

FORSYTH

GLAZING

STAINLESS STEEL BALUSTRADE SYSTEMS PARTS CATALOGUE

ALUMINIUM SHOPFRONTS SLIDING WARDROBE DOORS
MIRRORS PICTURE FRAMING PAINTED GLASS SPLASHBACKS
DECORATIVE GLASS STAINLESS STEEL BALUSTRADES

FORSYTH

GLAZING



Forsyth Glazing are delighted to offer a range of stainless steel balustrade components for interior or exterior use which we hold in stock.

Our balustrade components provide elegant solutions for even the most complicated installations. Forsyth's stainless components are completely modular and do not need any welding, grinding or polishing on site.

Using interchangeable components, our system offers the flexibility to design a professional and secure balustrade. This , backed with our ability to manufacture bespoke toughened glass balustrade panels, makes Forsyth Glazing your “One Stop Shop” for all your balustrade requirements.

ALUMINIUM SHOPFRONTS SLIDING WARDROBE DOORS
MIRRORS PICTURE FRAMING **PAINTED GLASS SPLASHBACKS**
DECORATIVE GLASS **STAINLESS STEEL BALUSTRADES**

Post & Clamp System

/ Posts Interior or Exterior



** Post shown
with clamps for
displays purposes
only, clamps
must be ordered
separately*



POST WITH HOLES USED
FOR GLASS CLAMPS-ONE
SIDE

Stock No.	Ø
	MM
J581648/316	48.3x2.0
J581648/304	48.3x2.0

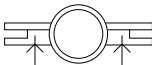
Exterior
Interior



POST WITH HOLES USED
FOR GLASS CLAMPS-180
DEGREE

Stock No.	Ø
	MM
J581748/316	48.3x2.0
J581748/304	48.3x2.0

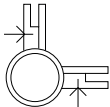
Exterior
Interior



POST WITH HOLES USED
FOR GLASS CLAMPS-90
DEGREE

Stock No.	Ø
	MM
J581848/316	48.3x2.0
J581848/304	48.3x2.0

Exterior
Interior



Post & Clamp System / Post Base Plates



POST-BASE PLATE, INTERIOR OR EXTERIOR

Stock No.	Ø	D	B
	MM	MM	MM
J101648/316	48.3	Ø100	75



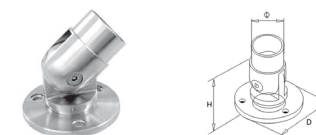
POST-BASE COVER PLATE, INTERIOR OR EXTERIOR

Stock No.	Ø	D	B
	MM	MM	MM
E050636/316	48.3	Ø105	1.5



ROUND FLANGE, INTERIOR OR EXTERIOR

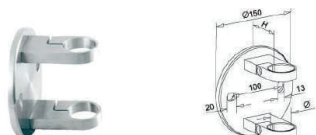
Stock No.	Ø	H	D
	MM	MM	MM
J050148/316	48.3	28	95



ARTICULATED ELBOW BASE PLATE, INTERIOR OR EXTERIOR

Stock No.	Ø	H	D
	MM	MM	MM
E031826/316	48.3x2	70	100

Post & Clamp System / Side Fix Post Brackets



ROUND WALL BRACKET, INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J051148/316	48.3	45



HINGE WALL BRACKET, INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J051048/316	48.3	45

Post & Clamp System

/ Glass Clamps - D Type. Interior or Exterior



G650048/316



G650000/316

Satin Finish

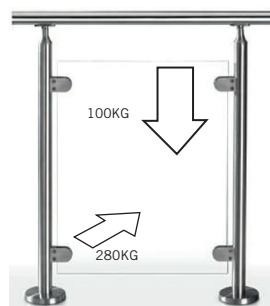
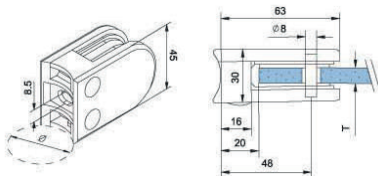
Stock No.	Suit Glass (T)	Suit Post (Ø)
	MM	MM
G650048/8	8	48.3
G650048/10	10	48.3
G650048/12	12	48.3
G650000/8	8	Flat
G650000/10	10	Flat
G650000/12	12	Flat

Mirror Finish

Stock No.	Suit Glass (T)	Suit Post (Ø)
	MM	MM
G650000M/8	8	Flat
G650000M/10	10	Flat
G650000M/12	12	Flat

Test 1

Maximum permittable vertical force for four glass clamps (without security pin) 100kg.

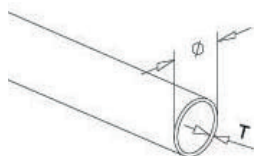


Test 2

When glass is being used in balustrading, staircases or other similar constructions, safety is an important matter when it comes to the combination of glass and glass clamps. According to these rules, the glass clamps must resist a horizontal minimum force of 280kg.



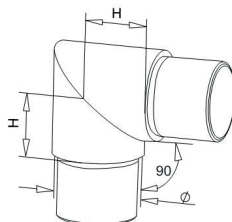
Post & Clamp System / Handrails, Bends, Elbows & Tees



HANDRAIL TUBE, INTERIOR OR EXTERIOR

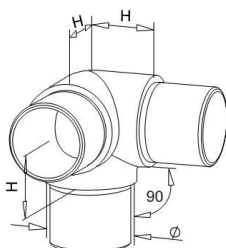
Stock No.	Ø
	MM
J540148/316	48.3x2.0
J540148/304	48.3x2.0

*Exterior
Interior*



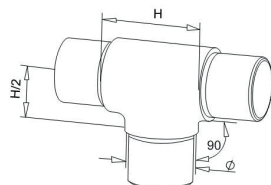
ACUTE ELBOW, INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J020248/316	48.3x2.0	35



90 DEGREE CORNER TEE. INTERIOR OR EXTERIOR

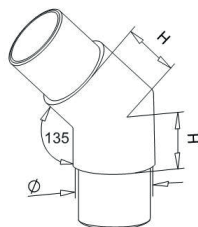
Stock No.	Ø	H
	MM	MM
J020448/316	48.3x2.0	35



EQUAL TEE PIECE. INTERIOR OR EXTERIOR

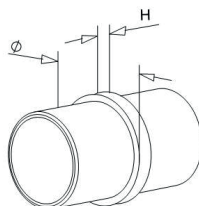
Stock No.	Ø	H
	MM	MM
J020548/316	48.3x2.0	70

Post & Clamp System / Handrails, Bends, Elbows & Tees



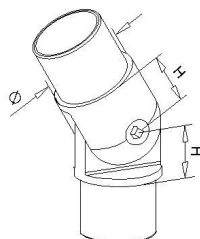
135 DEGREE ELBOW, INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J020848/316	48.3x2.0	35



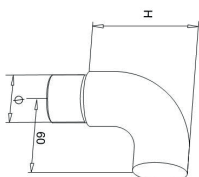
TUBE CONNECTOR, INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J020648/316	48.3x2.0	6



ADJUSTABLE ELBOW, INTERIOR OR EXTERIOR

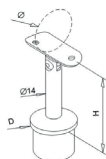
Stock No.	Ø	H
	MM	MM
J020748/316	48.3x2.0	30



HANDRAIL SCROLL END, INTERIOR OR EXTERIOR

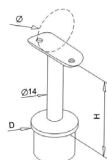
Stock No.	Ø	H
	MM	MM
J082348/316	48.3x2.0	84

Post & Clamp System / Post Stem Supports



ADJUSTABLE HANDRAIL SUPPORT TUBE-TUBE,
INTERIOR OR EXTERIOR

Stock No.	Ø	H	D
	MM	MM	MM
J070748/316	48.3	80	48.3x2.0



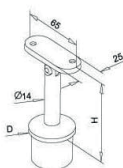
HANDRAIL SUPPORT TUBE-TUBE, INTERIOR OR EXTERIOR

Stock No.	Ø	H	D
	MM	MM	MM
J070348/316	48.3	80	48.3x2.0



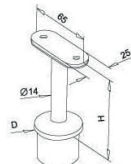
HANDRAIL SUPPORT TUBE-TUBE 90 DEGREE, INTERIOR
OR EXTERIOR

Stock No.	Ø	H	D
	MM	MM	MM
J072748/316	48.3	80	48.3x2.0



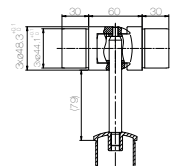
ADJUSTABLE HANDRAIL SUPPORT FLAT-TUBE,
INTERIOR ONLY

Stock No.	H	D
	MM	MM
J070700/304	82	48.3x2.0



HANDRAIL SUPPORT FLAT-TUBE, INTERIOR ONLY

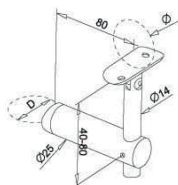
Stock No.	H	D
	MM	MM
J070300/304	82	48.3x2.0



VARIABLE ANGLE HANDRAIL SUPPORT TUBE TO TUBE
BETWEEN 180 AND 135 DEGREES, INTERIOR OR EXTERIOR

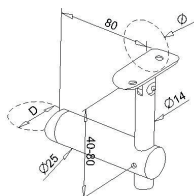
Stock No.	H	D
	MM	MM
J071848/316	82	48.3x2.0

Post & Clamp System / Handrails Brackets



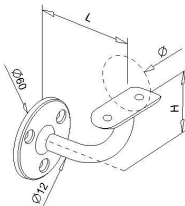
ADJUSTABLE HANDRAIL TUBE BRACKET - TUBE, INTERIOR OR EXTERIOR

Stock No.	Ø	D
	MM	MM
J090848/316	48.3	48.3



ADJUSTABLE HANDRAIL TUBE BRACKET - FLAT INTERIOR ONLY

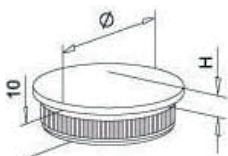
Stock No.	Ø	H
	MM	MM
J090800/304	Flat	48.3



HANDRAIL SUPPORT FOR TUBE, INTERIOR OR EXTERIOR

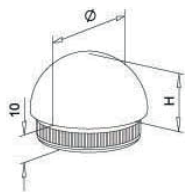
Stock No.	Ø	L	H
	MM	MM	MM
J091648/316	48.3	75	50

Post & Clamp System / End Caps



HALF BALL CURVED END CAP, INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J080348/316	48.3x2.0	24



RADIUSED CURVED END CAP, INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J080248/316	48.3x2.0	6

Post & Clamp System / Accessories



HEXAGON SOCKET HEAD CAP SCREWS DIN 912.
INTERIOR OR EXTERIOR

Stock No.	Size
	MM
F033108-20	M8x20



RUBBER GASKET

Stock No.	Suit Glass (mm)
G650008	8
G650010	10
G650012	12



PIN. INTERIOR OR EXTERIOR

Stock No.	Material
G910026	Stainless Steel

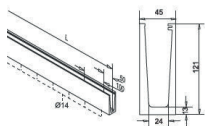


BONDLOC THREADLOCKER GLUE

Stock No.	Size
	GM
0893 270 050	25

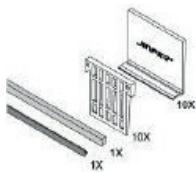
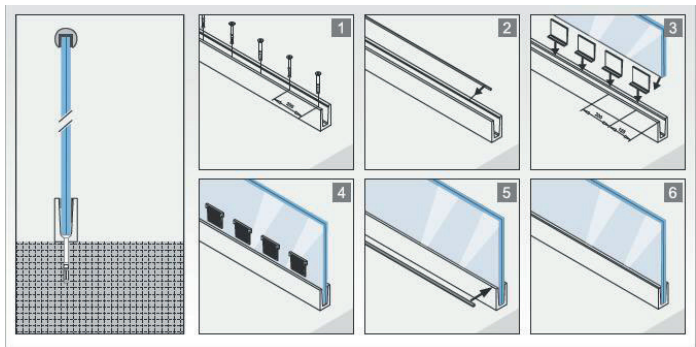
Base Shoe System

/ Balustrade Glass Channel



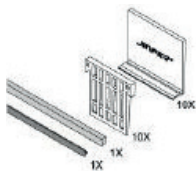
ALUMINIUM STAINLESS STEEL EFFECT BALUSTRADE BASE SHOE 2500MM LONG, MAX LOAD 0.5KN FOR 12-15MM GLASS, INTERIOR OR EXTERIOR

Stock No.	DESCRIPTION
A3000	Base Shoe 2500mm long



WEDGE / GASKET SET TO BE USED WITH 12MM GLASS IN A3000 BASE SHOE

Stock No.	DESCRIPTION
A34012	12MM WEDGE / GASKET SET



WEDGE / GASKET SET TO BE USED WITH 15MM GLASS IN A3000 BASE SHOE

Stock No.	DESCRIPTION
A34015	15MM WEDGE / GASKET SET

Base Shoe System
/ Balustrade Base Shoe Cladding



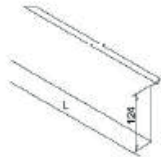
316 GRADE STAINLESS STEEL LEFT CLADDING FOR USE WITH A3000 BASE SHOE AND 12MM OR 15MM GLASS 2500MM LONG (INCLUDING GASKET) INTERIOR OR EXTERIOR

Stock No.	DESCRIPTION
A37000316	Left Cladding 2500mm



316 GRADE STAINLESS STEEL RIGHT CLADDING FOR USE WITH A3000 BASE SHOE AND 12MM GLASS 2500MM LONG (INCLUDING GASKET) INTERIOR OR EXTERIOR

Stock No.	DESCRIPTION
A37012316	Right Cladding 2500mm



316 GRADE STAINLESS STEEL RIGHT CLADDING FOR USE WITH A3000 BASE SHOE AND 15MM GLASS 2500MM LONG (INCLUDING GASKET) INTERIOR OR EXTERIOR

Stock No.	DESCRIPTION
A37015316	Right Cladding 2500mm



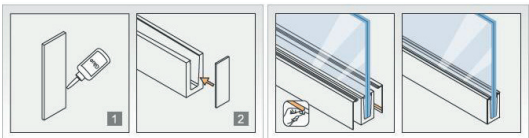
END CAP FOR USE WITH A3000 BASE SHOE WITHOUT CLADDING, INTERIOR OR EXTERIOR

Stock No.		
SIZE	H (MM)	B (MM)
A36000316	121	45

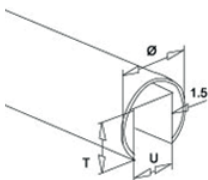


END CAP FOR USE WITH A3000 BASE SHOE WITH CLADDING, INTERIOR OR EXTERIOR

Stock No.		
SIZE	H (MM)	B (MM)
A36001316	121	50

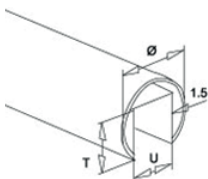


Base Shoe System / Slotted Handrail



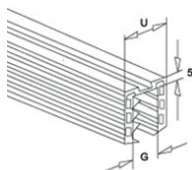
304 GRADE SLOTTED HANDRAIL 2500MM LONG, INTERIOR

Stock No.	Ø	U	T	L
	MM	MM	MM	MM
J545348304	48.3X1.5	27	30	2500



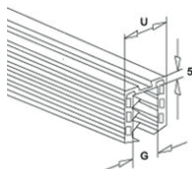
316 GRADE SLOTTED HANDRAIL 2500MM LONG, EXTERIOR

Stock No.	Ø	U	T	L
	MM	MM	MM	MM
J545348316	48.3X1.5	27	30	2500



RUBBER GASKET FOR SLOTTED HANDRAIL
WITH 12MM GLASS

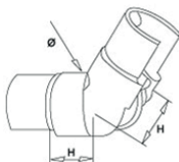
Stock No.	G	U	L
	MM	MM	MM
J549211	12	27	2500



RUBBER GASKET FOR SLOTTED HANDRAIL
WITH 15MM GLASS

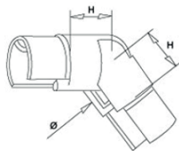
Stock No.	G	U	L
	MM	MM	MM
J549215	15	27	2500

Base Shoe System / Slotted Handrail Bends and Elbows



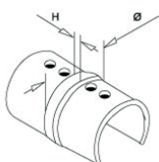
ADJUSTABLE UPWARDS ELBOW FOR SLOTTED HANDRAIL,
(22-55 DEGREES), INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J110548316	48.3X1.5	35



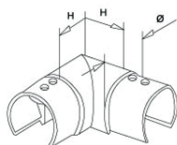
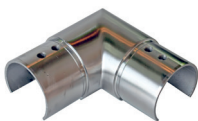
ADJUSTABLE DOWNWARDS ELBOW FOR SLOTTED
HANDRAIL, (22-55 DEGREES), INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J110648316	48.3X1.5	35



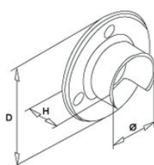
TUBE CONNECTOR FOR SLOTTED HANDRAIL,
INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J110348316	48.3X1.5	6



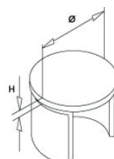
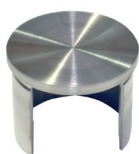
90 DEGREE ELBOW FOR SLOTTED HANDRAIL,
INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J110248316	48.3X1.5	35



ROUND FLANGE FOR SLOTTED HANDRAIL,
INTERIOR OR EXTERIOR

Stock No.	Ø	H	D
	MM	MM	MM
J120148316	48.3X1.5	35	95



FLAT END CAP FOR SLOTTED HANDRAIL,
INTERIOR OR EXTERIOR

Stock No.	Ø	H
	MM	MM
J140148316	48.3X1.5	4

Base Shoe System

/ Tools



MULTI TOOL FOR INSTALLATION / REMOVAL OF WEDGES TO A3000 BASE CHANNEL

Stock No.	DESCRIPTION
T011200	Multi Tool

Standoff System

/ Stainless Steel Standoffs



316 STAINLESS STEEL GLASS HOLDERS FOR ATTACHING 10MM, 12MM AND 15MM GLASS IN VARIOUS APPLICATIONS. 50MM DIA X 25MM REQUIRES A 22MM DIA HOLE IN THE GLASS, INTERIOR OR EXTERIOR

Stock No.	DESCRIPTION
J0628250C316	Stainless Steel Standoffs



SCREW FOR ATTACHING STAND OFF TO WOOD - 30MM LONG, INTERIOR OR EXTERIOR

Stock No.	DESCRIPTION
F03326040	30MM Long Screw



THREADED ROD, 50MM LONG FOR FIXING STANDOFF INTO STEEL OR CONCRETE, INTERIOR OR EXTERIOR

Stock No.	DESCRIPTION
F03316050	50MM Threaded Rod

FORSYTH

GLAZING



We also supply made to measure toughened glass panels suitable for balustrades. 10mm, 12mm or 15mm toughened glass is the most popular choice and can be supplied in rectangles or shaped to suit stairs and landings.

The glass panels are manufactured in our state of the art modern glass factory. We offer competitive prices, coupled with a quick turnaround, making us an ideal choice for the Complete Balustrade Solution.

ALUMINIUM SHOPFRONTS SLIDING WARDROBE DOORS
MIRRORS PICTURE FRAMING **PAINTED GLASS SPLASHBACKS**
DECORATIVE GLASS **STAINLESS STEEL BALUSTRADES**

The Technical Stuff

STAINLESS STEEL POST SYSTEM

- **Posts, Handrails & Fittings** – 48mm diameter brushed stainless steel.
- **Grades** – 304 (Internal) & 316 (External).
- **Posts** – supplied with base plates welded in position.
- **Posts & Handrails** – Options [a] supplied cut to size [b] cut on site [c] site size/mark and we cut.
- **Base Plate** – 2no 11mm dia. holes & 2no 5mm dia. holes all at 75mm centres.
- **Base Fixings** – depends if timber, concrete or steel. Fixings by others.
- **Glass** – 10 or 12mm toughened.
- **Glass Clamps** – fitted to posts with M8 socket head screws. Posts are pre-drilled and tapped to accept the socket screw.
- **Push/Fit Joints** – glued with Wurth thread locker. Joints must be thoroughly cleaned and dried, apply glue evenly wiping off any excess. Propping/taping of joints recommended so joints don't open. Set joints with a hot air gun.
- **Support Tube** – handrail should be drilled and tapped to accept s/s machine screw [by others].
- **Support Pins** – must be used in glass clamps where glass panels are out with overhang past a staircase, floor, landing or similar.

FLOOR CHANNEL SYSTEM

- **Floor Channel** – Aluminium – 45 x 120 x 2500mm long.
- **Glass** – 12 or 15mm Toughened.
- **Fixing Holes** – the base is pre-drilled @ 100mm centres with 13mm diameter countersunk holes.
- **Base Fixings** – depends on floor - timber, concrete or steel. Fixings by others.
- **Cuts** – we can cut the floor channel to length and/or 90 degree mitre corners.
- **White Shoe** – Plastic "L" shoe sits in channel which the glass sits on 10 no. per 2500mm length.
- **Gasket** – insert smaller gasket cover strip to the same side as the white shoe.
- **Glass** – fit glass panels, allow approx 5 to 10mm vertical gap between panels.
- **Corners** – Glass panels, vertical edge is not mitred. Panels [polished all round] are fitted next to each other at corners.
- **Secure Glass** – insert blue wedge to secure the glass panel. 10 no. per 2500mm length. There are two sizes of wedge. One for 12mm glass and one for 15mm glass.
- **Tighten** – there is a special tool to tighten the wedge. The tool is placed on the wedge which is then struck by a hammer on the disc strike plate. This avoids hitting the glass.
- **Gasket** – insert gasket cover strip.
- **Cover Plates** – brushed stainless steel [grade 316]. There are two sizes of top lip to accommodate the 12mm or 15mm glass dimension. Plates are secured with two prefixed self adhesive strips on the back face. There is one size of cover plate for the other side regardless of glass thickness.
- **End Caps** – stainless steel, glued in place.

HANDRAIL

- **Handrail and Fittings** – stainless steel, grades 304 and 316.
- **Rubber Insert** – this fits inside the handrail which is then fitted to the top of the panel. Two sizes, one for 12mm and one for 15mm glass.
- **Connections** – there are a variety of handrail connection components which are all brushed stainless steel – tube connector, end caps, flange ends, adjustable elbows for up & down angles, 90 degree elbows. Joints are glued with threadlocker glue, which we can supply.

MAINTENANCE

Stainless steel is not generally maintenance free. A light and regular wash is best to remove deposits (such as salt) which can cause staining. As a guide, stainless steel should be washed if the glass requires cleaned. For best results wash with warm soapy water, rinse well and wipe dry.

IT IS ESSENTIAL THAT ABRASIVE CLEANERS OR THOSE CONTAINING CHLORIDES OR BLEACH ARE NOT USED AS THEY WILL DAMAGE THE SURFACE

REGULATIONS

We advise you check with Building Control for local rules and regulations.

SEE "PRODUCT INSTALLATION VIDEOS" ON OUR WEBSITE FOR "HOW TO FIT A GLASS BALUSTRADE SYSTEM"

GLAZING

[illegible]

ALUMINIUM SHOPFRONTS SLIDING WARDROBE DOORS
MIRRORS PICTURE FRAMING PAINTED GLASS SPLASHBACKS
DECORATIVE GLASS STAINLESS STEEL BALUSTRADES

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DECORATIVE GLASS STAINLESS STEEL BALUSTRADES



EST. 1969

Opening Times

Mon-Thurs. 08:30 — 17:00

Fri. 08:30 — 16:00

Sat. 10:00 — 16:30

T.

F.

W.

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