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EP STAIR RAILING

Stair railing

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# Stair Railing Series

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楼梯扶手





**ODM&OEM**

Any kinds of  
Stainless steel fittings and pipes

# STAIR RAILING

SERIES





## Balustrade railing

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## Design

EPAI conceives new ideas from dialogues with manufacturing professionals ,applies modern design to unknown traditional techniques and the latest technology and delivers novel designs.

based on these experiences ,UNITE-precisely because it is EPAI delivers impression and coziness to each individual gathering in the space.

OEM&ODM EXPORT  
SINCE 1997

Easy balustrade system





## WHY DO YOU NEED QUALITY TUBES FOR BALUSTRADES ?

Stair railing ideal tubing formula only the best metal

### Adhere to high rust and corrosion resistance?

We use superior metal raw materials containing nickel and chromium (this is the most expensive element and these elements are resistant to corrosion).

### PRIMA (AISI201)

EUROPEAN STANDARD: 1.4372 CHINESE STANDARD: 12Cr17Mn6Ni2N

201 stainless steel, with a certain acid and alkali resistance. Mainly used for decorative tubes, industrial tubes, some shallow stretched products. The balustrades are adapted to dry indoors and clean places, such as classrooms, classrooms, and conference rooms.

### SUPER (AISI304)

EUROPEAN STANDARD: 1.4301 CHINESE STANDARD: 06Cr19Ni10

304 stainless steel is a common material in stainless steel with a density of 7.93 g/cm<sup>3</sup>, also known as 18/8 stainless steel. It has the characteristics of good processing performance and high toughness, and is widely used in industrial and furniture decoration industry and food medical industry. Building decoration materials such as stair railings are widely used in places where the requirements of the World Health Organization are required.

### UNTRA (AISI316L)

EUROPEAN STANDARD: 1.4404 CHINESE STANDARD: 022Cr17Ni12Mo2

316 stainless steel is a kind of stainless steel. Due to the addition of Mo element, it has a great improvement in corrosion resistance and can be used under harsh conditions. UNTRA stainless steel common pipes, balustrades in coastal areas and materials used outside the building.

### Will the tube bend and break?

We studied metals and rich compositions, and the durability and plasticity of our tubes created our tubes without cracking.

Corrosion is the process of destroying metal in a harsh environment. It has the corrosion resistance in the oxide of the interlayer. When the surface of the chrome metal is oxidized in the air, the higher the content of chromium, the more resistant to corrosion.

Causes of corrosion: electrochemical contact between petroleum and metal, acid, alkali, salt soil, humid atmosphere, marine environment.

The sustainability of the electrochemical corrosion resistance of steel is called corrosion of steel; the corrosion resistance of chromium to steel reaches 7% of the elements introduced on the surface, forming a strong and insoluble film, inhibiting oxidation. Corrosion resistance is more pronounced if the steel surface is polished and has no point defects.

### Comparison of chemical composition on 304 stainless steel tube

AISI304	C (Carbon)	Cr (Chromium)	Ni (Nickel)
worth taking note of	The less the carbon content, the better, the single carbon is higher than 0.05%. The chromium and nickel components have no special treatment and are prone to severe rust.	The higher the proportion of chromium, the better. Under normal conditions, less than 18% are prone to corrosion.	The higher the nickel, the more resistant to corrosion, and the less than 8%, there is a risk of corrosion.
Standard AISI304	<math>\leq 0.08</math>	18.0-20.0	8.0-10.0
Average of cheap tubes	0.09	17.9	7.85
Most expensive tube parameters	0.065	18.05	8.08
SUPER tube parameters	0.025	18.12	8.11
Standard AISI304L	0.03	18.2	8.0-10.0



### Comparison of chemical composition on 201 stainless steel tube

AISI201	C (Carbon)	Cr (Chromium)	Ni (Nickel)
worth taking note of	The less the carbon content, the better, the single carbon is higher than 0.12%. The chromium and nickel components have no special treatment and are prone to severe rust.	The higher the proportion of chromium, the better. Under normal conditions, less than 18% are prone to corrosion.	The higher the nickel, the more resistant to corrosion, and the less than 8%, there is a risk of corrosion.
Standard AISI201	<math>\leq 0.12</math>	14.0-16.5	1.0-1.5
Average of cheap tubes	0.146	13.3	0.064
Most expensive tube parameters	0.069	14.05	1.04
SUPER tube parameters	0.065	14.15	1.22

### WHY SPECIAL PIPES ARE NEEDED FOR STAIR RAILS ?

The less the carbon, the better, rust in the room greater than 0.12; the higher the chromium, the better; the less than 18% will corrode; the higher the nickel, the better; the less than 8% will corrode.

### Robust and convenient packaging

In order to allow customers to get the steel pipe, the use is more convenient, the product is not damaged, we have done a lot of research work to ensure, from the beginning of the production of the pipe, we carried out a special study in consideration of every link in the installation of the railing. This is a problem that we pay special attention to, to ensure the production of qualified quality products, the bad factors caused by packaging, the collisions caused by short-distance transportation, and the problems arising from shipping, etc., comprehensively considering the combination of product quality and cost, and finally got the most Good packaging method.

#### Each tube is placed inside a plastic sleeve.

The plastic sleeve is the whole production, not the disjointed splicing. The tube is well protected in the plastic sleeve and there are no unnecessary scratches, so that you get the perfect ideal tube.

#### The package can withstand all kinds of bad weather such as rain, frost, snow and heat.

On rainy days, the tube can be hidden, no further packaging is required, the package is taken out of the package, dried with a cloth and dried properly, and it can be processed immediately.

#### Our packaging

Unlimited storage in dust, dirt, and oil environments. Although the exterior of the package is dirty, when you peel off the cartridge, it will shine like a new one without wiping the surface. Although it is placed for a while, it does not affect the easy-making of money.

#### Each tube is packaged in color coded

The black mark means the "TPN" tube and the red-counterfeit laser stamp is attached to the tube. The red mark is the super product. The "spices" blue mark means the 201 product, which will never make you wrong when used. The product is always your most assured product.

#### Each product has a label that you can easily identify

Each product will have a label corresponding to the standard and requirements, and it is not easy to make mistakes when shipping to your warehouse. If you have a malicious change, please rest assured that we also have corresponding trademarks and logos on the products. Our products have excellent surface treatment and reliable packaging, so you can use them with confidence.

#### High-grade packaging

We also offer our customers a package that is superior to their peers. We use high-grade packaging materials to wrap the product in a white, neat and safe outer sleeve. Our products stand out in many products, and you can easily see the high-quality stainless steel tubes that are wrapped safely.

#### Smart bale

We use a lot of tape to hold the tubes together and ensure that the products are not deformed, so that they can be easily stored and transferred during transportation. You can easily arrange them neatly, which saves your warehouse space.

#### Every nozzle we pass special treatment

We have strict quality control and process control, and the nozzle does not occur because the chemical composition of chromium and nickel changes after cutting, which causes the edge to rust.

#### Further protection of our packaging

According to our statistics, there are 64% of cases where the packaged packaging tape is easy to break. Therefore, we have taken care to avoid packaging damage in the medium term, so each package has an extra bondage at the top edge that effectively protects the outside from damage to the stainless steel tube and packaging.

#### Innovative design of the package will take into account the convenience of carrying staff.

We specify in what kind of specifications, how many bundles, and can be safely shipped and placed. We have studied the number of ways that our customers can sell and use the most convenient way, even if they don't break the package, they can be sold and put into use.

#### We can also provide the convenience of short-sized tubes for individual customers.

There are many customers who use stainless steel pipes for stair railings, and often use short-sized stainless steel pipes. We have designed some unique suggestions to make the pipe lengths 3.8 meters and 4.3 meters. In this way, you can save your budget for purchasing projects, and it is more convenient to buy the stair railings that we have tailored for you. The standard for the pipe market is 6 meters long, so this is good for your production and sales. We also have matching railings, and a means for you to use and purchase. Therefore, you can professionally solve the problems in the design and installation of stair railings, really saving you the cost of installing the balustrade. We have a sales and production experience of 1.62-83 meters of balustrades, which will provide you with real convenience and the best price. You choose our factory to serve you, this is the most correct choice.



## PERFECT FINISH

Be sure to pay attention to the finish of the product

### ✦ Excellent surface quality

We will strictly polish the handrails, although it is difficult to find scratches at a distance of 20m. It is necessary to know that the anti-rust properties of stainless steel contain a large amount of anti-rust chemical elements such as chromium and nickel, and good surface treatment can also effectively enhance the corrosion resistance.

### ✦ High standard mirror finish to 800# (BK).

Our high standard finishes meet the demanding and demanding customer requirements for surface treatment. The product will look like a mirror, so you don't have to re-polish the stainless steel tube that makes the stair rails.

### How does EPAI regulate the marking of stainless steel pipes?

[Prima] corresponding product is Aisi201

[Super] corresponding product is Aisi304

[Ultra] corresponding product is Aisi316L

### ✦ For the thickness identification of stainless steel tubes:

- (1) -Such as pipe thickness 2mm, prima5, super5, ultra5;
- (4) -Such as pipe thickness 1.7mm, prima4, super4, ultra4;
- (3) -Such as pipe thickness 1.5mm, prima3, super3, ultra3;
- (2) -Such as pipe thickness 1.35mm, prima2, super2, ultra2;
- (1) -Such as pipe thickness 1.2mm, prima1, super1, ultra1;
- (0) -Such as pipe thickness 1.0mm, prima0, super0, ultra0;

### ✦ For the definition of the quality of stainless steel tube polishing:

- (+) Premium polishing method, 900# level;
- (-) Conventional polishing method, 600# level;
- (-) Degraded polishing method, 500# level;

For example: the diameter is 36 round tubes, the material is A53316L, the wall thickness is 1.5 thick, and the surface treatment is 600#.



### ✦ Ingenious craftsmanship ensures that the weld has no hand-welded welds and is hard to find with the naked eye.

Our special welding process, leading technology and industry level, is difficult to find with the naked eye, and has a comfortable and comfortable feel.

### ✦ Confident and firm support

Our BK series stainless steel tubes are truly mirror-finished, the highest standard in the industry, with brightness and finish really reaching 90#. Please note that this is not chrome plating, but the results of our many years of production experience and a large number of experiments, and really do it for you.



Method: Fe-30.F  
Comment: Cr-Cu/Ni steel - F  
Type Standard: 316-11380a  
Sample Name:

	C	Si	Mn	P	S	Cr	Ni	N
***10	0.044	0.011	0.001	0.0005	0.0015	0.06	1.06	0.010
	Al	Sn	Cu	Mo	W	Fe	Co	Mo
***10	0.0012	0.001	0.0005	0.010	0.0005	0.0007	0.0005	0.0005
	Bi	As	Sr	B	Pb	Se	Ag	Te
***10	0.0005	0.0015	0.0005	0.0005	0.0	0.0005		



## PRODUCT QUALITY CONTROL

Quality assurance parts, multi-stage quality control enhances the company's reputation and positions our stainless steel railings and components.

### ✦ Prior to the quality control of the first metal manufacturing.

The first batch produced metal, through visual control and forced control of chemical composition. After the quality control engineer successfully passed the test, the metal entered the production workshop. This is a very important stage. If at this stage, the first year of work quality control system from 20 suppliers, only two large factories that meet all our requirements, these products are of high value, but we determine ourselves. This is very important to us, and we hope that our partners can appreciate this.

### ✦ What about the conveyor belt on the details

Compliance with dimensional control during production, control before packaging

### ✦ Warehouse Shipping - Finishing Control

After three stages of quality control, packaging, label inspection, we believe that the inspection control system is the best, no one else in China to do such a thing. And you can't see the extra charge for these services in the price list, you only see the price of the excellent substrate.

# FLEX GLASS HANDRAIL

The FLEX GLASS HANDRAIL series balustrades is an artistic expression, combining lines and surfaces, and is an innovative modular system. The armrests and handrails are joined together by round tubes and their respective glass panels to form a closed glass side rail. Without sacrificing safety, FLEX GLASS ensures a cleaner, more beautiful, and softer space effect by combining the glass structure of stainless steel rails. This installation eliminates the need for the soldering process, but uses different connection fittings to connect them between the components through glue and/or rivets. This guarantees quick installation (installation of the customer's house in the shortest time), perfect cleaning, and a completely satisfactory job for the customer. AISI 304 stainless steel can be used indoors, and AISI 316 stainless steel can be used in seaside or harsh environments. FLEX GLASS provides polishing or brushed options. Suitable for 8 MM thick glass.





### POST TERMINAL GLASS

**AISI 304**

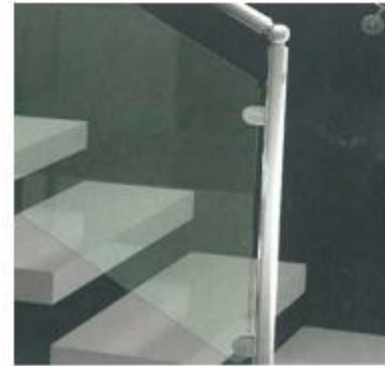
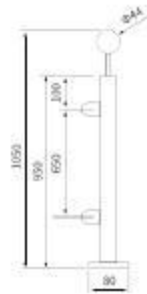
EP-1001IP Post terminal glass polished

EP-1001IE Post terminal glass satin

**AISI 316**

EP-1001IP Post terminal glass polished

EP-1001IE Post terminal glass satin



### POST WITHOUT NECK

**AISI 304**

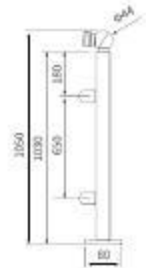
EPC0450P Post without neck polished

EPC0450E Post without neck satin

**AISI 316**

EPC0450P Post without neck polished

EPC0450E Post without neck satin



### POST MIDDLE GLASS

**AISI 304**

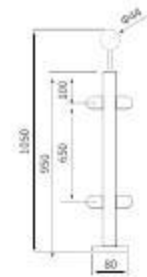
EP-1002IP Post middle glass polished

EP-1002IE Post middle glass satin

**AISI 316**

EP-1002IP Post middle glass polished

EP-1002IE Post middle glass satin



### POST GLASS FIXING DISK

**AISI 304**

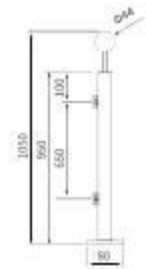
EP-0250IP Post glass fixing disk polished

EP-0250IE Post glass fixing disk satin

**AISI 316**

EP-0250IP Post glass fixing disk polished

EP-0250IE Post glass fixing disk satin



### POST CORNER GLASS

**AISI 304**

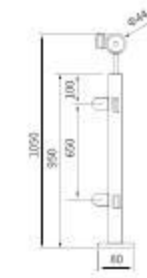
031IP Post corner glass polished

031IE Post corner glass satin

**AISI 316**

031IP Post corner glass polished

031IE Post corner glass satin



### POST GLASS FIXING DISK WITHOUT NECK

**AISI 304**

EP-0250IP Post glass fixing disk without neck polished

EP-0250IE Post glass fixing disk without neck satin

**AISI 316**

EP-0250IP Post glass fixing disk without neck polished

EP-0250IE Post glass fixing disk without neck satin





## AHEAD OF ARTWARE

New project one of the  
projects newly born  
from artware



## ODM&OEM

Any kinds of **Stainless steel fittings and pipes**

You want

High Technology And Perfect After-Sale Service Always Provided For You.

VARIOUS SPECIES

HIGH QUALITY

SECURE AND PRACTICAL





### HP950-1

**Material**

SUS 304/316 Stainless Steel

Ø	A	B	C	D
42.4x1.5	200	550	200	950
58.8x1.5				

304 316



### HP950-4

**Material**

SUS 304/316 Stainless Steel

Ø	A	B	C	D
42.4x1.5	200	550	200	950
58.8x1.5				

304 316



### HP950-2

**Material**

SUS 304/316 Stainless Steel

Ø	B	H
50.8x1.5	80	950

304 316



### HP950-5

**Material**

SUS 304/316 Stainless Steel

Ø	A	B	C	D
42.4x1.5	200	550	200	950
58.8x1.5				

304 316



### HP950-3 Post Cap Glass

**Material**

SUS 304/316 Stainless Steel

Ø	B	H
50.8x1.5	80	950

304 316

### HP1100-1 Side Mounting

**Material**

SUS 304/316 Stainless Steel

Ø	A	B	C	D
42.4x1.5	200	550	200	1100
58.8x1.5				

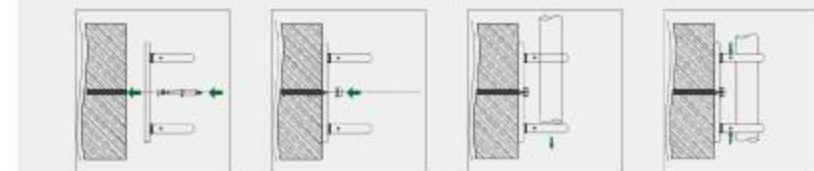
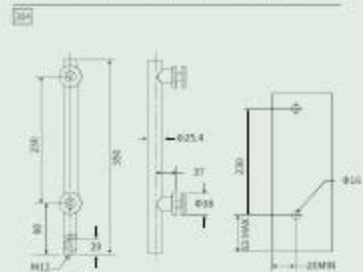
304 316





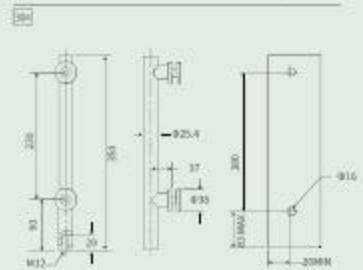
**HP-350-1**

**Material** SUS 304 Stainless Steel  
**Top/Screen** 10-12mm Tempered glass



**HP-350-2**

**Material** SUS 304 Stainless Steel  
**Top/Screen** 10-12mm Tempered glass



**HBP-01**

**Material** SUS 304 Stainless Steel  
**Size** Ø51 / Ø42.4 / Ø33mm  
**Color**



**HBP-02**

**Material** SUS 304 Stainless Steel  
**Size** Ø51 / Ø42.4 / Ø33mm  
**Color**



**HBP-03**

**Material** SUS 304 Stainless Steel  
**Size** Ø51 / Ø38mm  
**Color**



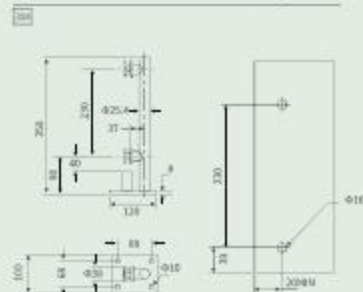
**HBP-04**

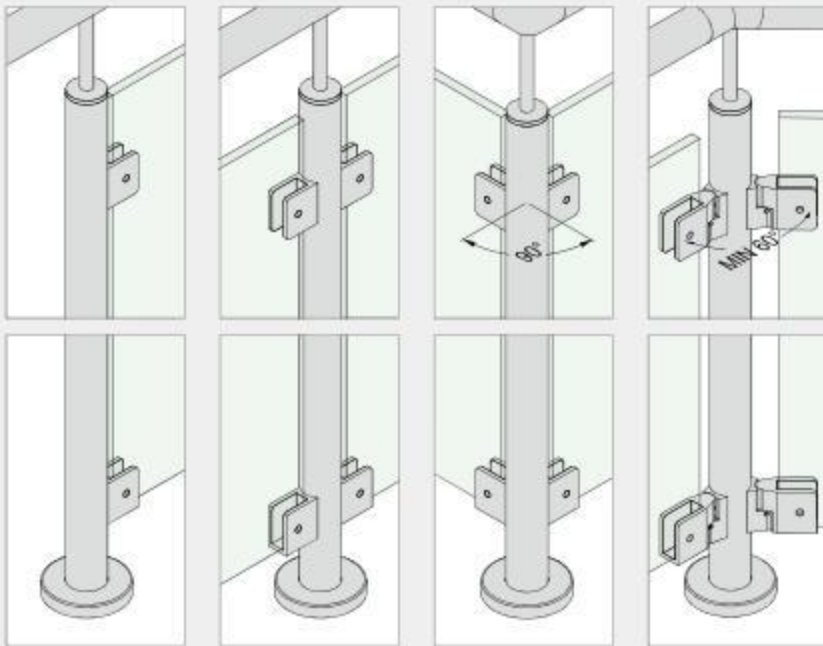
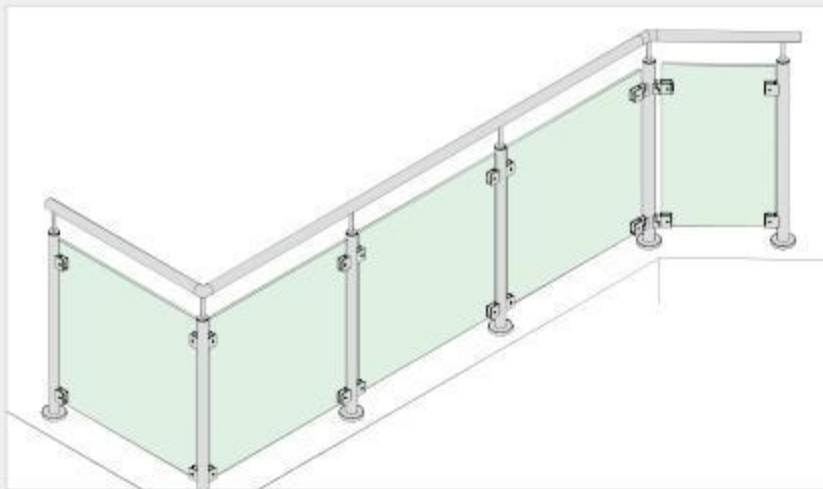
**Material** SUS 304 Stainless Steel  
**Size** 8 / 10 / 12mm  
**Color**



**HP358-1**

**Material** SUS 304 Stainless Steel  
**Top/Screen** 10-12mm Tempered glass





**GPR-3540-01**

**Material**

SUS 304 Stainless Steel

U	U	U	U
25	40	8 LL	42,4/48,3/50F

**304 316**



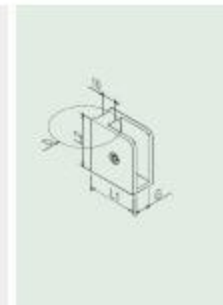
**GPR-3540-02**

**Material**

SUS 304 Stainless Steel

U	U	U	U
25	40	8 LL	42,4/48,3/50F
45	50	30-213	42,4/48,3/50F

**304 316**



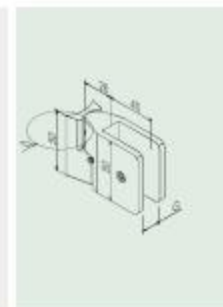
**GPR-3540-03**

**Material**

SUS 304 Stainless Steel

U	U
20-23,5	42,4
	48,3
	58 F

**304 316**



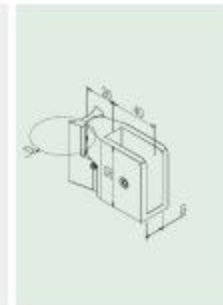
**GPR-3540-04**

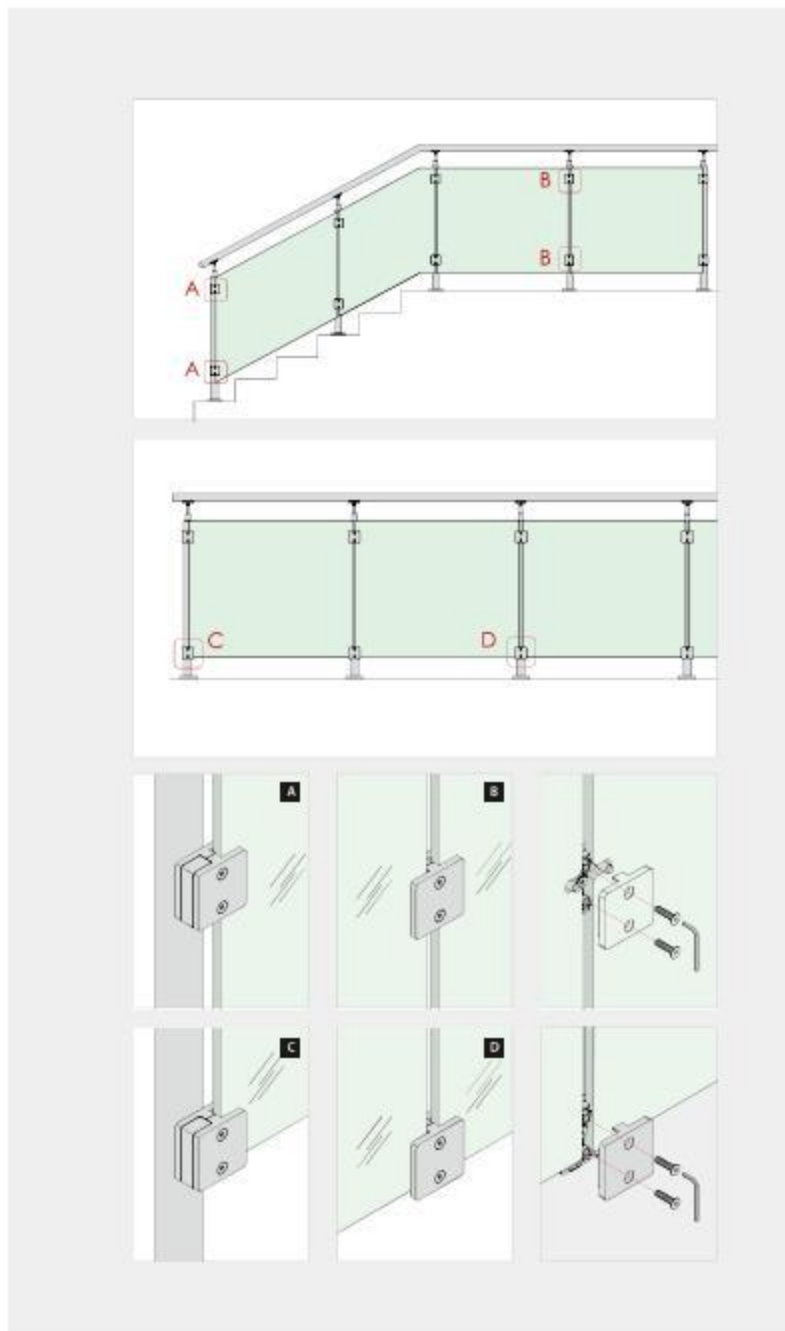
**Material**

SUS 304 Stainless Steel

U	U
20-23,5	42,4
	48,3
	58 F

**304 316**





**GPDOUBLE-6060-01**

**Material:**  
SUS 304 Stainless Steel

G	0
H-13.5	42.4
	46.3
	58.8

304 316



**GPDOUBLE-6060-02**

**Material:**  
SUS 304 Stainless Steel

G	0
H-13.5	42.4
	46.3
	58.8

304 316

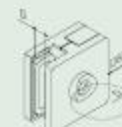


**GPSINGLE-6060-01**

**Material:**  
SUS 304 Stainless Steel

G	0
H-13.5	42.4
	46.3
	58.8

304 316

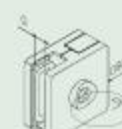


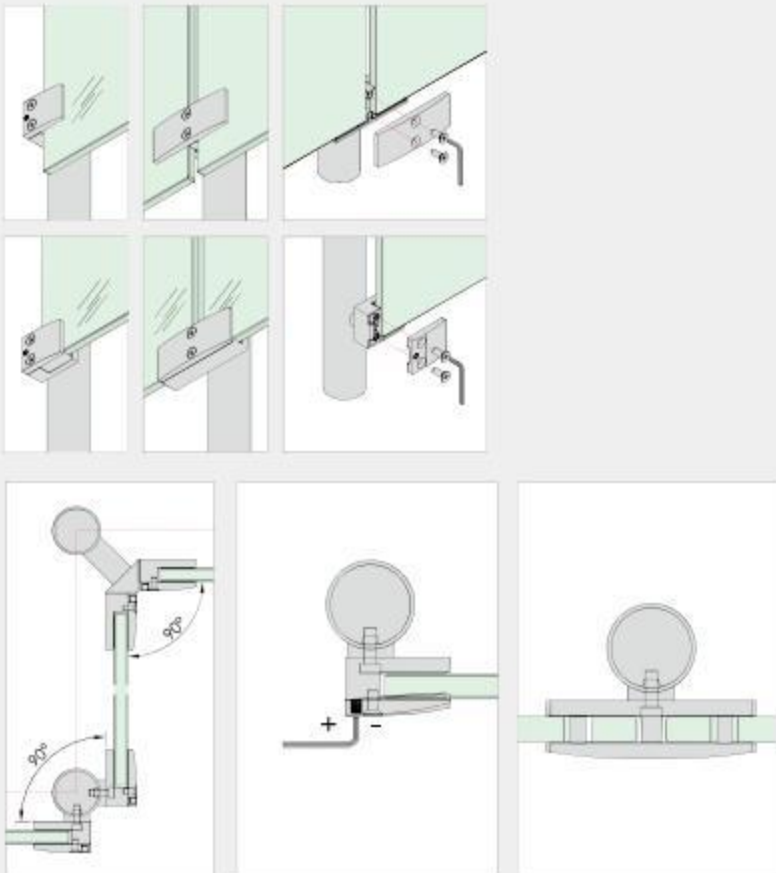
**GPSINGLE-6060-02**

**Material:**  
SUS 304 Stainless Steel

G	0
H-13.5	42.4
	46.3
	58.8

304 316





**GPSINGLE-4050-01**

**Material**

SUS 304 Stainless Steel

C	0
10-11.1	42.4
	48.3
	50.8

ISO 118



**GPSINGLE-4050-02**

**Material**

SUS 304 Stainless Steel

C	0
10-11.1	42.4
	48.3
	50.8

ISO 118



**GPDOUBLE-40100-01**

**Material**

SUS 304 Stainless Steel

C	0
10-11.1	42.4
	48.3
	50.8

ISO 118



**GPDOUBLE-40100-02**

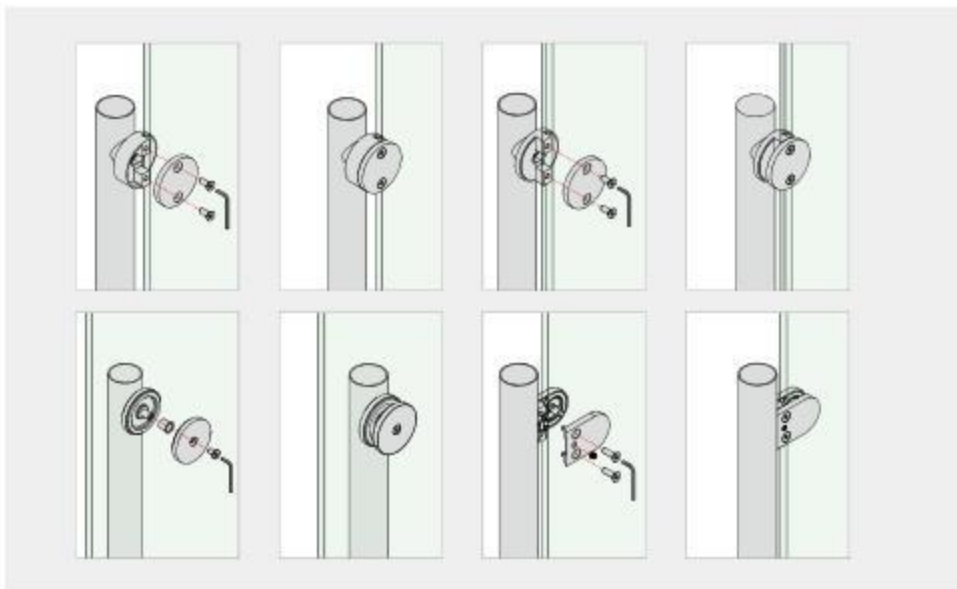
**Material**

SUS 304 Stainless Steel

C	0
10-11.1	42.4
	48.3
	50.8

ISO 118





**GPR-60-03**

**Material**  
SUS 304 Stainless Steel

Ø	Ø
19-13.5	42.4
	48.2
	58.8



**GPR-6245**

**Material**  
SUS 304 Stainless Steel

11	12	Ø	Ø
42	45	6.12	42.4/45.1/48.8
52	55	9.13	42.4/50.2



**GPR-DOUBLE-60-01**

**Material**  
SUS 304 Stainless Steel

Ø	Ø
19-13.5	42.4
	48.2
	58.8



**GPR-SINGLE-60-02**

**Material**  
SUS 304 Stainless Steel

Ø	Ø
19-13.5	42.4
	48.2
	58.8



**GPR-5453**

**Material**  
SUS 304 Stainless Steel

Ø	Ø
6-17	42.4
	48.2
	58.8



**GPR-6055**

**Material**  
SUS 304 Stainless Steel

Ø	Ø
6-17	42.4
	48.2
	58.8





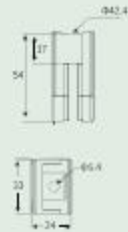
**GPR-2433** Glass clamp

**Material**  
SUS 304 Stainless Steel

**Thickness**  
8-12mm Tempered glass

**Finishes available**  
Satin Stainless Steel SS  
Polished Stainless Steel PPS

304



**GPR-2424** Glass clamp

**Material**  
SUS 304 Stainless Steel

**Thickness**  
8-12mm Tempered glass

**Finishes available**  
Satin Stainless Steel SS  
Polished Stainless Steel PPS

304



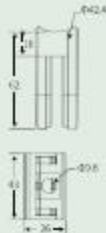
**GPR-2643** Glass clamp

**Material**  
SUS 304 Stainless Steel

**Thickness**  
8-12mm Tempered glass

**Finishes available**  
Satin Stainless Steel SS  
Polished Stainless Steel PPS

304



**GPR-2633** Glass clamp

**Material**  
SUS 304 Stainless Steel

**Thickness**  
8-12mm Tempered glass

**Finishes available**  
Satin Stainless Steel SS  
Polished Stainless Steel PPS

304



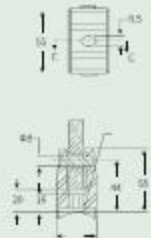
**GPR-4455** Glass clamp

**Material**  
SUS 304 Stainless Steel

**Thickness**  
8-12mm Tempered glass

**Finishes available**  
Satin Stainless Steel SS  
Polished Stainless Steel PPS

304



**GPR-3560** Glass clamp

**Material**  
SUS 304 Stainless Steel

**Thickness**  
8-12mm Tempered glass

**Finishes available**  
Satin Stainless Steel SS  
Polished Stainless Steel PPS

304



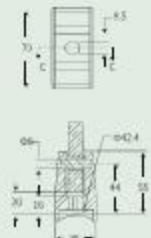
**GPR-3570** Glass clamp

**Material**  
SUS 304 Stainless Steel

**Thickness**  
8-12mm Tempered glass

**Finishes available**  
Satin Stainless Steel SS  
Polished Stainless Steel PPS

304



# FLEX GLASS SQUARE HANDRAIL

FLEX GLASS SQUARE HANDRAIL is an innovative modular system with guardrails, utility poles made of **40mm** square tubes and side sealing panels with **8mm** tempered glass. This is in line with the wishes of architects and designers, and the EU has joined the different elements of the EU and is easy to use for cleaning. In their work. The use of a square tubular structure provides a clean and beautiful appearance of a closed glass panel, transparent design and functionality, and combines works to appreciate your house. Its installation using solder is completely dispensed with by working by cutting the pipes between each other and connecting these parts by using adhesives and/or rivets. This ensures quick installation, cleansing and finishing work, and complete satisfaction with the customer. It can be made of **AISI 304** for indoor use or **AISI316** for outdoor and seaside use of stainless steel. It can be polished or brushed. It can also be customized to make other colors (gold, **mat black**, etc.)



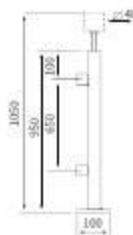




**POST SQUARE TERMINAL GLASS**

**AISI 304**

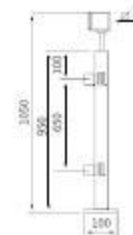
- EPC163IP  
Post square external bar 10mm polished
- EPC163IE  
Post square external bar 10mm satin



**POST SQUARE CORNER GLASS**

**AISI 304**

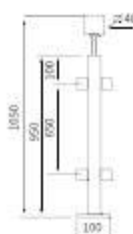
- EPC163IP  
Post square corner glass polished
- EPC163IE  
Post square corner glass satin



**POST SQUARE MIDDLE GLASS**

**AISI 304**

- EPC182IP  
Post square external bar corner 10mm polished
- EPC182IE  
Post square external bar corner 10mm satin



**POST SQUARE SMOOTH**

**AISI 304**

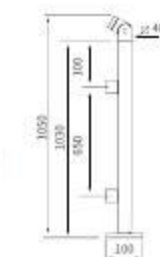
- EPC173IP  
Post square smooth polished
- EPC173IE  
Post square smooth satin



**POST SQUARE WITHOUT NECK GLASS**

**AISI 304**

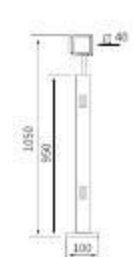
- EPC172IP  
Post square without neck external bar 10mm polished
- EPC172IE  
Post square without neck external bar 10mm satin



**POST SQUARE SMOOTH CORNER**

**AISI 304**

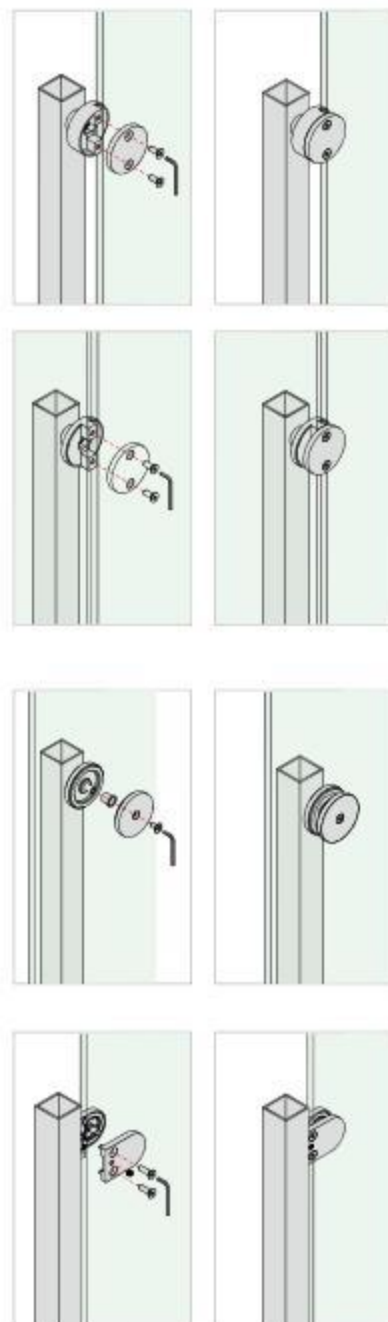
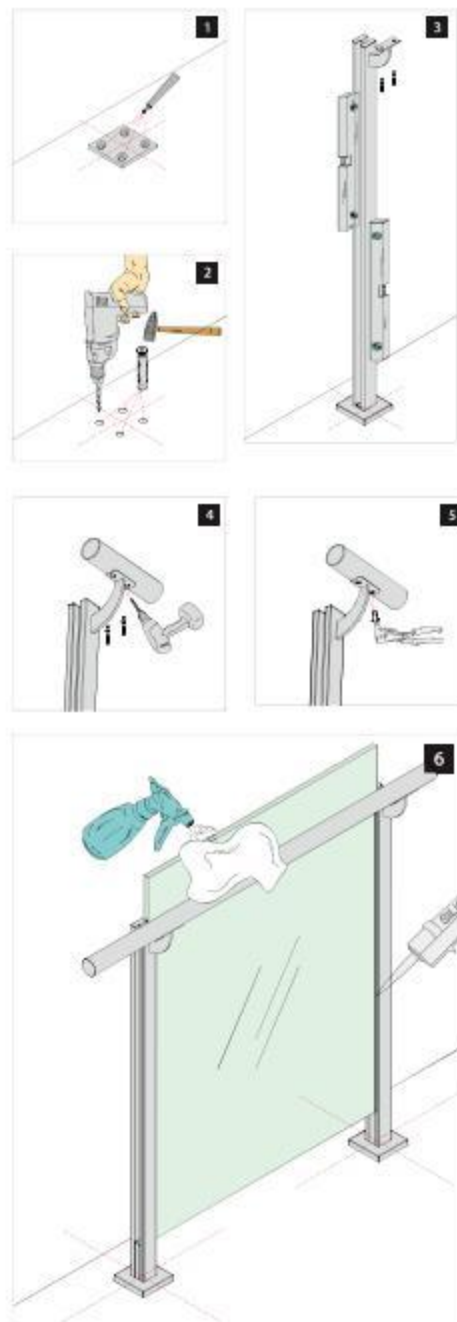
- EPC300IP  
Post square smooth corner polished
- EPC300IE  
Post square smooth corner satin





**HP870-4**

<b>Material</b>	SUS 304 Stainless Steel				
<b>Size</b>	Ø	H	B	C	D
	42x1,5	220	300	70	67
	Ø18x1,5				
	104	118			



**GRS-DOUBLE-60-01**

<b>Material</b>	SUS 304 Stainless Steel	
<b>Thickness</b>	10-13.5mm Tempered glass	
	104	



**GRS-SINGLE-60-02**

<b>Material</b>	SUS 304 Stainless Steel	
<b>Thickness</b>	10-13.5mm Tempered glass	
	104	



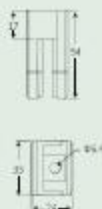
**GRS-60-03**

<b>Material</b>	SUS 304 Stainless Steel	
<b>Thickness</b>	10-13.5mm Tempered glass	
	104	



**GPS-2433** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-12mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SUS Polished Stainless Steel PPS
<b>Code</b>	



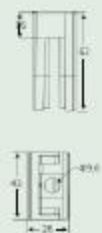
**GPS-2424** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-10mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SUS Polished Stainless Steel PPS
<b>Code</b>	



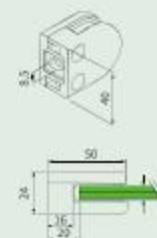
**GPS-2643** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-12mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SUS Polished Stainless Steel PPS
<b>Code</b>	



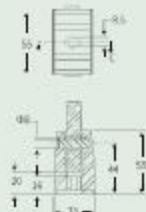
**GPS-2633** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-10mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SUS Polished Stainless Steel PPS
<b>Code</b>	



**GPS-4455** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-12mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SUS Polished Stainless Steel PPS
<b>Code</b>	



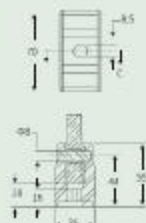
**GPS-3560** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-10mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SUS Polished Stainless Steel PPS
<b>Code</b>	



**GPS-3570** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-12mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SUS Polished Stainless Steel PPS
<b>Code</b>	





**GPS-3535** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-10mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SSS Polished Stainless Steel PPS
<b>Code</b>	



**GPS-4545** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-10mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SSS Polished Stainless Steel PPS
<b>Code</b>	



**GPS-6050** Glass clamp

<b>Material</b>	SUS 304 Stainless Steel
<b>Thickness</b>	8-10mm Tempered glass
<b>Finishes available</b>	Satin Stainless Steel SSS Polished Stainless Steel PPS
<b>Code</b>	





**GPS-2450**

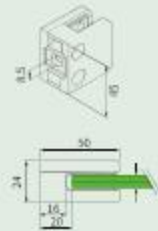
**Material**

SUS 304 Stainless Steel

**Thickness**

10-12.5mm Tempered glass

304



**GPS-124**

**Material**

SUS 304 Stainless Steel

**Thickness**

10-12.5mm Tempered glass

304



**GPS-6245**

**Material**

SUS 304 Stainless Steel

**Size**

L1	12	G
G1	45	4-12
G2	30	0-30

304 304



**GPS-5560**

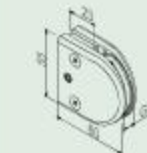
**Material**

SUS 304 Stainless Steel

**Size**

C	
H-12	

304 304



**GPS-5354**

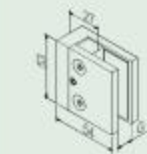
**Material**

SUS 304 Stainless Steel

**Size**

C	
H-22	

304 304





### HP-950-12

**Material**

SUS 304 Stainless Steel

**Size**

Φ	A	B	C	D
42x1.5	200	150	200	160
50x1.5				

304 316



### HP-950-13

**Material**

SUS 304 Stainless Steel

**Size**

Φ	B	H
42x1.5	80	100
50x1.5		

304 316



### HP-950-14

**Material**

SUS 304 Stainless Steel

**Size**

Φ	A	B	C	D
42x1.5	150	250	200	160
50x1.5				

304 316



### HP-870-5

**Material**

SUS 304 Stainless Steel

**Size**

Φ	A	B	C	D
42x1.5	220	150	200	170
50x1.5				

304 316



### HP-870-6

**Material**

SUS 304 Stainless Steel

**Size**

Φ	A	B	C	D
42x1.5	210	150	200	170
50x1.5				

304 316



### HP870-7

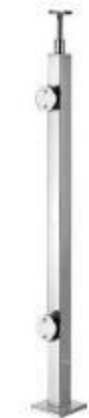
**Material**

SUS 304 Stainless Steel

**Size**

Φ	A	B	C	D
42x1.5	210	150	200	170
50x1.5				

304 316





# SPIGOT POST

SERIES

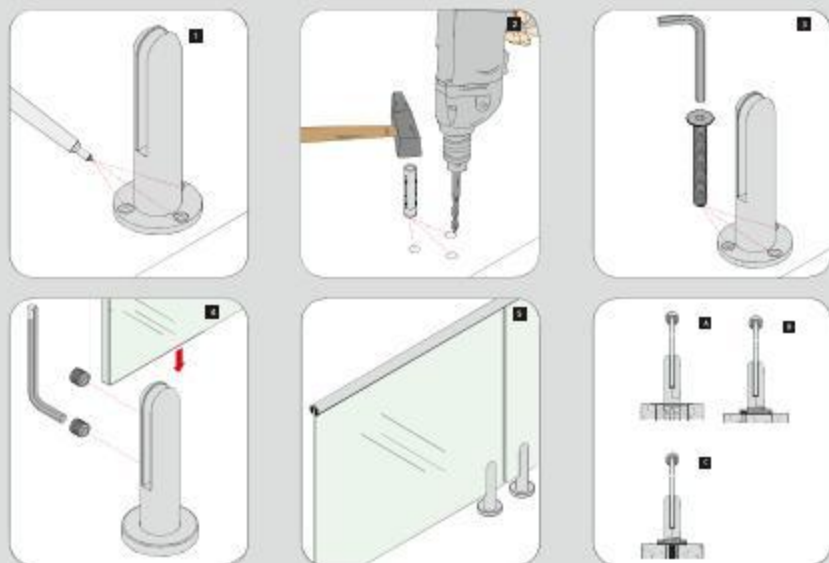


## FLEX ENCAIXE SPIGOT POST

The extended channel line glass railing is an innovative modular system featuring a large number of protective railings laminated with tempered glass sheets and a simple metal element **AISI 304** stainless steel. This combination guarantees the absolute prevalence of glass as an architectural element. The guardrail glass is fixed to a metal glass clamp pre-installed on the floor. A **42mm** grooved round tube can be nested in the upper part of the glass to help create an overall protection. The upper part of the glass can also be completely opened, and a **U**-shaped stainless steel plate is added for connection extension to make it integral. The system can be used freely in the attic stair railing, on the fence, the minimalist and clean decorative elements are vividly reflected. Unobstructed vision provides a very clean glass look, transparent and beautiful pieces that combine design and functionality and enhance the aesthetics and comfort of your home. They completely abandon the work of using welding mechanisms by cutting the pipes between each other and connecting these parts by using adhesives and/or rivets. This ensures quick installation and cleaning work, perfect completion, and fully meets the customer's work for delivery. It can be made of stainless steel for **AISI 304** indoor use or **AISI 316** outdoor and swimming pool. It can be polished or brushed. You can also follow the customer's request to make other colors (gold, matt black, etc.)



Frameless railing spigot



**EPSPIGOT-01**

**Material** SUS 304 StainlessSteel **Thickness** 10-17.5mm Tempered glass

304 316



**EPSPIGOT-02**

**Material** SUS 304/316 StainlessSteel **Thickness** 10-17.5mm Tempered glass

304 316



**EPSPIGOT-03**

**Material** SUS 304/316 StainlessSteel **Thickness** 10-12mm Tempered glass

304 316



**EPSPIGOT-04**

**Material** SUS 304/316 StainlessSteel **Thickness** 10-12mm Tempered glass

304 316



**EPSPIGOT-05**

**Material** SUS 304/316 StainlessSteel **Thickness** 10-12.5mm Tempered glass

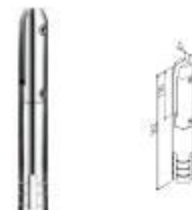
304 316



**EPSPIGOT-06**

**Material** SUS 304/316 StainlessSteel **Thickness** 10-12mm Tempered glass

304 316



**EPSPIGOT-07**

**Material** SUS 304/316 StainlessSteel **Thickness** 10-12mm Tempered glass

304 316



**EPSPIGOT-08**

**Material** SUS 304/316 StainlessSteel **Thickness** 10-12mm Tempered glass

304 316



**EPSPIGOT-09**

Material	Thickness
SUS 304/316 StainlessSteel	10-17.5mm Tempered glass H:22.0mm

[304](#) [316](#)



**EPSPIGOT-10**

Material	Thickness
SUS 304/316 StainlessSteel	10-17.5mm Tempered glass H:22.0mm

[304](#) [316](#)



**EPSPIGOT-13**

Material	Thickness
SUS 304/316 StainlessSteel	10-13.5mm Tempered glass

[304](#) [316](#)



**EPSPIGOT-14**

Material	Thickness
SUS 304/316 StainlessSteel	10-12mm Tempered glass

[304](#) [316](#)



**EPSPIGOT-11**

Material	Thickness
SUS 304/316 StainlessSteel	10-12mm Tempered glass

[304](#) [316](#)



**EPSPIGOT-12**

Material	Thickness
SUS 304/316 StainlessSteel	10-17.5mm Tempered glass

[304](#) [316](#)



**EPBR-ROSE-1**

Material	Thickness
SUS 304/316 StainlessSteel	φ 45/50mm × 5mm

[304](#) [316](#)



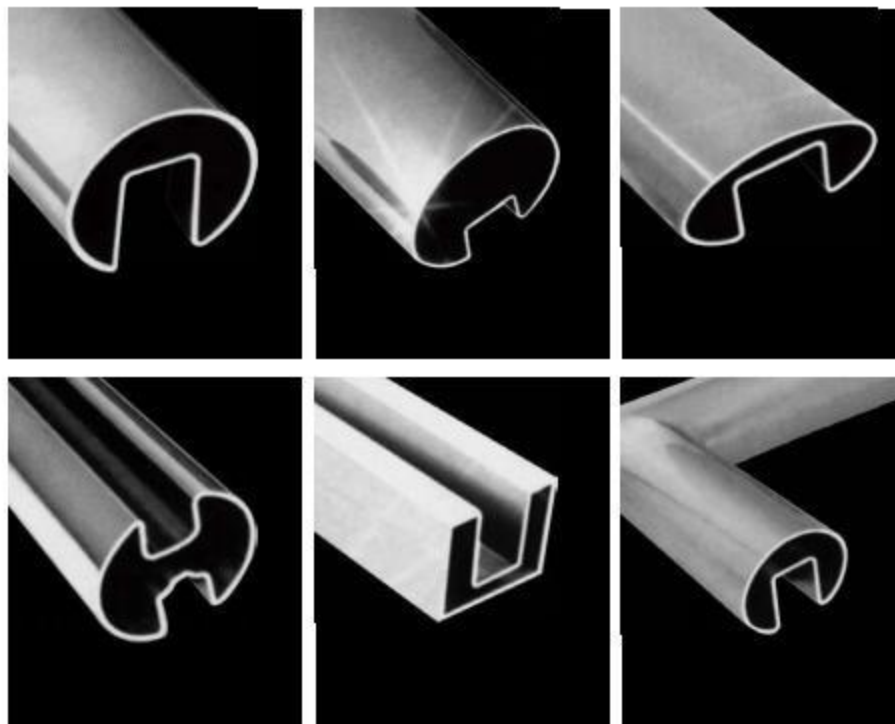
**EPBR-ROSE-2**

Material	Thickness
SUS 304/316 StainlessSteel	φ 45/50mm × 5mm

[304](#) [316](#)



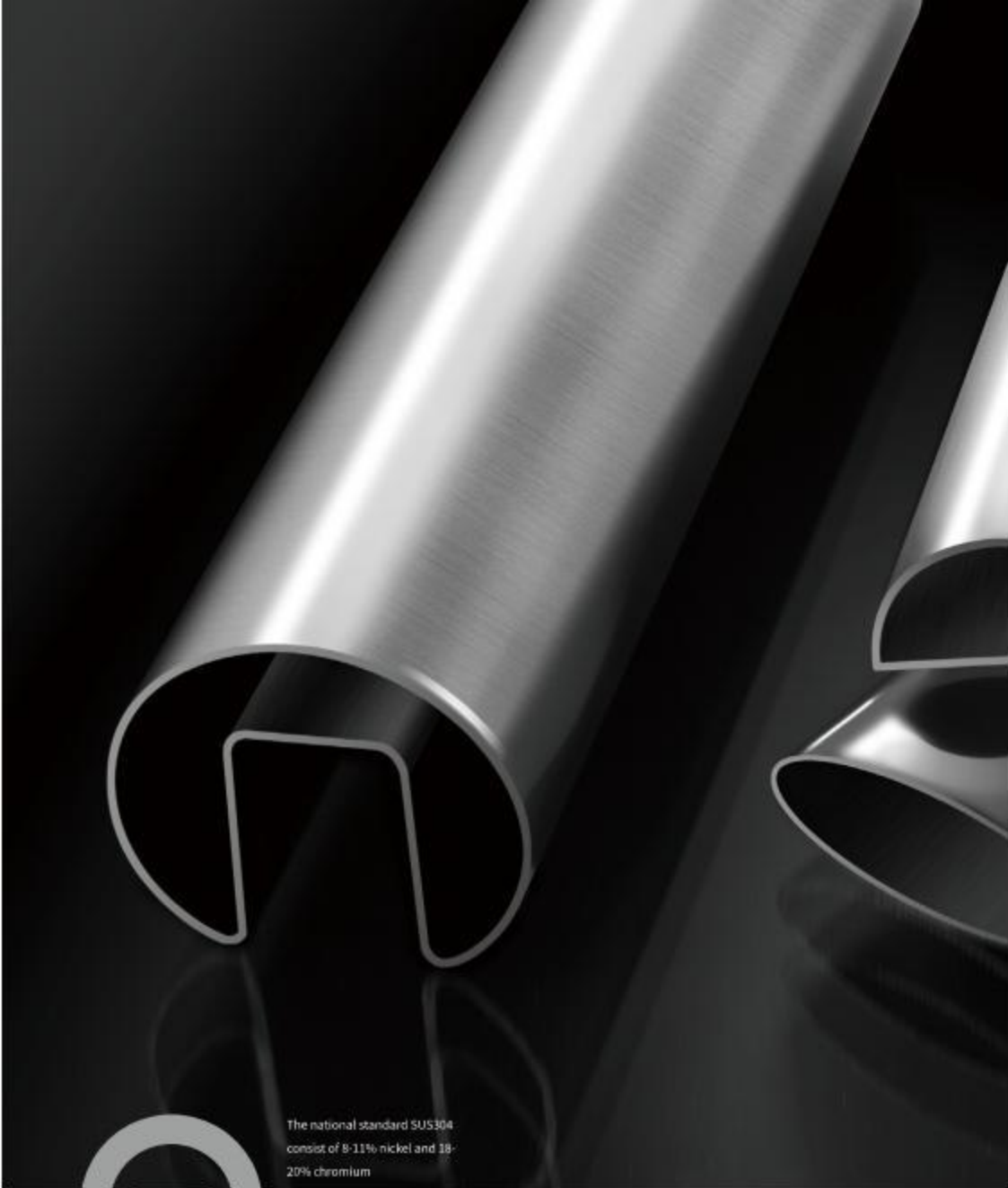
Release the creativity and inspiration in life



## Groove tube

Satin(S5S) / Polished(P5S) Stainless Steel

Groove tube of stainless steel (stainless steel single groove tube, stainless steel double groove tube), stainless steel square tube double tank, stainless steel round tube double tank, stainless steel elliptical double groove and so on, and irregular shape of the stainless steel pipe: trapezoidal tubes, mushroom and so on; groove tube is mainly used in holding glass, high-grade handrails, the irregular shape of the stainless steel pipe will make according to needs.



The national standard SUS304 consist of 8-11% nickel and 18-20% chromium



## Groove tube



**U-Groove**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**Groove Tube**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Joint-01**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Joint-05**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Joint-06**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Joint-07**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Joint-02**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Joint-03**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Joint-04**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Flange-01**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Cover-01**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



**GTA-Cover-02**

**Material**  SUS 304 Stainless Steel  40mm  
**Size**  40mm



## Stock program of stainless steel pipes

The standard length of all pipes is 6 meters, unless otherwise specified. Some articles are supplied in sizes specially designed for stair railings. This helps to reduce waste when working on short and medium marches.

Since it is impractical to weld straight sections from cuttings, we have developed a special cut, supplied directly from the factory. Thanks to the optimally selected length of the factory pipe, you can save an extra 10% on the same volume.

For example, pipes Ø50.8mm and Ø60.3mm are supplied at 3.8 meters. This length is specially designed for short flights.

In 12-13 steps, this pipe has the article number K807-38 or K815-38. The second pipe of a convenient length is 4.3 meters, for medium flights

in 12-13 steps, has the article number K807-43 and K815-43. All pipe products of our company are packed in standard oblongs with a certain number of pipes inside. For example, for pipes Ø50.8x1.5 standard packaging is 5 pieces, for pipes Ø38.1x1.5 - 10 pieces.

Article numbers K829 and K849 (pipe Ø38.1, used for uprights) is supplied not only in the standard length of 6 meters, but also cut in 1 meter in 10 packages of 10 pieces.

ROUND TUBE									
STAINLESS STEEL GRADE	Ø12x1.5mm	Ø16x1.5mm	Ø25x1.5mm	Ø32x1.5mm	Ø38x1.5mm	Ø42x1.5mm	Ø50x1.5mm		
POLISHED	AISI201	K801-2, RK802	K803, K813, RK813	K850, RK850	K805, K815, RK815 K805-38(3.8M), K805-43(4.3M), K815(1M)	RK845-2	K802, K817, RK817 K807-38(3.8M), K807-43(4.3M)		
		AISI304	K848-2p, RK852	K853, RK853	RK850-2	RK879	K854, RK854 K842-2, K849-2(2M)	RK845	K855, RK855 K844-2
			AISI304L (SUPER)		K840			K842, K849(2M)	K844, K849
AISI316L (ULTRA)		K860				K862	K864		
GRINDED	AISI201	K801-3	K811-2		B14-2		B16-2		
		AISI304L (SUPER)	K848-2s	K853-2		RK854-3		RK816	

SHAPED TUBE							
STAINLESS STEEL GRADE	15x15x1.5mm	20x20x1.5mm	40x20x1.5mm	40x40x1.5mm	60x40x1.5mm	50x25x1.5mm	50x50x1.5mm
POLISHED	AISI201			RK808, K806			
	AISI304	RK876	RK873	RK876	RK866	RK874	RK872
	AISI304L (SUPER)			K866			

## SPECIAL PIPE Ø25MM FOR FENCES IN KINDERGARTENS

When installing the railing, the vertical stand "tubes" the perforated pipe, which simplifies installation and eliminates bounce.

It is enough two such tubes between the posts (even inside the axis of the fence, at least from the inside of the march), and you can safely fill the holes with equal sections of pipe Ø16 mm or Ø12 mm.

We have already taken care to make the pipe well strong enough to provide the necessary elasticity, but at the same time we have retained the ability to install internal vertical elements of the stockade even at an angle.

### Pipe for children's fences

K831	For filling Ø12
K833	For filling Ø16



## RUBBER SEALS

Groove Size	Glass 10mm	Glass 12mm	Glass 16mm (Ø+0)	Glass 20mm (1.0±0.10)
24x24	K309	K301	K303	K310
27x30	K305	K306	K307	K308
34x34		K311		

## Custom tube

Each grooved tube is packed in an individual heavy-duty cardboard tube to maintain a perfect polished tube surface during transport from the factory to the installation site.

## STAINLESS STEEL GRADE

	40x40x1.5mm	Ø42.4x1.5mm	Ø48.3x1.5mm	40x60x1.5mm	Ø50.8x1.5mm	Ø60.3x1.5mm
AISI201		K820	K822, K822-2	K824-4 K824-5		K821-2
AISI304	K856	K820-3	K822-3	K824-2 K824-3	K828-2	K821-1
AISI304L			K822-4			
AISI316L		K827	K822-5			

## PIPES TO ORDER



Provide grooved round pipe classification according to requirements:

Diameter mm	Groove mm	Wall thickness mm
38.1	15x15	1.5-2.0
38.1	23.8x13	1.5-2.0
42.3	18.7x24	1.5-2.0
42.4	24x24	1.5-2.0
42.4	12x15	1.5-2.0
48.3	18.7x31.8	1.5-2.0
48.3	27x20	1.5-2.0
50.8	13.9x15	1.5-2.0
50.8	13x15	1.5-2.0
50.8	20x20	1.5-2.0
60.3	15x15	1.5-2.0
60.3	20x20	1.5-2.0
60.3	25x25	1.5-2.0
76	25x25	1.5-2.5
60.3	25x40	1.5-2.5



Classification requirements for oval tubes:

Diameter mm	Wall thickness mm
24.5x48	0.8-2.3
38x23	0.8-2.3
46x26	0.8-2.3
50x20	1.0-3.0
60x20	1.0-3.0
62x13	0.8-2.3
75x42	0.8-2.3
110x40	1.0-3.0



Rectangular tubes with grooves are available upon request:

Diameter mm	Groove mm	Wall thickness mm
50x50	20x20	1.35-2.0
40x40	20x20	1.35-2.0
31.9x31.8	20x20	1.35-2.0
39x25	20x20	1.35-2.0
71x20	15x17	1.35-2.0
75x45	38x35	1.35-2.0
40x40	15x15	1.35-2.0
80x40	15x24	1.35-2.0
145x145	25x27	1.35-2.0
80x40	15x23	1.35-2.0
85x40	25x23	1.35-2.0

## ATTENTION!

A strip of stamps is prepared in our warehouse.

PRIMA (AISI 201) SUPER (AISI 304L) ULTRA (AISI 316L)

Thickness 1.5 mm. The Production Time For Any Profile Is Additional 14 Days. Non Standard Thicknesses And Steel Grades An Additional 7 Days. New Tube Shapes With Groove For Additional 1 Month.



Provide elliptical pipe fittings with grooves on request:

Diameter mm	Groove mm	Wall thickness mm
Ø160	25x30	1.35-2.8
Ø840	34x24	1.35-2.8
Ø1040	33x26	1.35-2.8



Provide elliptical pipe fittings with grooves on request:

Diameter mm	Groove mm	Wall thickness mm
50.8	15x15	1.0-2.5
76.2	25x25	1.0-2.5



Varieties of custom stacks:

Diameter mm	Wall thickness mm
20x20	0.8-2.0
25x25	0.8-2.0

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## EP STAIR RAILING

Stair railing

---

# Standoffs Series

楼梯扶手



Let you enjoy delicate life

## STAINLESS STEEL STANDOFFS



EPSTANDOFFS-01



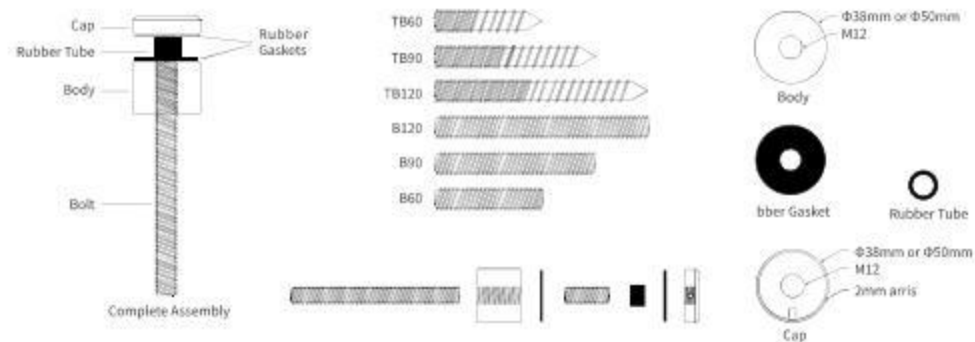
EPSTANDOFFS-01



EPSTANDOFFS-03



EPSTANDOFFS-04



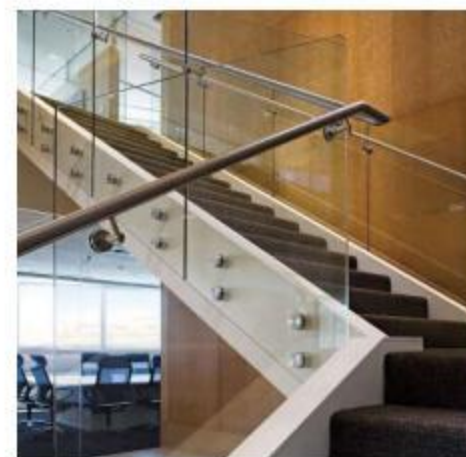
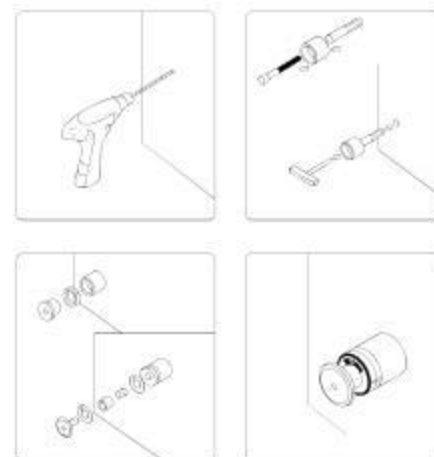
### Product Description

Item	Diameter	Body Height	Cap Height
SOR3810	Φ38mm	10mm	10mm
SOR3820	Φ38mm	20mm	10mm
SOR3830	Φ38mm	30mm	10mm
SOR3840	Φ38mm	40mm	10mm
SOR3850	Φ38mm	50mm	10mm
SOR5010	Φ50mm	10mm	10mm
SOR5020	Φ50mm	20mm	10mm
SOR5030	Φ50mm	30mm	10mm
SOR5040	Φ50mm	40mm	10mm
SOR5050	Φ50mm	50mm	10mm

### Matching Bolts

Item	Φ120	B90	B60	TB120	TB90	TB60
Specification	M12 x 120mm	M12 x 90mm	M12 x 60mm	M12 x 120mm	M12 x 90mm	M12 x 60mm

Generally standoffs are shipped with B120(per set of standoff with only one bolts which is M12\*120mm), if you require to be replaced another bolt please point out when place an order.





People

/

Community

The combination of art  
and living



**OEM&ODM EXPORT**  
**SINCE 1997**

Any kinds of

Stainless steel fittings and pipes





### HP870-11

**Material**  
SUS 304 Stainless Steel

Size			
A	B	C	H
232	100	184	878

100 100



### HP870-12

**Material**  
SUS 304 Stainless Steel

Size			
A	B	C	H
232	100	184	878

100 100



### HP870-13

**Material**  
SUS 304 Stainless Steel

Size			
A	B	C	H
232	100	188	870

100 100



### HP870-14

**Material**  
SUS 304 Stainless Steel

Size			
A	B	C	H
242	104	196	870

100 100





**HP870-15**

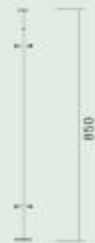
**Material**

SUS 304 Stainless Steel

**Size**

A	B	C	H
252	270	188	878

304 316



**HP870-16**

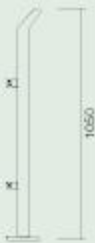
**Material**

SUS 304 Stainless Steel

**Size**

A	B	C	H
252	270	188	878

304 316



**HP870-17**

**Material**

SUS 304 Stainless Steel

**Size**

A	B	C	H
252	270	188	878

304 316





### HP870-18

#### Material

SUS 304 Stainless Steel

#### Size

A	B	C	H
232	150	188	878

304 316



### HP870-20

#### Material

SUS 304 Stainless Steel

#### Size

A	B	C	H
232	150	188	1078

304 316



### HP870-19

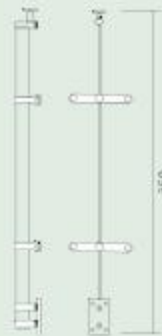
#### Material

SUS 304 Stainless Steel

#### Size

A	B	C	H
232	150	188	878

304 316



### HP870-21

#### Material

SUS 304 Stainless Steel

#### Size

A	B	C	H
242	150	198	878

304 316



When all the luxury is removed its unearthly beauties stand out



### HP870-22

**Material**  
SUS 304 Stainless Steel

500			
A	B	C	H
212	150	166	870

304 100

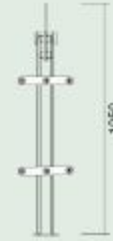


### HP870-23

**Material**  
SUS 304 Stainless Steel

500			
A	B	C	H
212	150	166	870

304 100

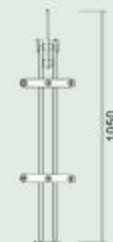


### HP870-24

**Material**  
SUS 304 Stainless Steel

500			
A	B	C	H
212	150	166	870

304 100





## K601 Aluminum Profile

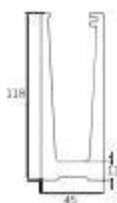
Incredible power with a thickness of only 45mm

A series of thin and powerful K601 aluminum clamping profiles.

**K601-2T** - ANODIZED lightening clamp profile designs. Thanks to internal stiffeners, lightweight the overall profile design is 2% less rigid than the prototype profile K601-3. The profile is designed for loads of 2kN (200kg / mp).

**K601-3** - not anodized clamping profile. Specially designed for lateral mounting from the end of the flight of stairs. As a decor, stainless steel lining lengths are suitable 2 meters. In order to avoid a tedious fit in place at corners, use K601- stainless steel linings 22, and on the back K601-23. Pads are glued to quality double-sided tape F-1465 along the entire length. The profile is designed for 2kN.

**K601-4** - non-anodized clamping profile lightweight constructions



Dimensions of all K601 profiles are the same. The only difference is surfaces and profile length.



**K601-4**

**Technical Parameter**

Aluminum clamping profile 118x45 mm for carrier glass 10-16 mm, Not anodized - matte. Length 6 meters, Lightweight



**K601-2T**

**Technical Parameter**

Aluminum clamping profile 118x45 mm for carrier glass 10-16 mm, Anodized, matte, length 6 meters, Lightweight



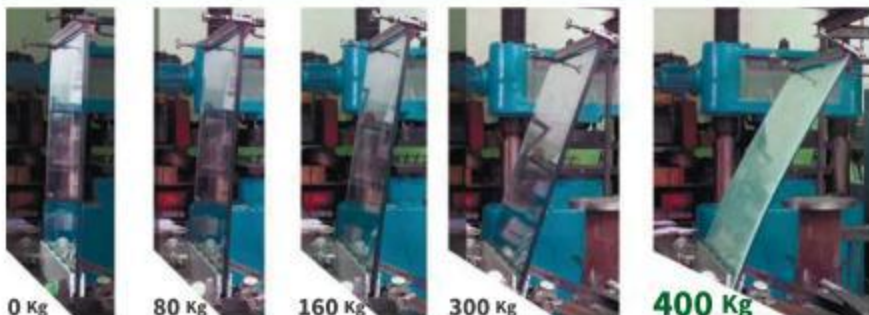
**K601-3**

**Technical Parameter**

Profile aluminum tightening 118x45 mm for carrier glass 10-16 mm, Not anodized, length 6 meters



### TESTS OF 601-2T ALUMINUM PROFILE



Strength tests of the clamping profile K601-2, for compliance with the requirements of GOST R 53254-2009 were carried out on a specially made stand.



### THE K601-2 CLAMPING PROFILE IS RECOMMENDED FOR USE IN FENCES:

**41 kg** Public buildings and structures; Administrative buildings; Residential buildings; Apartment buildings.  
The requirement of regulatory documents for such fences is 30 kg.

**80 kg** Stairs; Balconies; Roofs and roofs.  
The requirement of regulatory documents for such fences is 54 kg.

**120 kg** Stairs; Balconies; Roofs and roofs; Attic rooms; In administrative, public and residential buildings.  
The requirement of regulatory documents for such fences is -70 kg.

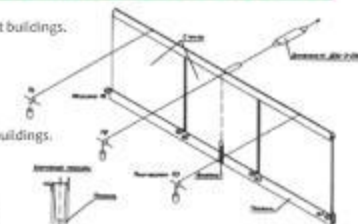
**160 kg** in apartments of residential buildings; In the wards of hospitals and sanatoriums; In the sleeping rooms of kindergartens and boarding schools; In residential premises of rest houses, dormitories and hotels; To the terraces.

**201 kg** in the classrooms of educational institutions; In reading rooms; On the platforms of the stations; On balconies and on loggias; In the lobby, lobby, corridors, stairs with a lot of people.

**302 kg** in the dining rooms; At the site of maintenance and repair of equipment in industrial Premises; In the halls of meetings and meetings, waiting, visual and concert, sports.

**410 kg** in all types of premises and at any facilities where fences are required. Both indoors and outdoors.

Protections that can withstand a load of 400 kg, according to the requirements of regulatory documents, can be used on all possible operating conditions.



### Test results

The movement of the top of the fence depending on the level of horizontal load is shown in graph 1. It is noteworthy that the vertices of all three glasses deviate approximately the same. It shows that the steel handrail, it performs a unifying function well, even with an excessively concentrated horizontal load of 7500 H.

Of greatest interest is the work of the profile - what is its disclosure at high horizontal loads. Chart 2 shows corresponding curves. As expected, the greatest disclosure was recorded at the borders of the middle glass. However in general, the disclosure of the profile and at its ends is slightly less. This suggests that the horizontal force applied in the center is good distributed over the entire length of the profile.

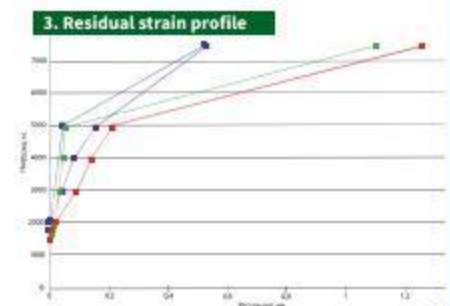
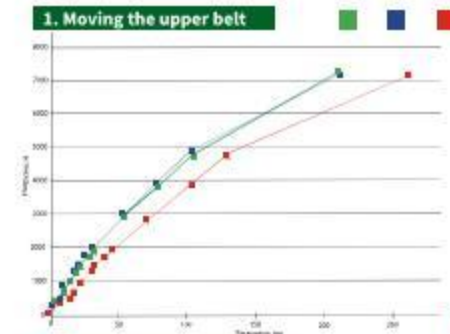
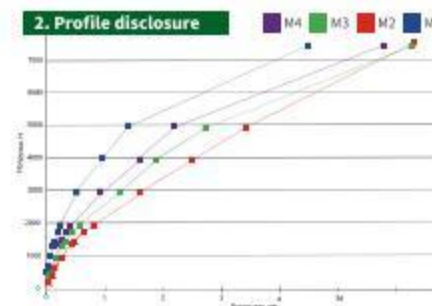
The fact that the test procedure provided for a load return to zero after each stage of loading made it possible to assess in which the work stage of the material is the profile.

Figure 3 shows the curves of the dependence of the residual deformations of the disclosure of the profile during load shedding on the horizontal strength when building it during the experiment. It is seen that with unloading up to 5000 H (near maximum load tests) residual profile disclosure in its average sections amounted to 0.2 mm. This condition was after unloading 7500 H.

The readings of the instruments practically did not change in compared to those in graph 3. This indicates stability of the profile, that the material profile to maximum loads it works mainly in the elastic stage. Measurements were taken during the tests of the separation of the profile from bases (in the middle section) showed that the separation at load 5000 H left 0.3 mm, and under overload 7500 N reached 1 mm. This is an indicator that, in contrast to the one meter test three-meter profile railings fixed more reliably - to work on a focused horizontal force includes a larger number of bolts.

Tests have shown that railing glass fencing K601-215-3 m passed the test of horizontal load, and in accordance with GOST R 53254-2009 can be used.

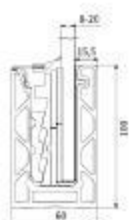
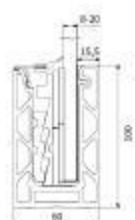
The test results are presented in graphical form on graphs:



## New in our assortment: T100 PROFILE

The design of these clamping systems differs significantly from those on the market. Main technical solution in these systems was to increase the height of the pressure wedge. In similar profiles that already exist on the market, the height of the clamping wedge is 50-55mm, while in the T100 profile - 80 mm.

Also, one of the main features of the T100 profile is the possibility of using 20mm glasses and 10 + 10mm triplex, than other analogs of aluminum profiles cannot boast.



**T100-1**

**Technical Parameter**  
Anodized aluminum clamping profile set for glass 10-20mm and 5+5-10+10mm, 100x60mm, length 1 meter.

**T100-1**

**Technical Parameter**  
Profile set of aluminum clamping non-anodized for glass 10-20mm and 5+5-10+10mm, 100x60mm, length 1 meter.



**Concrete top mount**



**Partial mount deepening in concrete**



**Concrete side mount**



**K601-05 K601-05G**

**Technical Parameter**  
Universal sealing T-shaped elastic for profile.



**K601-06 K601-06G**

**Technical Parameter**  
Front sealing gum 18x12 mm for glass 10 mm.



**K601-07 K601-07G**

**Technical Parameter**  
Facial rubber band 12x12 mm for 12 mm glass or triplex 6 + 6 mm.



**K601-08 K601-08G**

**Technical Parameter**  
Facial rubber band 16x12 mm for glass 16 mm or triplex 8 + 8 mm.



**K601-01**

**Technical Parameter**  
L spacer 23x35 mm for profile 138x45 mm.



**K601-02**

**Technical Parameter**  
Wedge of expansion 14x90 mm for glass 10 mm.



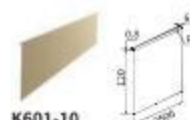
**K601-03**

**Technical Parameter**  
Wedge of expansion 12x80 mm for glass 12 mm or triplex 6 + 6 mm.



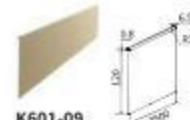
**K601-04**

**Technical Parameter**  
Wedge of expansion 8x90 mm for glass 16 mm or triplex 8 + 8 mm.



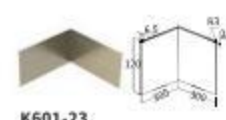
**K601-10**

**Technical Parameter**  
Polished trim stainless steel 2 m (suitable for any glass thickness).



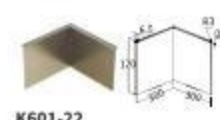
**K601-09**

**Technical Parameter**  
Brushed one way stainless steel 2 m (suitable for any glass thickness).



**K601-23**

**Technical Parameter**  
Back corner pad 90 degrees from thin section stainless steel 300x300mm per profile for any glass thickness.



**K601-22**

**Technical Parameter**  
Corner trim facial overlay 90 degrees from thin section stainless steel 300x300mm per profile K601 for glass 10-12 mm.



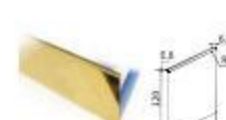
**K601-24**

**Technical Parameter**  
Back pad for fastening polished concrete side stainless steel 1.0 mm length 2 m.



**K601-25**

**Technical Parameter**  
Back pad for fastening polished concrete side stainless steel 1.0 mm length 2 m.



**K601-10-88**

**Technical Parameter**  
Gold Sceptate 2000 mm on profile K601, for glass 10-12.



**K601-12**

**Technical Parameter**  
End cap on the K601 profile.



**O-0019**

**Technical Parameter**  
Case presenter with K601 profile, with 12mm glass and a pipe with a groove (d.42 can be rested).



**Φ-1462**

**Technical Parameter**  
3W double sided tape for attaching stainless steel brags.



**K601-18 K601-16**

**Technical Parameter**  
The expansion bolt shield with a PDR score of 14x140 mm, 14x100 mm.



**K601-19-120**

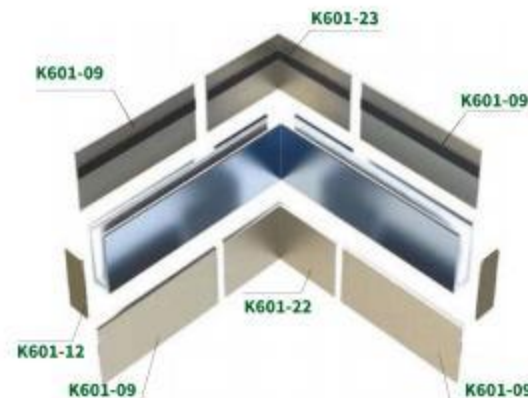
**Technical Parameter**  
Wedge of expansion 8x90 mm for glass 16 mm or triplex 8 + 8 mm.



**K601-20**

**Technical Parameter**  

- The key for dismantling, driving in wedges and installing gum in the K601 profile (K60).
- For quick installation and removal of wedges, we recommend that you purchase a special tool K601-20. It is convenient to use for driving wedges and for removing wedges if glass is to be removed.



From the front and back side of the profile to double-sided tape F-1465 decorative K601-09 cover plates are installed. The pads are the same in size and can be installed both on the front and on the back. For more convenient cornering, you can additionally order corner pads K601-22 and K601-23.



**HP1150-01**

**Material**

SUS 304 Stainless Steel

**Finishes**

Titanium

304



**HP1150-02**

**Material**

SUS 304 Stainless Steel

**Finishes**

Satin Stainless Steel

304



**HP1150-03**

**Material**

SUS 304 Stainless Steel

**Finishes**

Titanium

304



**HP1150-04**

**Material**

SUS 304 Stainless Steel

**Finishes**

Satin Stainless Steel

304





## E-PAI INOX HARDWARE CO., LTD.

Factory Add: No.2, 3 Road, Heshun Xiayi Industrial zone, Lishui Town, Nanhai District, Foshan City, Guangdong Province.  
Phone/Fax: +86 757 85751892 www.epai-hardware.com

### GUARANTEE CLAUSE-HANDRAIL

All of the **FIEX** armrests produced by the company are subject to strict quality control and the products produced are guaranteed to meet the **AISI304** material standards. Products purchased through regular channels provide a **two-year** warranty on manufacturing defects from the date of purchase.

#### This warranty does not apply to the following:

- ① An accidental fall caused by damage to the product, ill, beaten, mishandled, incorrect and wrong installation specifications.
- ② The surface finish of the prevented stainless steel product is damaged and there is no regular cleaning and maintenance, especially in hostile environments such as coastal areas and nearby swimming pools (salt mist) (chlorine) in coastal areas and in the necessary cleaning parts. Environment **twice a week**, in other types of environments, at least **once a week**;
- ③ For stainless steel that has been damaged by surface treatment, use cleaning tools such as chemicals, solvents, abrasive steel wool, sponge double-sided chlorine, etc.;
- ④ Damage caused by pollution of stainless steel acid gas, such as hydrochloric acid or similar clean floor, or through direct contact with stainless steel pollutants, such as: lime mortar filling, iron deposition on the product, may contaminate the oxidation caused by stainless steel;
- ⑤ Missing parts and parts;

#### IMPORTANT INFORMATION

We recommend installing the armrests after the end of the work. This avoids the breakdown of possible faults and other problems to ensure that the same problem is solved. Propose the parts that need to be supplemented, effectively raise the questions and solve the problems. It is the responsibility of the user to store and transport: there is no guarantee responsibility and the consumer will be very pure.

#### CLEANING AND MAINTENANCE

The best products in order to keep stainless steel are water, alcohol, and mild neutral detergents. After diluting with warm water, use a soft cloth. Rinse off with water, preferably a warm, dry, soft cloth. In harsh environments, such as in coastal areas, cleaning should be done at least twice a week. In the most active environment, at least once a week.

**James Lam**  
Epai CEO