.03.04.S	48.3 mm	2.0 mm
EP.008.05.04.S	50.8 mm / 2.0 inch	2.0 mm
EP.008.12.04.S	42.4 mm	2.6 mm
EP.008.13.04.S	48.3 mm	2.6 mm
EP.008.24.04.S	38.1 mm / 1.5 inch	1.5 mm
EP.008.25.04.S	50.8 mm / 2.0 inch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



Solid Pipe Plug



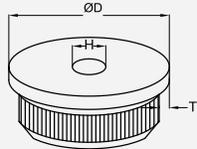
Part No.	ØD(For Tube)	T(Thickness)
EP.009.01.04.S	12.7 mm	1.5 mm
EP.009.02.04.S	14.0 mm	1.5 mm
EP.009.03.04.S	16.0 mm	1.0 mm
EP.009.04.04.S	12.0 inch	1.0 mm



Solid Flat Pipe Plug



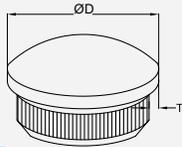
Part No.	ØD(For Tube)	T(Thickness)
EPS.001.01.04.S	33.7 mm	2.0 mm
EPS.001.02.04.S	42.4 mm	2.0 mm
EPS.001.03.04.S	48.3 mm	2.0 mm
EPS.001.24.04.S	38.1 mm / 1.5 inch	1.5 mm
EPS.001.25.04.S	50.8 mm / 2.0 inch	1.5 mm
EPS.001.05.04.S	50.8 mm / 2.0 inch	2.0 mm



Solid Flat Pipe Plug with Hole



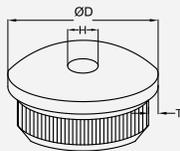
Part No.	ØD(For Tube)	T(Thickness)	H(Thread)
EPS.002.01.04.S	33.7 mm	2.0 mm	M8
EPS.002.02.04.S	42.4 mm	2.0 mm	M8
EPS.002.03.04.S	48.3 mm	2.0 mm	M8
EPS.002.24.04.S	38.1 mm / 1.5 inch	1.5 mm	M8
EPS.002.25.04.S	50.8 mm / 2.0 inch	1.5 mm	M8
EPS.002.05.04.S	50.8 mm / 2.0 inch	2.0 mm	M8



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

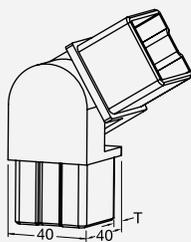
2

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

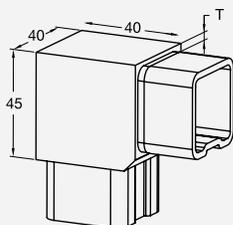
4



Flexible Elbow for Square Tube



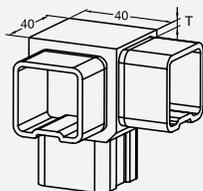
Part No.	S(For Tube)	T(Thickness)
ZE.140.40.04.S	40 x 40 mm	2.0 mm



Square Elbow 90°



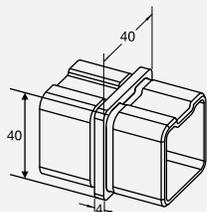
Part No.	S(For Tube)	T(Thickness)
ZE.040.40.04.S	40 x 40 mm	2.0 mm



Three Axis Elbow for Square Tube



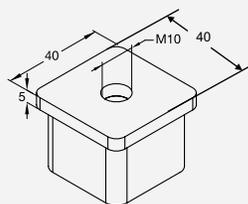
Part No.	S(For Tube)	T(Thickness)
ZE.640.40.04.S	40 x 40 mm	2.0 mm



Connector



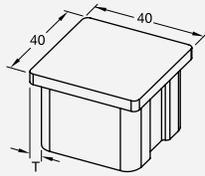
Part No.	S(For Tube)	T(Thickness)
ZE.040.41.04.S	40 x 40 mm	2.0 mm



End Plug with Hole

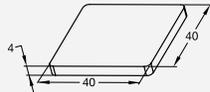


Part No.	S(For Tube)	T(Thickness)
ZE.060.01.04.S	40 x 40 mm	2.0 mm



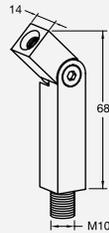
Part No.	S(For Tube)	T(Thickness)
ZP.040.40.04.S	40 x 40 mm	2.0 mm

End Plug without Hole



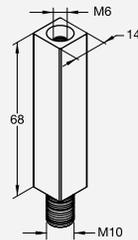
Part No.	S (For Tube)
ZC.040.42.04.S	40x40 mm

Square Plate



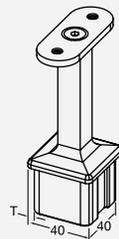
Part No.	S
ZS.014.01.04.S	14x14 mm

Square Flexible Rod



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

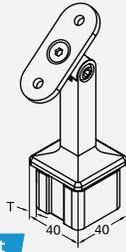
Square Fixed Rod



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

Square Fixed Tube Support



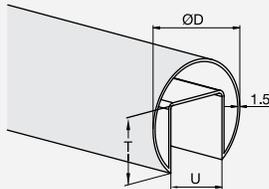


Square Flexible Tube Support



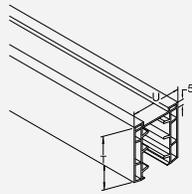
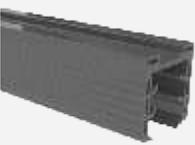
Part No.	S (For Tube)	T (Thickness)
ZT.140.40.04.S	40x40 mm	2.0 mm

U - TUBE FITTINGS



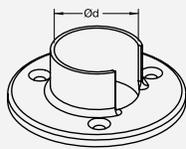
Round U Tube

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

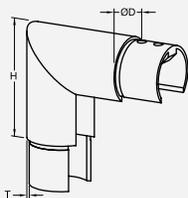
Part No.	T(Thickness)	U	Glass Thickness
UT.042.01.RB.N	24 mm	24 mm	8.0 - 11.0 mm
UT.042.02.RB.N	24 mm	24 mm	11.5 - 15.5 mm
UT.042.03.RB.N	24 mm	24 mm	16.0 - 17.5 mm
UT.042.04.RB.N	24 mm	24 mm	20.0 - 21.5 mm
UT.048.01.RB.N	27 mm	30 mm	8.0 - 11.0 mm
UT.048.02.RB.N	27 mm	30 mm	11.5 - 15.5 mm
UT.048.03.RB.N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



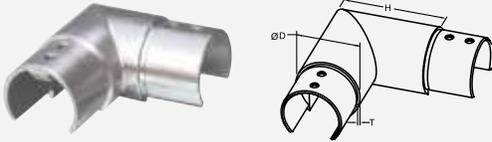
Part No.	ØD(For Tube)	T(Thickness)
YC.001.03.04.S	42.4 mm	1.5 mm
YC.001.04.04.S	48.3 mm	1.5 mm



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



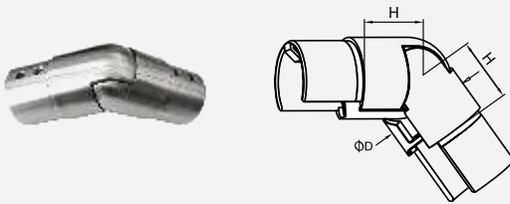
Part No.	ØD (For Tube)	T (Thickness)	H (Height)
YE.162.03.04.S	42.4 mm	1.5 mm	30 mm
YE.163.03.04.S	48.3 mm	1.5 mm	35 mm

U Tube Elbow for Handrail



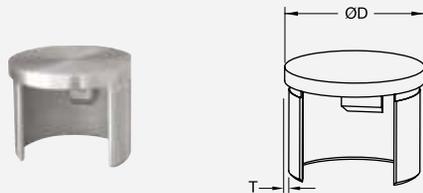
Part No.	ØD (For Tube)	T (Thickness)
YE.902.03.04.S	42.4 mm	1.5 mm
YE.903.03.04.S	48.3 mm	1.5 mm

U Tube Connector for Handrail



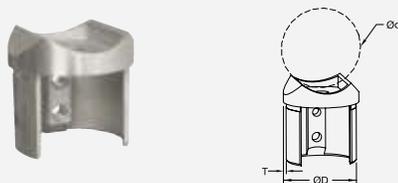
Part No.	ØD (For Tube)	T (Thickness)	H (Height)
YE.802.03.04.S	42.4 mm	1.5 mm	30 mm
YE.803.03.04.S	48.3 mm	1.5 mm	35 mm

U Tube Elbow Flexible for Handrail



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

U Tube End Plug

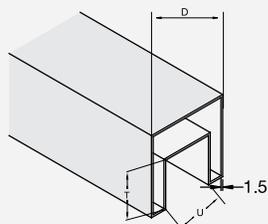


Part No.	ØD (For Tube)	T (Thickness)	Ød (For Tube)
YR.023.03.04.S	42.4 mm	1.5 mm	42.4 mm
YR.023.04.04.S	42.4 mm	1.5 mm	48.3 mm
YR.024.04.04.S	48.3 mm	1.5 mm	48.3 mm

Tube Rest for U Tube Post

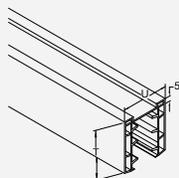
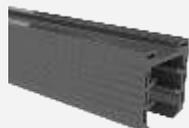


SQUARE U TUBE FITTINGS (40X40 MM)



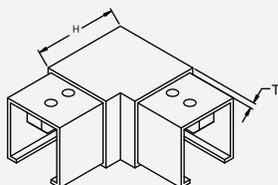
Square U Tube

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



Rubber according to glass thickness

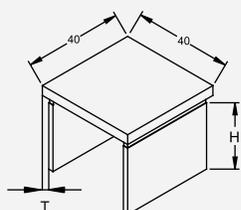
Part No.	T	U	Glass Thickness
UT.042.01.RB.N	24 mm	24 mm	8.0-11.0 mm
UT.042.02.RB.N	24 mm	24 mm	11.5-15.5 mm
UT.042.03.RB.N	24 mm	24 mm	16.0-17.5 mm
UT.042.04.RB.N	24 mm	24 mm	20.0-21.5 mm



Elbow Connector 90°



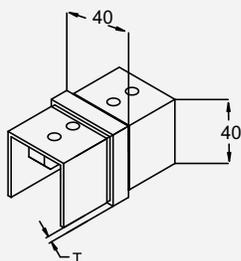
Part No.	For Tube	T	H (Height)
YES.162.15.04.S	40x40	1.5mm	50mm



Endcap



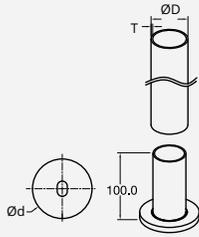
Part No.	For Tube	T	H (Height)
YPS.040.15.04.S	40x40	1.5mm	30mm



Connector



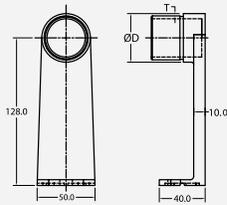
Part No.	For Tube	T
YES.040.15.04.S	40x40	1.5mm



Tube Mount Clamp for Staircase



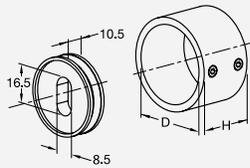
Part No.	ØD (For Tube)	T (Thickness)	Ød (For Plate)
UC.032.01.04.S	33.7 mm	2.0 mm	80 mm
UC.032.03.04.S	38.1 mm / 1.5 inch	1.5 mm	80 mm



Tube Support for Staircase



Part No.	ØD (For Tube)	T (Thickness)
TFR.003.03.04.S	42.4 mm	2.0 mm

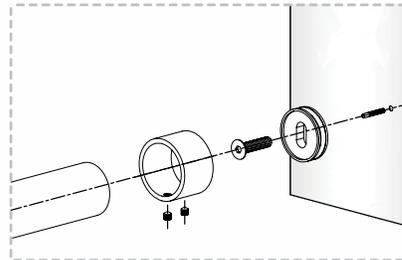
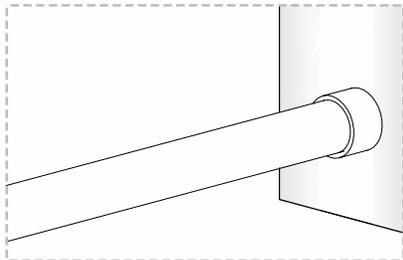


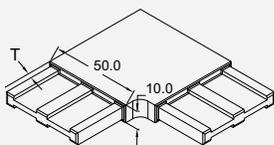
End Support Elbow



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

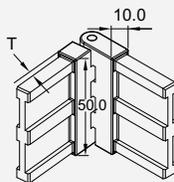




Angle Connector 90°



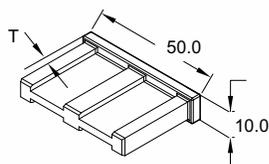
Part No.	D	T
ETA.500.12.04.S	50x10 mm	1.5 mm



Flexible Connector



Part No.	D	T
ETA.500.14.04.S	50x10 mm	1.5 mm

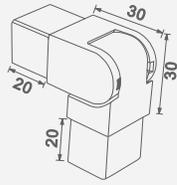


Endcap



Part No.	D	T
ETA.500.11.04.S	50x10 mm	1.5 mm

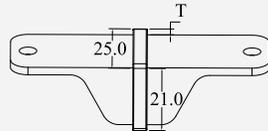
RECTANGULAR FITTINGS (25 X 21 MM)



Flexible Elbow



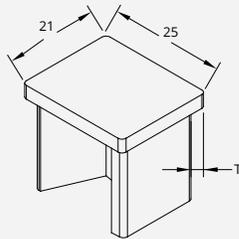
Part No.	D	T
YTA.250.04.04.S	25x21 mm	1.2mm



Connector 180°



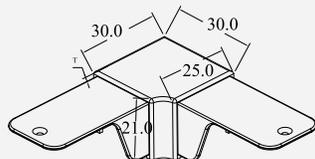
Part No.	D	T
YTA.250.03.04.S	25x21 mm	1.2mm



Angle Connector 90°



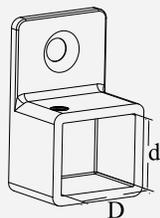
Part No.	D	T
YTA.250.01.04.S	25x21 mm	1.2mm



Connector 90°



Part No.	D	T
YTA.250.02.04.S	25x21 mm	1.2mm

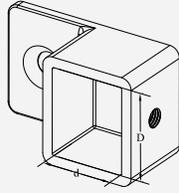


Wall Holder



Part No.	D	T
YTA.250.06.04.S	25x21 mm	1.2 mm

RECTANGULAR FITTINGS (25 X 21 MM)

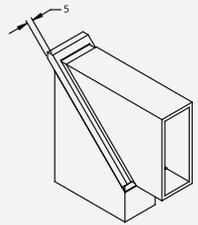


Wall Holder



Part No.	D	T
YTA.250.07.04.S	25x21 mm	1.2 mm

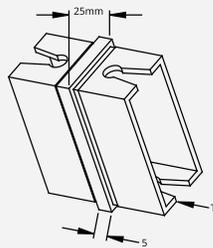
RECTANGULAR FITTINGS (50 X 25 MM)



Angle Connector 90°



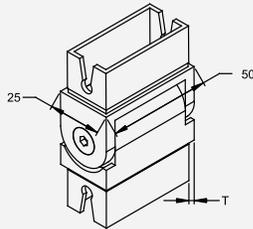
Part No.	D	T
ETA.500.02.04.S	50x25 mm	1.5 mm



Connector



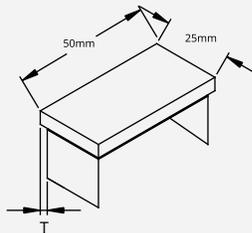
Part No.	D	T
ETA.500.03.04.S	50x25 mm	1.5 mm



Flexible Connector



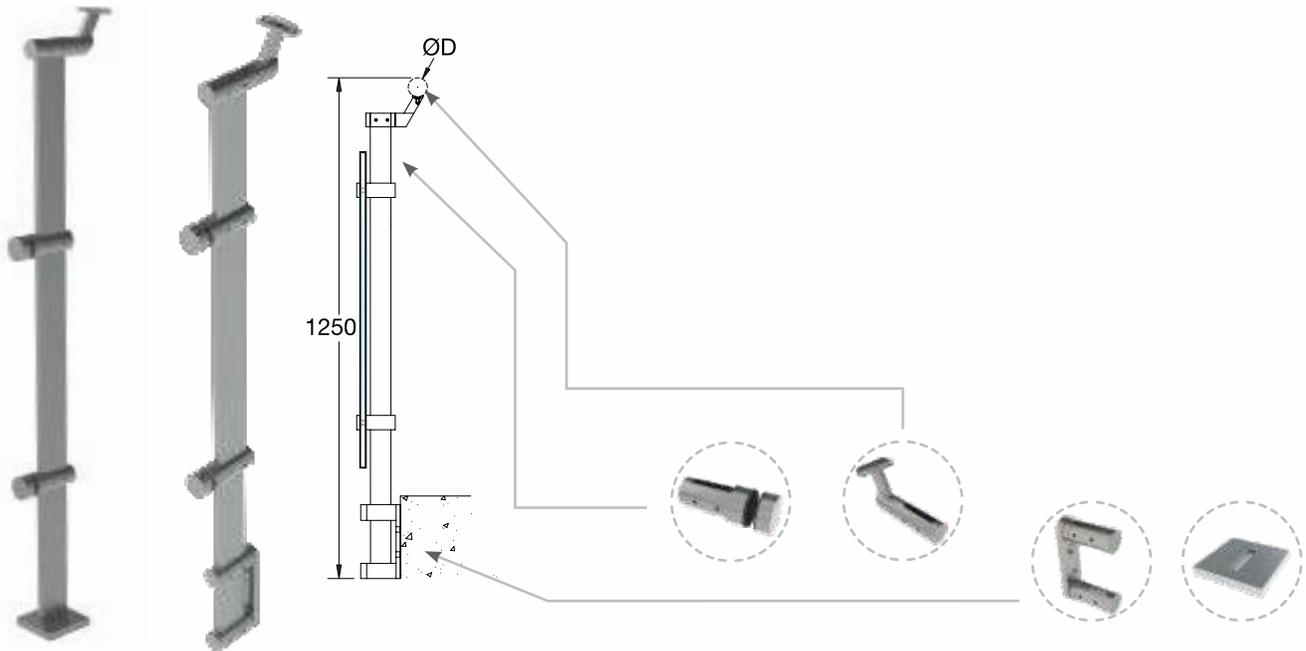
Part No.	D	T
ETA.500.04.04.S	50x25 mm	1.5 mm



Endcap

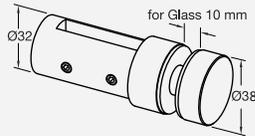


Part No.	D	T
ETA.500.01.04.S	50x25 mm	1.5 mm



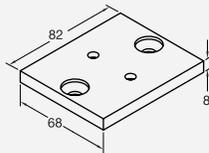
BP.102.01.04.S

BP.102.11.04.S



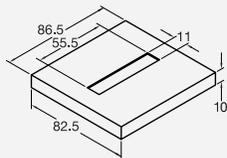
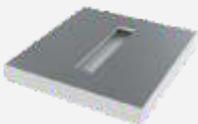
Part No.	Slot Size
GHB.038.00.04.S	50mm x 8mm

Glass Holder



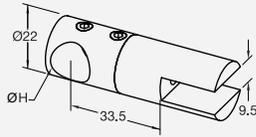
Part No.
RA.001.01.04.S

Base Plate



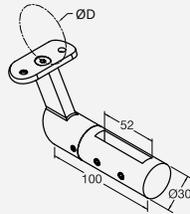
Part No.	Slot Size
ZC.001.01.04.S	50mm x 8mm

Base Plate Cover



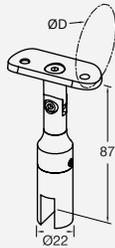
Part No.	ØH (Hole Dia)
HD.800.02.04.S	12.0 mm

Rod Holder



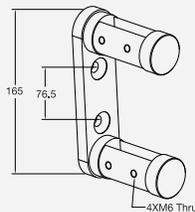
Part No.	ØD(For Pipe)
RF.003.03.04.S	42.4 mm
RF.003.06.04.S	38.1 mm / 1.5 inch
RF.003.07.05.S	50.8 mm / 2.0 inch

Offset Tube Support



Part No.	ØD(For Pipe)
TS.300.02.04.S	33.7 mm
TS.300.03.04.S	42.4 mm
TS.300.06.04.S	38.1 mm / 1.5 inch
TS.300.07.04.S	50.8 mm / 2.0 inch

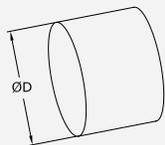
Tube Support



Part No.	Slot Size
UB.001.01.04.S	50mm x 8mm

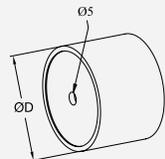
Side Mount Upright Clamp





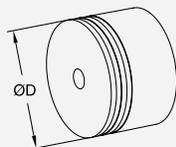
Part No.	ØD (For Tube)
WL.001.01.04.S	42.4 mm
WL.001.02.04.S	48.3 mm

Plug for wooden railing



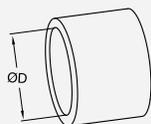
Part No.	ØD (For Tube)
WL.002.01.04.S	42.4 mm
WL.002.02.04.S	48.3 mm

Connector 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

Adapter 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

Alignment tool for wooden railing

How To Use ?



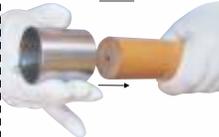
INSTALLATION INSTRUCTIONS FOR ELBOW WITH WOODEN HANDRAIL

1



Woodline system for the extension of Wooden Handrail

2



Insert the wooden handrail in the alignment tool

3



Insert the adapter in the alignment tool

4



Tighten the nylon adapter with screw & remove the alignment tool

5



Tighten the adapter with wooden handrail & insert the connector in the alignment tool

6



Tighten the connector with wooden handrail by screw & remove the alignment tool

7



Apply the glue on the nylon adapter attached with the first wooden handrail

8



Insert the attached nylon adapter in the connector

9



INSTALLATION INSTRUCTIONS FOR T - JOINT WITH WOODEN HANDRAIL

1



Woodline system for T joints or 3 way joints

2



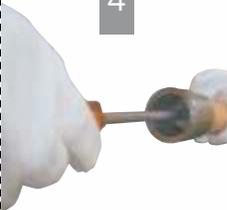
Insert the connector in the alignment tool

3



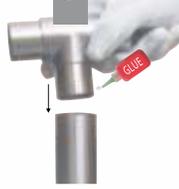
Insert the wooden handrail in the alignment tool

4



Tighten the connector with the wooden handrail by screw

5

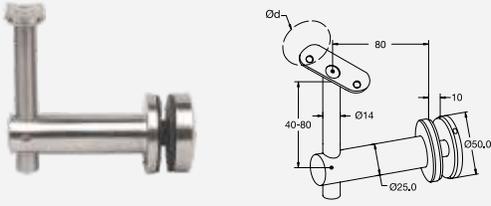


Apply the glue on the collar of T joint and insert in the post

6



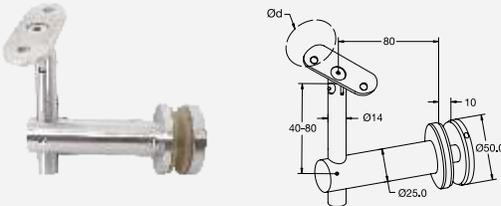
Apply glue on the second collar of T joint & insert in the connector attached wooden handrail



Handrail Bracket for Glass



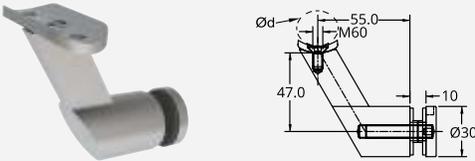
Part No.	Ød(For Tube)	For Mounting
GF.001.01.04.S	Flat	For Glass
GF.001.02.04.S	33.7 mm	For Glass
GF.001.03.04.S	42.4 mm	For Glass
GF.001.04.04.S	48.3 mm	For Glass
GF.001.06.04.S	38.1 mm / 1.5 inch	For Glass
GF.001.07.04.S	50.8 mm / 2.0 inch	For Glass



Swivel Handrail Bracket for Glass



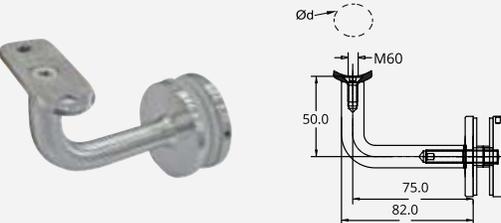
Part No.	Ød(For Tube)	For Mounting
GS.001.01.04.S	Flat	For Glass
GS.001.02.04.S	33.7 mm	For Glass
GS.001.03.04.S	42.4 mm	For Glass
GS.001.04.04.S	48.3 mm	For Glass
GS.001.06.04.S	38.1 mm / 1.5 inch	For Glass
GS.001.07.04.S	50.8 mm / 2.0 inch	For Glass



Handrail Bracket for Glass Mounting in Casting



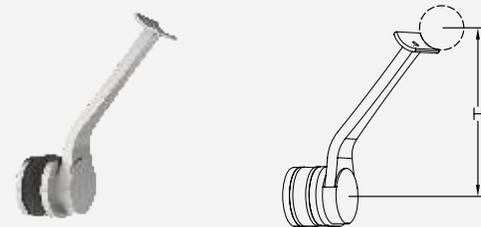
Part No.	Ød(For Tube)	For Mounting
GF.003.01.04.S	Flat	For Glass
GF.003.02.04.S	33.7 mm	For Glass
GF.003.03.04.S	42.4 mm	For Glass
GF.003.04.04.S	48.3 mm	For Glass
GF.003.06.04.S	38.1 mm / 1.5 inch	For Glass
GF.003.07.04.S	50.8 mm / 2.0 inch	For Glass



Handrail Bracket for Glass Mounting



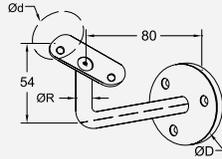
Part No.	Ød(For Tube)	For Mounting
GF.004.01.04.S	Flat	For Glass
GF.004.02.04.S	33.7 mm	For Glass
GF.004.03.04.S	42.4 mm	For Glass
GF.004.06.04.S	38.1 mm / 1.5 inch	For Glass
GF.004.07.04.S	50.8 mm / 2.0 inch	For Glass



Handrail Bracket for Glass(Cavo)



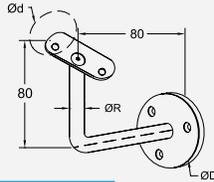
Part No.	H
GFC.001.11.04.S	5 5/8"



Wall Bracket with Short Tube Saddle



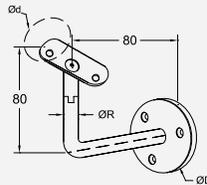
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.010.01.04.S	Flat	58 mm	12 mm
WB.010.02.04.S	33.7 mm	58 mm	12 mm
WB.010.03.04.S	42.4 mm	58 mm	12 mm
WB.010.04.04.S	48.3 mm	58 mm	12 mm
WB.010.06.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.010.07.04.S	50.8 mm / 2.0 inch	58 mm	12 mm



Wall Bracket with Long Tube Saddle



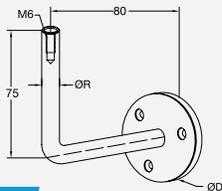
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.110.01.04.S	Flat	58 mm	12 mm
WB.110.02.04.S	33.7 mm	58 mm	12 mm
WB.110.03.04.S	42.4 mm	58 mm	12 mm
WB.110.04.04.S	48.3 mm	68 mm	14 mm
WB.110.06.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.110.07.04.S	50.8 mm / 2.0 inch	68 mm	14 mm



Wall Bracket with Swivel Saddle



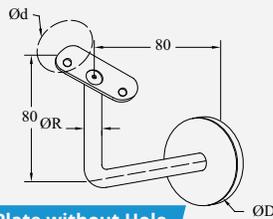
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.110.11.04.S	Flat	58 mm	12 mm
WB.110.12.04.S	33.7 mm	58 mm	12 mm
WB.110.13.04.S	42.4 mm	58 mm	12 mm
WB.110.14.04.S	48.3 mm	68 mm	14 mm
WB.110.16.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.110.17.04.S	50.8 mm / 2.0 inch	68 mm	14 mm



Wall Bracket without Saddle



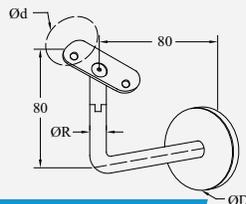
Part No.	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.130.01.04.S	58 mm	12 mm
WB.231.01.04.S	68 mm	14 mm



Fixed Wall Bracket with Plate without Hole



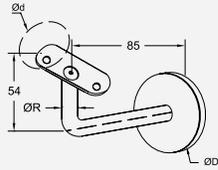
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.120.01.04.S	Flat	58 mm	12 mm
WB.120.02.04.S	33.7 mm	58 mm	12 mm
WB.120.03.04.S	42.4 mm	58 mm	12 mm
WB.120.04.04.S	48.3 mm	68 mm	14 mm
WB.120.06.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.120.07.04.S	50.8 mm / 2.0 inch	68 mm	14 mm



Flexible Wall Bracket with Plate without Hole



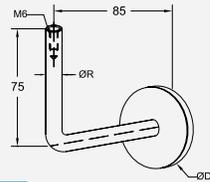
Part No.	Ød(For Tube)	ØD(Plate Dia.)	ØR(Rod Dia.)
WB.120.11.04.S	Flat	58 mm	12 mm
WB.120.12.04.S	33.7 mm	58 mm	12 mm
WB.120.13.04.S	42.4 mm	58 mm	12 mm
WB.120.14.04.S	48.3 mm	68 mm	14 mm
WB.120.16.04.S	38.1 mm / 1.5 inch	58 mm	12 mm
WB.120.17.04.S	50.8 mm / 2.0 inch	68 mm	14 mm



Wall Bracket w/o Hole



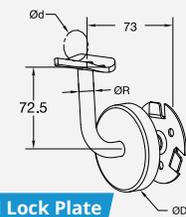
Part No.	Ød(For Tube.)	ØD(Plate Dia.)	ØR (Rod Dia.)
WB.020.01.04.S	Flat	58 mm	12 mm
WB.020.02.04.S	33.7 mm	58 mm	12 mm
WB.020.03.04.S	42.4 mm	58 mm	12 mm
WB.020.04.04.S	48.3 mm	58 mm	12 mm
WB.020.07.04.S	50.8 mm/2.0 inch	58 mm	12 mm
WB.020.06.04.S	38.1 mm/1.5 inch	58 mm	12 mm



Wall Bracket w/o Hole Saddle



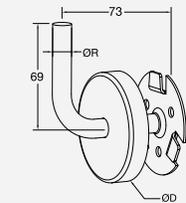
Part No.	ØR(Rod Dia.)	ØD(Plate Dia.)
WB.130.02.04.S	12 mm	58 mm
WB.231.02.04.S	14 mm	68 mm



Wall Bracket with Cover and Lock Plate



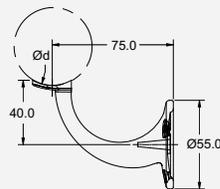
Part No.	Ød(For Tube.)	ØD(Plate Dia.)	ØR (Rod Dia.)
WB.140.03.04.S	42.4 mm	70 mm	12 mm



Wall Bracket with Cover and Lock Plate without Saddle



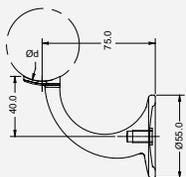
Part No.	ØR(Rod Dia.)	ØD(Plate Dia.)
WB.150.00.04.S	12.4 mm	70 mm



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

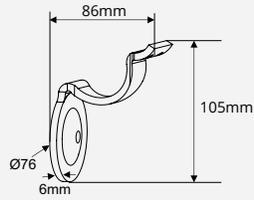


Aluminium Alloy Wall Bracket without Hole



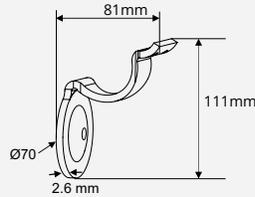
Part No.	Ød(For Tube)	ØD(Plate Dia.)
WB.161.02.AL.A	Flat	55 mm
WB.163.02.AL.A	42.4 mm	55 mm

WALL BRACKETS



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

Aluminium Wall Bracket

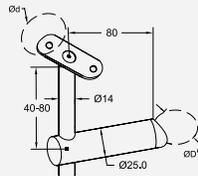


Part No.	H	L	ØD	T
WB.231.31.04.S	111 mm	81 mm	70 mm	2.6 mm

Stainless Steel Wall Bracket

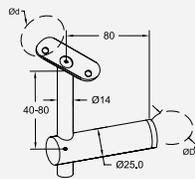


HANDRAIL BRACKETS



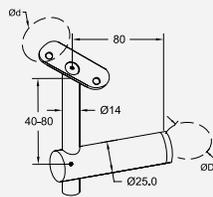
Part No.	ØD(For Tube)	Ød(For Tube)
HF.001.01.04.S	Flat	Flat
HF.001.02.04.S	33.7 mm	Flat
HF.001.03.04.S	42.4 mm	Flat
HF.001.04.04.S	48.3 mm	Flat
HF.001.06.04.S	38.1 mm / 1.5 inch	Flat
HF.001.07.04.S	50.8 mm / 2.0 inch	Flat

Handrail Bracket for Round 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

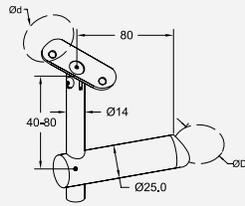
Handrail Bracket for Flat Post & Flat Saddle



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

Handrail Bracket for Round Post & Round Saddle

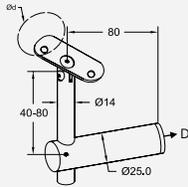




Swivel Handrail Bracket for Round Post



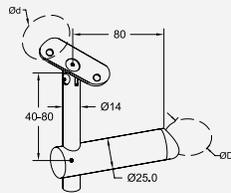
Part No.	ØD(For Tube)	Ød(For Tube)
HS.001.01.04.S	Flat	Flat
HS.001.02.04.S	33.7 mm	Flat
HS.001.03.04.S	42.4 mm	Flat
HS.001.04.04.S	48.3 mm	Flat
HS.001.06.04.S	38.1 mm / 1.5 inch	Flat
HS.001.07.04.S	50.8 mm / 2.0 inch	Flat



Swivel Handrail Bracket for Flat Post



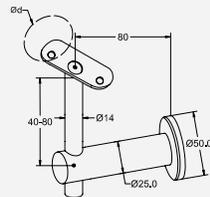
Part No.	D(For Tube)	Ød(For Tube)
HS.002.01.04.S	Flat	33.7 mm
HS.003.01.04.S	Flat	42.4 mm
HS.004.01.04.S	Flat	48.3 mm
HS.006.01.04.S	Flat	38.1 mm / 1.5 inch
HS.007.01.04.S	Flat	50.8 mm / 2.0 inch



Swivel Handrail Bracket for Round Post



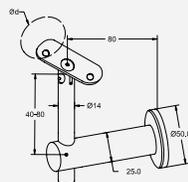
Part No.	ØD(For Tube)	Ød(For Tube)
HS.003.03.04.S	42.4 mm	42.4 mm
HS.004.03.04.S	42.4 mm	48.3 mm
HS.003.04.04.S	48.3 mm	42.4 mm
HS.004.04.04.S	48.3 mm	48.3 mm
HS.006.06.04.S	38.1 mm / 1.5 inch	38.1 mm / 1.5 inch
HS.007.06.04.S	38.1 mm / 1.5 inch	50.8 mm / 2.0 inch
HS.006.07.04.S	50.8 mm / 2.0 inch	38.1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



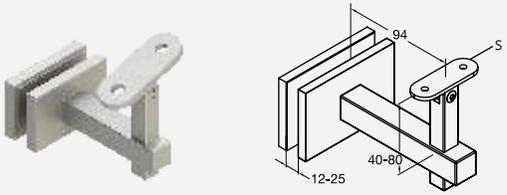
Part No.	Ød(For Tube)	For Mounting
WF.001.01.04.S	Flat	For Wall
WF.001.02.04.S	33.7 mm	For Wall
WF.001.03.04.S	42.4 mm	For Wall
WF.001.04.04.S	48.3 mm	For Wall
WF.001.06.04.S	38.1 mm / 1.5 inch	For Wall
WF.001.07.04.S	50.8 mm / 2.0 inch	For Wall



Swivel Handrail Bracket for Wall Mounting

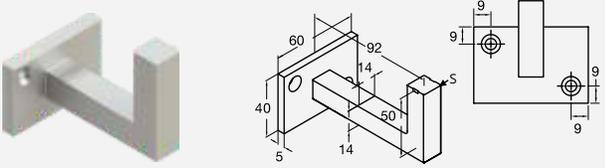


Part No.	Ød(For Tube)	For Mounting
WS.001.01.04.S	Flat	For Wall
WS.001.02.04.S	33.7 mm	For Wall
WS.001.03.04.S	42.4 mm	For Wall
WS.001.04.04.S	48.3 mm	For Wall
WS.001.06.04.S	38.1 mm / 1.5 inch	For Wall
WS.001.07.04.S	50.8 mm / 2.0 inch	For Wall



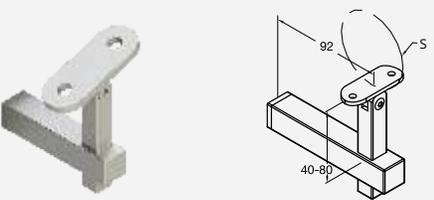
Part No.	S(For Tube)
ZH.005.01.04.S	Flat

Square Handrail Bracket for Glass with Swivel Saddle



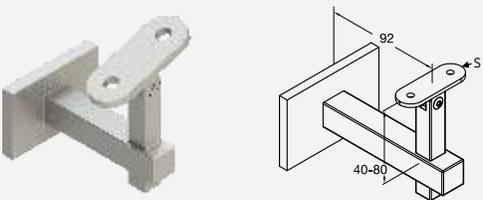
Part No.	S(For Tube)
ZH.001.01.04.S	For Weld

Square Handrail Bracket w/o Saddle



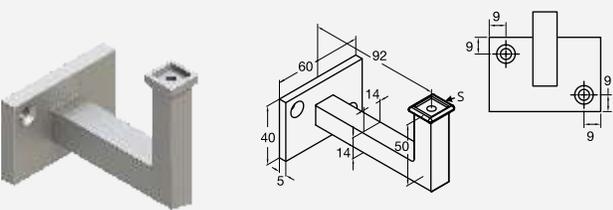
Part No.	S(For Tube)
ZH.002.01.04.S	Flat

Handrail Bracket with Swivel Flat Saddle



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

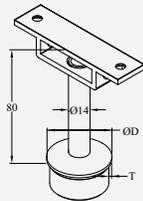
Square Handrail Bracket with Swivel Saddle



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

Handrail Bracket w/o Saddle Hole

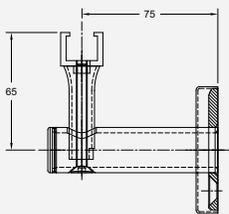




Tube Support



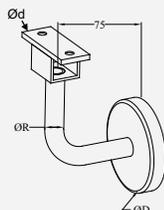
Part No.	ØD	T(Thickness)
TF.011.03.04.S	42.4 mm	1.5 mm
TF.011.25.04.S	50.8 mm / 2.0 inch	1.5 mm



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



Infill

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

4



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



316		304		ØD (For tube)
Part No.				
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		ØD (For tube)
Part No.				
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		ØD (For tube)
Part No.				
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



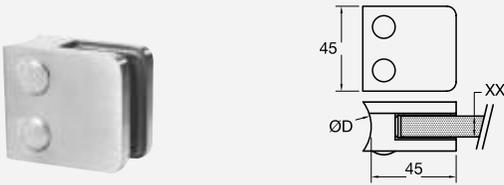
316		304		ØD (For tube)
Part No.				
GC.301.XX.16.S				Flat
		GC.301.XX.04.S		Flat
GC.302.XX.16.S				33.7 mm
		GC.302.XX.04.S		33.7 mm
GC.303.XX.16.S				42.4 mm
		GC.303.XX.04.S		42.4 mm
GC.304.XX.16.S				48.3 mm
		GC.304.XX.04.S		48.3 mm
GC.306.XX.16.S				38.1 mm/ 1.5 inch
		GC.306.XX.04.S		38.1 mm/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



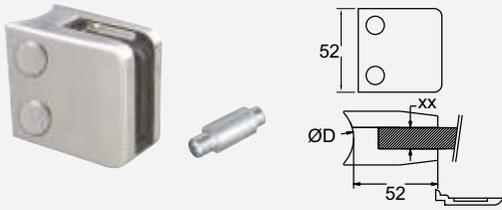
316		304		ØD (For tube)
Part No.				
GC.401.XX.16.S				Flat
		GC.401.XX.04.S		Flat
GC.403.XX.16.S				42.4 mm
		GC.403.XX.04.S		42.4 mm
GC.404.XX.16.S				48.3 mm
		GC.404.XX.04.S		48.3 mm
GC.407.XX.16.S				50.8 mm/ 2.0 inch
		GC.407.XX.04.S		50.8 mm/ 2.0 inch



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



316		304		ØD (For tube)
Part No.				
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



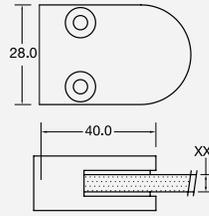
316	304	ØD (For tube)
Part No.		
GC.441.XX.16.S		Flat
	GC.441.XX.04.S	Flat
GC.443.XX.16.S		42.4mm
	GC.443.XX.04.S	42.4mm
GC.444.XX.16.S		48.3mm
	GC.444.XX.04.S	48.3mm
GC.447.XX.16.S		50.8mm / 2.0 inch
	GC.447.XX.04.S	50.8mm / 2.0 inch



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



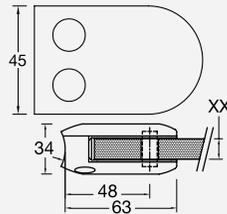
316	304	ØD (For tube)
Part No.		
GC.451.XX.16.S		Flat
	GC.451.XX.04.S	Flat
GC.453.XX.16.S		42.4mm
	GC.453.XX.04.S	42.4mm
GC.454.XX.16.S		48.3mm
	GC.454.XX.04.S	48.3mm
GC.457.XX.16.S		50.8mm / 2.0 inch
	GC.457.XX.04.S	50.8mm / 2.0 inch



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



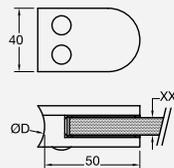
316	304	ØD (For tube)	
Part No.		Flat	With Rubber 6mm
GC.601.01.16.S	GC.601.01.04.S	Flat	With Rubber 6mm
GC.602.01.16.S	GC.602.01.04.S	25.4	With Rubber 6mm
		25.4	With Rubber 6mm



Classic (63 x 45 mm) with Profile for Glass 10 mm



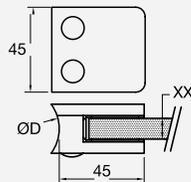
316	304	ØD (For tube)	
Part No.		Flat	
GC.231.XX.16.S	GC.231.XX.04.S	Flat	
GC.233.XX.16.S	GC.233.XX.04.S	42.4 mm	
GC.234.XX.16.S	GC.234.XX.04.S	48.3 mm	
GC.237.XX.16.S	GC.237.XX.04.S	50.8 mm	
		50.8 mm	



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



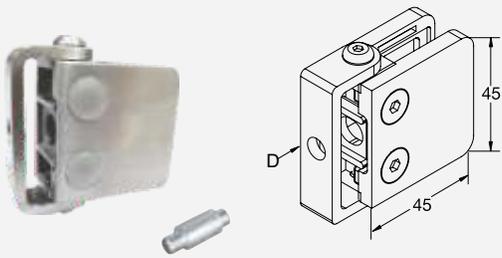
316	304	ØD (For tube)	
Part No.		Flat	
GC.101L.XX.16.S	GC.101L.XX.04.S	Flat	
GC.102L.XX.16.S	GC.102L.XX.04.S	33.7 mm	
GC.103L.XX.16.S	GC.103L.XX.04.S	42.4 mm	
GC.107L.XX.16.S	GC.107L.XX.04.S	50.8 mm/ 2 inch	
		50.8 mm/ 2 inch	



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

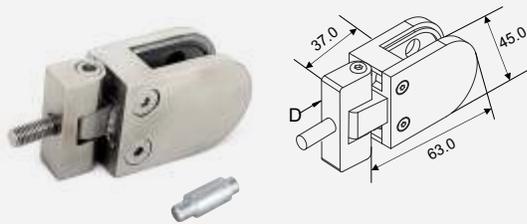


316	304	ØD (For tube)	
Part No.		Flat	
GC.301L.XX.16.S	GC.301L.XX.04.S	Flat	
GC.302.XX.16.S	GC.302.XX.04.S	33.7 mm	
GC.303L.XX.16.S	GC.303L.XX.04.S	42.4 mm	
GC.306L.XX.16.S	GC.306L.XX.04.S	38.1 mm/ 1.5 inch	
		38.1 mm/ 1.5 inch	
GC.307L.XX.16.S	GC.307L.XX.04.S	50.8 mm/ 2.0 inch	
		50.8 mm/ 2.0 inch	



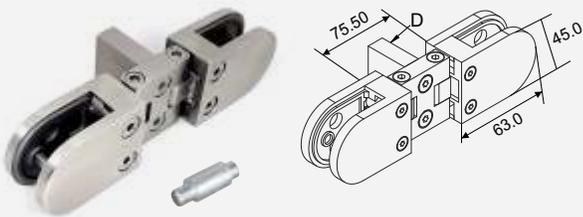
Part No.	D(For Tube)
GC.310.01.04.S	Flat

Square (45 x 45 mm) for Curve Railing



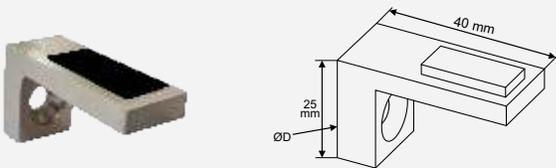
Part No.	D(For Tube)
GC.200.01.04.S	Flat

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



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

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

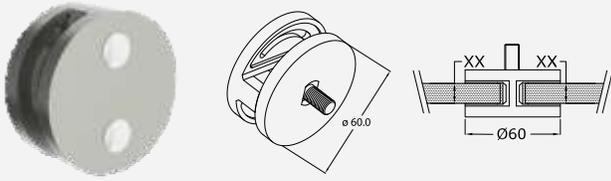


Part No.	ØD(For tube)
PL.002.01.04.S	Flat
PL.002.03.04.S	42.4 mm
PL.002.06.04.S	38.1 mm/ 1.5 inch
PL.002.07.04.S	50.8 mm/ 2.0 inch

Drop Plate



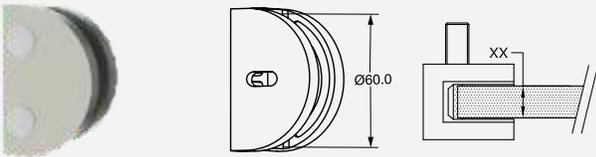
ROUND GLASS CLIPS (FULL & HALF)



Full Round Glass Clip Dia 60 mm for Glass 10 mm



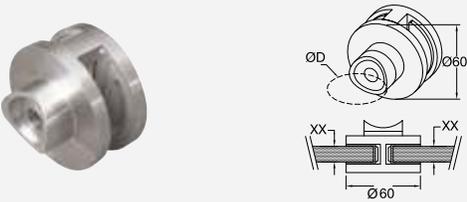
316	304	D (For tube)	
GC.560.XX.16.S		Flat	With Rubber 10 mm
	GC.560.XX.04.S	Flat	With Rubber 10 mm



Half Round Glass Clip Dia 60 mm for Glass 10 mm



316	304	D (For tube)	
GC.550.XX.16.S		Flat	With Rubber 10 mm
	GC.550.XX.04.S	Flat	With Rubber 10 mm



Round Glass Clip Dia 60 mm for Glass 10 mm



316	304	ØD (For tube)	
GC.541.XX.16.S		Flat	
	GC.541.XX.04.S	Flat	
GC.542.XX.16.S		33.7 mm	
	GC.542.XX.04.S	33.7 mm	
GC.543.XX.16.S		42.4 mm	
	GC.543.XX.04.S	42.4 mm	
GC.544.XX.16.S		48.3 mm	
	GC.544.XX.04.S	48.3 mm	
GC.546.XX.16.S		38.1 mm / 1.5 inch	
	GC.546.XX.04.S	38.1 mm / 1.5 inch	
GC.547.XX.16.S		50.8 mm / 2.0 inch	
	GC.547.XX.04.S	50.8 mm / 2.0 inch	



Tube Rest



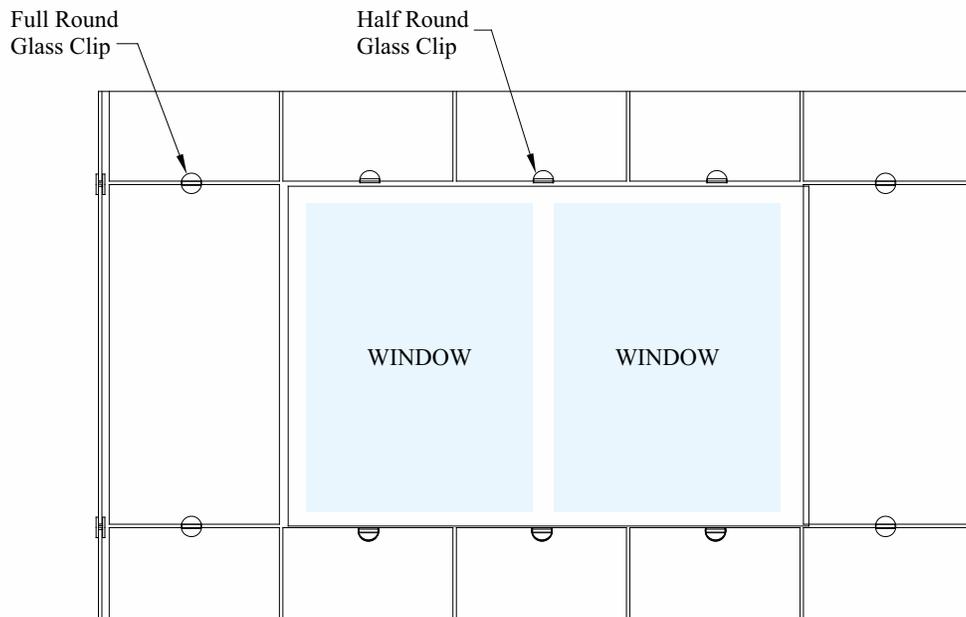
316	304	D (For tube)	
TR.030.01.16.S		Flat	
	TR.030.01.04.S	Flat	
TR.030.02.16.S		33.7 mm	
	TR.030.02.04.S	33.7 mm	
TR.030.03.16.S		42.4 mm	
	TR.030.03.04.S	42.4 mm	
TR.030.04.16.S		48.3 mm	
	TR.030.04.04.S	48.3 mm	
TR.030.06.16.S		38.1 mm / 1.5 inch	
	TR.030.06.04.S	38.1 mm / 1.5 inch	
TR.030.07.16.S		50.8 mm / 2.0 inch	
	TR.030.07.04.S	50.8 mm / 2.0 inch	

ROUND GLASS CLIPS (FULL & HALF)



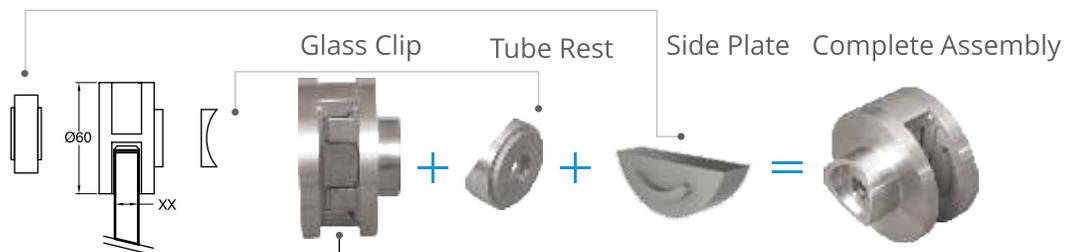
316	304
Part No.	
PL.001.01.16.S	
PL.001.01.04.S	

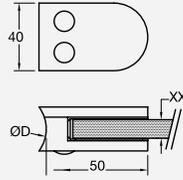
Side Plate



INSTALLATION INSTRUCTION FOR SIDE MOUNT

For Single Sided Glass Mount



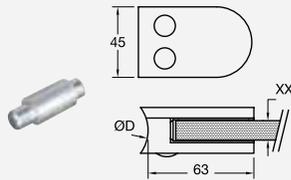


Small D (50 x 40 mm) for Glass 6 to 10.76 mm



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

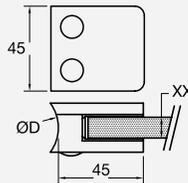


Big D (63 x 45 mm) for Glass 6 to 12.76 mm



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

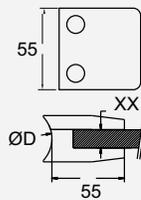


Small Square (45 x45 mm) for Glass 6 to 10.76 mm



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



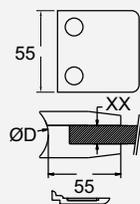
Big Square (55 x 55 mm) for Glass 6 to 10.76 mm



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

GLASS CLIPS ZAMAK (ZINC ALLOY)



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)



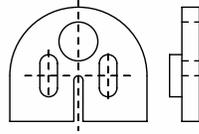
Brass (F)



Rose Gold (E)

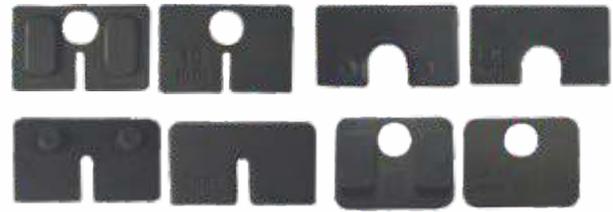


Antique Brass (T)



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.310.04.RB.N	12 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.310.10.RB.N	12.76 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)

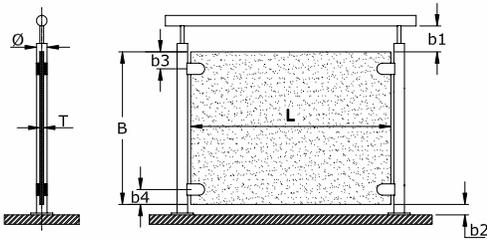
Part No.	XX (For Glass)	For Model
GR.440.11.RB.N	17.52 mm	GC.441/GC.443/GC.444/GC.447
GR.440.12.RB.N	16.76 mm	GC.441/GC.443/GC.444/GC.447
GR.440.13.RB.N	13.52 mm	GC.441/GC.443/GC.444/GC.447
GR.450.19.RB.N	19.76 mm	GC.451/GC.453/GC.454/GC.457
GR.450.15.RB.N	21.52 mm	GC.451/GC.453/GC.454/GC.457



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

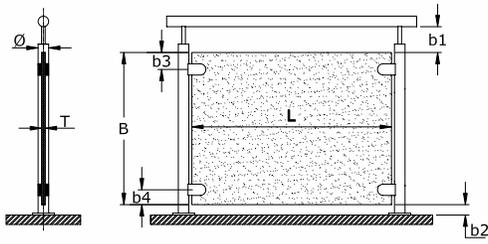
Technical Info



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

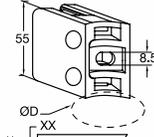
316(V4A), 304(V2A) Zamak	Tube connection	For tubes (Ø)	Glass structure/ Glass type	W(mm)	T(mm)
GC.101.XX.16.S GC.102.XX.16.S GC.103.XX.16.S		Flat 33.7 mm 42.4 mm	VSG/TVG	500-1200 6/8/10/12	6.76/8.76/10.76
GC.301.XX.16.S GC.302.XX.16.S GC.303.XX.16.S		Flat 33.7 mm 42.4 mm	VSG/TVG	500-1200 6/8/10/12	6.76/8.76/10.76
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

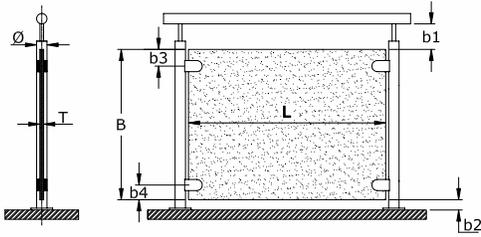
without security pin with security plate

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
	2.200 KN/M ²		500	800	800		800	1000	1400
	1.60 KN/M ²		800	800	1000		1000	1400	1400
	1.40 KN/M ²		800	1000	1200	1000	1200	1400	1400
	1.04 KN/M ²	600	800	1000	1400	1200	1400	1400	1400
	1.00 KN/M ²	800	800	1200	1400	1200	1400	1400	1400
	0.64 KN/M ²	1200	1200	1400	1400	1200	1400	1400	1400

with security pin



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 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

GC.401.XX.16.S GC.403.XX.16.S GC.404.XX.16.S GC.407.XX.16.S		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				
Wind Impact	2.200 KN/M ²	500	800	800	800	500	800	800	800									
1.60 KN/M ²		800	800	1000		800	800	1000			1000	1400	1400					
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				

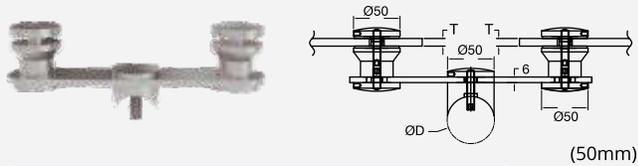
with security pin

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

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



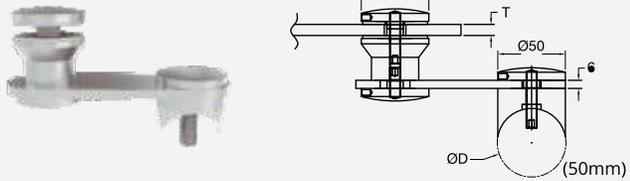
50mm Heavy Duty and 30 mm Light Duty Applications



Two Way Glass Holder with Post Holder dia 50 mm



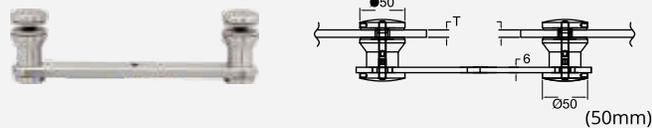
Part No.	ØD (For Tube)	T (Thickness)
GB.002.02.04.S	42.4 mm	8-20 mm
GB.002.03.04.S	48.3 mm	8-20 mm
GB.002.04.04.S	38.1 mm/1.5 inch	8-20 mm
GB.002.05.04.S	50.8 mm/ 2.0 inch	8-20 mm



One Way Glass Holder with Post Holder dia 50 mm



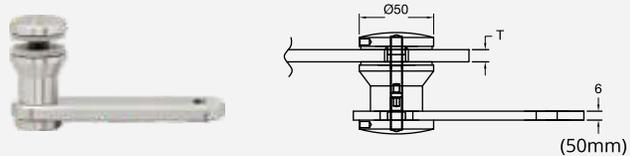
Part No.	ØD (For Tube)	T (Thickness)
GB.020.02.04.S	42.4 mm	8-20 mm
GB.020.03.04.S	48.3 mm	8-20 mm
GB.020.04.04.S	38.1 mm/1.5 inch	8-20 mm
GB.020.05.04.S	50.8 mm/ 2.0 inch	8-20 mm



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



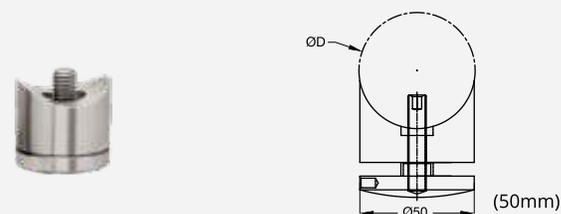
Part No.	T (Thickness)
GB.002.00.04.S	8-20 mm



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



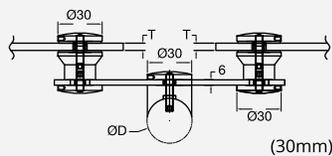
Part No.	T (Thickness)
GB.020.00.04.S	8-20 mm



Post Holder dia 50 mm



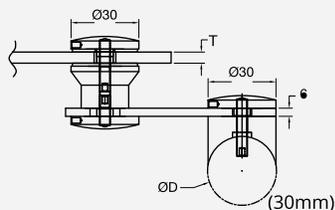
Part No.	ØD (For Tube)
GB.005.02.04.S	42.4 mm
GB.005.03.04.S	48.3 mm
GB.005.04.04.S	38.1 mm / 1.5 inch
GB.005.05.04.S	50.8 mm / 2.0 inch



Two Way Glass Holder with Post Holder dia 30 mm



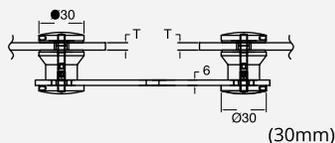
Part No.	ØD (For Tube)	T (Thickness)
GB.003.02.04.S	42.4 mm	6-16 mm
GB.003.03.04.S	48.3 mm	6-16 mm
GB.003.04.04.S	38.1 mm/1.5 inch	6-16 mm
GB.003.05.04.S	50.8 mm/ 2.0 inch	6-16 mm



One Way Glass Holder with Post Holder dia 30 mm



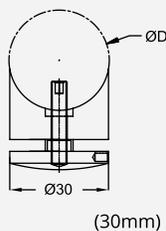
Part No.	ØD (For Tube)	T (Thickness)
GB.030.02.04.S	42.4 mm	6-16 mm
GB.030.03.04.S	48.3 mm	6-16 mm
GB.030.04.04.S	38.1 mm/1.5 inch	6-16 mm
GB.030.05.04.S	50.8 mm/ 2.0 inch	6-16 mm



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



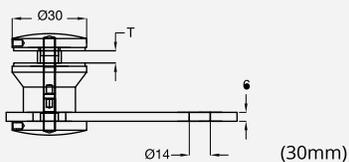
Part No.	T (Thickness)
GB.003.00.04.S	6-16 mm



Post Holder dia 30 mm



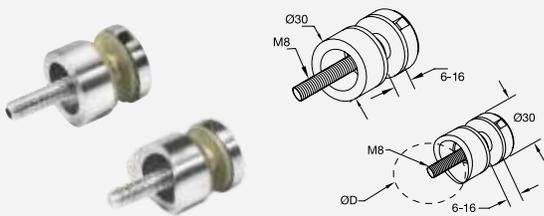
Part No.	ØD (For Tube)
GB.006.02.04.S	42.4 mm
GB.006.03.04.S	48.3 mm
GB.006.04.04.S	38.1 mm / 1.5 inch
GB.006.05.04.S	50.8 mm / 2.0 inch



One Way Holder w/o Post Holder dia 30 mm



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

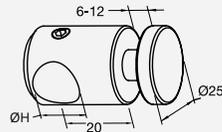


Glass Holder dia 30 mm



Part No.

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.

Part No.	Glass Thickness
GH.025.01.04.S	16 mm



Glass Holder dia 50 mm



Part No.

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



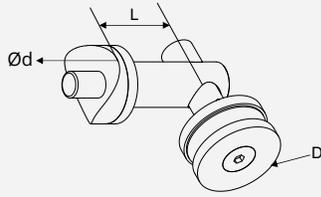
Part No.

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

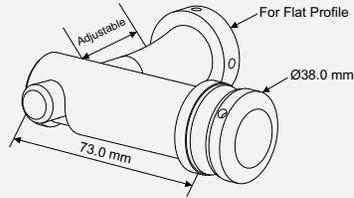
INSTALLATION INSTRUCTIONS





Part No.	Ød	D	L
GHA.051.03.04.S	Ø42.4	51mm	66.5mm
GHA.051.04.04.S	Ø48.3	51mm	66.5mm
GHA.051.07.04.S	Ø50.8	51mm	66.5mm

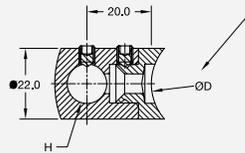
Glass Holder



Part No.	d	D	T
GHA.038.01.04.S	Flat	38 mm	73 mm

Glass Holder

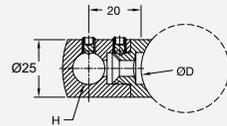




Holder for Flat Post



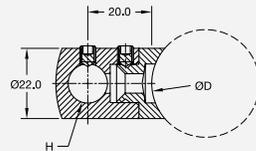
Part No.	ØD (For Tube)	H (For Rod)
HD.001.01.04.S	Flat	10 mm
HD.001.02.04.S	Flat	12 mm
HD.001.03.04.S	Flat	14 mm
HD.001.04.04.S	Flat	12.7 mm/0.5 inch



Big Holder for Round Post



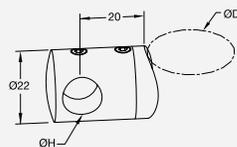
Part No.	ØD (For Tube)	H (For Rod)
HD.026.05.04.S	38.1 mm / 1.5 inch	16 mm
HD.027.05.04.S	50.8 mm / 2.0 inch	16 mm
HD.026.01.04.S	Flat	16 mm
HD.026.03.04.S	42.4 mm	16 mm



Holder for Round Post



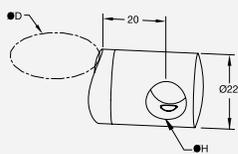
Part No.	ØD (For Tube)	H (For Rod)
HD.002.01.04.S	33.7 mm	10 mm
HD.002.02.04.S	33.7 mm	12 mm
HD.003.01.04.S	42.4 mm	10 mm
HD.003.02.04.S	42.4 mm	12 mm
HD.003.03.04.S	42.4 mm	14 mm
HD.003.04.04.S	42.4 mm	12.7 mm
HD.004.02.04.S	48.3 mm	12 mm
HD.004.01.04.S	48.3 mm	10 mm
HD.004.03.04.S	48.3 mm	14 mm
HD.006.04.04.S	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

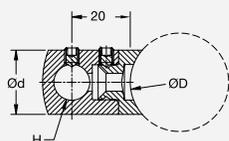


Holder with Blind Hole (Left)



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)

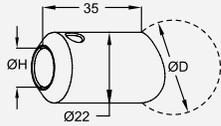


Part No.	ØD (For Tube)	H (For Rod)	Ød (Outer Dia.)
HD.401.01.04.S	Flat	10.0 mm	16 mm
HD.401.02.04.S	Flat	12.0 mm	18 mm
HD.401.03.04.S	Flat	14.0 mm	20 mm
HD.402.01.04.S	33.7 mm	10.0 mm	16 mm
HD.402.02.04.S	33.7 mm	12.0 mm	18 mm
HD.402.03.04.S	33.7 mm	14.0 mm	20 mm
HD.403.01.04.S	42.4 mm	10.0 mm	16 mm
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

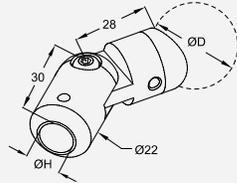
HD.401.01.04.S (Slimline)



Fixed Holder



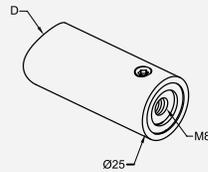
Part No.	ØD (For Tube)	ØH (For Rod)
HD.503.02.04.S	42.4 mm	12.0 mm
HD.503.03.04.S	42.4 mm	14.0 mm
HD.504.02.04.S	33.7 mm	12.0mm
HD.504.03.04.S	33.7 mm	14.0 mm
HD.501.01.04.S	Flat	10.0 mm
HD.501.02.04.S	Flat	12.0 mm
HD.501.03.04.S	Flat	14.0 mm
HD.505.02.04.S	50.8 mm	12.0 mm



Flexible Holder



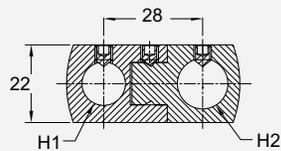
Part No.	ØD (For Tube)	ØH (For Rod)
HD.601.01.04.S	Flat	10.0 mm
HD.601.02.04.S	Flat	12.0 mm
HD.601.03.04.S	Flat	14.0 mm
HD.603.02.04.S	42.4 mm	12.0 mm
HD.603.03.04.S	42.4 mm	14.0 mm
HD.604.02.04.S	33.7 mm	12.0 mm
HD.604.03.04.S	33.7 mm	14.0 mm



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

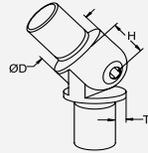


Strap Clip Cross Bar Holder



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

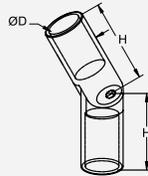
ROD AND TUBE CONNECTORS



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

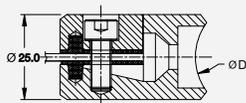


Flexible Connector for Rod



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

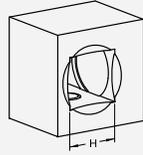
SHEET HOLDERS



Economy Range Holder



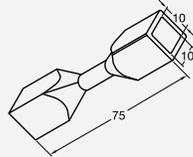
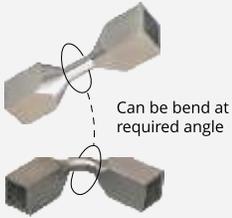
Part No.	ØD (For Tube)
HD.201.01.04.S	Flat
HD.202.01.04.S	33.7 mm
HD.203.01.04.S	42.4 mm
HD.204.01.04.S	48.3 mm
HD.206.01.04.S	38.1 mm/ 1.5 inch
HD.207.01.04.S	50.8 mm/ 2.0 inch



Square Holder



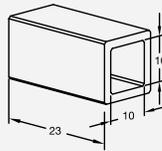
Part No.	S (For Tube)	H (Hole)
ZH.040.40.04.S	Flat	10x10 mm
ZH.040.41.04.S	Flat	12x12 mm
ZH.040.42.04.S	Flat	12.7x12.7 mm



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

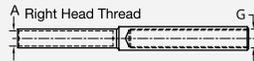




Wire Rope Sizes

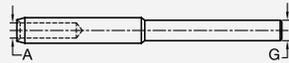
Strand Construction	Item Code	Size of the Wire
 7x7	WC.001.01.04.S	4mm
7x7	WC.003.01.04.S	5mm
7x7	WC.002.01.04.S	6mm

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



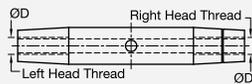
Fitting with Crimping Internal Thread

Part No.	A (For Wire)	G
WR.008.01.04.S	4 mm	M6
WR.008.03.04.S	5 mm	M8
WR.008.02.04.S	6 mm	M8



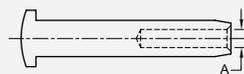
Fitting with Crimping External Thread

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



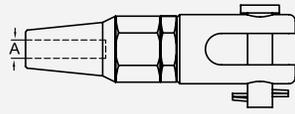
Turn Buckle Left & Right Hand Thread

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



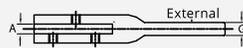
Dome Head Terminal

Part No.	A
WR.011.01.04.S	4 mm
WR.011.03.04.S	5 mm
WR.011.02.04.S	6 mm



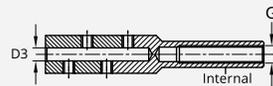
Knuckle Joint

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



Fitting with Grub Screw External Thread

Part No.	A (For Wire)	G
WR.014.01.04.S	4 mm	M6
WR.014.03.04.S	5 mm	M6
WR.014.02.04.S	6 mm	M6



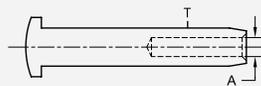
Fitting with Grub Screw Internal Thread

Part No.	D3 (For Wire)
WR.015.01.04.S	4 mm
WR.015.03.04.S	5 mm
WR.015.02.04.S	6 mm



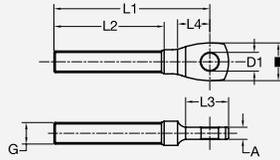
Spacer

Part No.	A (For Wire)
WR.016.01.04.S	4 mm
WR.016.02.04.S	6 mm



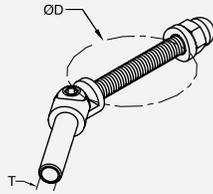
Dome Head Terminal Threaded

Part No.	A (For Thread)
WR.017.01.04.S	M6
WR.017.02.04.S	M8



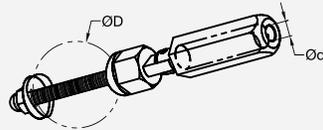
Eye Bolt

Part No.	G	D1
WR.012.01.04.S	M6	5.5 mm
WR.012.02.04.S	M8	6.6 mm



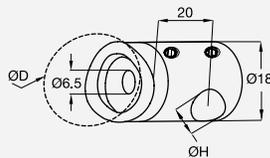
Fitting with Crumpling Adjustable

Part No.	T	ØD
WR.103.02.04.S	4 mm	42.4 mm
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
WR.105.03.04.S	5 mm	38.1 mm/1.5 inch
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



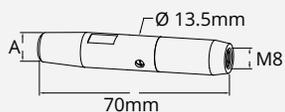
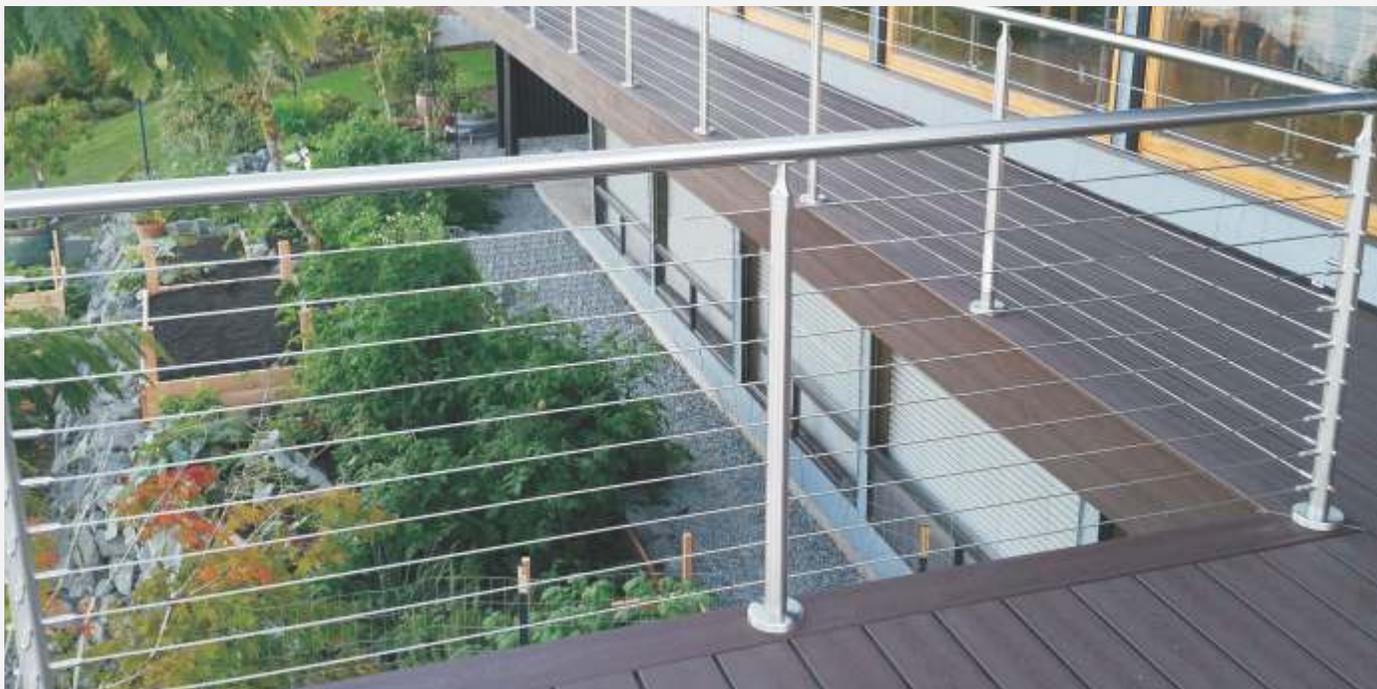
Fitting with Grub Screw Adjustable(Hexagon)

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



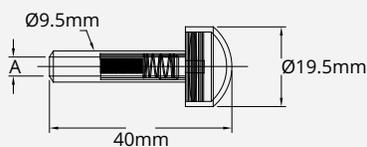
Wire Rope Holder

Part No.	ØD (For Tube)	ØH(For Wire)
WH.002.01.04.S	Flat	4 mm
WH.002.02.04.S	33.7 mm	4 mm
WH.002.03.04.S	42.8 mm	4 mm
WH.002.04.04.S	48.3 mm	4 mm
WH.002.06.04.S	38.1 mm / 1.5 inch	4 mm
WH.002.07.04.S	50.8 mm / 2 inch	4 mm
WH.003.01.04.S	Flat	5 mm
WH.003.02.04.S	33.7 mm	5 mm
WH.003.03.04.S	42.8 mm	5 mm
WH.003.04.04.S	48.3 mm	5 mm
WH.003.06.04.S	38.1 mm / 1.5 inch	5 mm
WH.003.07.04.S	50.8 mm / 2 inch	5 mm
WH.004.01.04.S	Flat	6 mm
WH.004.02.04.S	33.7 mm	6 mm
WH.004.03.04.S	42.8 mm	6 mm
WH.004.04.04.S	48.3 mm	6 mm
WH.004.06.04.S	38.1 mm / 1.5 inch	6 mm
WH.004.07.04.S	50.8 mm / 2 inch	6 mm



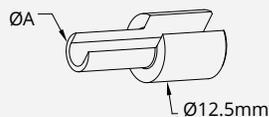
Push Lock Round

Part No.	For Cable Size (A)
WRP.101.02.04.S	Ø4mm
WRP.101.04.04.S	Ø6mm
WRP.101.51.04.S	Ø1/8"
WRP.101.52.04.S	Ø3/16"



Push Lock Pin Type

Part No.	For Cable Size (A)
WRP.103.02.04.S	Ø4mm
WRP.103.04.04.S	Ø6mm
WRP.103.51.04.S	Ø1/8"
WRP.103.52.04.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"



Frameless Glass Railing

Dry Glaze Channel, Standoff, Spigots

5



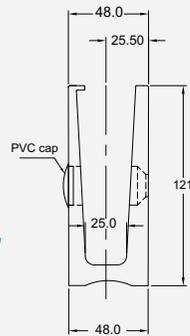
Top Mount Aluminum Channel



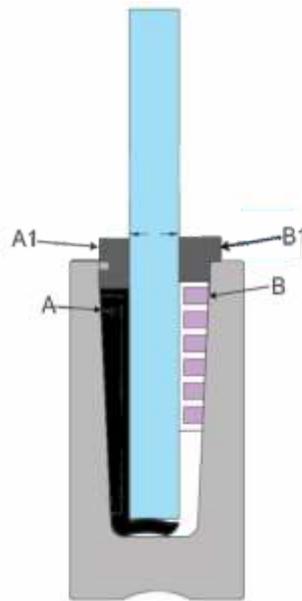
Part No.	Length
ETP.002.01.ALA	2.5 M



Side Mount Aluminum Channel



Part No.	Length
ETP.002.11.ALA	2.5 M



Plastic Wedge Selection Chart for 1.5 kN Dry Glaze Channel



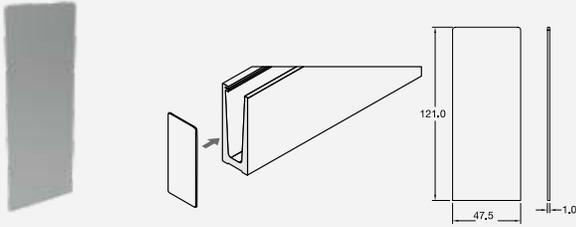
Standard Plastic Wedge (A) (4 pcs. per meter)	Glass Size	Plastic Shim (B) (4 pcs. per meter)
PSW.002.00.PL.N 12 to 20.76 mm Glass	12 mm / 12.76 mm	PSG.002.04.PL.N ■
	17.52 mm	PSG.002.11.PL.N ■
	20.76 mm	PSG.002.13.PL.N ■

Rubber Selection Chart for 1.5 kN Dry Glaze Channel



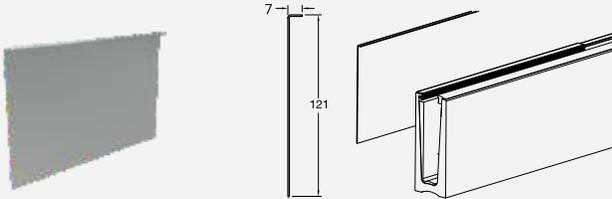
Standard Rubber (A1)	Glass Size	Rubber (B1)
ETR.002.00.RB.N 12 to 20.76 mm Glass	12 mm / 12.76 mm	ETR.001.04.RB.N
	17.52 mm	ETR.001.11.RB.N
	20.76 mm	ETR.001.13.RB.N

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



End Cover

Part No.	Design
EC.001.01.04.S	End Cladding



Both Side SS Cladding with Satin Finish

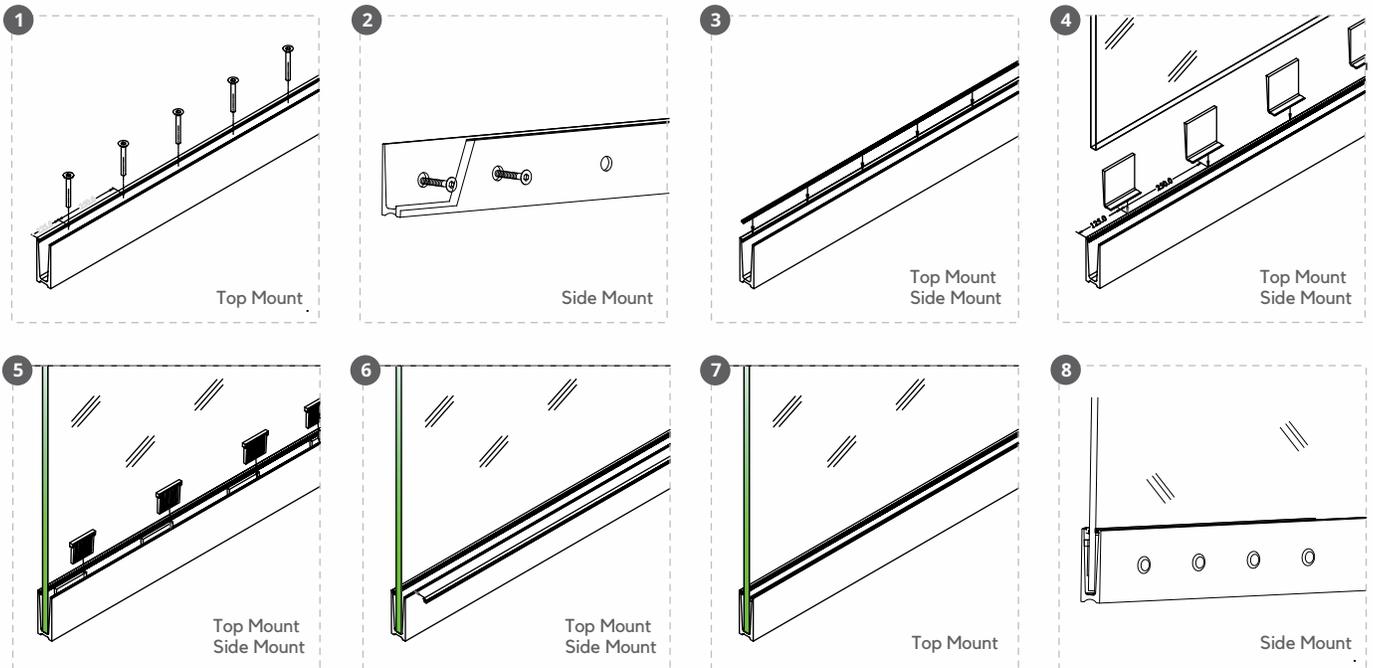
Part No.
RC.001.01.04.S



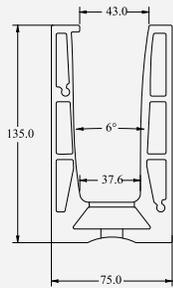
Shim Hammer

Part No.
PSH.001.00.00.N

INSTALLATION INSTRUCTIONS FOR TOP MOUNT & SIDE MOUNT

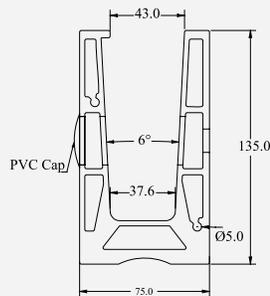


3 kN DRY GLAZE CHANNEL



Part No.	Length
ETP.006.01.AL.A	2.5 M

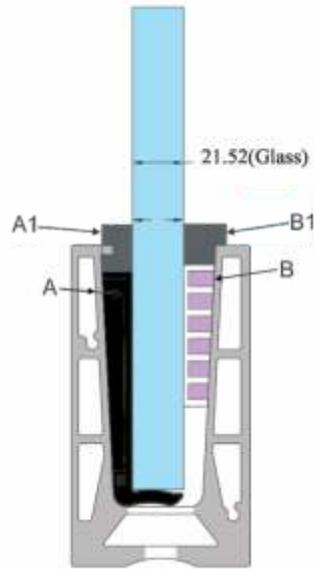
3 kN Dry Glaze Channel (Top Mount)



Part No.	Length
ETP.006.11.AL.A	2.5 M

3 kN Dry Glaze Channel (Fascia Mount)





Plastic Wedge Selection Chart for 3 kN Dry Glaze Channel



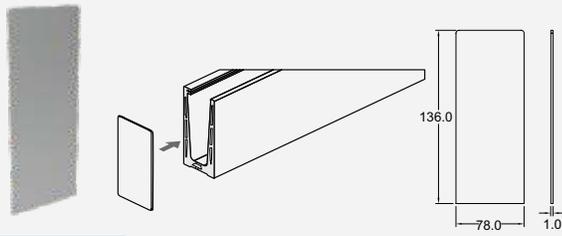
Standard Plastic Wedge (A) (4 pcs. per meter)	Glass Size	Plastic Shim (B) (4 pcs. per meter)
PSW.006.00.PL.N 17.52 to 21.52 mm Glass	17.52 mm	PSG.006.11.PL.N ■
	19.52 mm	PSG.006.13.PL.N ■
	20.76 mm/ 21.52 mm	PSG.006.15.PL.N ■
PSW.002.00.PL.N 25.52 to 27 mm Glass	25.52 mm	PSG.006.16.PL.N ■
	27 mm	PSG.006.17.PL.N ■

Rubber Selection Chart for 3 kN Dry Glaze Channel



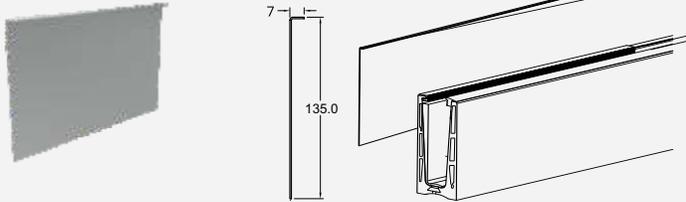
Standard Rubber (A1)	Glass Size	Rubber (B1)
ETR.006.00.RB.N 17.52 to 21.52 mm Glass	17.52 mm	ETR.006.11.RB.N
	19.52 mm	ETR.001.04.RB.N
	20.76 mm/ 21.52 mm	ETR.001.09.RB.N
ETR.002.00.RB.N 25.52 to 27 mm Glass	25.52 mm	ETR.001.04.RB.N
	27 mm	ETR.001.09.RB.N

All accessories used for both 3kN Top mount and Side mount Dry Glaze Channel



End Cover

Part No.	Design
EC.006.01.04.S	End Cover



Both Side SS Cladding with Satin Finish

Part No.
RC.006.01.04.S



Shim Hammer

Part No.
PSH.001.00.00.N

DIFFERENT FINISHES AVAILABLE IN ALUMINUM CHANNEL



RAW FINISH



ANODIZED FINISH



SATIN FINISH WITH
SS CLADDING



WHITE



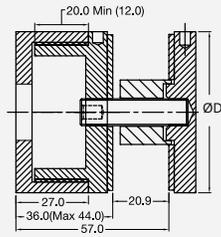
BLACK

POWDER COATED FINISH



WOOD PVDF FINISH

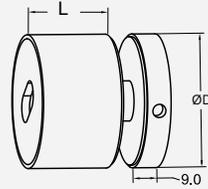
GLASS HOLDER (STANDOFF)



Adjustable Standoff 60 mm



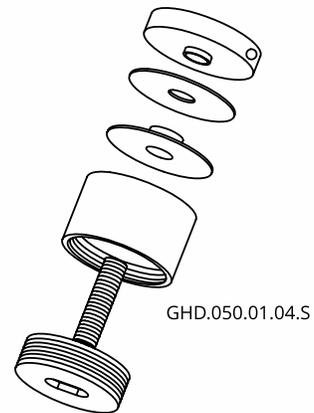
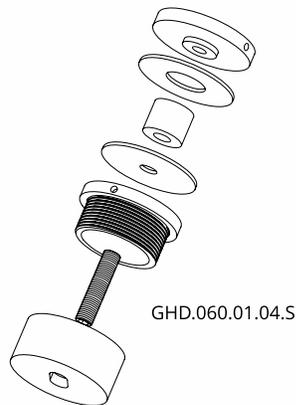
Part No.	ØD
GHD.060.01.04.S	60 mm (adjustable upto 8mm)
GHD.060.02.04.S	60 mm (adjustable upto 13mm)



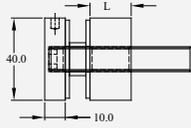
Adjustable Standoff 50 mm



Part No.	ØD	L (Length)
GHD.050.01.04.S	50mm	50mm
GHD.050.03.04.S	50mm	30mm



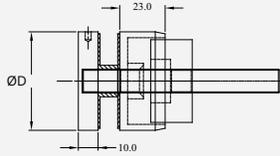
GLASS HOLDER (STANDOFF)



Square Standoff for Glass



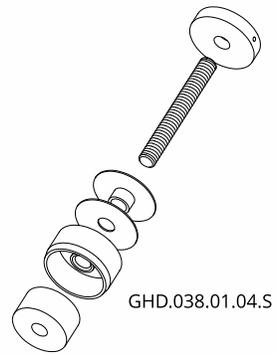
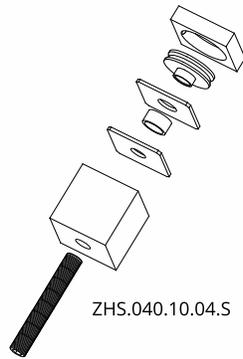
Part No.	Size	L (Length)
ZHS.040.10.04.S	40x40mm	10mm
ZHS.040.20.04.S	40x40mm	20mm
ZHS.040.30.04.S	40x40mm	30mm
ZHS.040.40.04.S	40x40mm	40mm



Round Standoff for Glass

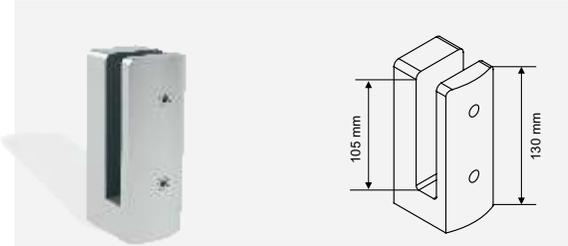


Part No.	Size
GHD.038.01.04.S	38mm
GHD.050.12.04.S	50mm



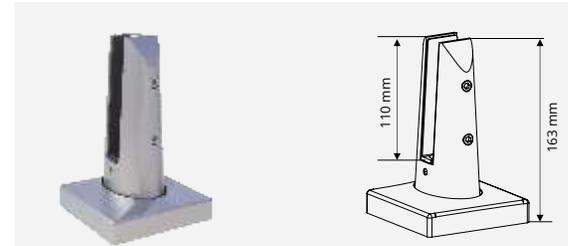
SPIGOTS RANGE





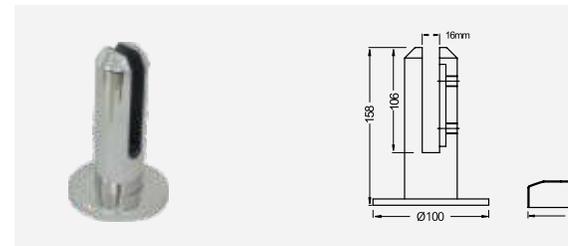
Part No.	Height	Glass Size
SGD.101.01.16.S	130 mm	12-17.52 mm

Fascia Mount Spigot (1.5 kN)

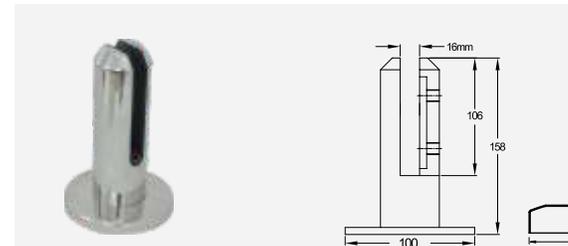
Part No.	Height	Glass Size
SGO.101.01.16.S	163 mm	12-17.52 mm

Oval shaped Friction Spigot (3 kN)

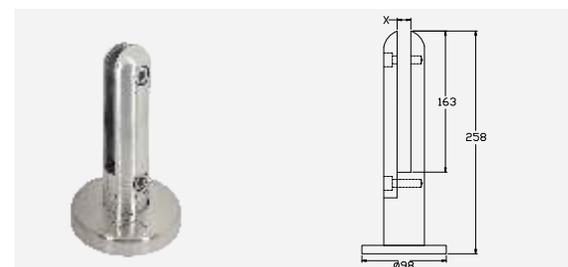
Part No.	Height	Glass Size
SGR.101.12.16.S	158 mm	10 - 12 mm

Round Friction Spigot (1.5 kN)

Part No.	Height	Glass Size
SGR.102.01.16.S	158 mm	10 - 17.52 mm

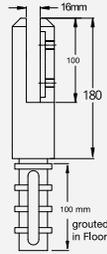
Round Friction Spigot (3 kN)

Part No.	Height	Glass Size
SPG-102-S6	170 mm	10 - 12 mm

Round Spigot (Hole in Glass) (1.5 kN)

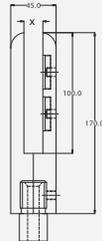




Round Friction Grouted Spigot (1.5 kN)



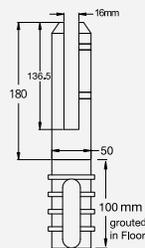
Part No.	Height	Glass Size
SGR.201.01.16.S	180 mm	10 - 12.76 mm



Round Grouted Spigot (Hole in Glass)(1.5 kN)



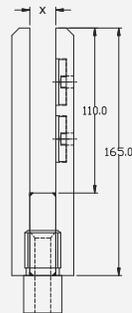
Part No.	Height	Glass Size
SPG-104-S6	170 mm	10- 12 mm



Square Friction Grouted (1.5 kN)



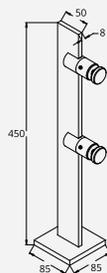
Part No.	Height	Glass Size
SGS.201.01.16.S	180 mm	10-12.76 mm



Square Friction Grouted (1.5 kN)



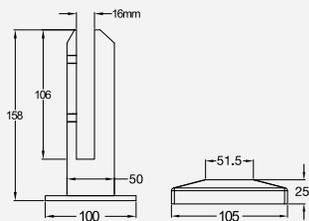
Part No.	Height	Glass Size
SPG-103-S6	165 mm	10 - 12 mm



Mini Post



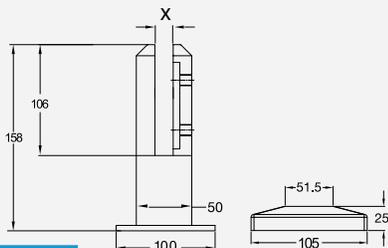
Part No.	Height	T(Thickness)
BP.104.01.04.S	450 mm	8 mm



Square Friction Spigot (1.5 kN)



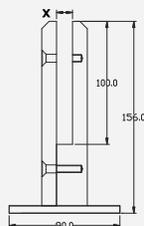
Part No.	Height	Glass Size
SGS.102.12.16.S	158 mm	10- 12 mm



Square Friction Spigot (3 kN)



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



Square Spigot (Hole in Glass)(1.5 kN)



Part No.	Height	Glass Size
SPG-101	156 mm	10 - 12 mm

Spigots are also available with PVD Technology



Rose Gold



Black



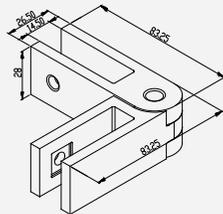
Yellow



Golden



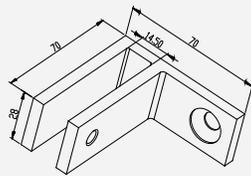
Rainbow



Flexible Stiffener



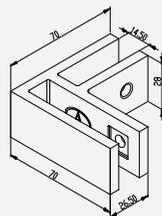
Part No.	For Glass
SF.100.00.00.S	10 to 12.76 mm



Wall Mount Glass Stiffener



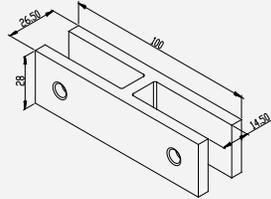
Part No.	For Glass
SF.101.00.00.S	10 to 12.76 mm



90° Stiffener



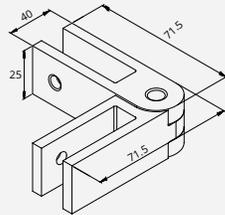
Part No.	For Glass
SF.103.00.00.S	10 to 12.76 mm



180° Stiffener



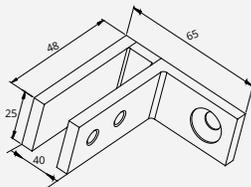
Part No.	For Glass
SF.105.00.00.S	10 to 12.76 mm



Flexible Stiffener



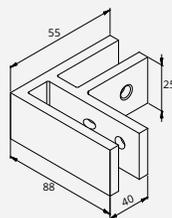
Part No.	For Glass
SF.100.02.04.S	16.76 - 21.52



Wall Mount Glass Stiffener



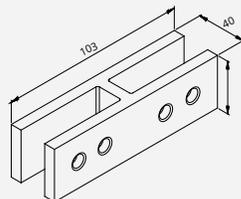
Part No.	For Glass
SF.101.02.04.S	16.76 - 21.52



90° Stiffener



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



180° Stiffener

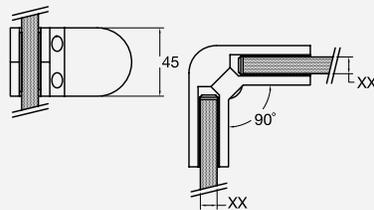


Part No.	For Glass
SF.105.02.04.S	16.76 - 21.52



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
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

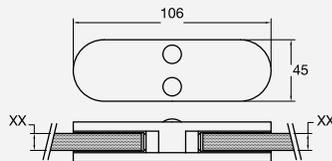
GLASS CONNECTOR



Glass Connector 90°



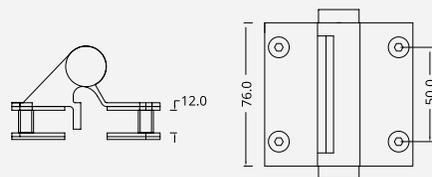
Part No.	For Glass
GC.014.XX.16.S	8 to 12 mm



Glass Connector 180°



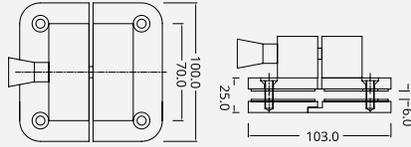
Part No.	For Glass
GC.015.XX.16.S	8 to 12 mm



Self Locking Hinges

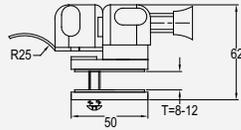


Part No.
SLH-101(16.S)



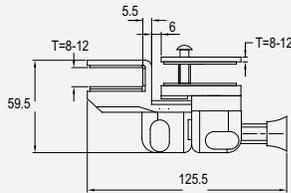
Part No. _____
MGL-001(04.S)

Magnetic Lock



Part No. _____
MGL.003.16.S Glass to Post

Magnetic Security Lock

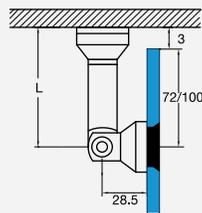


Part No. _____
MGL.002.16.S Glass to Glass 180°

Magnetic Security Lock

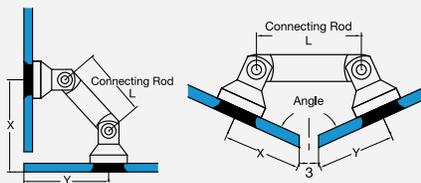


GLASS FITTINGS



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

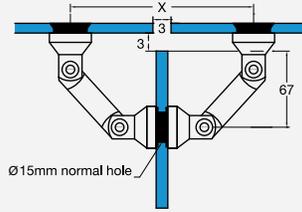
Wall to Glass



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

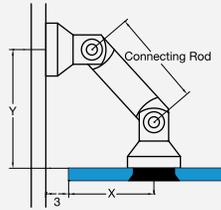
Glass to Glass with Connecting Rod





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

Glass to Glass through Clamping



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

Wall to Glass Flexible



CORNER CONNECTION - SURFACE TO GLASS			
Angle	Connecting Rod Length in MM		
90°	52.5	60	82
	X/Y	X/Y	X/Y
	67/65	72/70	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



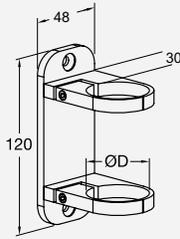


Base Mounting

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

6

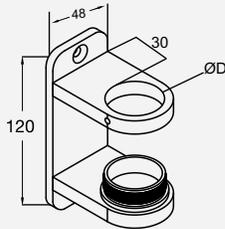
UPRIGHT CLAMP (FASCIA MOUNT)



Rectangular Upright Clamp



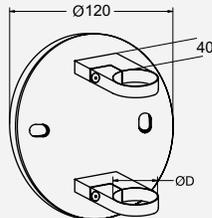
Part No.	ØD(For Tube)
UC.012.02.04.S	33.7 mm
UC.012.03.04.S	42.4 mm
UC.012.04.04.S	48.3 mm
UC.012.06.04.S	38.1 mm / 1.5 inch
UC.012.07.04.S	50.8 mm / 2.0 inch



Rectangular Upright Clamp



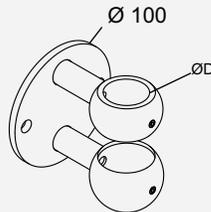
Part No.	ØD(For Tube)
UC.012.13.04.S	42.4 mm



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

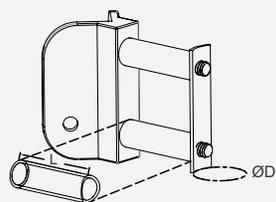


Part No.	ØD(For Tube)
UCR.005.03.04.S	42.4 mm

INSTALLATION INSTRUCTIONS

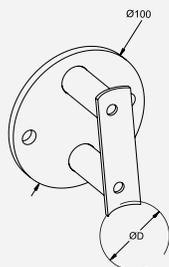


UPRIGHT CLAMP (FASCIA MOUNT)



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 Corner 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

Upright Clamp Side Fit Bush



INSTALLATION INSTRUCTIONS

- 

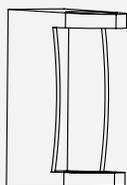
Upright Clamp
- 

Put thread hole pipe on screw.
- 

View after put the pipe on screw adjust bottom tubes according to radius fitting
- 

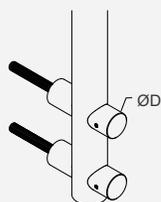
Insert long HRA in pipe on screw.
- 

Final View



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

Round Fascia Mount Bracket

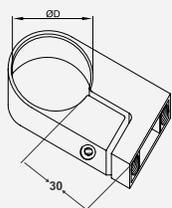


Part No.	ØD(For Tube)
UC.013.03.04.S	42.4 mm
UC.013.06.04.S	38.1 mm / 1.5 inch

Fascia Mount Round Bracket



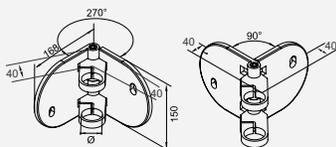
UPRIGHT CLAMP (FASCIA MOUNT)



Side Fit Clamp



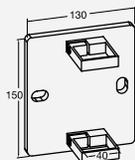
Part No.	ØD(For Rod)
UC.003.02.04.S	33.7 mm
UC.003.03.04.S	42.4 mm
UC.003.04.04.S	48.3 mm
UC.003.06.04.S	38.1 mm / 1.5 inch
UC.003.07.04.S	50.8 mm / 2.0 inch



Rotating Clamp



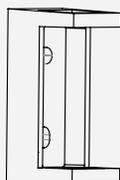
Part No.	ØD(For Tube)
UC.002.12.04.S	33.7 mm
UC.002.13.04.S	42.4 mm
UC.002.14.04.S	48.3 mm
UC.002.16.04.S	38.1 mm / 1.5 inch
UC.002.17.04.S	50.8 mm / 2.0 inch



Side Mount Upright Clamp



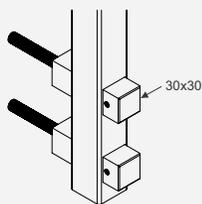
Part No.	D
ZC.040.41.04.S	40 x 40 mm



Square Fascia Mount Bracket



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

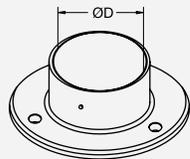


Fascia Mount Square Bracket



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

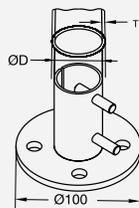
UPRIGHT CLAMP (TOP MOUNT)



Upright Clamp Base Fit



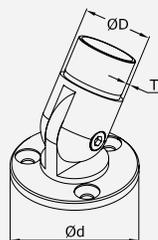
Part No.	ØD(For Tube)
UC.001.02.04.S	33.7 mm
UC.001.03.04.S	42.4 mm
UC.001.04.04.S	48.3 mm
UC.001.06.04.S	38.1 mm / 1.5 inch
UC.001.07.04.S	50.8 mm / 2.0 inch



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

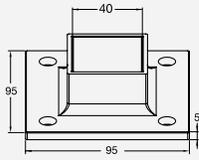


Part No.	ØD(For Tube)	T(Thickness)	Ød(For Plate)
UC.801.01.04.S	33.7 mm	2.0 mm	80 mm
UC.802.01.04.S	42.4 mm	2.0 mm	80 mm
UC.802.02.04.S	42.4 mm	2.6 mm	80 mm
UC.803.01.04.S	48.3 mm	2.0 mm	100 mm
UC.803.02.04.S	48.3 mm	2.6 mm	100 mm
UC.804.03.04.S	38.1 mm / 1.5 inch	1.5 mm	80 mm
UC.805.03.04.S	50.8 mm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

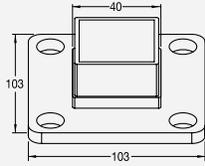
- Upright Clamp
- Insert Pipe in Upright Clamp center hole
- View after Pipe inserted in Upright Clamp center hole
- Tighten to Grub screw in Upright Clamp thread hole with L-key
- Final View Pipe fitting in Upright Clamp

UPRIGHT CLAMP (TOP MOUNT)



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

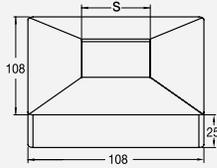
Square Upright Clamp Base Fit



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

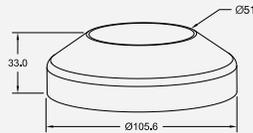
Weldable Plate Square with O Ring





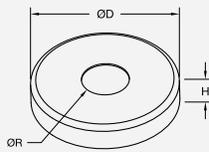
Square Base Cover Plate

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



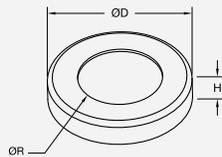
Cover Plate in Conical Shape

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

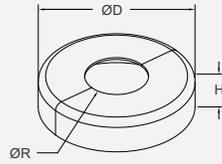


Cover Plate for Post

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



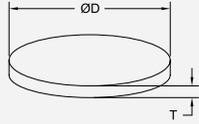


Split Cover



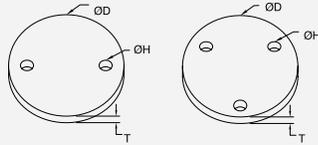
Part No.	ØD	ØR(Centre Hole)	H(Thickness)	T
PCH.105.01.04.S	105 mm	42.4 mm	25.0 mm	1.5 mm
PCH.105.03.04.S	105 mm	48.3 mm	25.0 mm	1.5 mm
PCH.105.04.04.S	105 mm	50.8 mm / 2.0 inch	25.0 mm	1.5 mm
PCH.105.02.04.S	105 mm	38.1 mm / 1.5 inch	25.0 mm	1.5 mm
PCH.125.01.04.S	125 mm	42.4 mm	25.0 mm	1.5 mm
PCH.125.03.04.S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





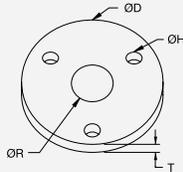
Base Plate w/o Hole

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



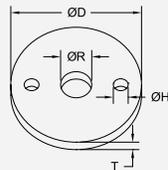
Base Plate with Hole

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



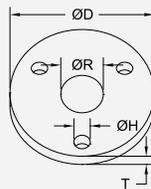
Base Plate with Hole

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

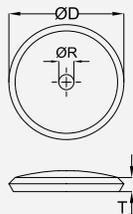


Big Base Plate with Holes

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



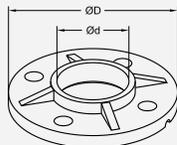
Curved Plate



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



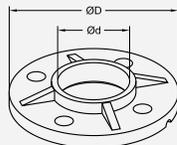
Weldable Base Plate with dia 100 mm



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



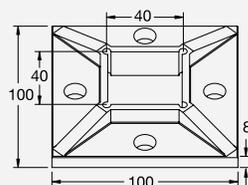
Weldable Base Plate with dia 120 mm



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



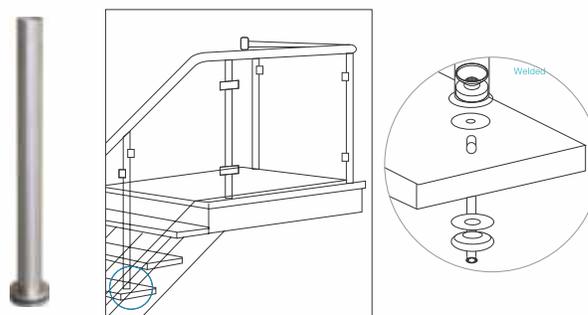
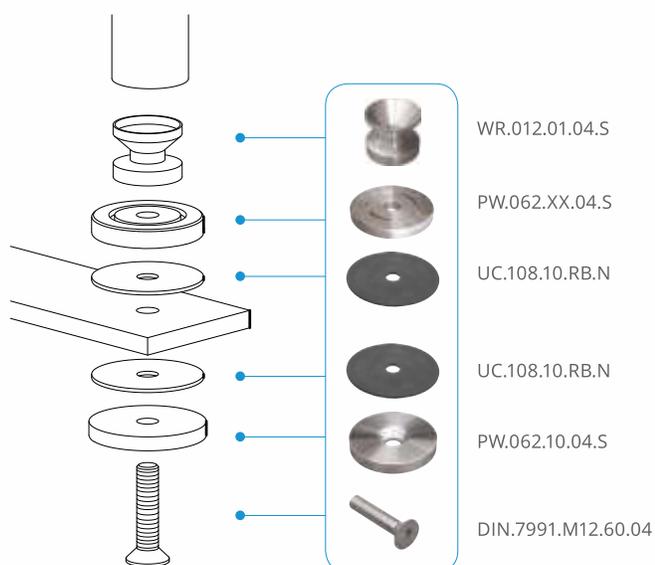


Upright Clamp Split Type



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

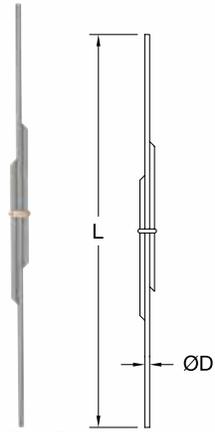




Decorative Pickets

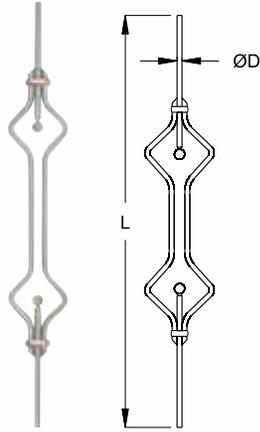
Pickets, Balls

7



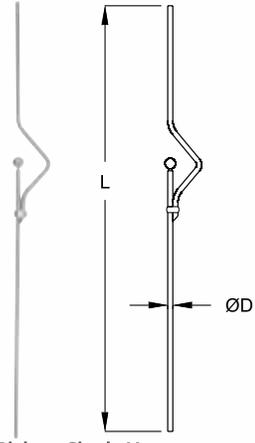
Pickets Two Bar

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



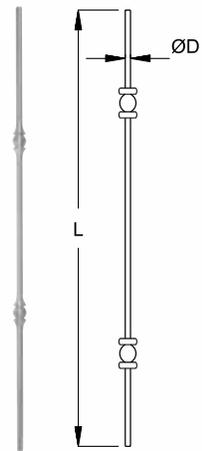
Pickets Four V

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



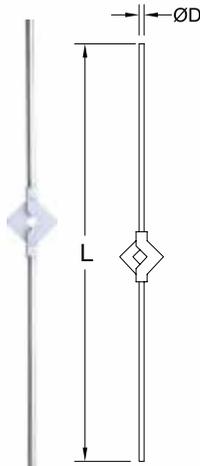
Pickets Single V

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



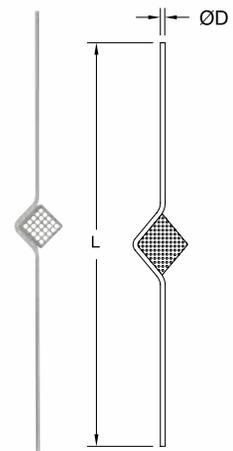
Pickets with Two Stud

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



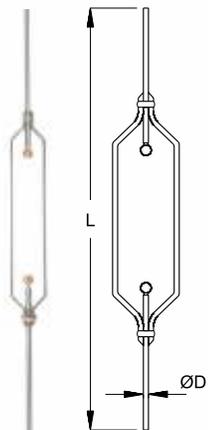
Pickets with Hole in Square Pattern

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



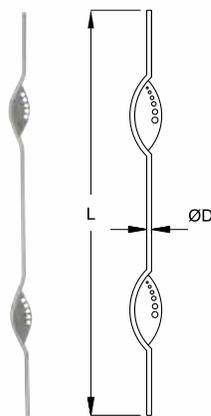
Pickets Single V with Portorated Sheet

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



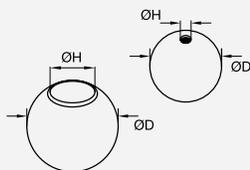
Pickets in Hexagon Shape

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



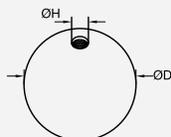
Pickets of Double arc Pattern

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



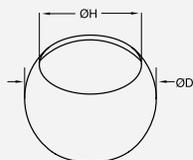
Solid Ball

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

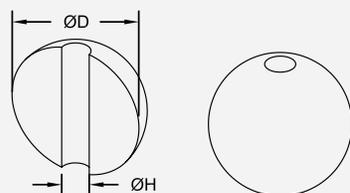
Part No.	ØD (Ball Dia)	ØH (For Thread)
BH.040.02.04.S	40 mm	M8
BH.050.02.04.S	50 mm	M8
BH.060.03.04.S	60 mm	M8
BH.070.03.04.S	70 mm	M8
BH.080.03.04.S	80 mm	M10
BH.090.04.04.S	90 mm	M10
BH.100.04.04.S	100 mm	M10
BH.120.04.04.S	120 mm	M10
BH.150.05.04.S	150 mm	M14
BH.200.05.04.S	200 mm	M14



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

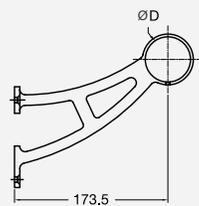




Stainless Steel Bar Accessories

Footrail Brackets, Footrail Tube Supports,
Shelf Supports

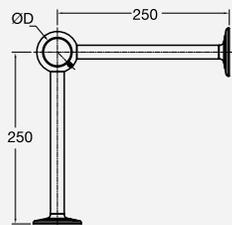
8



Round for Wall



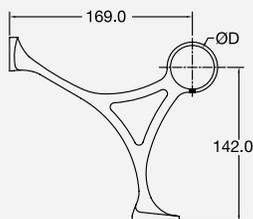
Part No.	ØD	CD
RF001.11.04.S	40.0 mm	156.5 mm
RF001.17.04.S	50.8 mm	173.5 mm



Round for Floor & Wall



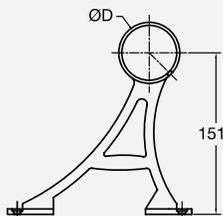
Part No.	ØD	CD
RF002.11.04.S	40.0 mm	250 mm
RF002.17.04.S	50.8 mm	250 mm



Wall Brackets



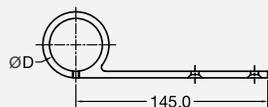
Part No.	ØD	CD (D1)	CD (D2)
RF003.11.04.S	40.0 mm	142 mm	169 mm
RF003.17.04.S	50.8 mm	142 mm	169 mm



Floor Brackets



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

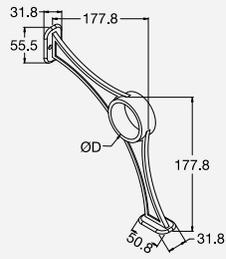


Single Wall to Floor Brackets



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

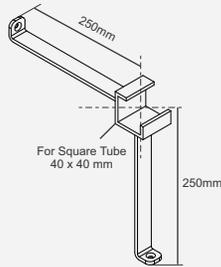
FOOTRAIL BRACKETS



Wall to Floor Brackets



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

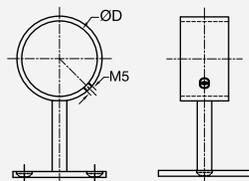


Square for Floor & Wall



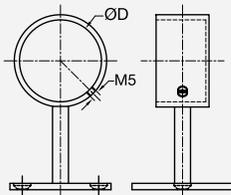
Part No.	For Square Tube
RFA.002.11.04.S	40 x 40 mm





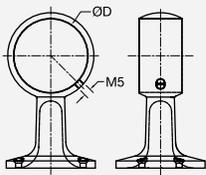
Part No.	ØD	CD
TFR.001.11.04.S	40.0 mm	81mm
TFR.001.06.04.S	38.1 mm	81mm
TFR.001.07.04.S	50.8 mm	81mm

Tube with Ring Through Hole Support



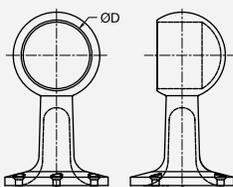
Part No.	ØD	CD
TFR.002.11.04.S	40.0 mm	64 mm
TFR.002.06.04.S	38.1 mm	64 mm
TFR.002.07.04.S	50.8 mm	81 mm

Tube Support with Ring Decorative Through Blind Hole



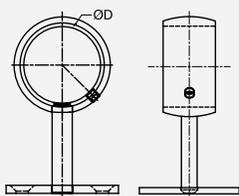
Part No.	ØD	CD
TFR.005.11.04.S	40.0 mm	83.6 mm
TFR.005.06.04.S	38.1 mm	83.6 mm
TFR.005.07.04.S	50.8 mm	83.6 mm

Tube Support with Blind 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

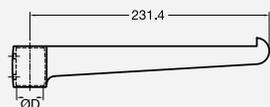
Tube Support with Curved Ring Through Hole



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

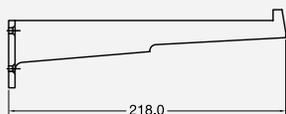
Tube Support with Ring Decorative Through Hole





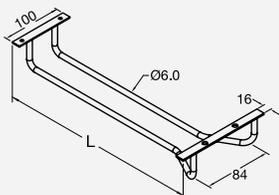
Self Support for Tube

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



Self Support for Wall

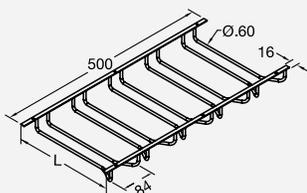
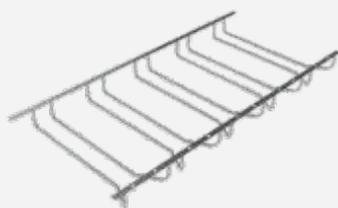
Part No.	L
GP002.01.04.S	218.0 mm



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

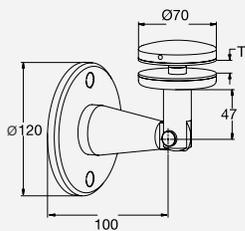




Canopy System

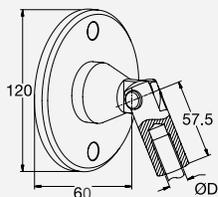
9

CANOPY SYSTEM (HEAVY DUTY WITH ROUND PLATE)



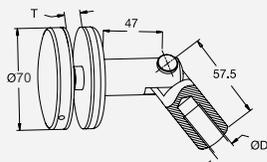
Part No.	T (Glass Thickness)
CN.001.01.16.S	12-20 mm

Wall to Glass Round Plate



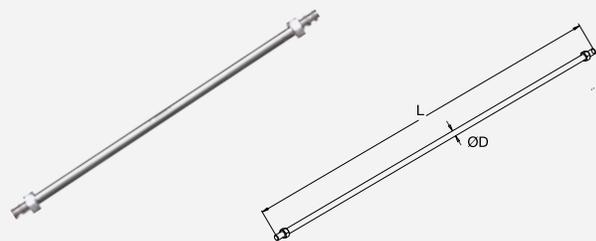
Part No.	ØD (For Rod)
CN.002.01.16.S	M12

Wall to Rod with Round Plate



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

Glass to 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

Connecting Rod

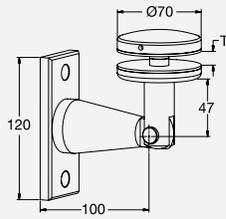


2 sets of canopy system are used for Glass Thickness 12.76 mm

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

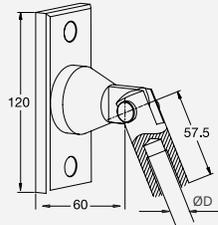
*Tested to 400 kg per sq. meter dead load 

CANOPY SYSTEM (HEAVY DUTY WITH RECTANGULAR PLATE)



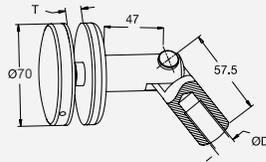
Part No.	T (Glass Thickness)
CN.001.02.16.S	12-20 mm

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



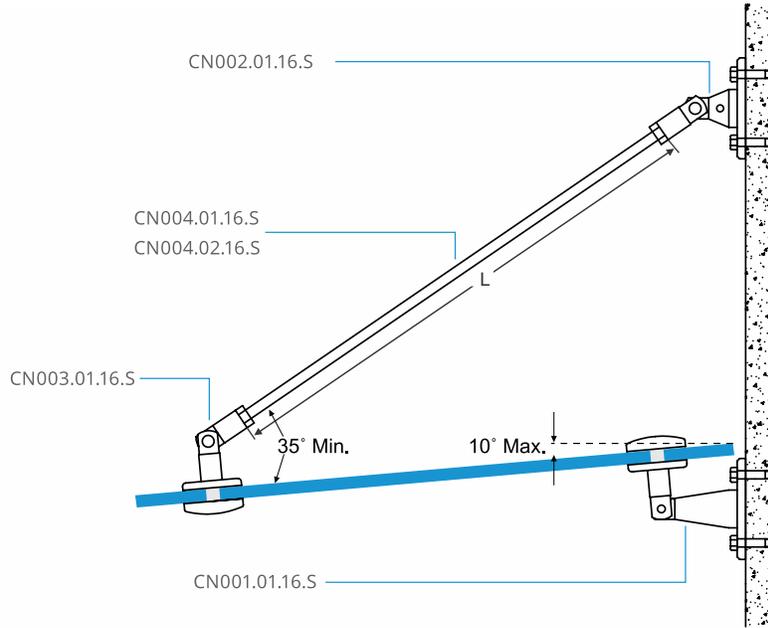
Part No.	ØD (Bar Dia)	L (Length)
CN.004.01.16.S	12 mm	940 mm
CN.004.02.16.S	12 mm	1500 mm

Connecting Rod



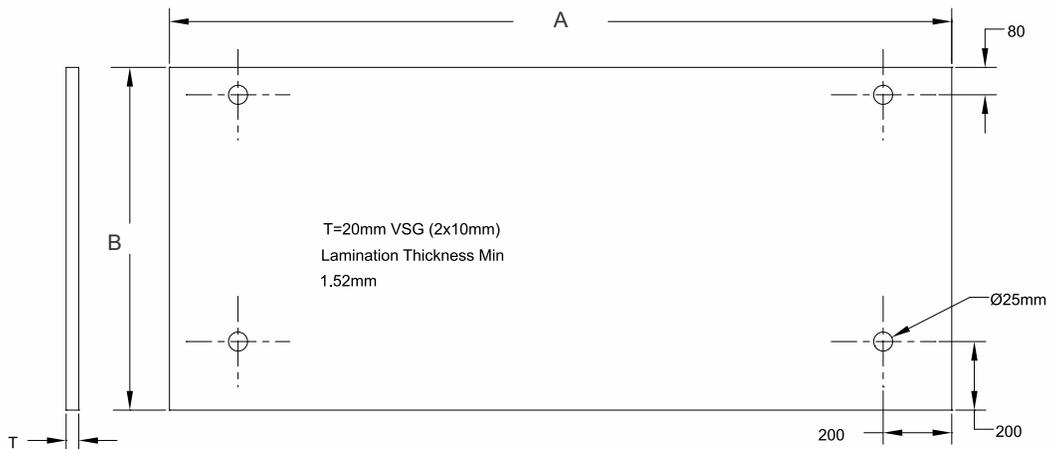
Canopy System Set
 Wall to Glass 2x
 Wall to Rod 2x
 Glass to Rod 2x
 Connecting Rod 2x

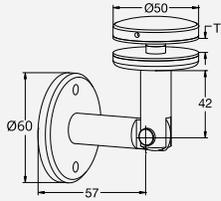
*Tested to 400 kg per sq. meter dead load **TUV NORD**



CANOPY SYSTEMS (HEAVY DUTY) SELECTION CHART

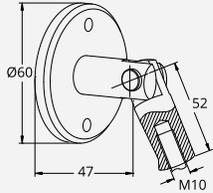
Glass Dimension		Rod length		
A	B	L	Glass Thickness	Sets
1200 mm	1000 mm	940 mm	12.76 mm	2
1400 mm	1000 mm	940 mm	12.76 mm	2
2100 mm	1000 mm	940 mm	12.76 mm	3
2600 mm	1000 mm	940 mm	12.76 mm	4
3000 mm	1000 mm	940 mm	12.76 mm	4
1400 mm	1000 mm	940 mm	17.76 mm	2
2100 mm	1000 mm	940 mm	17.76 mm	2
2600 mm	1000 mm	940 mm	17.76 mm	3
3000 mm	1000 mm	940 mm	17.76 mm	4
1400 mm	1000 mm	940 mm	21.76 mm	2
2100 mm	1000 mm	940 mm	21.76 mm	2
2600 mm	1000 mm	940 mm	21.76 mm	3
3000 mm	1000 mm	940 mm	21.76 mm	3
2100 mm	1200 mm	1500 mm	17.76 mm	2
2600 mm	1200 mm	1500 mm	17.76 mm	3
3000 mm	1200 mm	1500 mm	17.76 mm	3
2100 mm	1200 mm	1500 mm	21.76 mm	2
2600 mm	1200 mm	1500 mm	21.76 mm	3
3000 mm	1200 mm	1500 mm	21.76 mm	3





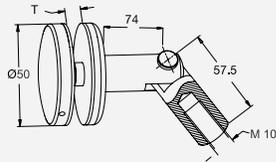
Part No.	T (Glass Thickness)
CN.001.11.16.S	8-12 mm

Wall to Glass dia 50 mm



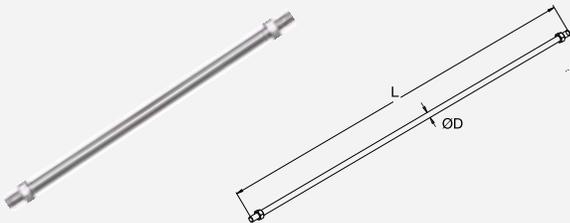
Part No.	ØD (For Rod)
CN.002.11.16.S	M10

Wall to Rod



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

Glass to Rod with dia 50 mm



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

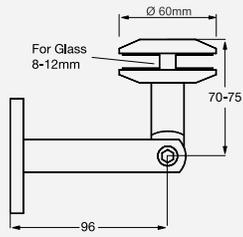
Connecting Rod



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 **TUV NORD**

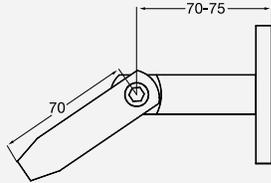
CANOPY SYSTEM (CLASSIC)



Classic Wall to Glass



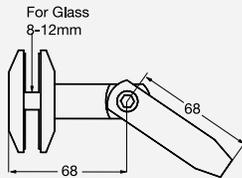
Part No.	T (Thickness)
CN.001.03.16.S	8-12 mm



Wall to Rod



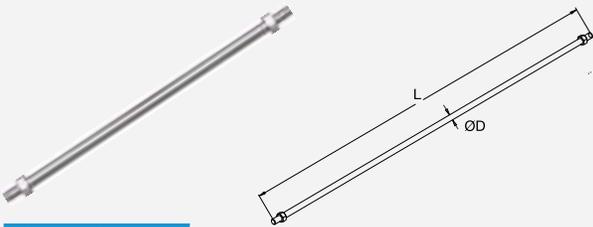
Part No.	D (For Rod)
CN.002.03.16.S	M10



Classic Glass to Rod



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



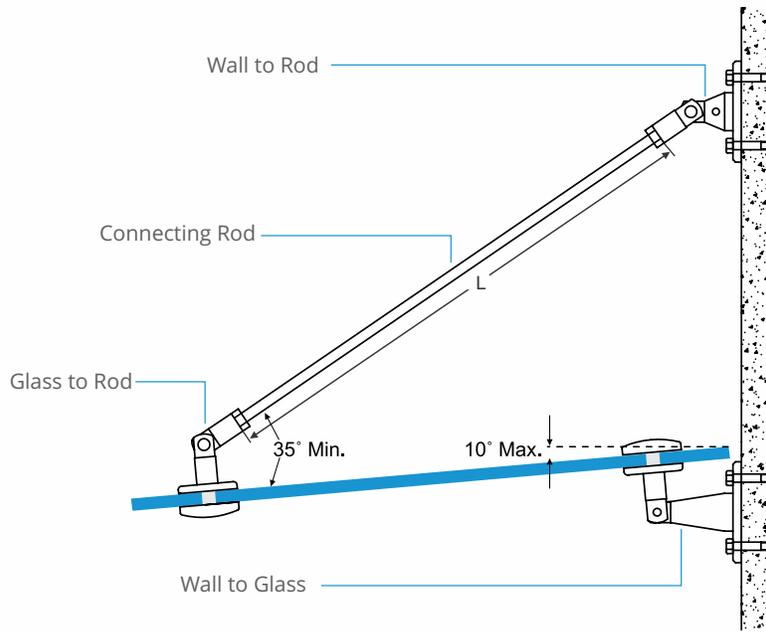
Connecting Rod

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



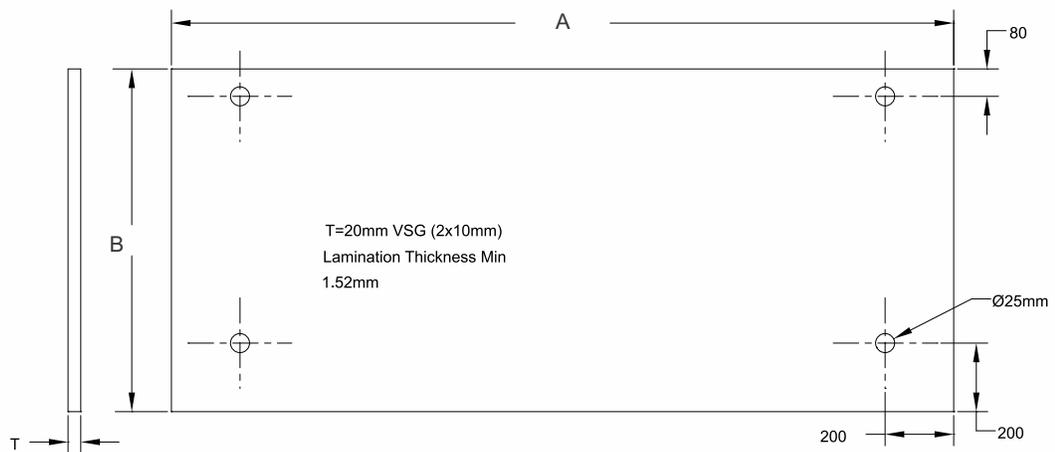
Canopy System Set
 Wall to Glass 2x
 Wall to Rod 2x
 Glass to Rod 2x
 Connecting Rod 2x

***Tested to 300 kg per sq. meter dead load**



CANOPY SYSTEM (STANDARD & CLASSIC) SELECTION CHART

Glass Dimension		Rod length		
A	B	L	Glass Thickness	Sets
1100 mm	1000 mm	940 mm	10.76 mm	2
1200 mm	1000 mm	940 mm	10.76 mm	2
1400 mm	1000 mm	940 mm	10.76 mm	3
1100 mm	1000 mm	940 mm	12.76 mm	2
1200 mm	1000 mm	940 mm	12.76 mm	2
1400 mm	1000 mm	940 mm	12.76 mm	2
1500 mm	1000 mm	940 mm	12.76 mm	3
2000 mm	1000 mm	940 mm	12.76 mm	3
2000 mm	1000 mm	940 mm	13.50 mm	3
2200 mm	1000 mm	940 mm	13.50 mm	4

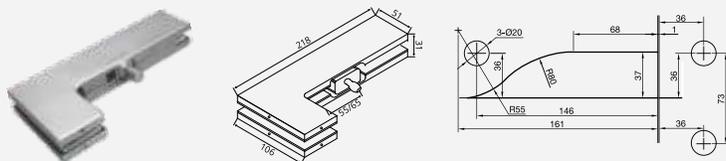




Glass Hardware

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

10



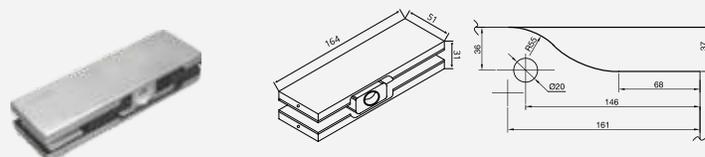
Door Patch to Connect Over Panel with Side Panel

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



Features:

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



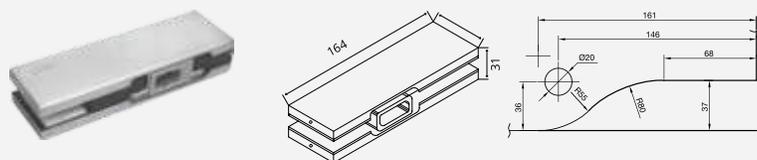
Top Patch for Glass Door

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



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.



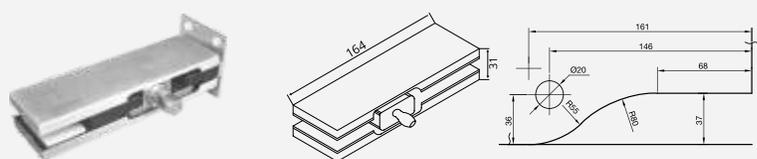
Bottom Patch for Glass Door

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



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.



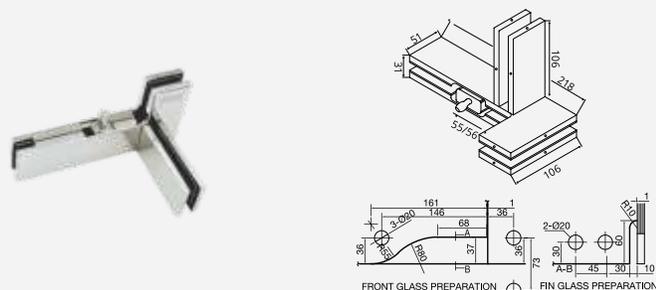
Corner Door Patch to Secure Over Panel with the Wall

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



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

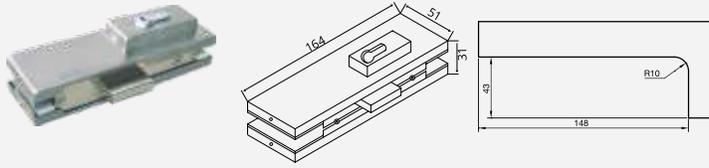
Part No	Finish	Part No	Finish
NPF-105L	SATIN	NPF-106R	SATIN
NPF-105L-M4	MIRROR	NPF-106RL-M4	MIRROR



Features:

- 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



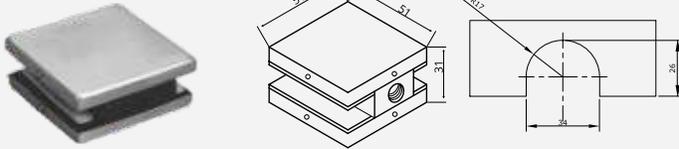
Patch Lock to Secure Swing Doors

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.



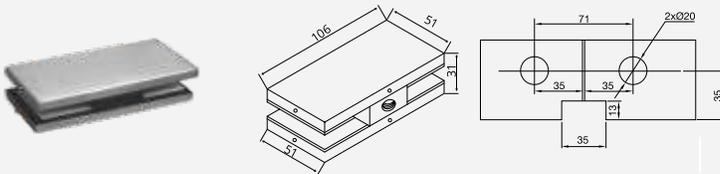
Patch to Secure Glass with Fixed Structure

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

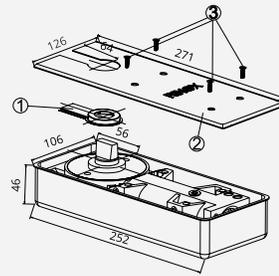
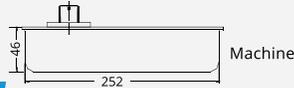
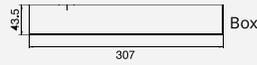
Part No	Finish
NPF-117	SATIN
NPF-117-M4	MIRROR

**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



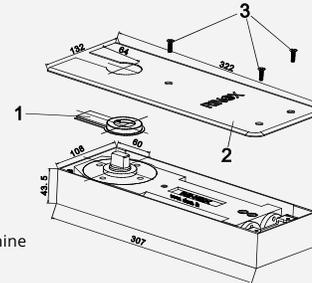
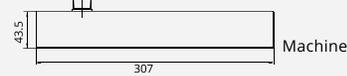
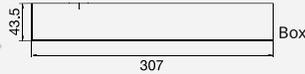
Part No	Door Weight
RFS-100	70KG
RFS-100-M4	70KG



Features:

- Single cylinder cam action floor hinge.
- Cam action floor Hinge with closing force EN2.
- Maximum opening angle 90° both sides.
- Maximum door width 900 mm.
- Specially designed for wooden and Aluminum door.
- RFS-TP and RFS-BP included in set.
- 3 Lac cycle tested

Single Cylinder Floor Hinge



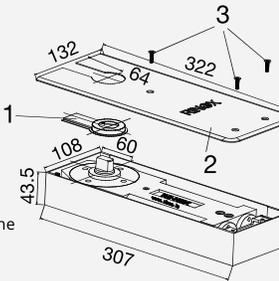
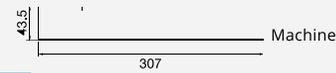
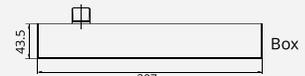
Part No	Door Weight
RFS-101	80KG
RFS-101-M4	80KG



Features:

- Double cylinder cam action floor hinge.
- Cam action floor Hinge with closing force EN 2.
- Maximum opening angle 116° both sides.
- Maximum door width 950 mm.
- 5 Lac cycle tested

Double Action Floor Hinge



Part No	Door Weight
RFS-102 HD-S4	120KG
RFS-102-HD-M4	120KG



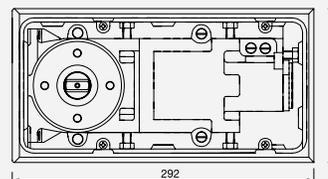
Features:

- Double cylinder Cam action floor hinge.
- Cam action floor hinge with closing force EN 3.
- Maximum opening angle 116° both sides.
- Maximum door width 1100 mm.
- 5 Lac cycle tested

Double Action Floor Hinge



Machine



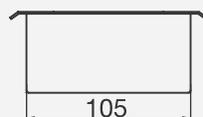
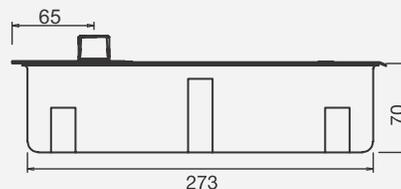
Part No	Door Weight
RFS-103-S4	170KG



Features:

- Single cylinder cam action floor hinge.
- With closing force EN 3-4, 45 N.m
- Maximum opening angle 90° in both sides.
- Maximum door width 1500mm.
- Specially designed for extra wide doors.
- 5 Lac cycle tested

Double Action Floor Hinge



Part No	Door Weight
RFS-200-S4	80KG

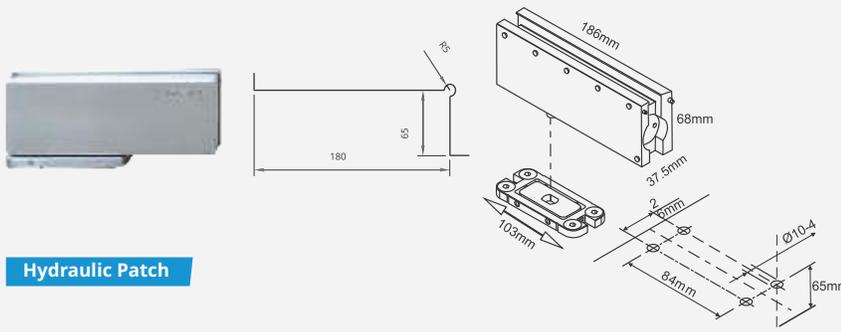


Features:

- Single Cylinder Cam Action Floor Hinge.
- Cam action Floor Hinge with closing force EN 2-3.
- Maximum opening angle 116° both sides.
- Maximum door width 850 mm.
- 5 Lac cycle tested

Single Cylinder Floor Hinge for Glass Door

*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

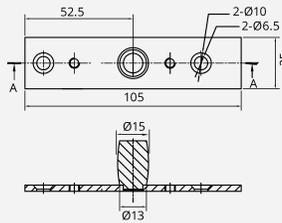
Features:

- 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

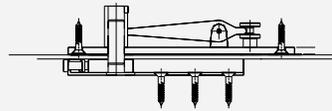
RFS-GDP
RFS-GDP-M4

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

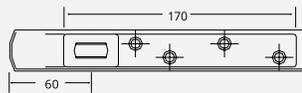
RFS-TP

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

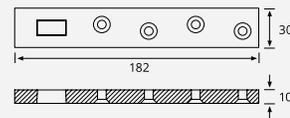
RFS-BP

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

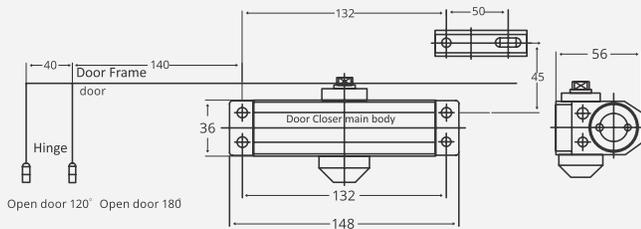
Features:

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



POWERED BY
FLUID
POWER
TECHNIK

Overhead Door Closer for 45 Kg Longer Arm



Part No
ODC-101

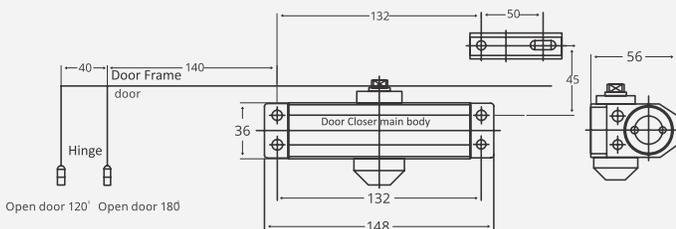
Features:

Product	ODC-101
Technology	Rack & Pinion
Closing force (EN value)	EN: 1-2
Maximum door width	850 mm
Maximum door weight	45 Kg
Design	Reversible non-handed design
Power transmission	Standard arm
Closing speed range	180-15 degrees
Latching speed range	15-0 degrees
Latching action	Adjustable by shoe arm reversing
Length	148 mm
Width	36 mm
Height	56mm
Installation possibilities	Pull side door leaf
Cycle tested	5 Lac



POWERED BY
FLUID
POWER
TECHNIK

Overhead Door Closer for 45 Kg Standard Arm



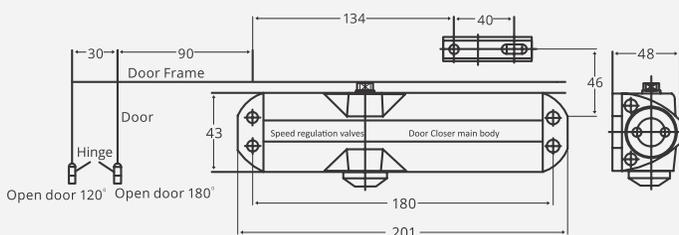
Part No
ODC-201

Features:

Product	ODC-201
Technology	Rack & Pinion
Closing force (EN value)	EN: 1-2
Maximum door width	850 mm
Maximum door weight	45 Kg
Design	Reversible non-handed design
Power transmission	Standard arm
Closing speed range	180-15 degrees
Latching speed range	15-0 degrees
Latching action	Adjustable by shoe arm reversing
Length	148 mm
Width	36 mm
Height	56mm
Installation possibilities	Pull side door leaf
Cycle tested	5 Lac



Overhead Door Closer for 60 Kg



Part No

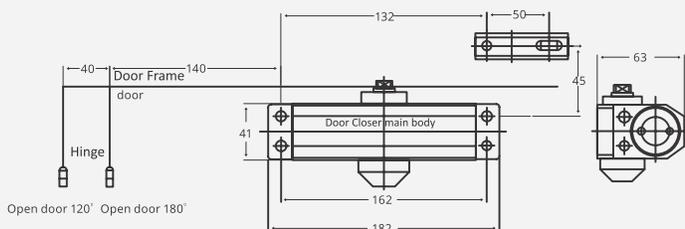
ODC-202

Features:

Product	ODC-202
Technology	Rack & Pinion
Closing force (EN value)	EN: 2-3
Maximum door width	900 mm
Maximum door weight	60 Kg
Design	Reversible non-handed design
Power transmission	Standard arm
Closing speed range	180-15 degrees
Latching speed range	15-0 degrees
Latching action	Adjustable by shoe arm reversing
Length	201 mm
Width	43 mm
Height	48mm
Installation possibilities	Pull side door leaf
Cycle tested	5 Lac



Overhead Door Closer for 60 Kg



Part No

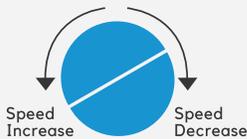
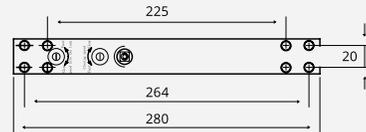
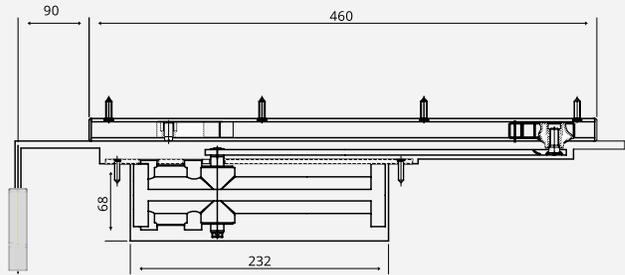
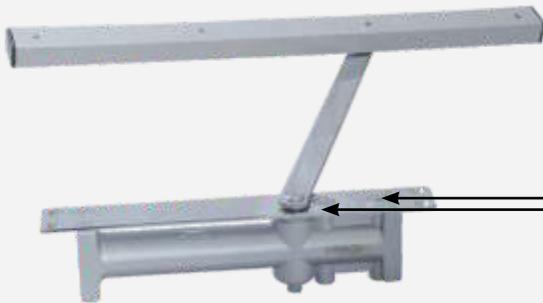
ODC-203

Overhead Door Closer for 60kg

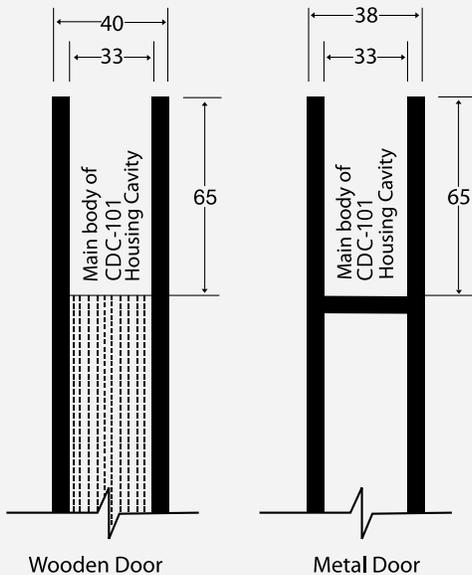
Features:

Product	ODC-203
Technology	Rack & Pinion
Closing force (EN value)	EN: 2-3
Maximum door width	900 mm
Maximum door weight	60 Kg
Design	Reversible non-handed design
Power transmission	Standard arm
Closing speed range	180-15 degrees
Latching speed range	15-0 degrees
Latching action	Adjustable by shoe arm reversing
Length	182 mm
Width	41 mm
Height	63mm
Installation possibilities	Pull side door leaf
Cycle tested	5 Lac

Concealed Door Closer 65 Kg



Closing Speed
Adjusting Valve
Latching Speed
Adjusting Valve



Part No

CDC-101

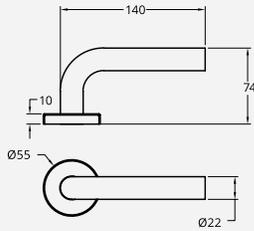
Features:

Product	CDC-101
Technology	Rack & Pinion
Closing force (EN value)	EN: 2-3
Maximum door width	1200 mm
Maximum door weight	65 Kg
Design	Reversible non-handed design
Power transmission	Track arm with U channel
Closing speed range	120-15 degrees
Latching speed range	15-0 degrees
Latching action	Self adjust
Hold open	Optional (70-120 degrees)
Length	232 mm
Width	33 mm
Height	57 mm
Installation possibilities	Door leaf & transom
Cycle tested	5 Lac

About FPT:

RINOX uses Fluid Power Technik (TM) technology for its door closers and floor springs. This technology developed in Germany involves amongst other things, using very high quality specially formulated fluids in the Hydraulic mechanism of its door closers and floor springs. This results in very smooth and constant movement even under extreme temperature differences. The end result is a very pleasant customer experience using the product.

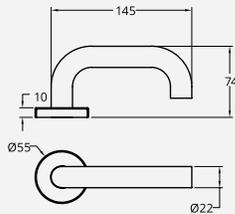




Mortise Level Handle L-Type

Part No	Length
RMH-101	140mm

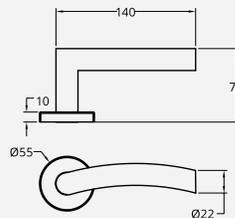
- Features:
- Lever handle to suit 8 mm follower.
 - With rosettes and escutcheon.
 - Tubular handle.
 - Better esthetics.
 - Stainless steel grade 304.
 - Finish: Satin.



Mortise Lever Handle C-Type

Part No	Length
RMH-102	145mm

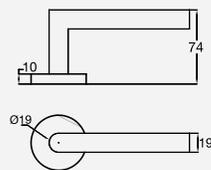
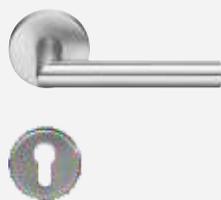
- Features:
- Lever handle to suit 8 mm follower.
 - With rosettes and escutcheon.
 - Tubular handle.
 - Better esthetics.
 - Stainless steel grade 304.
 - Finish: Satin.



Mortise Lever Handle Curved L-Type

Part No	Length
RMH-103	140mm

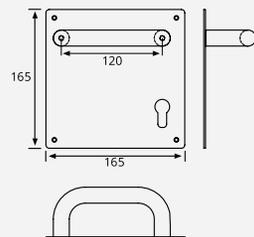
- Features:
- Lever handle to suit 8 mm follower.
 - With rosettes and escutcheon.
 - Tubular handle.
 - Better esthetics.
 - Stainless steel grade 304.
 - Finish: Satin.



Mortise Lever Handle Sharp L-Type

Part No	Length
RMH-104	140mm

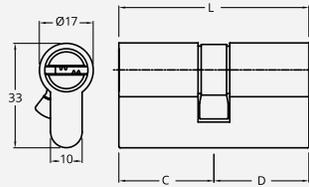
- Features:
- Lever handles to suit 8 mm follower.
 - With rosettes and escutcheon.
 - Tubular handle.
 - Better esthetics.
 - Stainless steel grade 304.
 - Finish: Satin.



Mortise Lever Handle Flat

Part No	Length
RMH-105	165mm

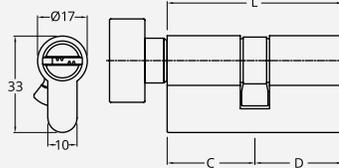
- Features:
- Fix handle for push type or pull type doors.
 - With slot for Mortise Lock Cylinder
 - Ideal for frequent opening wooden doors or framed dors, such as Hospitals, lobby etc.
 - Genuine Stainless Steel SS-304 Grade material.



Lock Cylinders Key to Key

Part No	Sizes
RMC-101	60mm
RMC-102	70mm
RMC-103	80mm

- Features:
- Euro profile cylinder.
 - For key to key application.
 - Available Sizes: 60 mm, 70 mm and 80 mm.
 - Key accessible from both sides.
 - Metal: High Grade Brass Alloy.
 - Finish: Satin plated.

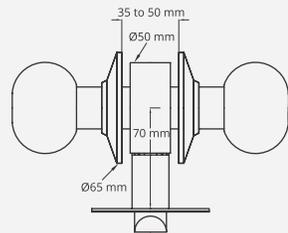


Lock Cylinders Key to Knob

Part No	Sizes
RMC-111	60mm
RMC-112	70mm
RMC-113	80mm

- Features:
- Euro profile cylinder.
 - For key to knob application.
 - Available Sizes: 60 mm, 70 mm and 80 mm.
 - Key accessible from Single Side.
 - Key and thumb turn as option.

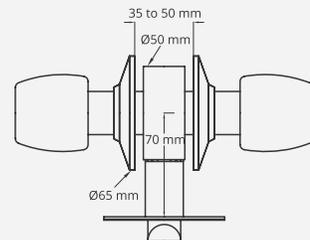
KNOB LOCK SERIES



Cylindrical Knob Lock

Part No
RLB-201

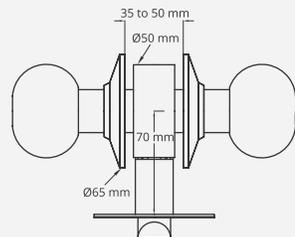
- Features:
- Easy push-button facility for locking from inside.
 - Specially designed for Entrance doors for residential and commercial establishments



Cylindrical Knob Lock

Part No
RLB-202

- Features:
- Easy push-button facility for locking from inside.
 - Specially designed for Entrance doors for residential and commercial establishments



Cylindrical Knob Lock

Part No
RLB-203

- Features:
- Easy push-button facility for locking from inside.
 - Specially designed for Entrance doors for residential and commercial establishments



Butt Hinge 4" x 3" x 2.5 mm

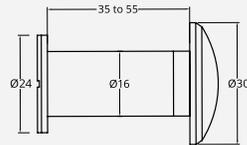
Part No	Sizes
HNG-201	4"x3"x2.5mm
HNG-202	4"x3"x3mm
HNG-203	5"x3"x3mm

- Features:
- Leaf thickness 2.5 mm & 3mm.
 - Recommended for door weight capacity 60 Kgs, 75 Kgs & 90 kgs with 03 hinges.
 - Supplied with 8 pcs of wooden screws.
 - Economical model.

DOOR ACCESSORIES (FOR WOODEN / ALUMINUM DOOR &) GLASS DOORS)



Door Eye

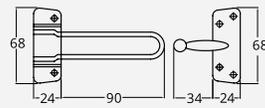


Part No
RDE-101

- Features:
- 160° Door viewer.
 - Finish: Satin Stainless Steel (SSS).
 - Base Material: Stainless Steel.



Door Guard

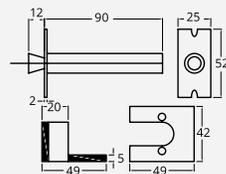


Part No
RDG-101

- Features:
- Door guard buckle type.
 - Finish: Satin Nickel (SN).



Security Door Chain

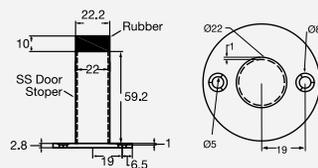


Part No
RDG-102

- Features:
- Door chain.
 - Finish: Satin Nickel (SN).

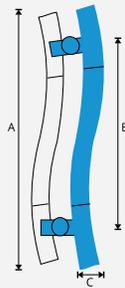


Door Stopper



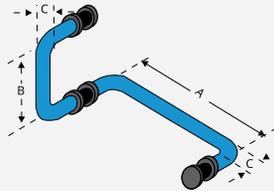
Part No
RDS-103

- Features:
- Wall mounted door stopper.
 - Mad from certified Stainless steel.
 - Good quality Satin finish.
 - Supplied with High Quality Rubber.



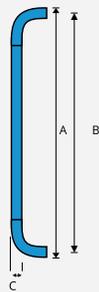
Handle S-Type for Glass Door

CODE	TOTAL LENGTH (A)	HOLE TO HOLE DIST. (B)	TUBE DIA (C)	GLASS HOLE DIA
SDH-301	350mm	255mm	Ø25mm	Ø12mm
SDH-302	475mm	305mm	Ø25mm	Ø12mm
SDH-304	475mm	305mm	Ø32mm	Ø12mm
SDH-305	600mm	420mm	Ø32mm	Ø12mm



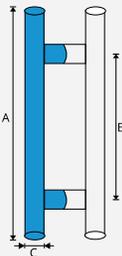
Handle cum Towel Bar for Shower Room

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

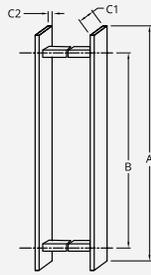
CODE	TOTAL LENGTH (A)	HOLE TO HOLE DIST. (B)	TUBE DIA (C)	GLASS HOLE DIA
HDH-301	300 mm	212 mm	Ø25 mm	Ø12 mm
HDH-304	600 mm	455 mm	Ø25 mm	Ø12 mm
HDH-306	450 mm	300 mm	Ø32 mm	Ø12 mm
HDH-307	457 mm	307 mm	Ø32 mm	Ø12 mm
HDH-307-m4	457 mm	307 mm	Ø32 mm	Ø12 mm
HDH-308	600 mm	480 mm	Ø32 mm	Ø12 mm
HDH-309	1300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



Adjustable Handle H-Type for Glass Door

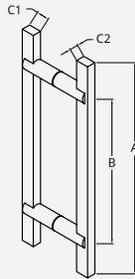
CODE	TOTAL LENGTH (A)	HOLE TO HOLE DIST. (B)	TUBE DIA (C)	GLASS HOLE DIA
HDH-501	600 mm	ADJUSTABLE 200 mm TO 450 mm	Ø25 mm	Ø12 mm

RECTANGULAR HANDLES



CODE	Pipe Parameter (C1 x C2)	Length (A)	Center to Center Dist (B)	Glass Hole Dia	Finish
RDH-301	40X10 mm	500 mm	400 mm	12 mm	Satin
RDH-302	40X10 mm	500 mm	400 mm	12 mm	Mirror
RDH-303	40X10 mm	1000 mm	800 mm	12 mm	Satin
RDH-304	40X10 mm	1000 mm	800 mm	12 mm	Mirror

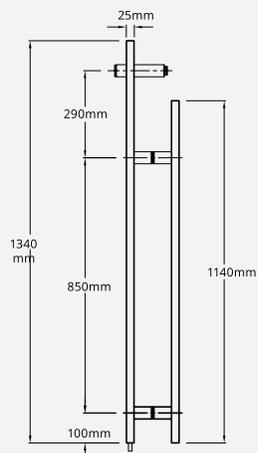
Rectangular Handle for Glass Door



Code	Pipe Parameter (C1 x C2)	Length (A)	Center to Center Dist (B)	Glass Hole Dia	Finish
RDH-121-M4	38X25 mm	600 mm	400 mm	12 mm	Mirror

Rectangular Handle for Glass Door





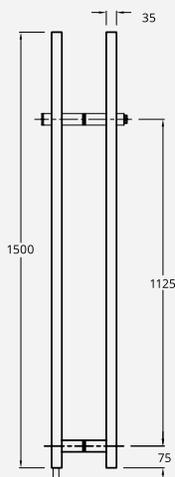
Part No
RLH-101

Overall Length	Centre to Centre Dist	Handle Diameter	Hole Diameter	Remarks
1340 mm	100/850/290 mm	25 mm	35/16/16 mm	3 Point Fixing

Features:

- Glass Hole dia 16mm.
- Floor Hole 35mm for lock point.

Lock Handle for Glass Door (25 x 1340mm)



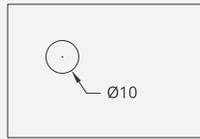
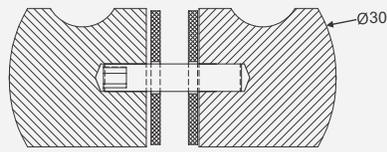
Part No
RLH-102

Overall Length	Centre to Centre Dist	Handle Diameter	Hole Diameter	Remarks
1500 mm	75/1125 mm	35 mm	22/12 mm	2 Point Fixing

Lock Handle for Glass Door (35 x 1500mm)



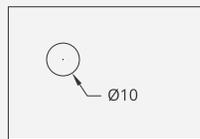
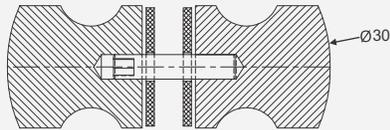
Glass Door Knob \varnothing 30 x 30 mm



Part No	Finish
NOB-101	Mirror



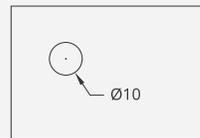
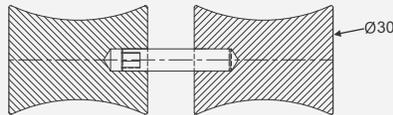
Glass Door Knob \varnothing 30 x 33 mm



Part No	Finish
NOB-102	Mirror

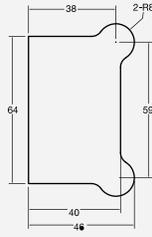
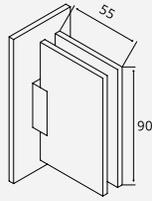


Glass Door Knob \varnothing 30 x 35 mm



Part No	Finish
NOB-103	Mirror

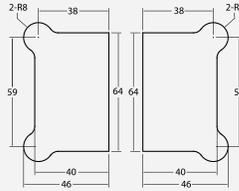
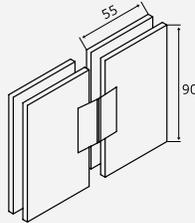




**100%
BRASS**

Part No
SSH-801

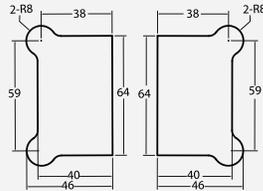
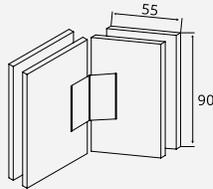
Hinge to join Glass Door with Wall



**100%
BRASS**

Part No
SSH-802

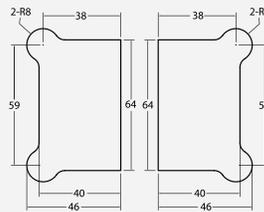
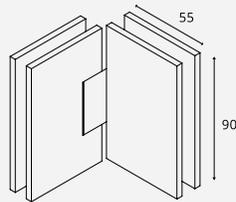
Hinge to join Glass Door with Fixed Glass at 180°



**100%
BRASS**

Part No
SSH-803

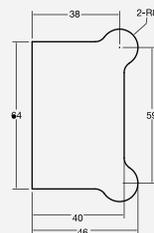
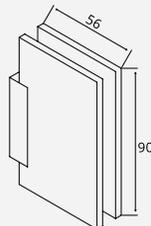
Hinge to join Glass Door with Fixed Glass at 135°



**100%
BRASS**

Part No
SSH-804

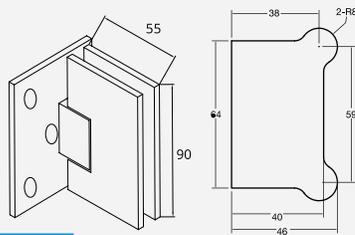
Hinge to join Glass Door with Fixed Glass at 90°



**100%
BRASS**

Part No
SSH-805

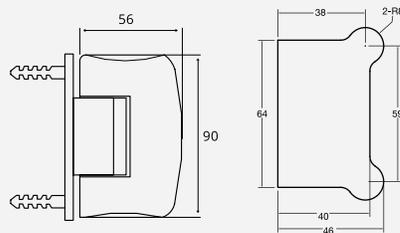
Hinge to join Fixed Glass Door with Wall at 90°



Offset Hinge to join Glass Door with Wall

**100%
BRASS**

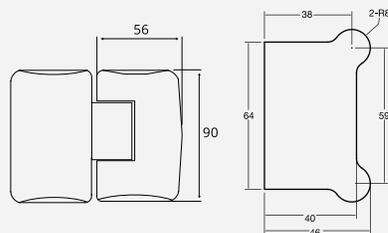
Part No
SSH-806



Hinge to join Glass Door with Wall

**100%
BRASS**

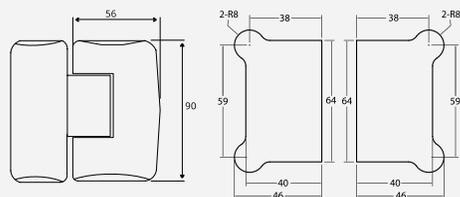
Part No
CSH-801



Hinge to join Glass Door with Fixed Glass at 180°

**100%
BRASS**

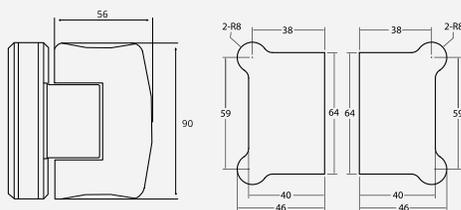
Part No
CSH-802



Hinge to join Glass Door with Fixed Glass at 135°

**100%
BRASS**

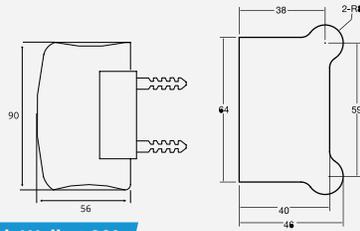
Part No
CSH-803



Hinge to join Glass Door with Fixed Glass at 90°

**100%
BRASS**

Part No
CSH-804

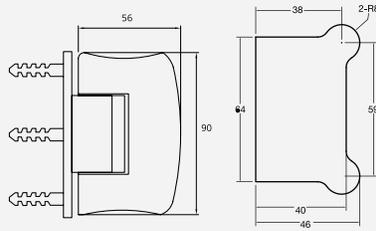


Hinge to join Fixed Glass with Wall at 90°

**100%
BRASS**

Part No

CSH-805



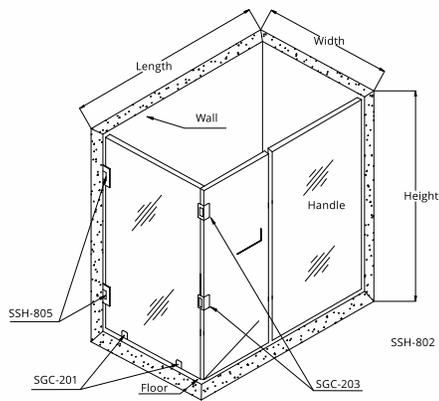
Offset Hinge to join Glass Door with Wall

**100%
BRASS**

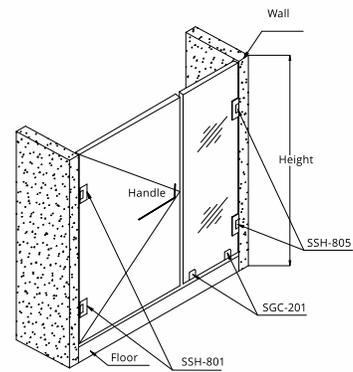
Part No

CSH-806

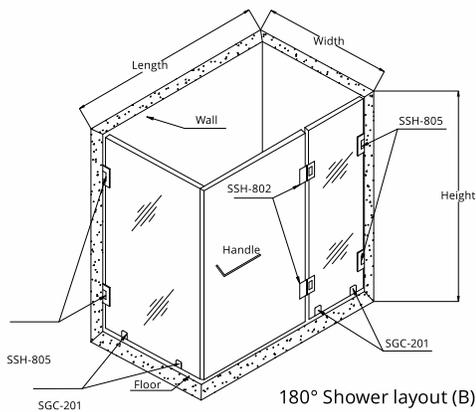
POSSIBLE USAGE



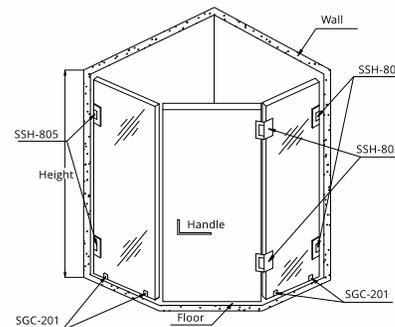
180° Shower layout (A)



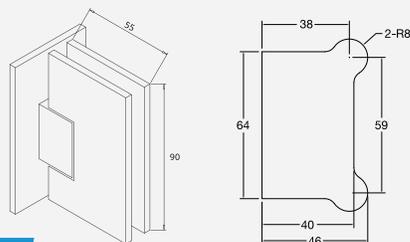
Wall to glass Shower layout



180° Shower layout (B)



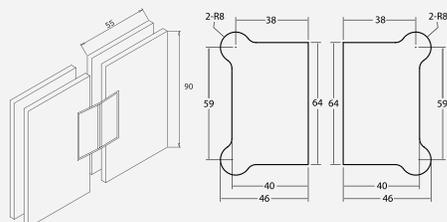
135° Shower layout



Hinge to join Glass Door with Wall

Part No

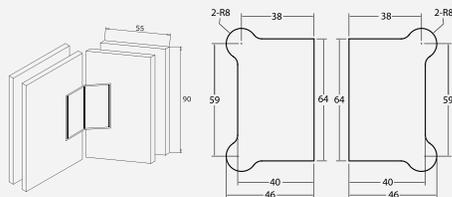
SSH-101-S4
SSH-101-M4



Hinge to join Glass Door with Fixed Glass at 180°

Part No

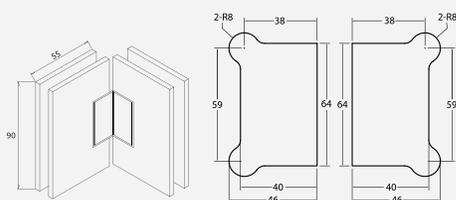
SSH-102-S4
SSH-102-M4



Hinge to join Glass Door with Fixed Glass at 135°

Part No

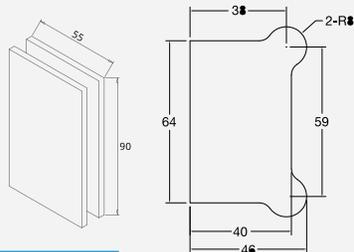
SSH-103-S4
SSH-103-M4



Hinge to join Glass Door with Fixed Glass at 90°

Part No

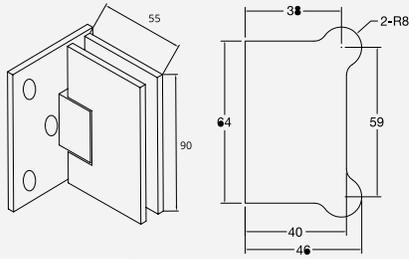
SSH-104-S4
SSH-104-M4



Hinge to join Fixed Glass with Wall at 90°

Part No

SSH-105-S4
SSH-105-M4



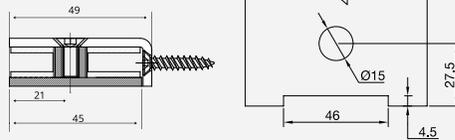
Part No

SSH-106-S4

SSH-106-M4

Offset Hinge to join Glass Door with Wall



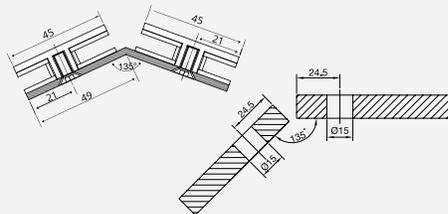


Part No	Finish
SGC-201	Mirror
SGC-201-S4	Satin

Features:

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

Connector to join Glass Panel to Wall or Floor

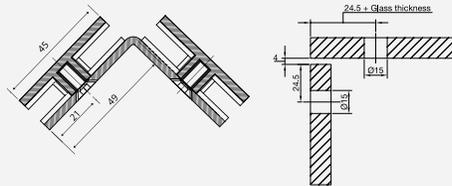


Part No	Finish
SGC-202	Mirror
SGC-202-S4	Satin

Features:

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

Connector to join Glass to Glass Panel at 135°

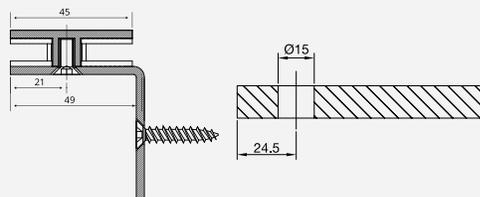


Part No	Finish
SGC-203	Mirror
SGC-203-S4	Satin

Features:

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

Connector to join Glass to Glass Panel at 90°

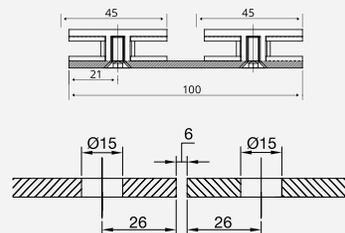


Part No	Finish
SGC-204	Mirror
SGC-204-S4	Satin

Features:

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

Connector to join Wall to Glass Panel at 90°

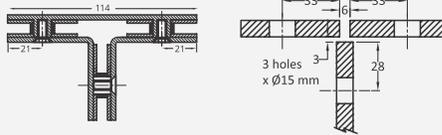


Part No	Finish
SGC-205	Mirror
SGC-205-S4	Satin

Features:

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

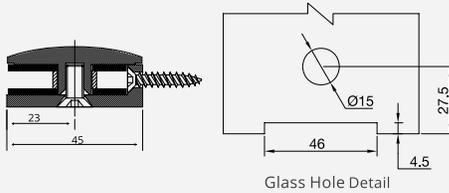
Connector to join Glass to Glass Panel at 180°



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

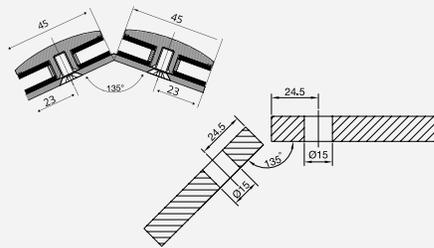
Connector to join Glass to Fin Glass Panel (T-Type)



Part No	Finish
CGC-201	Mirror
CGC-201	Satin

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

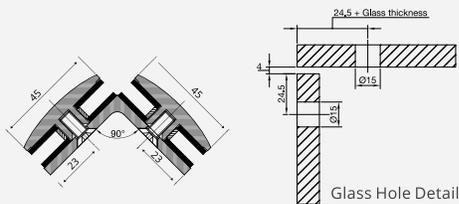
Connector to join Glass Panel to Wall & Floor



Part No	Finish
CGC-202	Mirror
CGC-202	Satin

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

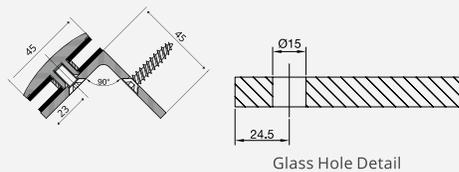
Connector to join Glass to Glass Panel at 135°



Part No	Finish
CGC-203	Mirror
CGC-203	Satin

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

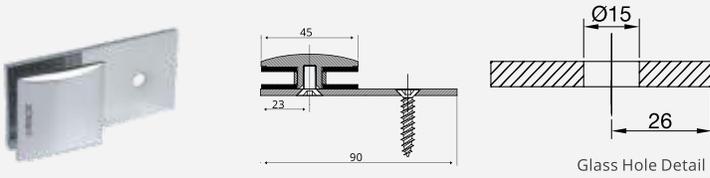
Connector to join Glass to Glass Panel at 90°



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 90°

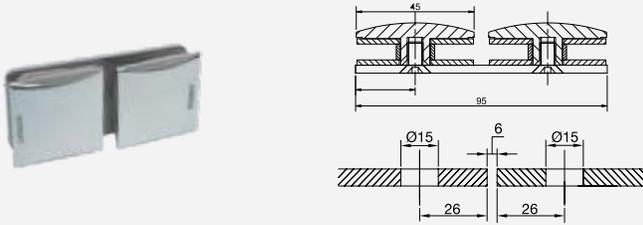


Connector to join Wall to Glass Panel at 180°

Part No	Finish
CGC-205	Mirror
CGC-205	Satin

Features:

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



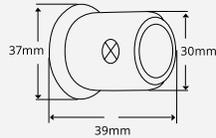
Connector to join Glass to Glass Panel at 180°

Part No	Finish
CGC-206	Mirror
CGC-206	Satin

Features:

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



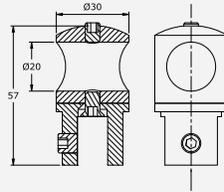


End Sleeve to join Wall to Pipe

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.

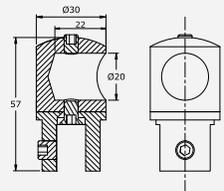


Connector to join Supporting Pipe & Glass Panel

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.



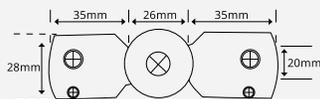
Connector to join Supporting Pipe on end & Glass Panel

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.



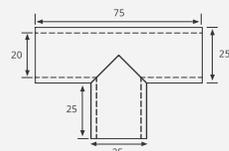


Connector to join Two Supporting Pipes

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.

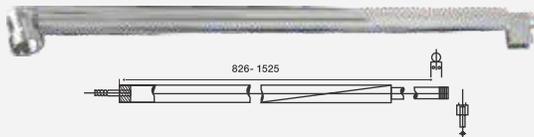


Connector to join Three Pipes (T-Type)

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



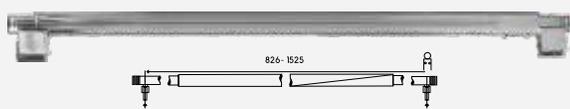
826-1525

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.



Reinforcing Bar

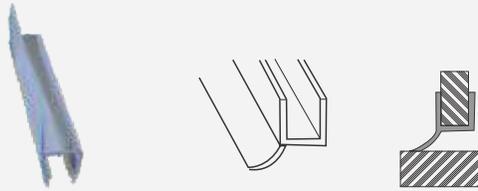
Part No	Finish
KHA-108-2M	Mirror
KHA-108-3M	Mirror

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.

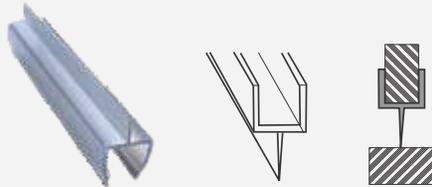
All plastic seal available in 2.2m length



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

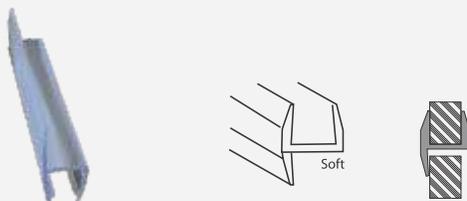
- Features:
- Used between a glass door and a wall.
 - Soft lip.
 - Ideal for preventing water spillage in single action doors.



Center Seal with Wing

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

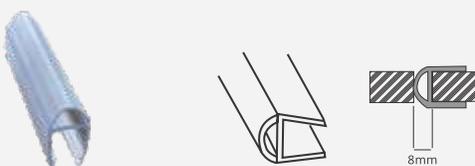
- Features:
- Used between a glass door and a wall / glass door.
 - Central 180° seal.
 - Soft lip.
 - Ideal for preventing water spillage in double action doors.



Side Seal with Small Wing

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

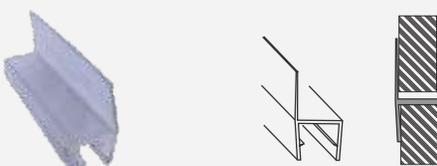
- Features:
- Used between fixed panel and door panel.
 - Central 180° seal.
 - Ideal for preventing water spillage in single action doors.



D-Type Seal

Part No	Glass Thickness
SPS-104-8	8mm
SPS-104-10	10mm
SPS-104-12	12mm

- Features:
- Used between fixed panel & door panel.
 - Central 180° seal.
 - Ideal for preventing collision between door panel & fixed glass.

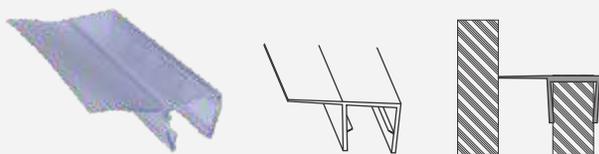


Side Seal with Large Wing

Part No	Glass Thickness
SPS-105-8	8mm
SPS-105-10	10mm
SPS-105-12	12mm

- Features:
- Used between Fixed Panel / wall and Hinged Glass door.
 - Ideal for door side water-proofing.

All plastic seal available in 2.2m length



F-Type Seal

Part No	Glass Thickness
SPS-106-8	8mm
SPS-106-10	10mm
SPS-106-12	12mm

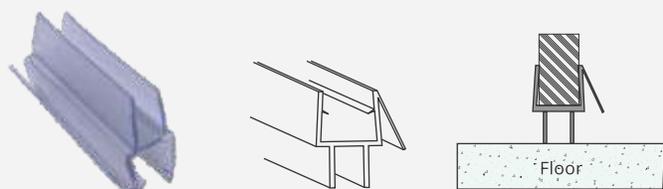
- Features:
- Used between Fixed Panel / wall and Sliding Glass door.
 - Ideal for door side water-proofing.



Anti-collision Ring

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

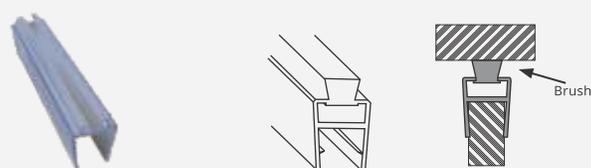
- Features:
- Used to prevent Collision of door with fixed wall / panel
 - Ideal for Sliding Doors.



Water Dispersal Seal

Part No	Glass Thickness
SPS-108-8	8mm
SPS-108-10	10mm
SPS-108-12	12mm

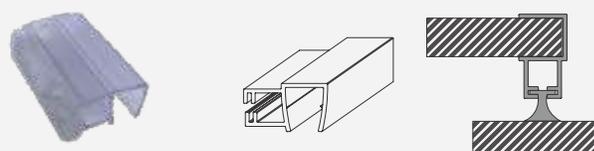
- Features:
- Used for waterproofing of Glass Door.
 - Ideal for use at bottom of Glass Door.



Brush Seal

Part No	Glass Thickness
SPS-109-8	8mm
SPS-109-10	10mm
SPS-109-12	12mm

- Features:
- Seal for Brush 7x8mm to prevent air-loss.
 - Ideal for use in Sliding Doors with Fixed Panel on sides.

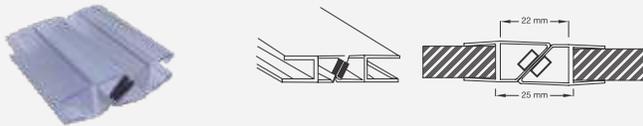


Seal for Sliding Doors with Brush 7 x 8 mm

Part No	Glass Thickness
SPS-110-8	8mm
SPS-110-10	10mm
SPS-110-12	12mm

- Features:
- Seal for Sliding door with brush 7x8mm to prevent air-loss
 - Ideal for use in parallel sliding glass panels.
 - Also used in Automatic sensor door as side profile for Sliding panels

All plastic seal available in 2.2m length

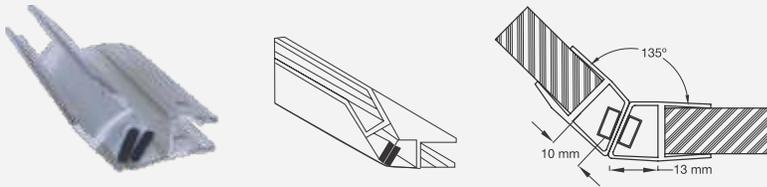


Magnetic Plastic Seal for Sliding Glass Door at 180°

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

Features:

- Used to seal the joint between two sliding glass doors fitted at 180° angle.
- Magnetic seal ensures doors stay in place.
- Supplied in pairs.

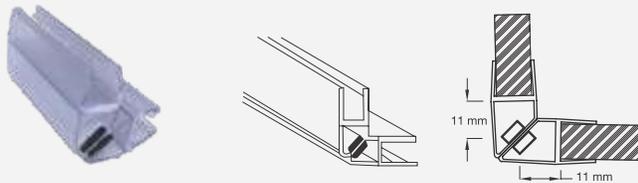


Magnetic Plastic Seal for Sliding Glass Door at 135°

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.

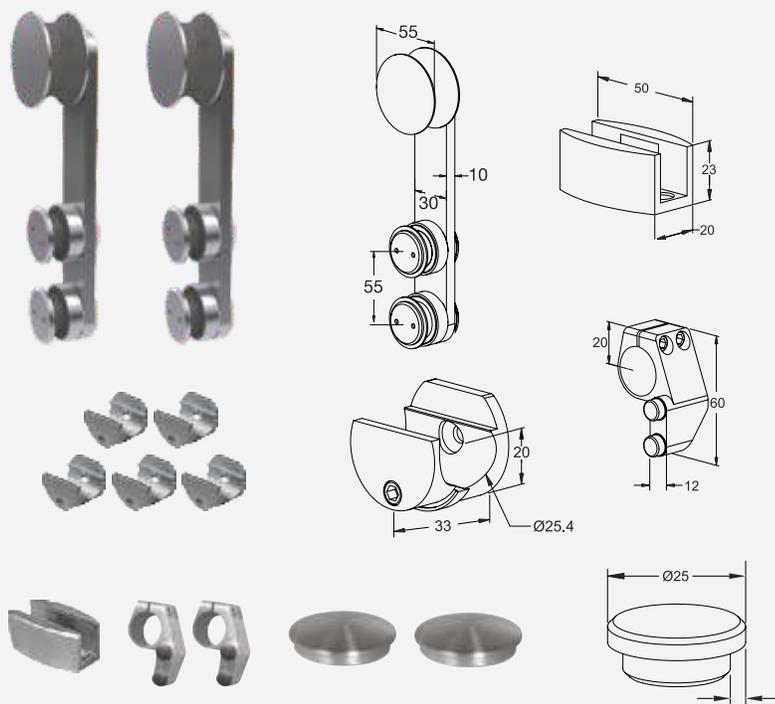


Magnetic Plastic Seal for Sliding Glass Door at 90°

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

Features:

- Used to seal the joint between two sliding glass doors fitted at 90° angle.
- Magnetic seal ensures doors stay in place.
- Supplied in pairs.



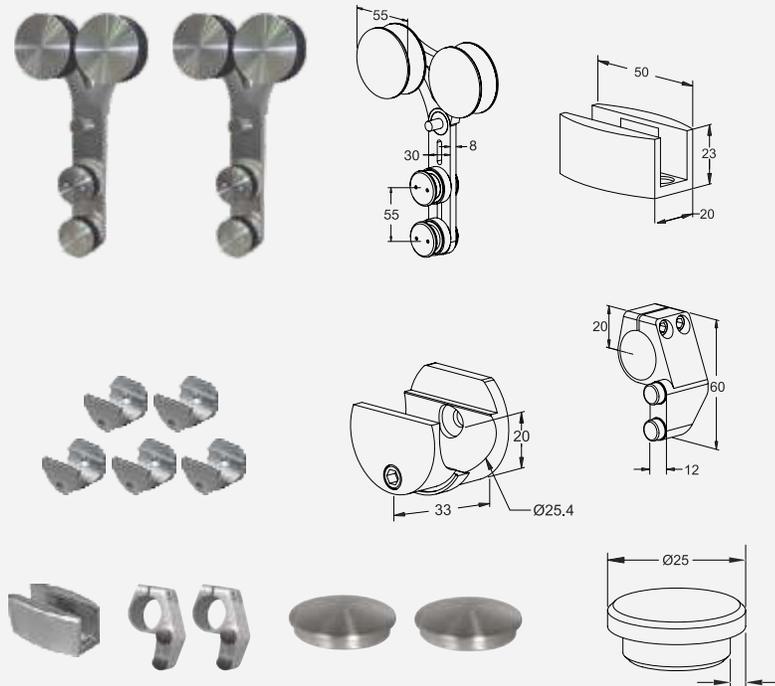
Part No.

SDS.101.01.04.5

Sliding Door System Set :

- Slider Carriage 2x SD.001.01
- Holder 5x SD.001.02
- Rail 1x SD.001.03
- Left Stopper 1x SD.001.14
- Right Stopper 1x SD.001.04
- Pipe Plug 2x SD.001.06
- SS-304, SATIN

Sliding Door Set with Carriage One Wheel



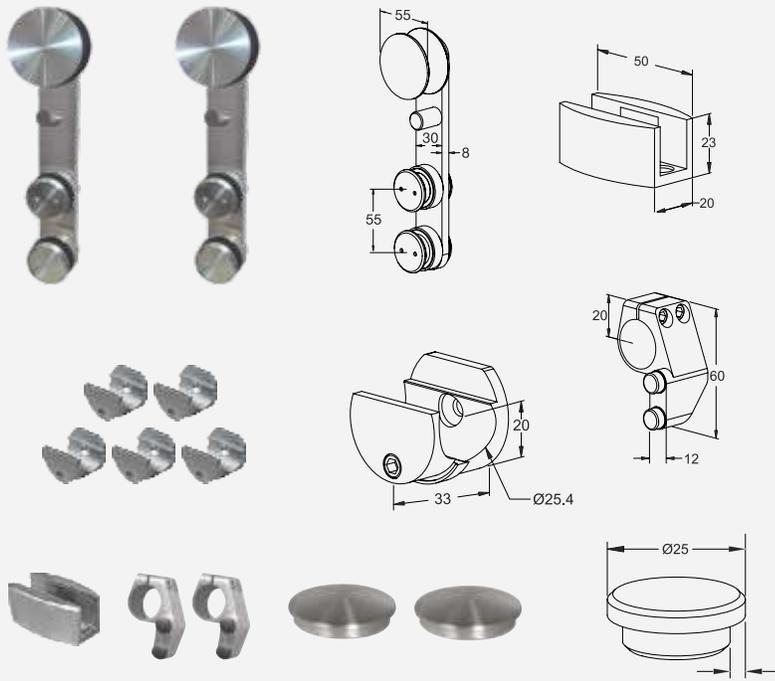
Part No.

SDS.102.01.04.5

Sliding Door System Set :

- Slider Carriage 2x SD.002.01
- Holder 5x SD.001.02
- Rail 1x SD.001.03
- Left Stopper 1x SD.001.14
- Right Stopper 1x SD.001.04
- Pipe Plug 2x SD.001.06
- SS-304, SATIN

Sliding Door Set with Carriage Two Wheel



Part No.
SDS.103.01.04.S

- Sliding Door System Set :**
 Slider Carriage 2x SD.003.01
 Holder 5x SD.001.02
 Rail 1x SD.001.03
 Left Stopper 1x SD.001.14
 Right Stopper 1x SD.001.04
 Pipe Plug 2x SD.001.06
 SS-304, SATIN

Sliding Door Set with Carriage One Wheel with Tube

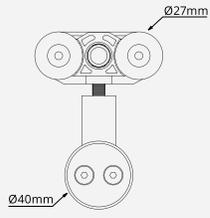
OPTIONAL ACCESSORIES FOR GLASS FIXING



Part No.
SD.001.08.04.S

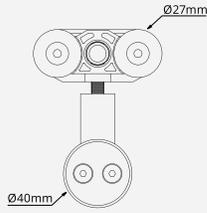
Holder Glass Mount





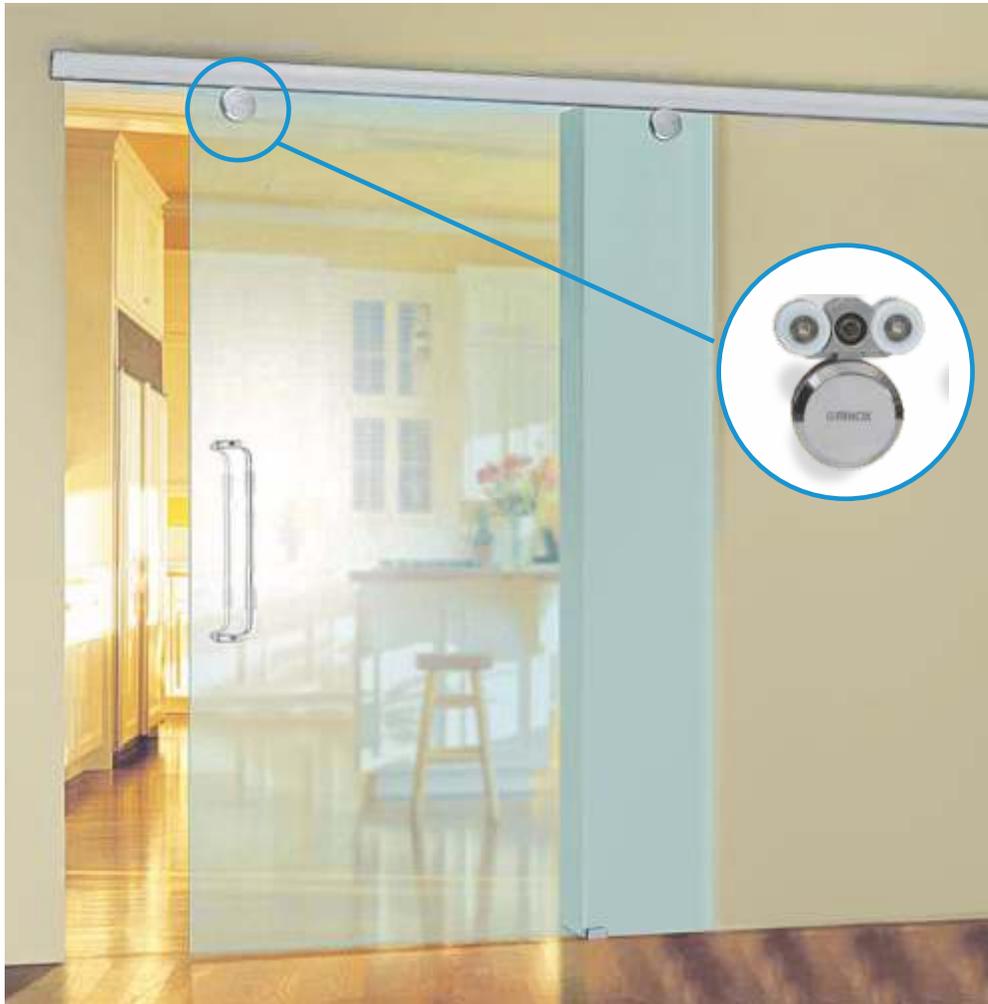
Part No.
SD.101.01.04.S

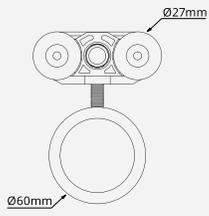
Light Weight Roller set with Plastic Body



Part No.
SD.102.01.04.S

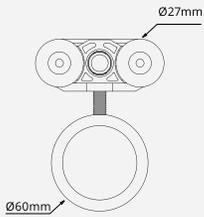
Light Weight Roller set with Alloy Body





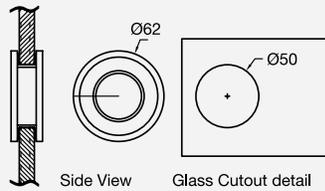
Heavy Duty Roller set with Plastic Body

Part No. SD.103.01.BR.M



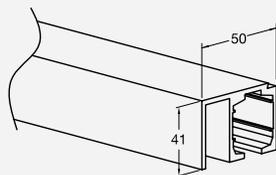
Heavy Duty Roller set with Alloy Body

Part No. SD.104.01.BR.M



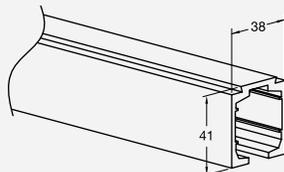
Sliding Glass Door Handle

Part No. SLDH-102-S4



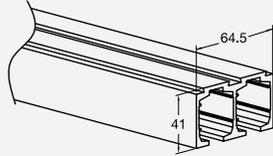
Channel for Sliding Door & Fixed Panel

Part No.	Length
ST.102.01.AL.A	2Mtr
ST.102.02.AL.A	4Mtr



Channel for Single Sliding Door

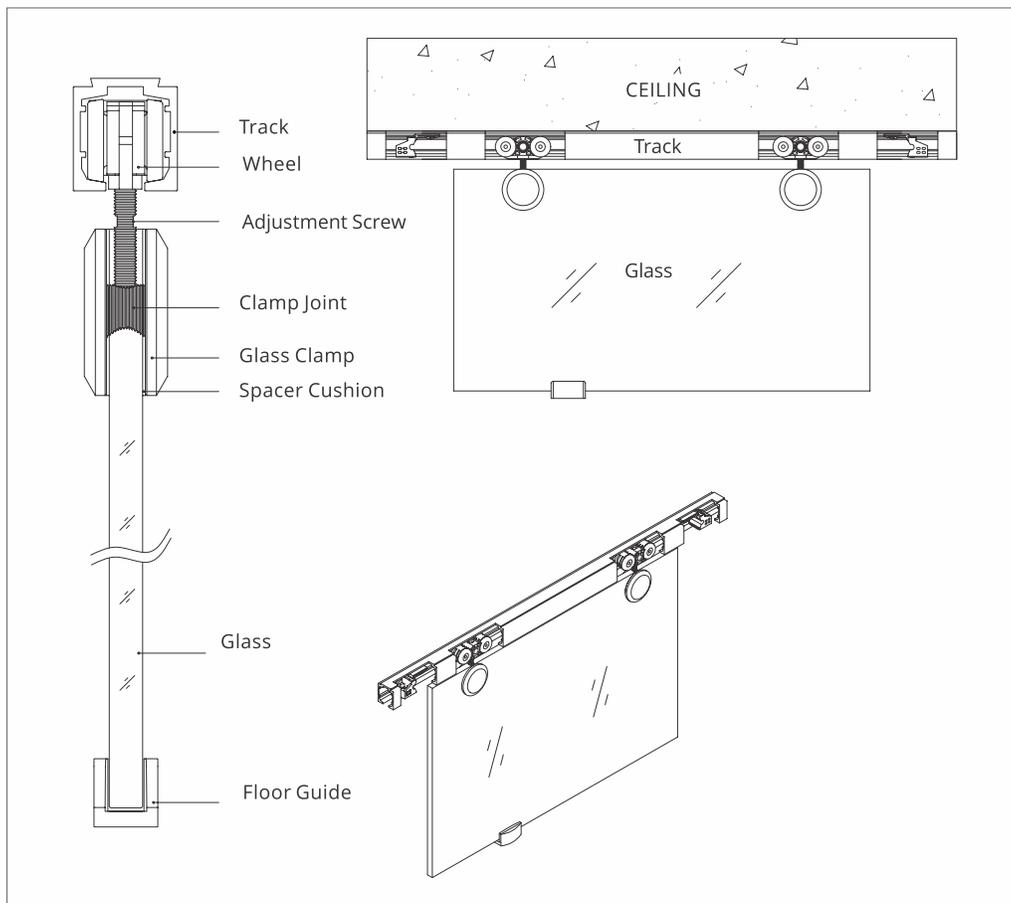
Part No.	Length
ST.101.01.AL.A	2Mtr
ST.101.02.AL.A	4Mtr



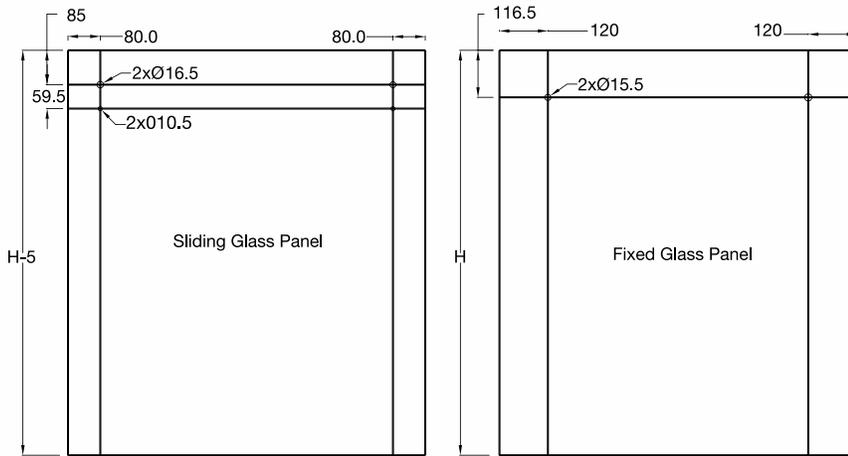
Part No.	Length
ST.103.01.AL.A	2Mtr
ST.103.02.AL.A	4Mtr

Channel for Two Parallel Sliding Doors

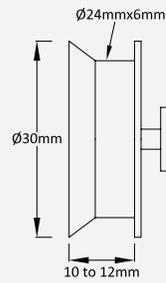
INSTALLATION INSTRUCTIONS



SDR-301 Glass Cutout Details



- Suitable for Glass Thickness 8-12 mm
- Made from Certified Stainless Steel 304
- Superior Quality Mirror Finish
- All Fittings Suitable For Pipe \varnothing 25.4mm x 2.0



Holder to Fix Track on Glass

Part No.
STH.102.S4.S



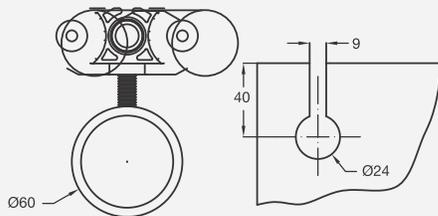
Sliding Door Set

Part No.
SDR.301.M4



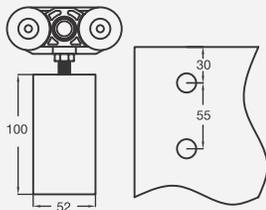
Sliding Door Track

Part No.	Length
SDT.301	1.65 Mtr
SDT.301.2M	2 Mtr
SDT.301.3M	3 Mtr



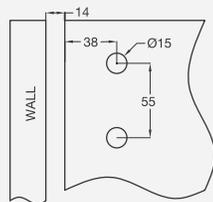
Sliding Folding Round Roller

Part No.
SFR-101



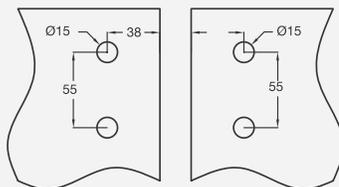
Sliding Folding Rectangular Roller

Part No.
SFR-102



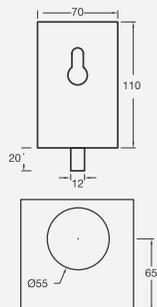
Sliding Folding Wall to Glass Hinges

Part No.
SFR-201



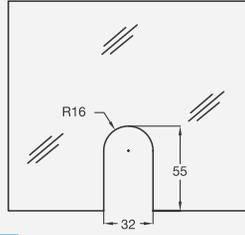
Sliding Folding Glass to Glass Hinges

Part No.
SFR-202



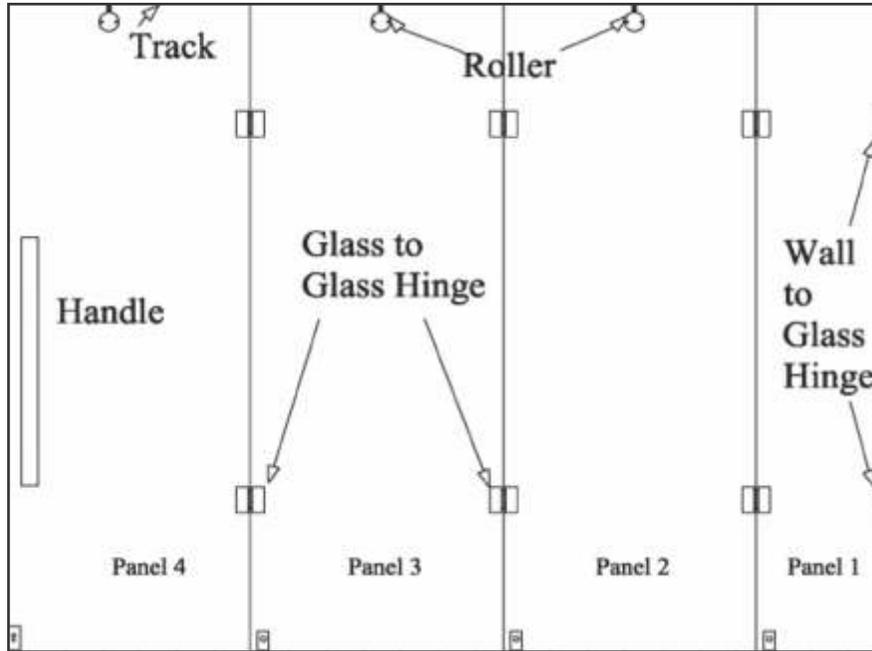
Door Lock with Key & Strike Plate

Part No.
SFL-101



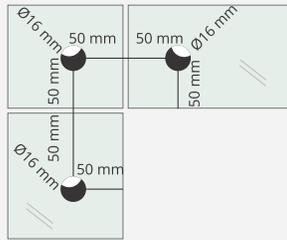
Part No. _____
SFL-102 _____

Door Lock with Knobs & Strike Plate

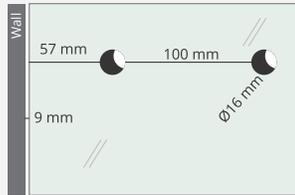


A New Range of Easy to use Frameless Glass Fittings

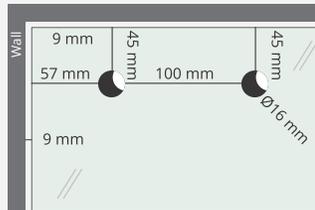




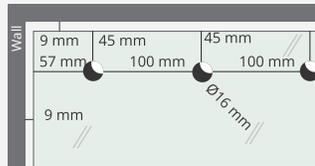
Part No.	Dia
APF101.01.04.S	25.4mm
APF101.01.04.M	25.4mm



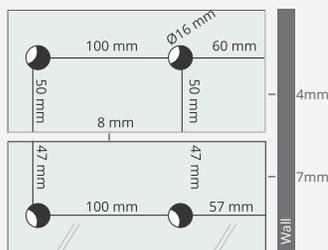
Part No.	Dia
APF101.02.04.S	25.4mm
APF101.02.04.M	25.4mm



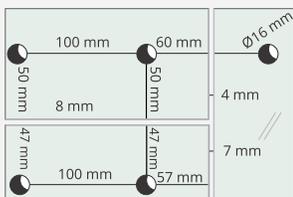
Part No.	Dia
APF102.01.04.S	25.4mm
APF102.01.04.M	25.4mm



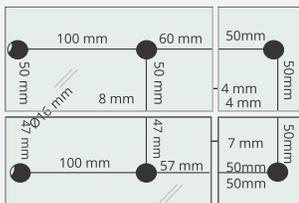
Part No.	Dia
APF102.02.04.S	25.4mm
APF102.02.04.M	25.4mm



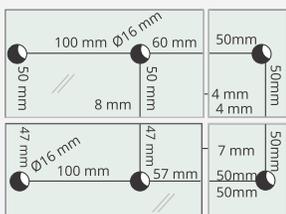
Part No.	Dia
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APF102.03.04.M	25.4mm



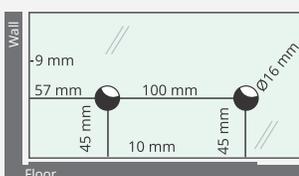
Part No.	Dia
APF102.04.04.S	25.4mm
APF102.04.04.M	25.4mm



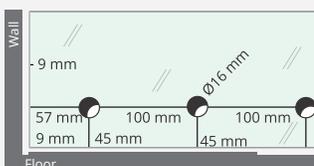
Part No.	Dia
APF102.05.04.S	25.4mm
APF102.05.04.M	25.4mm



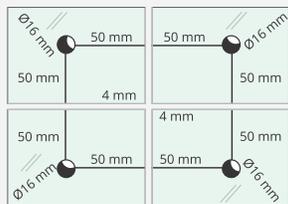
Part No.	Dia
APF102.06.04.S	25.4mm
APF102.06.04.M	25.4mm



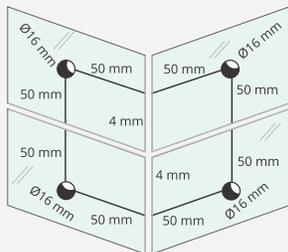
Part No.	Dia
APF103.01.04.S	25.4mm
APF103.01.04.M	25.4mm



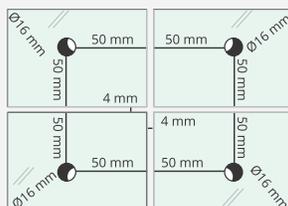
Part No.	Dia
APF103.02.04.S	25.4mm
APF103.02.04.M	25.4mm



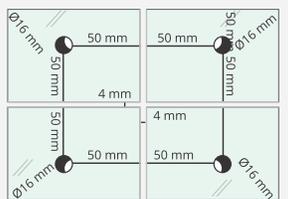
Part No.	Dia
APF110.01.04.S	25.4mm
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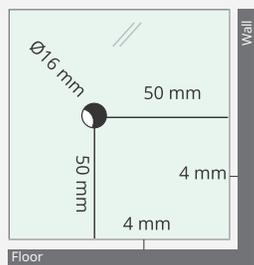
Part No.	Dia
APF110.02.04.S	25.4mm
APF110.02.04.M	25.4mm



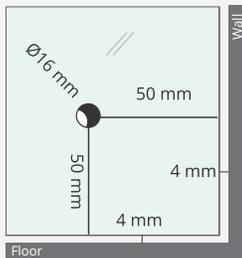
Part No.	Dia
APF110.03.04.S	25.4mm
APF110.03.04.M	25.4mm



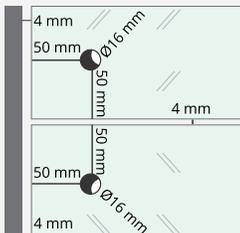
Part No.	Dia
APF110.04.04.S	25.4mm
APF110.04.04.M	25.4mm



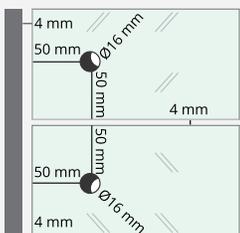
Part No.	Dia
APF113.01.04.S	25.4mm
APF113.01.04.M	25.4mm



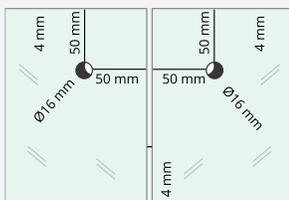
Part No.	Dia
APF113.02.04.S	25.4mm
APF113.02.04.M	25.4mm



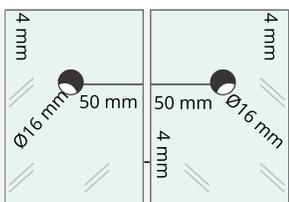
Part No.	Dia
APF113.11.04.S	25.4mm
APF113.11.04.M	25.4mm



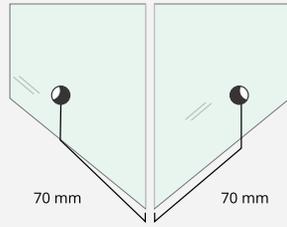
Part No.	Dia
APF113.12.04.S	25.4mm
APF113.12.04.M	25.4mm



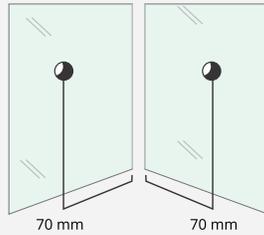
Part No.	Dia
APF113.21.04.S	25.4mm
APF113.21.04.M	25.4mm



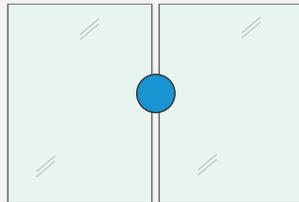
Part No.	Dia
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APF114.01.04.M	25.4mm



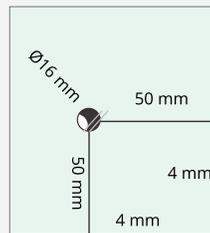
Part No.	Dia
APF114.02.04.S	25.4mm
APF114.02.04.M	25.4mm



Part No.	Dia
APF114.03.04.M	25.4mm



Part No.	Dia
FPE114.01.04.S	50mm
FPE114.01.04.M.	50mm

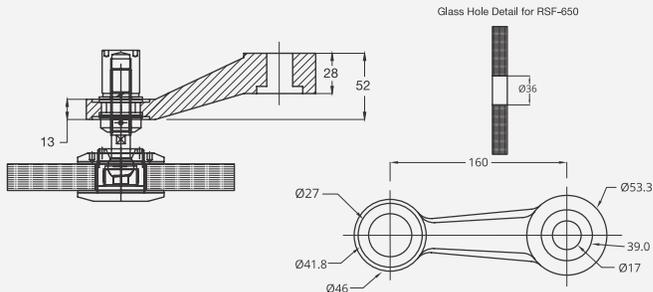


Part No.	Dia
APF115.01.04.S	25.4mm
APF115.01.04.M	25.4mm





One Way Spider Fitting



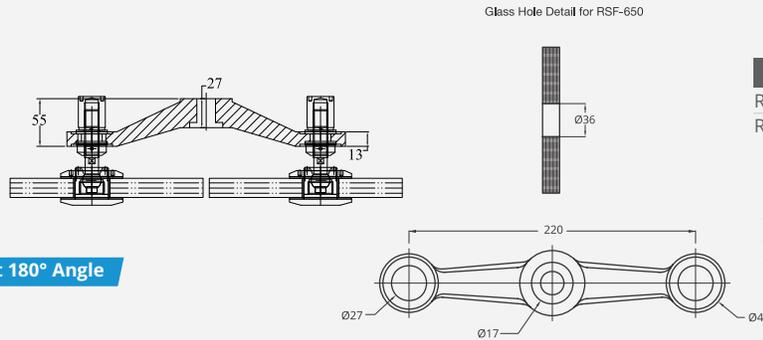
Part No	Finish
RSF-101-S6	Satin
RSF-101-M6	Mirror

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



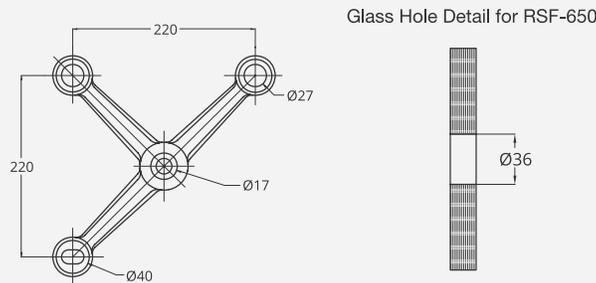
Part No	Finish
RSF-102-S6	Satin
RSF-102-M6	Mirror

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



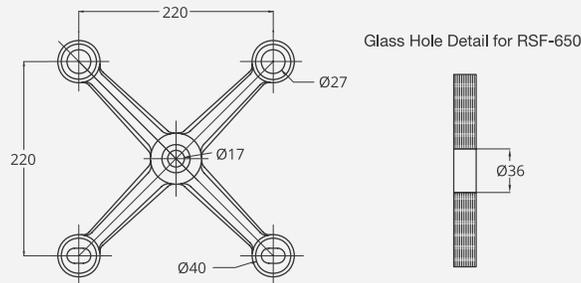
Part No	Finish
RSF-103-S6	Satin
RSF-103-M6	Mirror

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



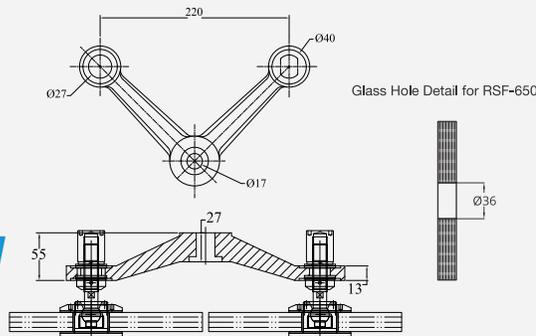
Part No	Finish
RSF-104-S6	Satin
RSF-104-M6	Mirror

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



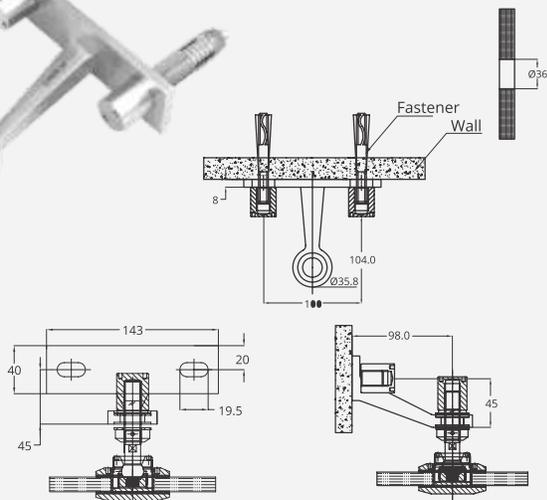
Part No	Finish
RSF-112-S6	Satin
RSF-112-M6	Mirror

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.



Glass Hole Detail for RSF-650

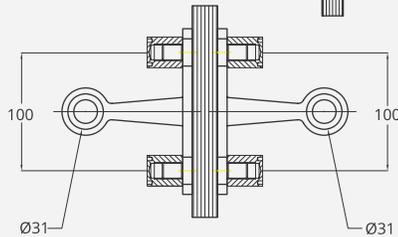
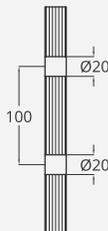


Part No	Finish
RSF-301-S6	Satin
RSF-301-M6	Mirror

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.

One Way Fin Spider Fixing with Ceiling / Wall

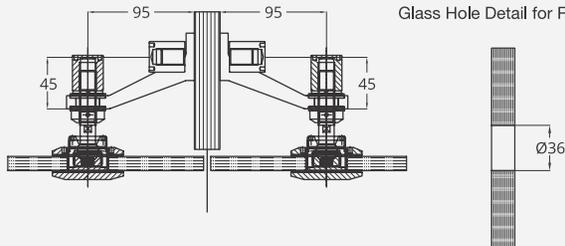


Part No	Finish
RSF-302-S6	Satin
RSF-302-M6	Mirror

Features:

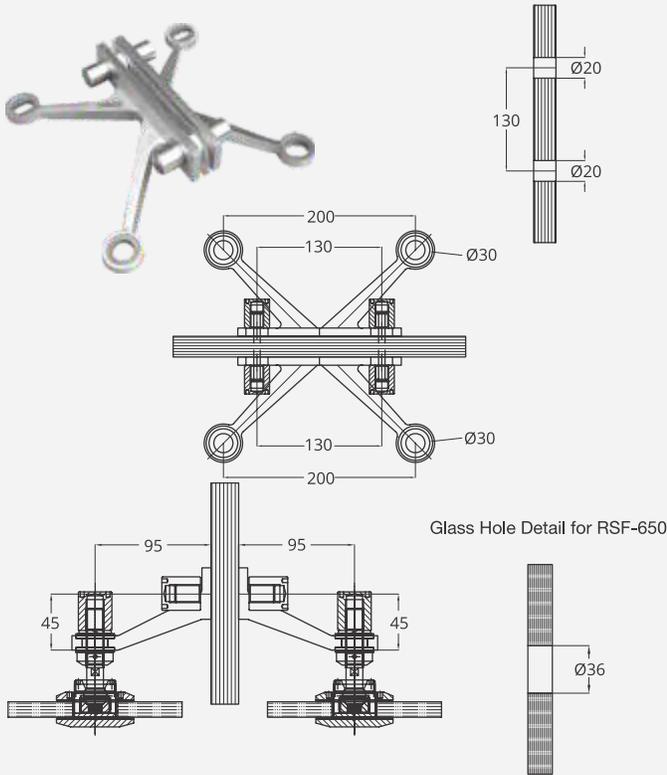
- Two way fin spider.
- To join 2 glass panels assembly with glass fin.
- Teflon and PVC washers/gaskets to prevent damage to glass.

Glass Hole Detail for RSF-650



Two Way Fin Spider

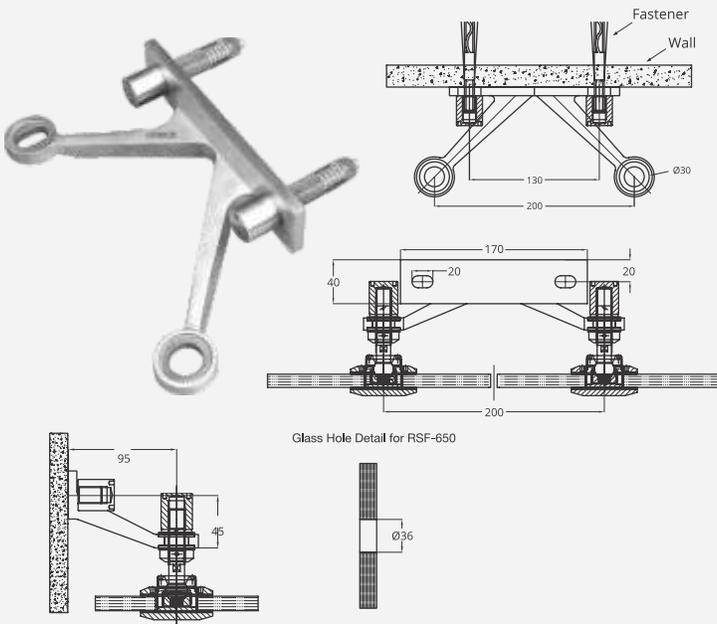




Part No	Finish
RSF-304-S6	Satin
RSF-304-M6	Mirror

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

Four Way Fin Spider



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

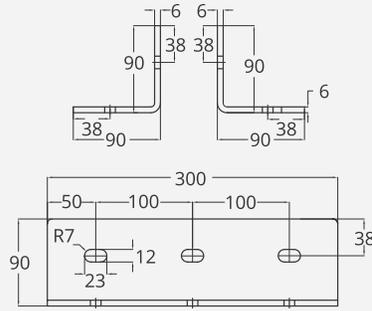
- Features:
- Two way fin spider fixing with ceiling/wall for vertical support.
 - To join 2 glass panels assembly with Ceiling.
 - Teflon and PVC washers/gaskets to prevent damage to glass.

Two Way Fin Spider Fixing with Ceiling / Wall





Fin Plate 300 mm



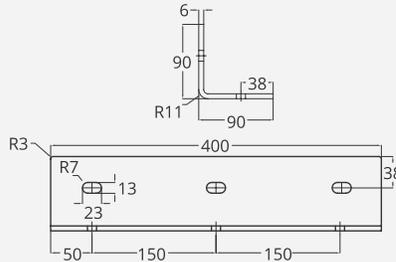
Part No	Finish
RSF-401-S6	Satin
RSF-401-M6	Mirror

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



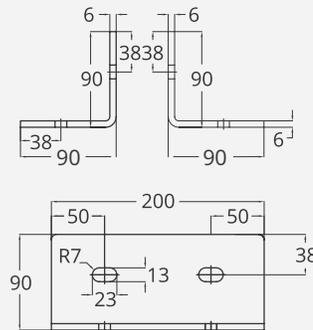
Part No	Finish
RSF-402-S6	Satin
RSF-402-M6	Mirror

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



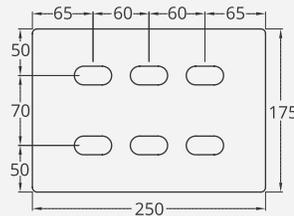
Part No	Finish
RSF-403-S6	Satin
RSF-403-M6	Mirror

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



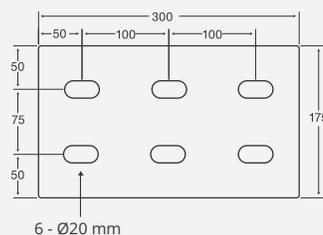
Part No	Finish
RSF-430-S4	Satin

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.



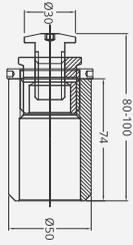
Splice Plate 300 mm



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

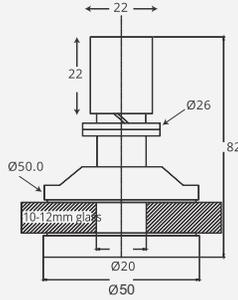
Part No	Finish
RSF-601-S4	Satin
RSF-601-M4	Mirror

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



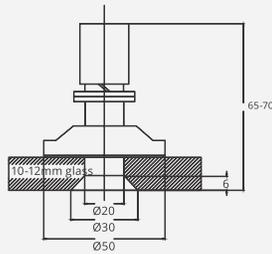
Part No	Finish
RSF-602-S4	Satin
RSF-602-M4	Mirror

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



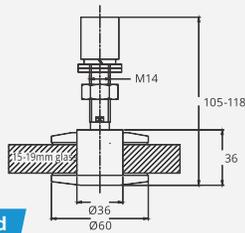
Part No	Finish
RSF-603-S4	Satin
RSF-603-M4	Mirror

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.

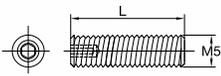
Safety Precaution

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

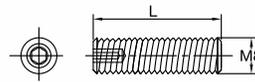
ITS AN IRRITATING PRODUCT

OBTAIN MEDICAL ATTENTION FOR ANY EYE OR INTERNAL CONTACT

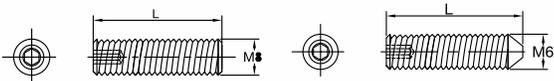
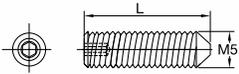
SCREWS



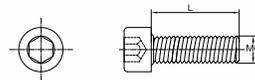
Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN913.M5.05.04	Allen Drive Grub Flat Point	M5	05 mm



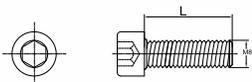
Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN913.M8.22.04	Allen Drive Grub Flat Point	M8	22 mm
DIN913.M8.31.04	Allen Drive Grub Flat Point	M8	31 mm
DIN913.M8.42.04	Allen Drive Grub Flat Point	M8	42 mm
DIN913.M8.50.04	Allen Drive Grub Flat Point	M8	50 mm



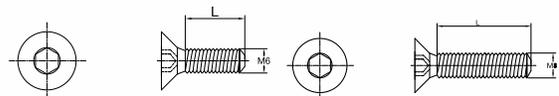
Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN914.M8.35.04	Allen Drive Grub C Point	M8	35 mm
DIN914.M5.05.04	Allen Drive Grub C Point	M5	05 mm
DIN914.M6.06.04	Allen Drive Grub C Point	M6	06 mm



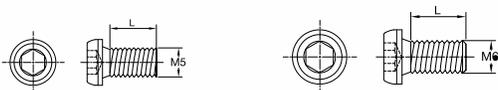
Part No.	Design Plate Dia.	T (Thread)	L (Effective Length)
DIN912.M6.20.04	Allen Head, Allen drive	M6	20 mm



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)
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



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





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 untertützt die wirtschaftliche ökosystem die existiert durchdie zurück gabe an der gesellschaft in verschiedener weise. RINOX glaubt festdaran 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 and Aubildung jugendliche für an erfolgreiche und gesunde Erwachsentalter.

Etasha Gesellschaft (Aktivierung und Ausbildung Jugendliche für eine erfolgreiche und gesunde Erwachsentalter). Ist ein Indische geminnützige organisation gergründet im jahr 2006 und bietef zeitgenössiche berufberatung, Beschäftigungs fahigkeit und Burutsausbildung für junge menschen aüs sozial schwachen wirtschafts gemeinschaften.

Betrieben von 2 ausbildungszentren im Delhi,Mitder 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 Ausbuidung und Fähigkeiten,diese persönen können in einer nachhaltigen,Art und weise ihre familien unterstützen.

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

Rinox is Proudly Associated with



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

STAINLESS STEEL COMPLETE RAILINGS INDEX

Glass Railings	Page No.
Flatron	20
Winsome	21
Brawny	22
Marina	23
Mercury	24
Mercury Metro	25
Mars	26
Iris	27
Bravia	28
Linia	29
Alston	30
Reiner	31
Glanze	32

Frameless Glass Railing	Page No.
Ara	33
Vertigo	34
Polo	35
Royale L	36
Royale H	37

Horizontal Bar Railing	Page No.
Arina	33
Infinity Metro	34
Alaska	35
Vortex	36

Vertical Picket Railing	Page No.
Vertical Picket Panel	42

Wire Railing	Page No.
Wiber	43

Wall Railing	Page No.
Grus	44

French Balcony	Page No.
French Balcony H	45
French Balcony V	46

LED Railings	Page No.
LED Railings	47

STAINLESS STEEL RAILINGS ACCESSORIES INDEX

A	Codes	Page No.
	AP	51, 52

B	Codes	Page No.
	BH	152
	BL	151
	BP	52, 53, 132
	BS	152

C	Codes	Page No.
	CN	159, 160, 162, 163
	CP	148

D	Codes	Page No.
	DIN	215

E	Codes	Page No.
	EB	66,67,68,77 115
	EC	124,127
	EF	65
	EP	69,70
	EPS	71
	ET	65
	ETA	78, 80
	ETP	122,125
	ETR	123,126

F	Codes	Page No.
	FB	62
	FP	61,62

G	Codes	Page No.
	GB	108,109,137,138
	GC	93,94,95,96,97,98, 100,101,136
	GF	85
	GFC	85
	GH	110
	GHA	111
	GHB	81
	GHD	128,129
	GHS	110
	GP	157
	GR	102,103
	GS	85

H	Codes	Page No.
	HD	82,112,113 114
	HF	88
	HP	52
	HS	89

L	Codes	Page No.
	LP	157**

M	Codes	Page No.
	MGL	137
	MOD	52
	MP	215

P	Codes	Page No.
	PC	145
	PCH	145,146
	PL	97,99,147
	PSG	123,126
	PSH	124,127
	PSW	123,126
	PW	147,148

R	Codes	Page No.
	RA	81
	RB	65
	RC	124,127
	RF	82,154,155
	RFA	155
	RP	50,51
	RT	64

S	Codes	Page No.
	SB	62
	SC	114
	SF	134,135
	SGD	131
	SGO	131
	SGR	131,132
	SGS	132,133
	SLH	136
	SPG	131,132,133
	SP	61

T	Codes	Page No.
	TF	55, 56, 57, 58,91
	TFA	57
	TFR	77,156
	TR	58,98
	TRS	58
	TS	55,56,57,58,82
	TSA	57

U	Codes	Page No.
	UA	59,60
	UB	82
	UC	77,140,141 142,143,149
	UCS	142
	UT	64,74,76
	UTC	64
	UTS	64,76

W	Codes	Page No.
	WB	86,87,88,91
	WC	117
	WF	89
	WH	119
	WL	83
	WR	117,118,119
	WRP	120
	WS	89

Y	Codes	Page No.
	YC	74
	YE	74,75
	YES	76
	YP	75
	YPS	76
	YR	75
	YTA	79,80

Z	Codes	Page No.
	ZC	73,81,142,144,145
	ZE	72
	ZF	73
	ZH	90,116
	ZHS	129
	ZP	73,116
	ZR	65
	ZS	73
	ZT	73,74
	ZW	148
	ZX	64

GLASS HARDWARE INDEX

A	Codes	Page No.
	APF	203,204,205 206,207

C	Codes	Page No.
	CDC	173
	CGC	187,188
	CSH	182,183

D	Codes	Page No.
	DDH	177

F	Codes	Page No.
	FPF	207

H	Codes	Page No.
	HDH	177
	HNG	176

K	Codes	Page No.
	KHA	189,190

M	Codes	Page No.
	MPS	193

N	Codes	Page No.
	NOB	180
	NPF	166,167,168

O	Codes	Page No.
	ODC	171,172

R	Codes	Page No.
	RDE	176
	RDG	176
	RDH	178
	RDS	176
	RFS	169, 170
	RLB	175
	RLH	179
	RMC	175
	RMH	174
	RSF	209,210,211 212,213

S	Codes	Page No.
	SD	195,196,197
	SDR	199
	SDS	194,195
	SDT	199
	SDH	177
	SFL	200,201
	SFR	200
	SGC	186,187
	SLDH	197
	SPS	191,192
	SSH	181,182,184,185
	ST	197
	STH	199

T	Codes	Page No.
	TDH	177

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