

# GLASS

## Balustrade Systems

<VERSION 2>

### What you'll find inside

12mm & 15mm frameless glass sizes

Spigot hardware

Standard Nanorail

Versatilt Aluminum

Standoff glass sizes

Glass Standoffs

Deluxe Nanorail

35 Series railing

Australis semi-frameless

Nanoround

Offset Brackets

Mod 50



YOUR TRADE PARTNER / INNOVATION, QUALITY, SERVICE

WHOLESALE & TRADE ONLY

# The essentials.

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12mm frameless glass balustrade panels with suggested hardware

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## Australis Semi Frameless

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## Wholesale & trade only supplier

Our focus is providing complete solutions to the trade only. This clear focus allows us to provide the best customer service & quality products to the trade.



## High quality products

We pride ourselves on attention to detail in all aspects of sourcing and supplying products. We look domestically and worldwide for factories with the skills and equipment capable of manufacturing the highest quality product at a competitive price. Our quality control team regularly visit our factories to ensure our high standards are always being met.



**Due to space restrictions, not all stock featured in this catalogue is stocked at all depots.**

**We recommend touching base with your closest depot prior to order placement if unsure.**



## One stop shop

To save you time, we aim to provide complete systems at one purchase destination with the best price. Being a one stop shop also enables us to control the quality of the whole system. We consistently update catalogues and online capabilities to improve customer experiences.



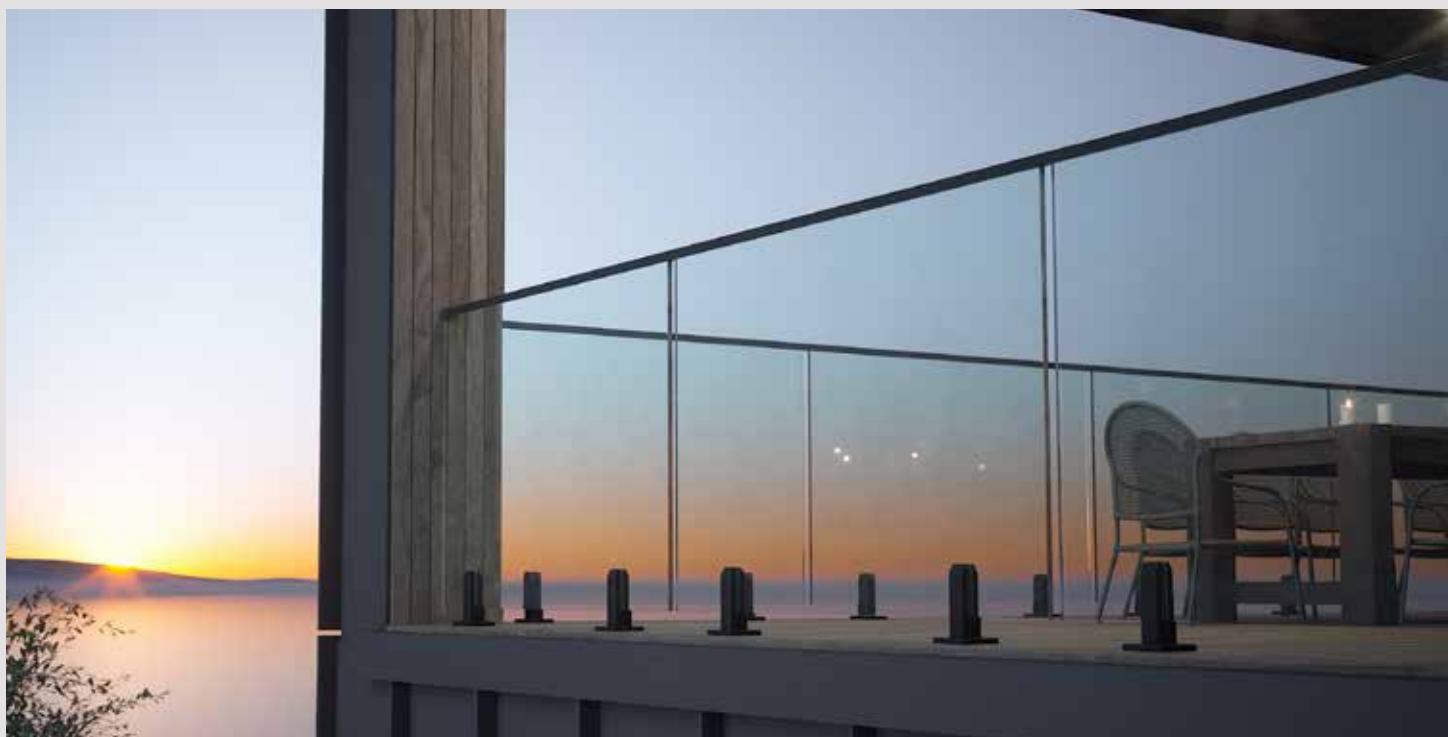
## Delivery to your door

With multiple distribution centres across the country with products in stock & dedicated delivery trucks, we aim to provide fast delivery every time. As well as utilising our own trucks, we've developed strong relationships with key transport providers across Australia so we can deliver even when the job is not so close to home.



## Easy installation

We design products with installation considerations in mind to ensure they are as easy to install as possible to save you time on site. Many products offered have handy installation advantages built in.



# We're serious about quality, **seriously**

Balustrade glass is toughened Grade "A" standard and proudly displays the Global Mark certified product mark.

Glass Outlet is authorised to display the Global Mark product conformance mark as confirmation that the manufacturing process is able to consistently produce glass in compliance with AS/NZS 2208: 1996 Safety Glazing Materials In Buildings.



# How glass is toughened

Toughened glass, also known as tempered glass, is made through a process of extreme heating and rapid cooling which makes it much stronger than normal glass.

## HEATING

The glass is heated to over 600 degrees Celsius, reaching a point where it starts to soften.

## RAPID COOLING

Following the heating, the glass is quickly cooled by a controlled blast of cold air.

## COMPRESSION AND TENSION

This process induces high compression on the surfaces and tension in the core, significantly increasing its strength.

## INCREASED STRENGTH

Toughened glass is up to five times stronger than normal glass.

## SAFETY FEATURE

If shattered, the glass breaks into small pieces that are less likely to cause injury.

# Heat soaking of toughened glass

Heat soaking is undertaken after glass is toughened and is performed to enhance safety by minimising the risk of spontaneous breakage due to internal imperfections in the glass.

## PROCESS

The toughened glass is heated again to around 280 degrees Celsius in a special oven and maintained at this temperature for several hours.

## NICKEL SULFIDE INCLUSIONS

This targets imperfections like nickel sulfide inclusions, which can cause glass to shatter unexpectedly.

## THERMAL STRESS

By subjecting glass to high temperatures in the heat soak oven, unstable panels can be eliminated thereby ensuring that only the most resilient panels are installed in critical applications.

## CONTROLLED SHATTERING

Any affected glass panels shatter in the controlled environment of the oven, not in use.

## INCREASED RELIABILITY

This process ensures the glass is safer and more reliable for use and has a higher level of product confidence.

# Benefits of 2205 Stainless Steel

2205 stainless steel, known for its duplex structure, offers a range of benefits that make it ideal for demanding applications, particularly in corrosive environments. Key advantages:

## EXCEPTIONAL CORROSION RESISTANCE

2205 stainless steel provides superior resistance to corrosion compared to 316 and 304 stainless steels, especially in chloride and seawater environments.

## HIGH STRENGTH

The duplex structure of 2205 stainless steel offers higher strength and fatigue resistance than other stainless steels.

## DURABILITY

The metal's durability ensures longevity and low maintenance, making it cost-effective over the lifecycle of projects.

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## 12mm frameless glass balustrade



### Engineering certification

We've developed and tested a full range of solutions to suit most balustrade configurations and projects. Each solution comes with a Product Technical Statement, making engineering sign-off straightforward. Scan to learn more.



# 12MM THICK CLEAR TOUGHENED + HEAT SOAKED 970MM HIGH GLASS PANELS

Order Code	Perth Order Code	Width	Height	Thickness	SQM	Weight
970NTG-0300	C970NTG-0300	300mm	970mm	12mm	0.29	9kg
970NTG-0350	C970NTG-0350	350mm	970mm	12mm	0.34	10kg
970NTG-0400	C970NTG-0400	400mm	970mm	12mm	0.38	12kg
970NTG-0450	C970NTG-0450	450mm	970mm	12mm	0.44	13kg
970NTG-0500	C970NTG-0500	500mm	970mm	12mm	0.49	15kg
970NTG-0550	C970NTG-0550	550mm	970mm	12mm	0.53	16kg
970NTG-0600	C970NTG-0600	600mm	970mm	12mm	0.58	17kg
970NTG-0650	C970NTG-0650	650mm	970mm	12mm	0.63	19kg
970NTG-0700	C970NTG-0700	700mm	970mm	12mm	0.68	20kg
970NTG-0750	C970NTG-0750	750mm	970mm	12mm	0.73	22kg
970NTG-0800	C970NTG-0800	800mm	970mm	12mm	0.78	23kg
970NTG-0850	C970NTG-0850	850mm	970mm	12mm	0.82	25kg
970NTG-0900	C970NTG-900	900mm	970mm	12mm	0.87	26kg
970NTG-0950	C970NTG-0950	950mm	970mm	12mm	0.92	28kg
970NTG-1000	C970NTG-1000	1000mm	970mm	12mm	0.97	29kg
970NTG-1050	C970NTG-1050	1050mm	970mm	12mm	1.02	31kg
970NTG-1100	C970NTG-1100	1100mm	970mm	12mm	1.07	32kg
970NTG-1150	C970NTG-1150	1150mm	970mm	12mm	1.12	33kg
970NTG-1200	C970NTG-1200	1200mm	970mm	12mm	1.16	35kg
970NTG-1250	C970NTG-1250	1250mm	970mm	12mm	1.21	36kg
970NTG-1300	C970NTG-1300	1300mm	970mm	12mm	1.26	38kg
970NTG-1350	C970NTG-1350	1350mm	970mm	12mm	1.31	39kg
970NTG-1400	C970NTG-1400	1400mm	970mm	12mm	1.36	41kg
970NTG-1450	C970NTG-1450	1450mm	970mm	12mm	1.41	42kg
970NTG-1500	C970NTG-1500	1500mm	970mm	12mm	1.46	44kg

12mm thick clear toughened

2mm radius corners

Heat soaked

Superior edge finishing

Grade 'A' toughened glass

Australian standards compliant  
AS/NZS2208

Corner protectors in packing

## IMPORTANT

If glass is selected for use in a balustrade barrier, careful attention is required prior to installation having regard to the NCC (National Construction Code) and relevant Australian Standards.

It is important that the selection of balustrade barrier glass is appropriate for the installation site by way of engineer review.

# NOVA RANGE SS2205

## Core drill spigot

### FRiction FIT

#### Polish, satin, matt black or matt white finish

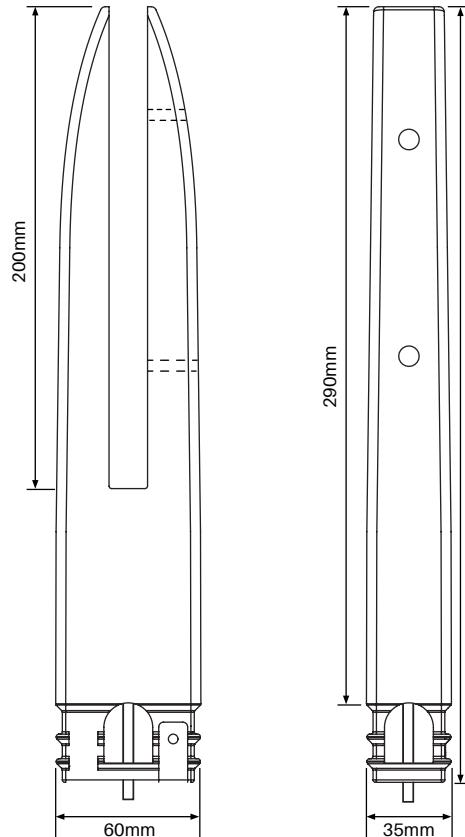
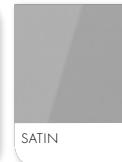
Order Code: NOV-S-P (Polish)

NOV-S-S (Satin)

NOV-S-B (Black)

NOV-S-MW (White)

- Suits 12mm thick glass (friction fit)
- Sleek 60x35mm profile with a 200mm glass recess offers strength to suit balustrade load requirements
- Made from duplex stainless steel 2205
- Recessed friction plate provides a neat finish and easy installation
- M10 threaded rod allows for vertical height adjustment, an earthing point, and extra anchoring in footings
- Dress rings sold separately



## Dress ring

105mm x 105mm outer

#### Polish, satin, matt black or matt white finish

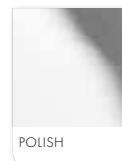
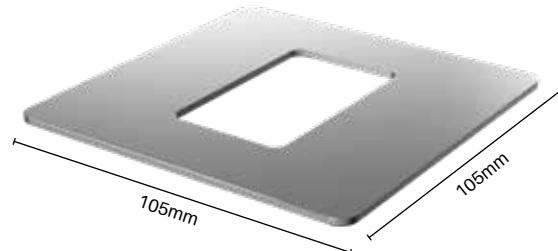
Order Code: NOV-DR-P

NOV-DR-S

NOV-DR-B

NOV-DR-MW

- 2mm thick flat dress ring
- Made from marine grade stainless steel 316



# NOVA RANGE SS2205

## Base plated spigot

### FRiction FIT

#### Polish, satin, matt black or matt white finish

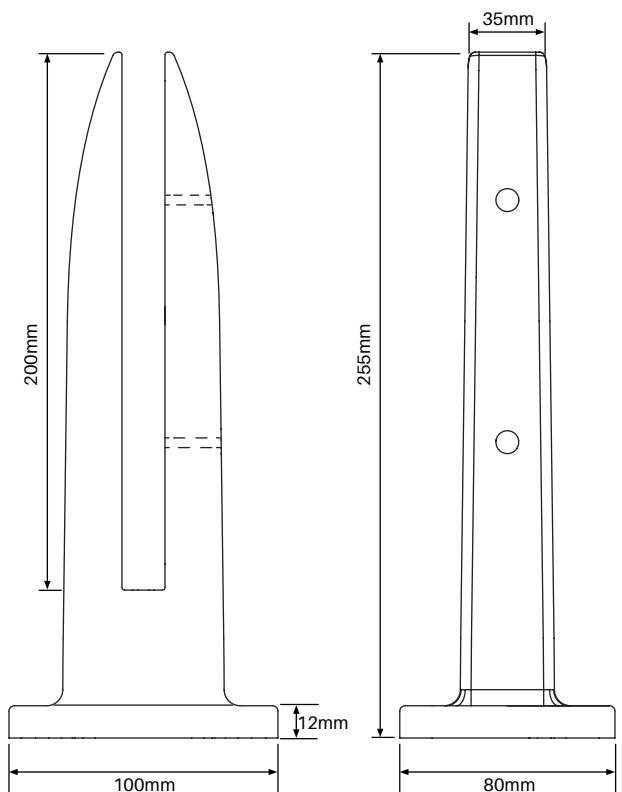
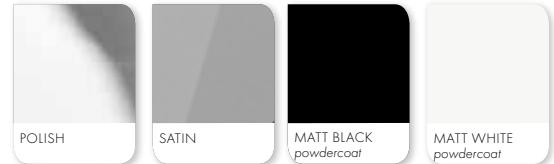
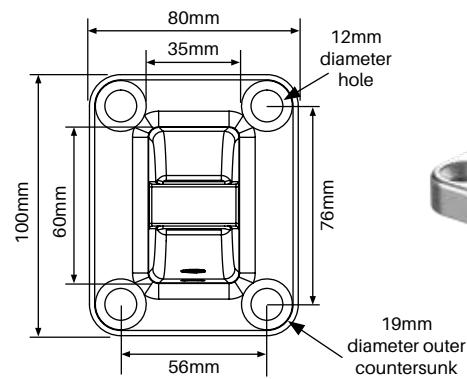
Order Code: NOV-SBP-P (Polish)

NOV-SBP-S (Satin)

NOV-SBP-B (Black)

NOV-SBP-MW (White)

- Suits 12mm thick glass (friction fit)
- Sleek 60x35mm profile with a 200mm glass recess offers strength to suit balustrade load requirements
- Made from duplex stainless steel 2205
- Recessed friction plate provides a neat finish and easy installation
- Base plate features 4x 12mm countersunk holes to enable flush fixings
- Domical Covers sold separately



## Slimline domical cover

104x84mm – 16mm High

#### Polish, satin, matt black or matt white finish

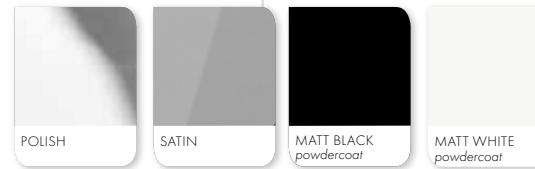
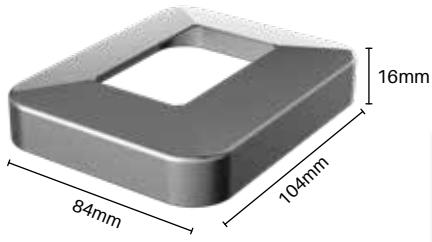
Order Code: NOV-SDC-P (Polish)

NOV-SDC-S (Satin)

NOV-SDC-B (Black)

NOV-SDC-MW (White)

- Slimline cover suits use with countersunk fixings
- Made from marine grade stainless steel 316



## High domical cover

104x84mm – 23mm High

#### Polish, satin, matt black or matt white finish

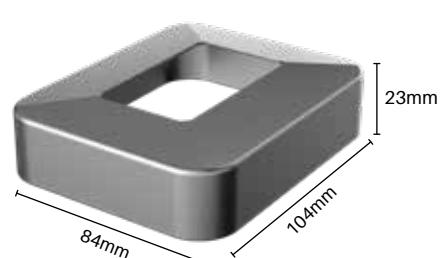
Order Code: NOV-HDC-P (Polish)

NOV-HDC-S (Satin)

NOV-HDC-B (Black)

NOV-HDC-MW (White)

- 23mm high cover can be used with most M10 hex nuts
- Made from marine grade stainless steel 316



# MADRID RANGE SS2205

Stainless steel 2205 is a superior duplex stainless steel which features elevated levels of chemical components enabling superior strength and corrosion resistance in harsh marine environments. The Madrid range has been designed with superior strength and a slimline profile.



## Trade tip

Raised dress rings are helpful if grout in the core hole sets slightly above ground level. The slightly tapered finish of the dress ring overcomes this issue.



## Highest quality finish

The Madrid matt black spigots use genuine Akzo Nobel textured powder to provide the highly sought after matt black finish.

To ensure proper adhesion of powder to stainless steel, a special pre-treatment is undertaken whereby a thin, zirconium based conversion layer is applied to the stainless steel substrate. This special coating provides robust corrosion protection and enhanced paint adhesion.

## Optional extras

### Flat dress ring



100mm x 100mm outer  
**Polish, satin, matt black or matt white finish**  
Order Code: MAD-DR-P  
MAD-DR-S  
MAD-DR-B  
MAD-DR-MW

### Raised dress ring



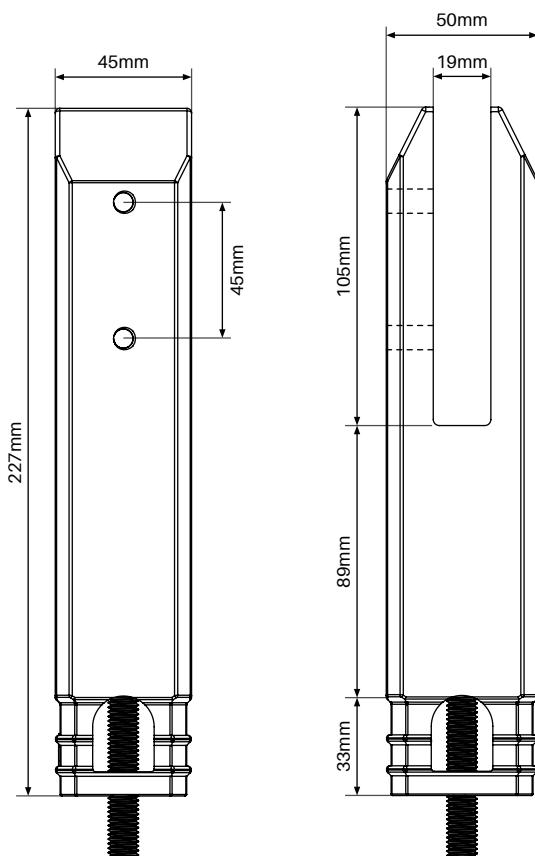
100mm x 100mm outer  
**Polish, satin or matt black finish**  
Order Code: MAD-DR-RAISED-P  
MAD-DR-RAISED-S  
MAD-DR-RAISED-B

### Spigot extender



200mm extender  
**SS304**  
Order Code: S-XT

- M10 & M16 bolts at opposite ends enables extra anchoring in footings (particularly helpful when working with sand)
- Stainless steel 304



# MADRID RANGE SS2205

The friction plate in the Madrid Range has been specially designed to provide maximum clamping action on the toughened glass. A stainless steel plate is moulded into the friction plate which is the entire width & height of the spigot mouth. This ensures maximum distributed clamping action.



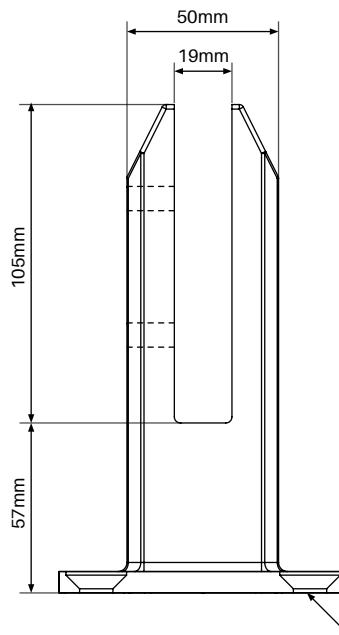
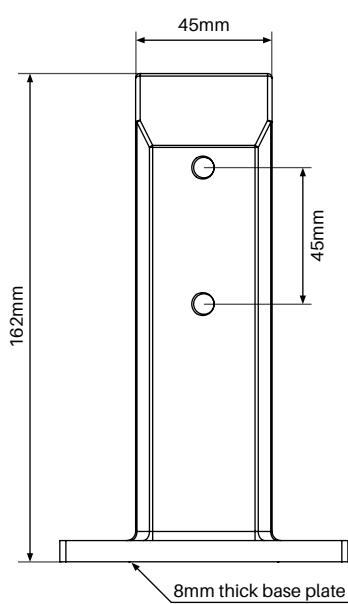
## Base plated spigot

### FRICITION FIT

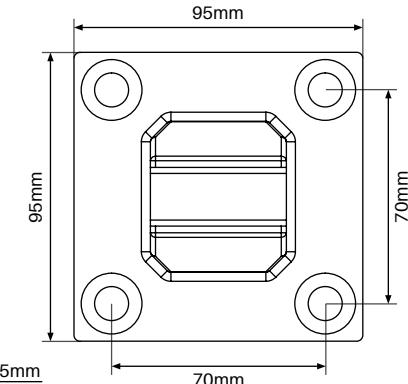
**Polish, satin or matt black or matt white finish**

Order Code: **MAD-SBP-P** (Polish)  
**MAD-SBP-S** (Satin)  
**MAD-SBP-B** (Black)  
**MAD-SBP-MW** (White)

- Duplex stainless steel 2205
- Suits 12mm glass
- Contemporary tapered top to comply with 'no toe hold' requirements
- Base plate has 4x countersunk holes to enable flush fixing. Countersunk timber screw available (hex head drive)
- Modern square shape with minimal visible fixings
- Recessed single friction plate for neat finish & easy installation
- Tapered packer included (1mm to 1.5mm) to enable tilt adjustment of glass
- Structure of spigot maximises strength



See page 89 for convenient timber & concrete fixing kits for base plated installs



## Optional extras

### Slimline domical cover



Requires countersunk fixings to be used due to slimline cover



Consider when using dynabolts or high fixings & fasteners

### High domical cover

22mm high  
**Polish, satin, matt black or matt white finish**

Order Code: **MAD-HDC-P**  
**MAD-HDC-S**  
**MAD-HDC-B**  
**MAD-HDC-MW**

# Custom colour Madrid spigots

**Customise our MADRID core drill and base plated spigots and matching covers with our new release MADRID CUSTOM range.**

Select from a large range of DULUX or INTERPON powder coat finishes and create a truly unique frameless pool or balustrade.



## Madrid Custom Spigots

### Whip blast finish

Order Code: MADCUS-CORED (Core drill)  
MADCUS-BASEP (Base plated)  
MADCUS-DR-RAISED (Dress ring raised)  
MADCUS-SDC (Slimline domical cover)  
MADCUS-HDC (High domical cover)

- Large range of colours available for job lot powder coating
- Premium commercial powder coat finishes available
- Interpon D2525 series
- Dulux Premium series (Duratec & Electro ranges)
- Australia's best practice powder coating is followed: whip blast finish, epoxy primer & then powder coated
- Suits 12mm glass
- Powder coated at a premium facility in Brisbane with Australia wide delivery\*

\*Freight applies to direct shipments

- For spigot & cover technical drawings - refer pages 10-11.



+ OUR EASY TO USE ORDER FORM

LARGE SELECTION OF QUALITY FINISHES

# STANDARD NANORAIL

## 25mm x 21mm Nanorail handrail

SS316L

5800MM L

**Polish, satin, matt black or matt white finish**

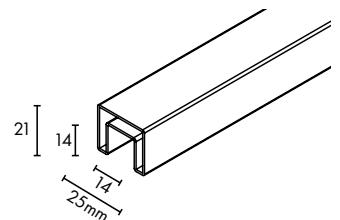
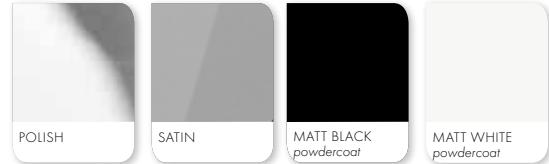
Order Code: STG-R5800-2521-P (Polish)

STG-R5800-2521-S (Satin)

STG-R5800-2521-B (Black)

STG-R5800-2521-MW (White)

- 25mm x 21mm slimline profile caps over 12mm thick glass
- 1.2mm wall thickness with 14mm x 14mm glazing channel
- Stainless steel 316L - low carbon stainless



## Rigid PVC glazing rubber

2900mm L

**Black nylon**

Order Code: STG-NANO-GR

- Suits 12mm thick glass with nanorail
- Glazing rubber fits over glass with rail then pressed on
- Available 2900mm long: 2 x lengths required per 5800mm long handrail
- Suits 25mm x 21mm Nanorail handrails only



# STANDARD NANORAIL

## Joiner

SS2205

**Polish, satin, matt black or matt white finish**

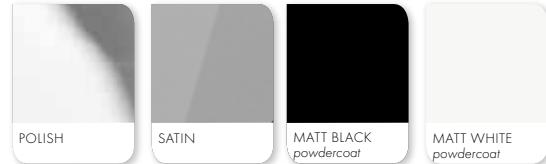
Order Code: STG-2521-J-P (Polish)

STG-2521-J-S (Satin)

STG-2521-J-B (Black)

STG-2521-J-MW (White)

- Inline joiner
- Fits internal of rails with a 4mm visible join (glazing cavity remains unobstructed)
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations - refer page 19.



## 90° joiner

SS2205

**Polish, satin, matt black or matt white finish**

Order Code: STG-2521-90J-P (Polish)

STG-2521-90J-S (Satin)

STG-2521-90J-B (Black)

STG-2521-90J-MW (White)

- 90-degree joiner
- Fits internal of rails with 30mm x 30mm visible corner join (glazing cavity remains unobstructed)
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations - refer page 19.



## End cap

SS2205

104mmW x 22mmH

**Polish, satin, matt black or matt white finish**

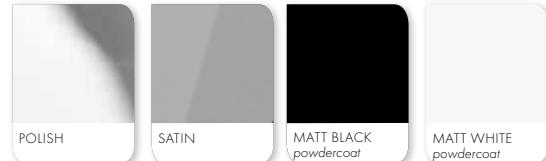
Order Code: STG-2521-EC-P (Polish)

STG-2521-EC-S (Satin)

STG-2521-EC-B (Black)

STG-2521-EC-MW (White)

- End cap fits internal of rail leaving a vertical surface of end cap visible
- Made from stainless steel duplex 2205



# STANDARD NANORAIL

## Slotted end cap

SS2205

### Polish or satin finish

Order Code: STG-2521-SC-P (Polish)

STG-2521-SC-S (Satin)

- End cap fits internal of rail with a 3mm visible join between rail and wall
- Allows for a hidden fixing to post/wall
- Made from stainless steel duplex 2205
- Includes SS304 hex head screw



## Wall plate

SS2205

### Polish, satin, matt black or matt white finish

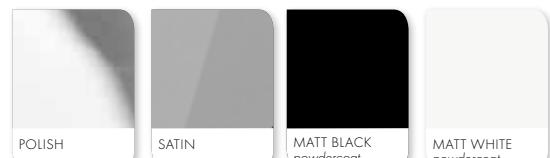
Order Code: STG-2521-WP-P (Polish)

STG-2521-WP-S (Satin)

STG-2521-WP-B (Black)

STG-2521-WP-MW (White)

- Wall plate with countersunk fixing hole (6.5mm hole with 12.5mm outer countersunk hole)
- M5 grub screw located on one side – once rails installed, tighten grub screw to ensure it is hard pressed against wall plate surface
- Made from stainless steel duplex 2205



## Extended wall plate

SS2205

### Polish, satin, matt black or matt white finish

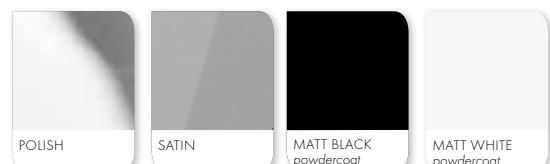
Order Code: STG-2521-WPEXT-P (Polish)

STG-2521-WPEXT-S (Satin)

STG-2521-WPEXT-B (Black)

STG-2521-WPEXT-MW (White)

- 76mm long wall plate features offset plate with countersunk fixing hole (6.5mm hole with 12mm outer countersunk hole)
- M5 grub screw located on one side – once rails installed, tighten grub screw to ensure it is hard pressed against wall plate surface
- Made from stainless steel duplex 2205



# STANDARD NANORAIL

## Vertical joiner

SS2205

**Polish, satin or matt black finish**

Order Code: STG-2521-VERTJ-P (Polish)

STG-2521-VERTJ-S (Satin)

STG-2521-VERTJ-B (Black)

- 90-degree vertical joiner
- Fits internal of rails with 25mm x 25mm visible join (glazing cavity remains unobstructed)
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 19.



## Vertical adjustable joiner

SS2205

**Polish, satin, matt black or matt white finish**

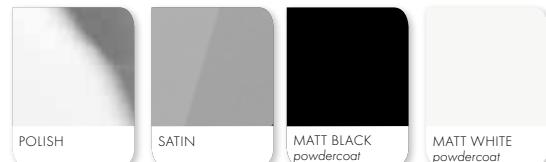
Order Code: STG-2521-VJA-P (Polish)

STG-2521-VJA-S (Satin)

STG-2521-VJA-B (Black)

STG-2521-VJA-MW (White)

- Vertical adjustable joiner
- Fits internal of rails with exposed swivel section allowing vertical adjustment of 0-50 degrees
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 19.



## Horizontal adjustable joiner

SS2205

**Polish, satin, matt black or matt white finish**

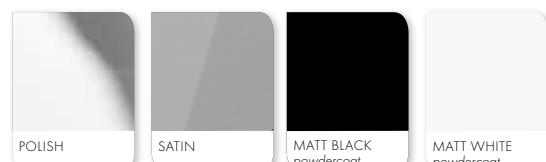
Order Code: STG-2521-HJA-P (Polish)

STG-2521-HJA-S (Satin)

STG-2521-HJA-B (Black)

STG-2521-HJA-MW (White)

- Horizontal adjustable joiner
- Fits internal of rails with exposed swivel section allowing horizontal adjustment of 0-50 degrees
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 19.



# STANDARD NANORAIL

## Wall plate vertical adjustable joiner – right

SS2205

**Polish, satin or matt black finish**

Order Code: STG-2521-WP-VA-R-P (Polish)

STG-2521-WP-VA-R-S (Satin)

STG-2521-WP-VA-R-B (Black)

- 51mm wide wall plate features vertical adjustable joiner
- Fits internal of rails with exposed swivel section
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 19.



## Wall plate vertical adjustable joiner – left

SS2205

**Polish, satin or matt black finish**

Order Code: STG-2521-WP-VA-L-P (Polish)

STG-2521-WP-VA-L-S (Satin)

STG-2521-WP-VA-L-B (Black)

- 51mm wide wall plate features vertical adjustable joiner
- Fits internal of rails with exposed swivel section
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 19.



## Wall plate horizontal adjustable joiner – right

SS2205

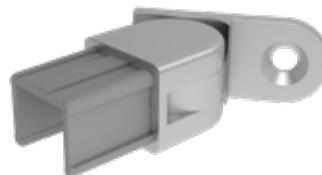
**Polish, satin or matt black finish**

Order Code: STG-2521-WP-HA-R-P (Polish)

STG-2521-WP-HA-R-S (Satin)

STG-2521-WP-HA-R-B (Black)

- 51mm wide wall plate features horizontal adjustable joiner
- Fits internal of rails with exposed swivel section
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 19.



# STANDARD NANORAIL

## Wall plate horizontal adjustable joiner

### – left

SS2205

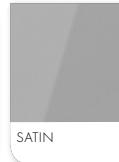
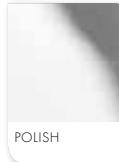
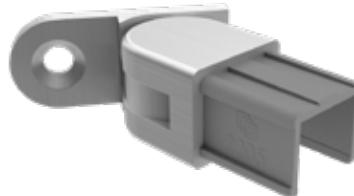
#### Polish, satin or matt black finish

Order Code: STG-2521-WP-HA-L-P (Polish)

STG-2521-WP-HA-L-S (Satin)

STG-2521-WP-HA-L-B (Black)

- 51mm wide wall plate features horizontal adjustable joiner
- Fits internal of rails with exposed swivel section
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 19.



## 90° vertical adjustable joiner –

### right

SS2205

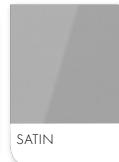
#### Polish, satin or matt black finish

Order Code: STG-2521-90-VA-R-P (Polish)

STG-2521-90-VA-R-S (Satin)

STG-2521-90-VA-R-B (Black)

- 90-degree vertical adjustable joiner
- Fits internal of rails with exposed swivel section
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 19.



## 90° vertical adjustable joiner –

### left

SS2205

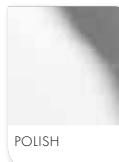
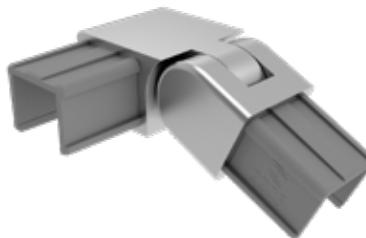
#### Polish, satin or matt black finish

Order Code: STG-2521-90-VA-L-P (Polish)

STG-2521-90-VA-L-S (Satin)

STG-2521-90-VA-L-B (Black)

- 90-degree vertical adjustable joiner
- Fits internal of rails with exposed swivel section
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 19.



# MECHANICAL FIXING GUIDE



## PARTS



STG-MECH-BIT-CSK

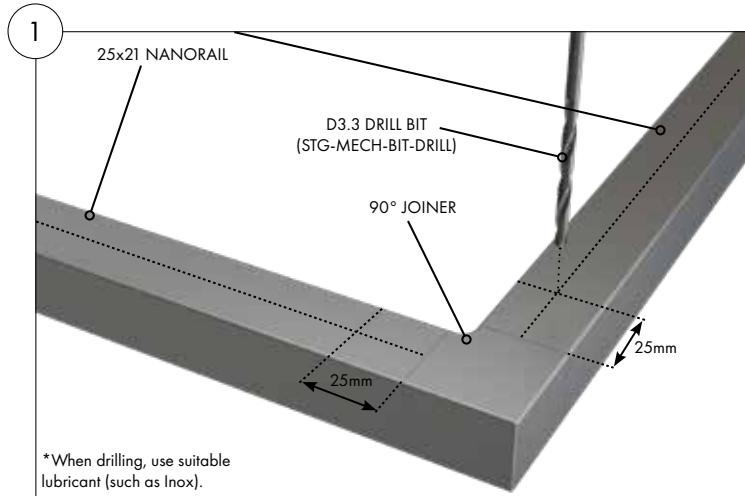


STG-MECH-BIT-DRILL

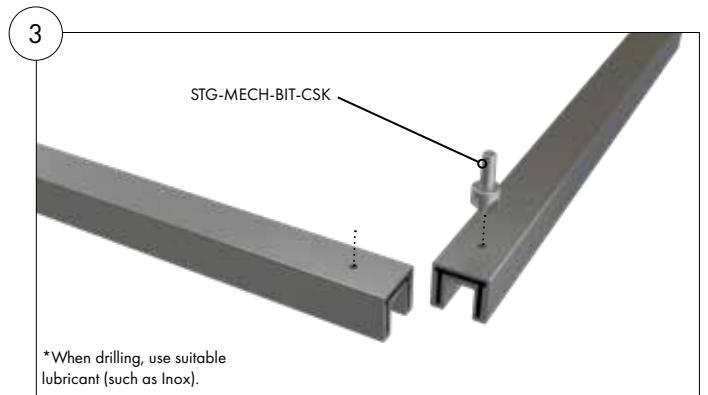
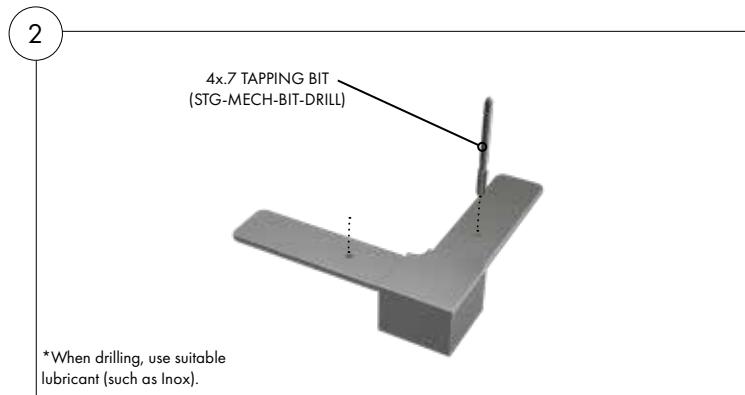


STG-MECH-SCREW-20PK

SS316 M4 x 5mm countersunk screw

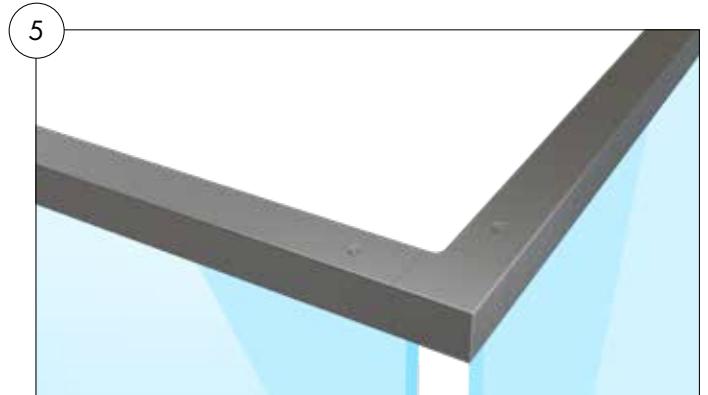
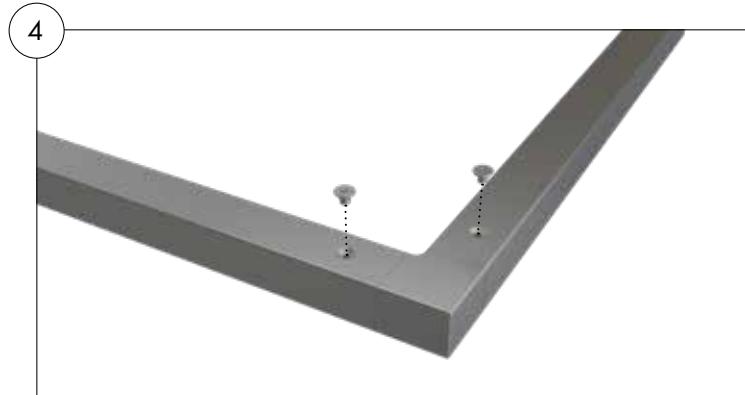


Place handrail on glass and mark holes in the centre of the handrails, 25mm from the handrail edge where it meets the 90° joiner. Remove handrail from glass and position on a stable, padded surface. Whilst on stable, padded surface, using D3.3 DRILL BIT (STG-MECH-BIT-DRILL), drill holes through both handrail and 90° joiner.



Separate 90 degree joiner from handrail. Using STG-MECH-BIT-DRILL tapping bit, tap thread into the 2 x holes in the 90 degree joiner.

With handrail and 90 degree joiner still separated, use STG-MECH-BIT-CSK and countersink 2 x top holes in handrail.



Re-position handrail on glass.

NOTE: Same principle applies for inline joiner installation.

# 15mm frameless glass balustrade



## Engineering certification

We've developed and tested a full range of solutions to suit most balustrade configurations and projects. Each solution comes with a Product Technical Statement, making engineering sign-off straightforward. Scan to learn more.



# 15MM CLEAR TOUGHENED GLASS

## HEAT SOAKED GLASS – FRAMELESS BALUSTRADE GLASS (WITH NO HOLES)

50mm increments from 300mm wide up to 1400mm wide

Order Code	Perth Order Code	Width	Height	Sqm	Weight
1000FBG-0300	C1000FBG-0300	300mm	1000mm	0.30	11kg
1000FBG-0350	C1000FBG-0350	350mm	1000mm	0.35	13kg
1000FBG-0400	C1000FBG-0400	400mm	1000mm	0.40	15kg
1000FBG-0450	C1000FBG-0450	450mm	1000mm	0.45	17kg
1000FBG-0500	C1000FBG-0500	500mm	1000mm	0.50	19kg
1000FBG-0550	C1000FBG-0550	550mm	1000mm	0.55	21kg
1000FBG-0600	C1000FBG-0600	600mm	1000mm	0.60	23kg
1000FBG-0650	C1000FBG-0650	650mm	1000mm	0.65	24kg
1000FBG-0700	C1000FBG-0700	700mm	1000mm	0.70	26kg
1000FBG-0750	C1000FBG-0750	750mm	1000mm	0.75	28kg
1000FBG-0800	C1000FBG-0800	800mm	1000mm	0.80	30kg
1000FBG-0850	C1000FBG-0850	850mm	1000mm	0.85	32kg
1000FBG-0900	C1000FBG-0900	900mm	1000mm	0.90	34kg
1000FBG-0950	C1000FBG-0950	950mm	1000mm	0.95	36kg
1000FBG-1000	C1000FBG-1000	1000mm	1000mm	1.00	38kg
1000FBG-1050	C1000FBG-1050	1050mm	1000mm	1.05	39kg
1000FBG-1100	C1000FBG-1100	1100mm	1000mm	1.10	41kg
1000FBG-1150	C1000FBG-1150	1150mm	1000mm	1.15	43kg
1000FBG-1200	C1000FBG-1200	1200mm	1000mm	1.20	45kg
1000FBG-1250	C1000FBG-1250	1250mm	1000mm	1.25	47kg
1000FBG-1300	C1000FBG-1300	1300mm	1000mm	1.30	49kg
1000FBG-1350	C1000FBG-1350	1350mm	1000mm	1.35	51kg
1000FBG-1400	C1000FBG-1400	1400mm	1000mm	1.40	53kg

## FRAMELESS POOL BALUSTRADE (WITH NO HOLES)

15FF-0800	C15FF-0800	800mm	1200mm	0.96	36kg
15FF-0900	C15FF-0900	900mm	1200mm	1.08	41kg
15FF-1000	C15FF-1000	1000mm	1200mm	1.20	45kg

15mm clear toughened & heat soaked  
2mm radius corners  
No holes in glass  
Superior flat polish edge finishing  
Grade 'A' toughened glass  
Australian Standards  
AS/NZS2208 compliant



### IMPORTANT

If glass is selected for use in a balustrade barrier, careful attention is required prior to installation having regard to the NCC (National Construction Code) and relevant Australian Standards.

It is important that the selection of balustrade barrier glass is appropriate for the installation site by way of engineer review.

# MADRID DELUXE RANGE SS2205

## Square core drill spigot

### FRICITION FIT

#### Polish, satin, matt black or matt white finish

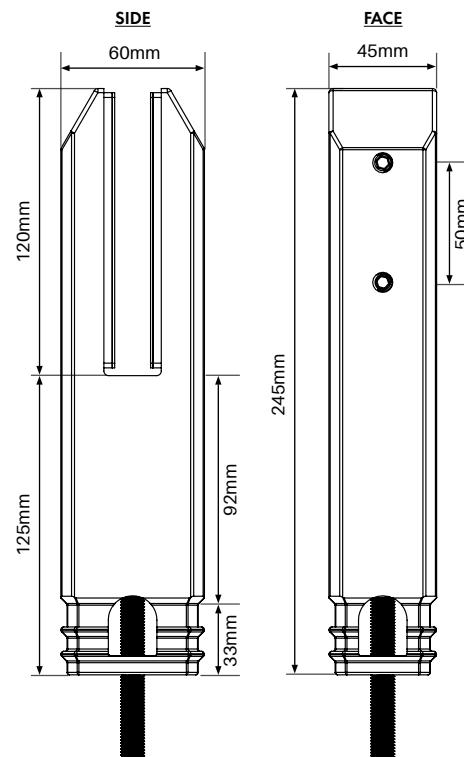
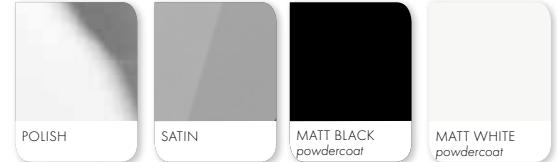
Order Code: MADDEL-S-P (Polish)

MADDEL-S-S (Satin)

MADDEL-S-B (Black)

MADDEL-S-MW (White)

- Suits 15mm to 17.52mm thick glass (friction fit)
- Superior strength 60x45mm profile suits balustrade load & deflection requirements
- Features contemporary tapered top to ensure no 'toe holds'
- Made from duplex stainless steel 2205
- Specially designed friction plate maximises glass clamping surface area
- M10 threaded rod at base assists for height adjustment in core hole and also acts as an extra anchoring point
- Dress rings sold separately



## Trade Tip for Core Drilling!

The 60x45mm profile measures 75mm across the diagonal. As such, a 76mm diameter core drill bit is too small. Consider an 83mm or 89mm diameter core drill bit.

## Dress ring

105mm x 105mm outer

#### Polish, satin, matt black or matt white finish

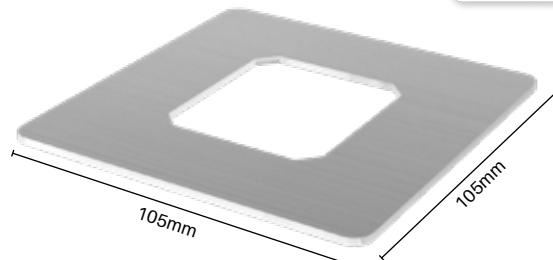
Order Code: MADDEL-DR-P

MADDEL-DR-S

MADDEL-DR-B

MADDEL-DR-MW

- 2mm thick flat dress ring
- Made from stainless steel marine grade 316



# MADRID DELUXE RANGE SS2205

## Square base plated spigot

### FRICITION FIT

**Polish, satin, matt black or matt white finish**

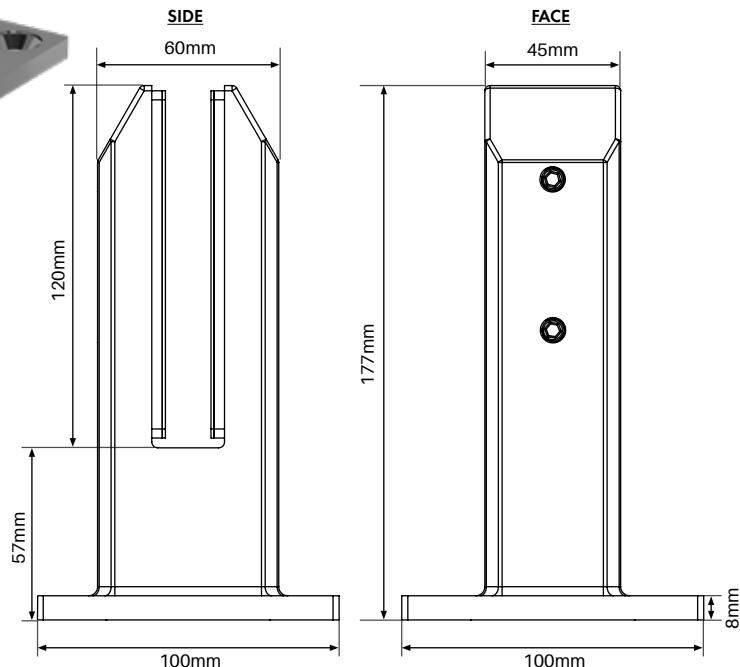
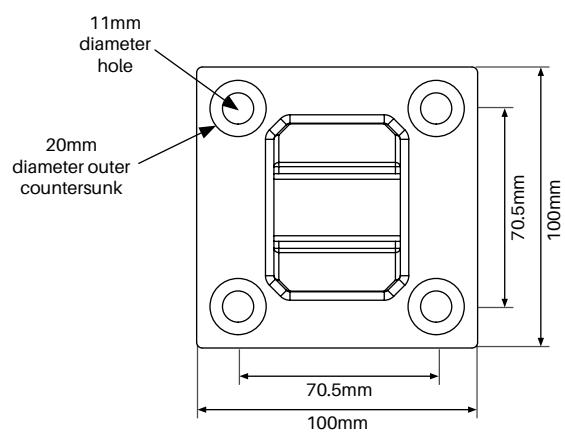
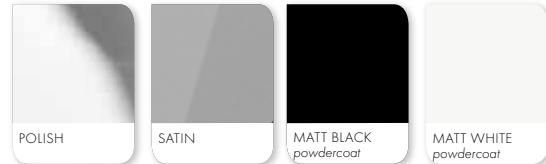
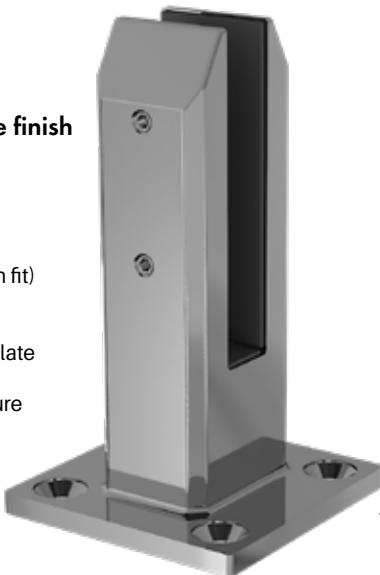
Order Code: MADDEL-SBP-P (Polish)

MADDEL-SBP-S (Satin)

MADDEL-SBP-B (Black)

MADDEL-SBP-MW (White)

- Suits 15mm to 17.52mm thick glass (friction fit)
- Superior strength 60x45mm profile suits balustrade load & deflection requirements
- Integrated 100mm x 100mm square base plate featuring 4 x countersunk fixing holes
- Features contemporary tapered top to ensure no 'toe holds'
- Made from duplex stainless steel 2205
- Glass recesses 120mm into spigot throat to maximise clamping area
- Domical covers sold separately



## Square slimline domical cover

104x104mm – 16mm High

**Polish, satin, matt black or matt white finish**

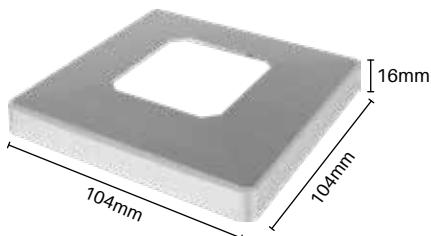
Order Code: MADDEL-SDC-P (Polish)

MADDEL-SDC-S (Satin)

MADDEL-SDC-B (Black)

MADDEL-SDC-MW (White)

- Slimline cover suits use with countersunk fixings
- Made from stainless steel marine grade 316



## High domical cover for base plate

104x104mm – 22mm High

**Polish, satin, matt black or matt white finish**

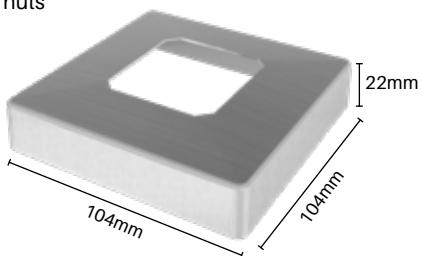
Order Code: MADDEL-HDC-P (Polish)

MADDEL-HDC-S (Satin)

MADDEL-HDC-B (Black)

MADDEL-HDC-MW (White)

- 22mm high cover can be used with most standard M10 or M12 hex nuts
- Made from stainless steel marine grade 316



# MADRID DELUXE RANGE SS2205

## Top fix square spigot

**Polish, satin, matt black or matt white finish**

Order Code: MADDEL-TF-P (Polish)

MADDEL-TF-S (Satin)

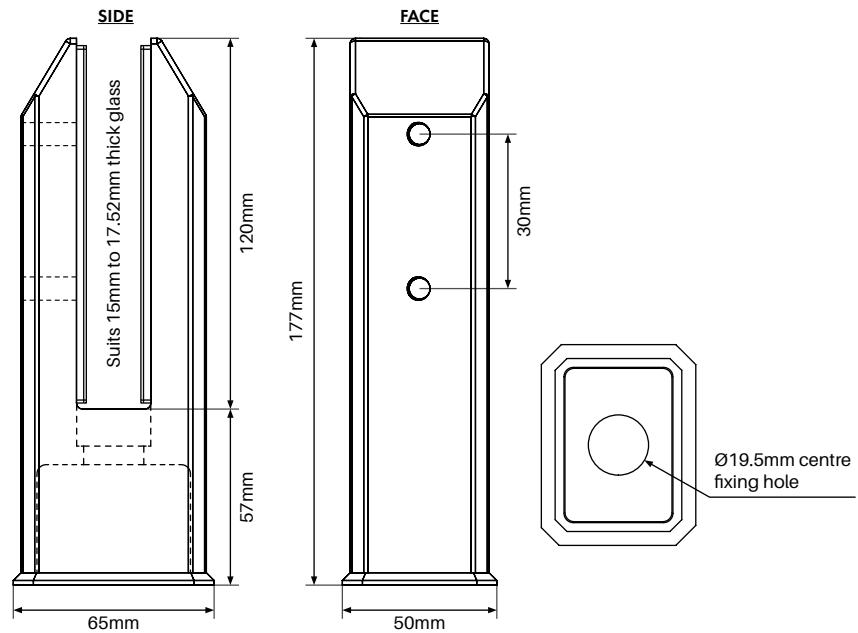
MADDEL-TF-B (Black)

MADDEL-TF-MW (White)

- Suits 15mm to 17.52mm thick glass (friction fit)
- Top fix spigot installed with single central M12 fixing and specially machined internal fitting nut
- Superior strength 65x50mm structure (with 45mm visual face)
- Ideal for steel beam installations: bolt from underside of beam (note: due to load force application to a single fixing, the Madrid Top Fix Spigot is not recommended for timber fixing or chemical anchoring of the M12 threaded rod. For balustrade application, only use with steel beam in conjunction with M12 threaded rod underside lock nut)
- Glass recesses 120mm into spigot throat to maximise clamping area
- Features contemporary tapered top to ensure no 'toe holds'
- Made from duplex stainless steel 2205
- Domical covers or dress rings not required
- 5mm thick stainless steel height adjustment packers available for installing on uneven surfaces (note that up to 5mm of height adjustment is possible in the spigot mouth by use of plastic packers under glass).



SS2205 M12  
fixing nut



## 5mm height adjustment packer

**Polish, satin, matt black or matt white finish**

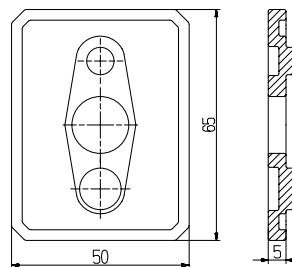
Order Code: MADDEL-TFPKR-P (Polish)

MADDEL-TFPKR-S (Satin)

MADDEL-TFPKR-B (Black)

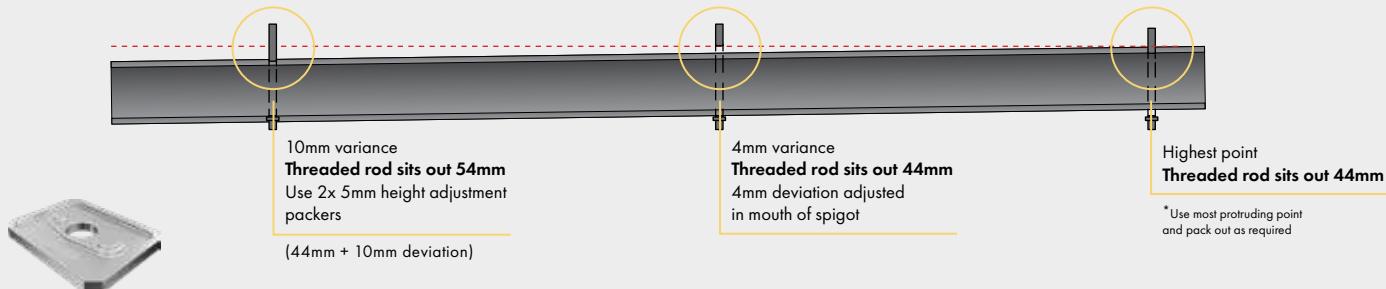
MADDEL-TFPKR-MW (White)

- SS2205 in polish, satin, matt black or matt white finish
- Sits under top fix spigot
- Packers can be stacked on top of each other



# MADRID TOP FIX STEEL BEAM INSTALL GUIDE

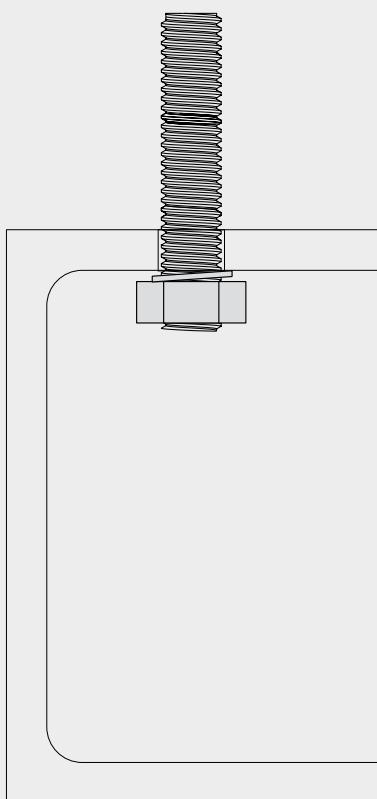
**NOTE:** Attach a stringline to the surface from where the first spigot is being installed to where the last spigot is being installed and note any variance in level. Refer to below example for further information.



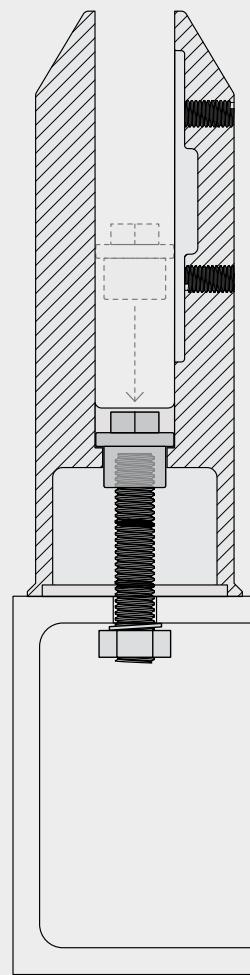
## HEIGHT ADJUSTMENT GUIDE

Floor variance	Adjustment required
1mm – 5mm	Adjust glass with packers in mouth of spigot. 5mm height adjustment of glass is possible in mouth of spigot.
5.1mm – 10mm	Use 1x 5mm stainless packer and adjust glass with packers in mouth of spigot
10.1mm – 15mm	Use 2x 5mm stainless packer and adjust glass with packers in mouth of spigot

**1** Pre-drill 1x 12.5mm or 13mm hole through beam. Insert threaded rods and leave 44mm of thread protruding from top of beam (or as required subject to diagram above). Ensure enough thread is left protruding from underneath the beam for an M12 nut with spring washer to be affixed.



**2** Place Madrid Top Fix Spigot down onto M12 fixing. Position machined nut into centrally located cavity in the spigot and tighten nut securely onto thread (it is always recommended to use Loctite on fixing nut thread). Ensure spigot is firmly and securely fastened down.



### Trade tip!

Tilt adjustment and side to side adjustment packers are included with each spigot to assist in installation.

### Important!

Fixing nut suits 8mm hex drive or 14mm socket



---

# Versatilt

## aluminium

### Engineering certification

We've developed and tested a full range of solutions to suit most balustrade configurations and projects. Each solution comes with a Product Technical Statement, making engineering sign-off straightforward. Scan to learn more.



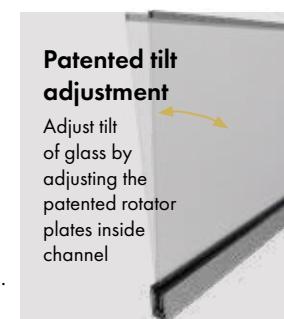
# VERSATILT ALUMINIUM



## The Versatilt standard aluminium channel system with glass tilt adjustability sets the new standard for face mount and deck mount channel installations.

Channels available in clear anodised finish at 4200mm long with pre-drilled fixing holes suitable for either face mount or deck mount installation. Covers simply snap on to conceal all fixings. In a massive technical advancement, the patented rotator plates allow friction fitting and **TILT ADJUSTMENT** of glass inside the channel.

The Versatilt channel is perfect for deck mount and face mount situations.

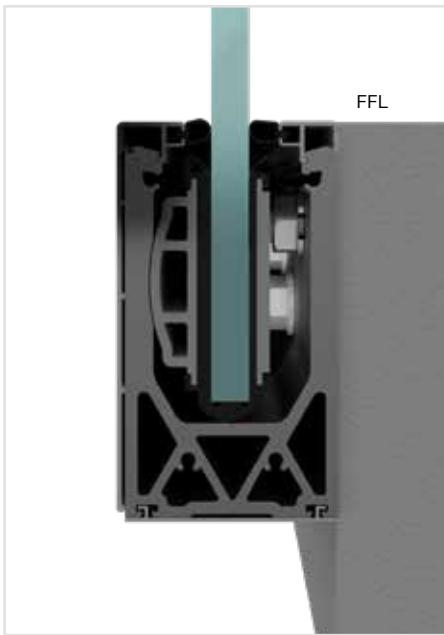


- Suits 15mm toughened glass
- Channel finish is clear anodised – Covers available in brushed satin anodised, black anodised or mill finish
- Face mount & deck mount styles available – 4200mm long
- Pre-machined elongated fixing holes
- Easy snap-on covers hide all fixings
- Highest quality complete channel system + easy to install!
- For corner installations there is no need to mitre cut the channel itself.

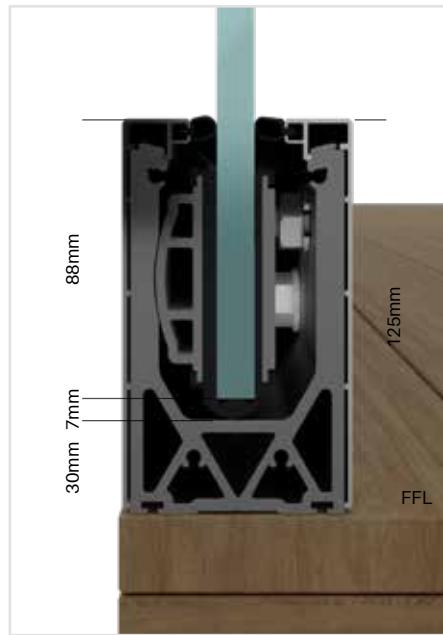
Simply cut covers for easy installation – Channel can butt join and be hidden by covers



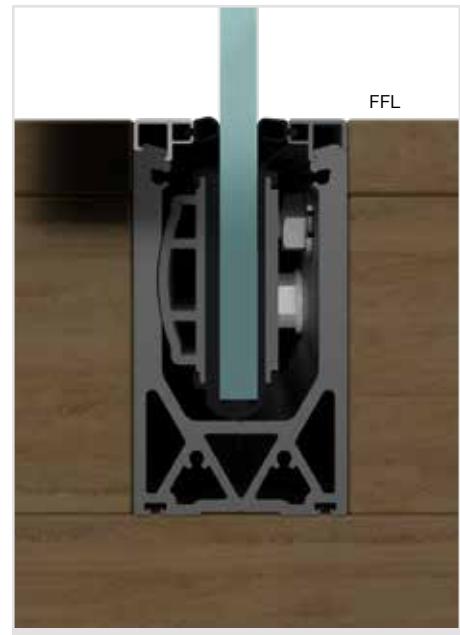
### Face mount



### Deck mount



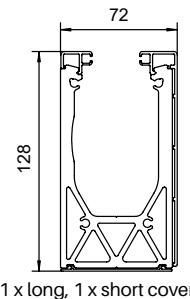
### Concealed in deck



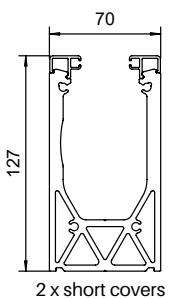
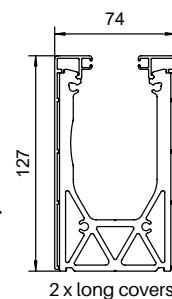
NOTE: Ensure adequate water drainage points!  
Not suitable for concrete slab concealing due to potential water retention

### OVERALL DIMENSIONS

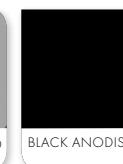
#### FACE MOUNT



#### DECK MOUNT



# VERSATILT ALUMINIUM



## Face mount channel kit

Mill, brushed satin, black anodised

Order Code: **VER-4200-FMK-M**

**VER-4200-FMK-SA**

**VER-4200-FMK-B**

- Clear anodise aluminium 4200mm long channel
- Mill, brushed satin or black anodised finish aluminium 4450mm long covers with glazing rubbers to suit 12mm thick glass
- Pre-machined elongated fixing holes in channel
- 1x full cover, 1x top cover & 1x bottom cover

## Face mount end plates

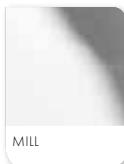
Mill, brushed satin, black anodised

Order Code: **VER-2FMEP-M**

**VER-2FMEP-SA**

**VER-2FMEP-B**

- 2x machined aluminium end plates
- Suits face mount channel
- Mill, brushed satin or black anodised finish
- 4x SS316 panhead screws



## Deck mount channel kit

Mill, brushed satin, black anodised

Order Code: **VER-4200-DMK-M**

**VER-4200-DMK-SA**

**VER-4200-DMK-B**

- Clear anodise aluminium 4200mm long channel
- Mill, brushed satin or black anodised finish aluminium 4450mm long covers with glazing rubbers to suit 12mm thick glass
- Pre-machined elongated fixing holes in channel
- 2x full covers & 2x top covers (discard covers not required)

## Deck mount end plates

Mill, brushed satin, black anodised

Order Code: **VER-2DMEP-M**

**VER-2DMEP-SA**

**VER-2DMEP-B**

- 2x machined aluminium end plates
- Suits deck mount channel
- Mill, brushed satin or black anodised finish aluminium
- 4x SS316 panhead screws

## 15mm glazing rubber kit

Order Code: **VER-15KIT-RUB**

- Includes 2x 4450mm (R2 & R14 bulb) rubbers to suit Versatilt covers
- Simply discard standard rubbers supplied with covers



# VERSATILT ALUMINIUM



## Pressure plate kit

Order Code: VER-PPKIT-15MM

- Suits 15mm thick glass
- Use at 300mm max centres along bottom edge of glass



## Top infill

Order Code: VER-0300-TI

- 300mm long - cut as required
- EPDM black rubber
- Position between glass in channel



## Alignment pins

Order Code: VER-PINS

- SS316 - 10 pack
- Use to join inline channels together



## Spanner

Order Code: VER-SPANNER

- Slimline spanner for tightening nuts on pressure plates
- Features innovative ratchet for fast tightening



## Stabilising Washer

Order Code: VER-WASHER-14PK

- Pack of 14
- SS316 stabilising washer for DECK MOUNT channel
- Provides a flat surface for fixing into channel.
- Simply place washer in pre-machined holes.



## HOW TO ORDER

### 1 SELECT CHANNEL FIXING METHOD

#### FACE MOUNT

VER-4200-FMK

#### KIT INCLUDES:

- 1x 4200mm channel
- 1x 4450mm side cover
- 1x 4450mm top cover
- 1x 4450mm bottom infill
- 2x 4450mm 12mm glazing rubbers

#### DECK MOUNT or CONCEALED IN DECK

VER-4200-DMK

#### KIT INCLUDES:

- 1x 4200mm channel
- 2x 4450mm side cover
- 2x 4450mm top cover
- 2x 4450mm 12mm glazing rubbers

OR

### 3 SELECT HARDWARE TO SUIT 15MM THICK GLASS

#### 15MM GLAZING RUBBERS

VER-15KIT-RUB

#### KIT INCLUDES:

- 2 x 4450mm (R2 & R14 bulb) rubbers
- Simply discard standard 12mm rubbers supplied with covers

#### 15MM GLASS KIT

VER-PPKIT-15MM

#### KIT INCLUDES:

- 1 x U gasket to suit 15mm glass
- 1 x curve plate
- 1 x pressure plate
- 2 x M12 nuts

+

### 2 SELECT FINISH

#### BRUSHED SATIN ANODISED

OR

#### BLACK ANODISED

OR

#### MILL FINISH

### 4 ADD MISC. EXTRAS

#### DECK MOUNT END PLATES

VER-2DMEP: 2x end plates & 4x screws

#### FACE MOUNT END PLATES

VER-2FMEP: 2x end plates & 4x screws

#### TOP INFILL DIVIDERS

VER-0300-TI: 300mm long

#### JOINING PINS

VER-PINS: Pack of 10

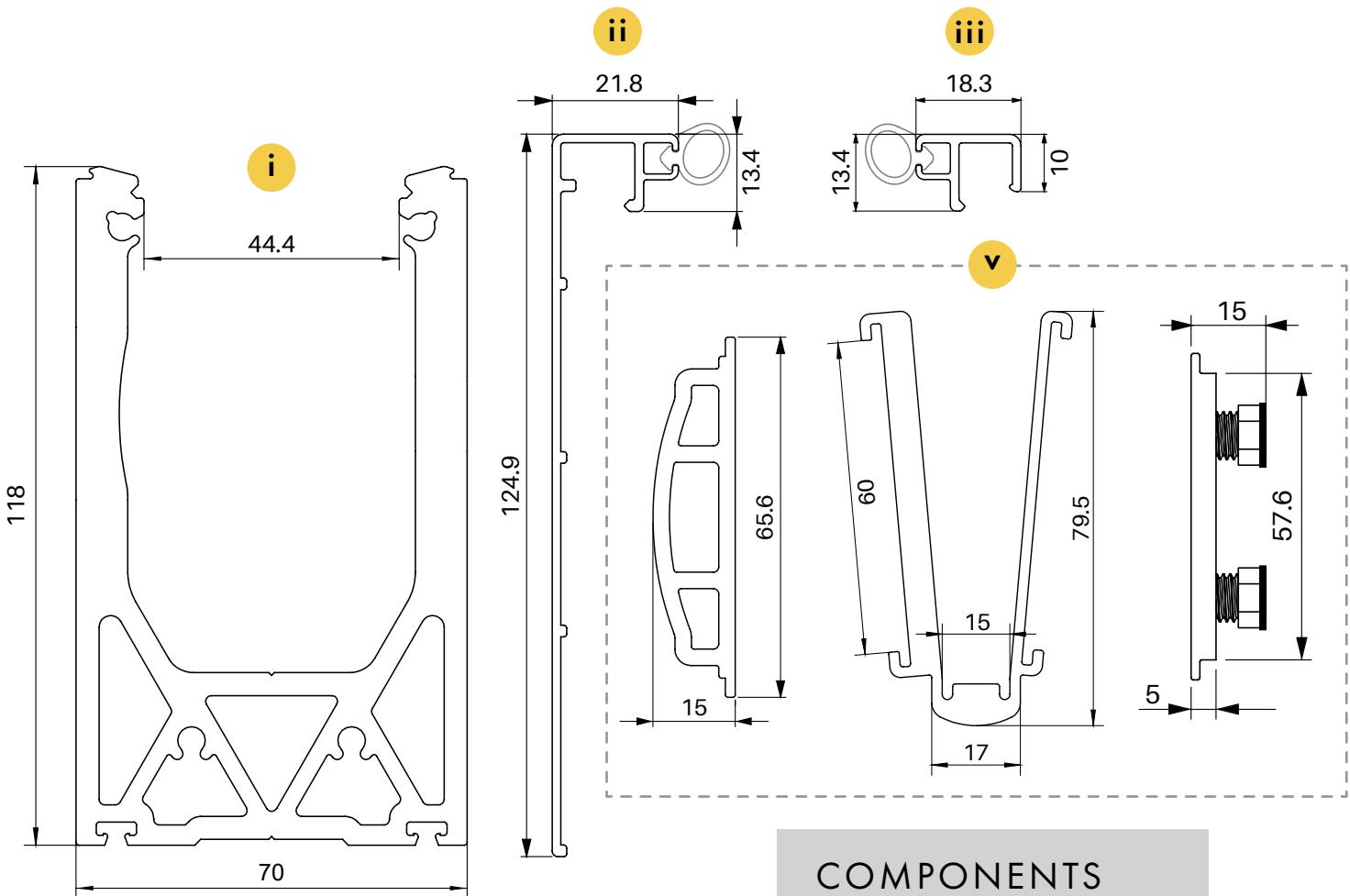
#### SPANNER

VER-SPANNER

#### STABILISING WASHERS

VER-WASHER-14PK: Pack of 14. For DECK MOUNT

## VERSATILT ALUMINIUM

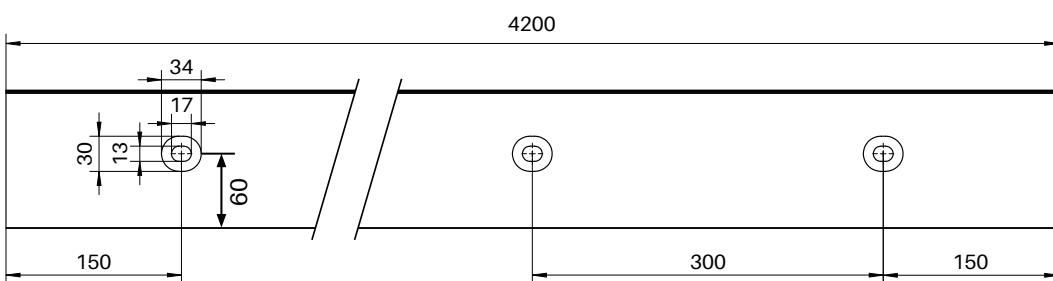
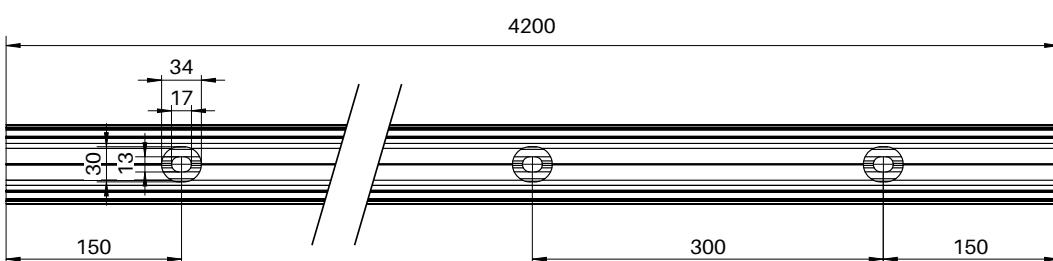


## COMPONENTS

- i** Versatilt channel
- ii** Side mount snap-on cover
- iii** Top mount snap-on cover
- iv** Bottom infill
- v** Pressure plate kit:
  - Curve plate
  - Rubber gasket
  - Pressure plate

## VERSATILT ALUMINIUM

## HOLE MACHINING DETAIL

**Face mount** pre-machined hole positions**Side view****Deck mount** pre-machined hole positions**Plan view**

---

## Standoff balustrade

### Engineering certification

We've developed and tested a full range of solutions to suit most balustrade configurations and projects. Each solution comes with a Product Technical Statement, making engineering sign-off straightforward. Scan to learn more.

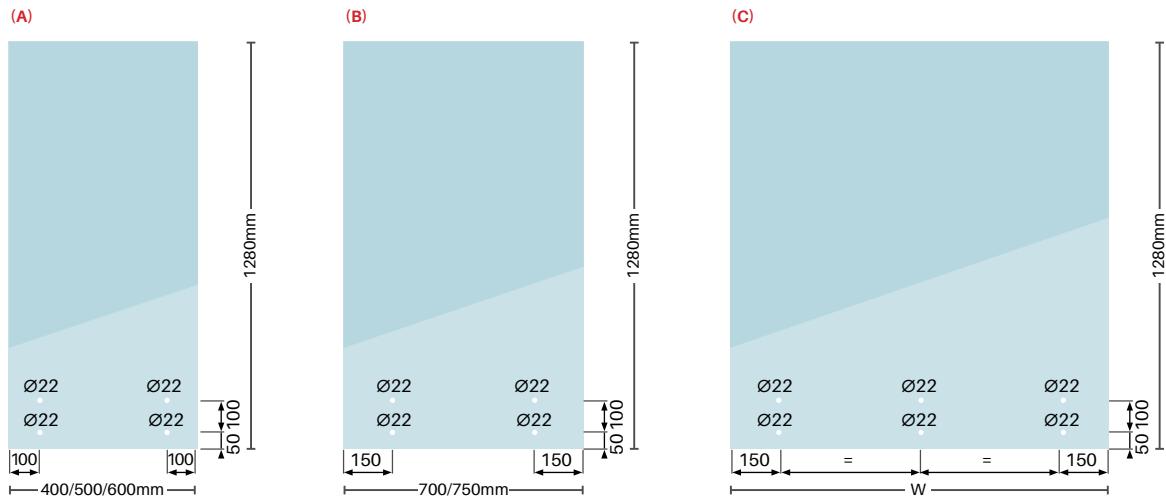


# 15MM CLEAR TOUGHENED STANDOFF GLASS

## HEAT SOAKED GLASS – FRAMELESS BALUSTRADE GLASS (WITH STANDOFF HOLES)

Increments from 400mm wide up to 1200mm wide

Order Code	Perth Order Code	Width	Height	Sqm	Weight	Holes
1280S-0400	C1280S-0400	400mm	1280mm	0.30	19kg	4
1280S-0500	C1280S-0500	500mm	1280mm	0.35	24kg	4
1280S-0600	C1280S-0600	600mm	1280mm	0.40	29kg	4
1280S-0700	C1280S-0700	700mm	1280mm	0.45	34kg	4
1280S-0750	C1280S-0750	750mm	1280mm	0.50	36kg	4
1280S-0800	C1280S-0800	800mm	1280mm	0.55	38kg	6
1280S-0850	C1280S-0850	850mm	1280mm	0.60	41kg	6
1280S-0900	C1280S-0900	900mm	1280mm	0.65	43kg	6
1280S-0950	C1280S-0950	950mm	1280mm	0.70	46kg	6
1280S-1000	C1280S-1000	1000mm	1280mm	0.75	48kg	6
1280S-1050	C1280S-1050	1050mm	1280mm	0.80	50kg	6
1280S-1100	C1280S-1100	1100mm	1280mm	0.85	53kg	6
1280S-1150	C1280S-1150	1150mm	1280mm	0.90	55kg	6
1280S-1200	C1280S-1200	1200mm	1280mm	0.95	58kg	6



15mm clear toughened & heat soaked  
2mm radius corners  
22mmØ holes in glass  
Superior flat polish edge finishing  
Grade 'A' toughened glass  
Australian Standards  
AS/NZS2208 compliant



### IMPORTANT

If glass is selected for use in a balustrade barrier, careful attention is required prior to installation having regard to the NCC (National Construction Code) and relevant Australian Standards.

It is important that the selection of balustrade barrier glass is appropriate for the installation site by way of engineer review.

## GLASS STANDOFFS

**Glass standoffs provide the ultimate finish in point fixing frameless glass panels.**

Our glass standoffs are the highest quality and offer a range of installation advantages.

Made from precision machined 316 grade stainless steel, our standoffs are available in polish or satin finishes. Selected sizes are also available in matt black and matt white finishes. Specifically engineered for 15mm thick glass with a heavy duty 12mm M12 thread, our glass standoffs are ideally suited to any project.

## Ø38MM GLASS STANDOFFS

### About our Ø38mm standoffs range

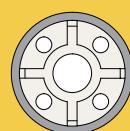
- Heavy duty M12 threaded screw
- M12 threaded through the entire standoff body allows single M12 fixing for body and cap
- Precision machining on cap with bevelled edge
- Suits 12mm-15mm thick glass
- Engineered for use with 15mm glass
- Kit includes: cap, body, 2x plastic washers & 1x bush (fixing rod sold separately)
- Additional washers available to pack out body from wall

Standoff diameter

**Ø38mm**

Recommended glass hole size

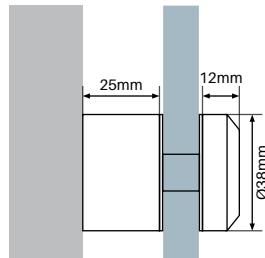
**Ø20mm**



Standoff back view

4x Ø5mm holes | M12 centre thread

\*\* Excludes white standoff body, which is solid



### Ø38mm x 25mm body standoff

SS2205

Polish, satin, matt black or matt white finish

Order Code: GS3825P (Polish)

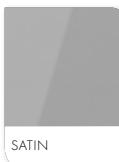
GS3825S (Satin)

GS3825B (Matt black)

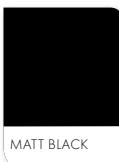
GS3825-MW (Matt white)



POLISH



SATIN

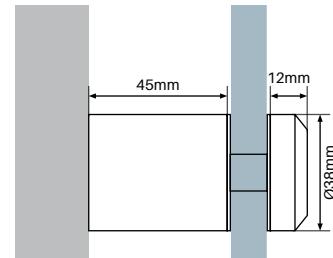


MATT BLACK



MATT WHITE

\*\* Matt white standoffs made from solid aluminium



### Ø38mm x 45mm body standoff

SS2205

Polish, satin, matt black or matt white finish

Order Code: GS3845P (Polish)

GS3845S (Satin)

GS3845B (Matt black)

GS3845-MW (Matt white)



POLISH



SATIN



MATT BLACK



MATT WHITE

\*\* Matt white standoffs made from solid aluminium

# Ø50MM GLASS STANDOFFS

## About our Ø50mm standoffs range

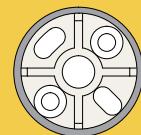
- Heavy duty M12 threaded screw
- M12 threaded through the entire standoff body allows single M12 fixing for body and cap
- Precision machining on cap with bevelled edge
- Additional fixing holes in body for extra rigidity if required
- Suits 12mm-15mm thick glass
- Engineered for use with 15mm glass
- Kit includes: cap, body, 2x plastic washers and 1x bush (fixing rod sold separately)
- Additional washers available to pack out body from wall (sold separately)

Standoff diameter

Ø50mm

Recommended glass hole size

Ø20-22mm



Standoff back view

2x Ø6.5mm holes

7x12mm slots

M12 centre thread

\*\* Excludes white standoff body, which is solid



## Ø50mm x 20mm body standoff

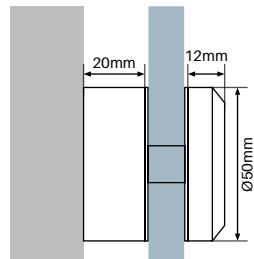
SS2205

Polish, satin or matt black finish

Order Code: GS5020P (Polish)

GS5020S (Satin)

GS5020B (Matt black)



## Ø50mm x 30mm body standoff

SS2205

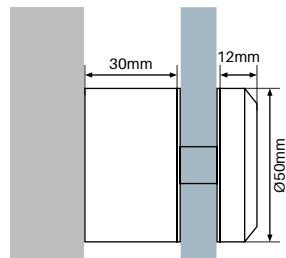
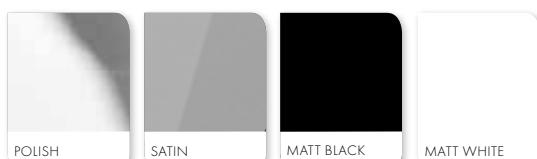
Polish, satin, matt black or matt white finish

Order Code: GS5030P (Polish)

GS5030S (Satin)

GS5030B (Matt black)

GS5030-MW (Matt white)



\*\* Matt white standoffs made from solid aluminium



## Ø50mm x 50mm body standoff

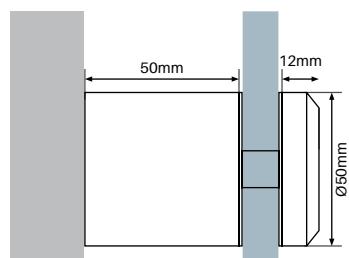
SS2205

Polish, satin, matt black or matt white finish

Order Code: GS5050P (Polish)

GS5050S (Satin)

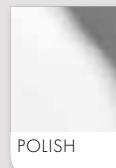
GS5050B (Matt black)



## ADJUSTABLE STANDOFFS

- INNOVATIVE NEW DESIGN
- 38MM DIAMETER OR 50MM DIAMETER
- ADJUST WITH OR WITHOUT GLASS IN POSITION
- 30MM BODY: ADJUST FROM 30 TO 37MM
- 45MM BODY: ADJUST FROM 45 TO 52MM
- MADE FROM STAINLESS STEEL 2205 GRADE
- SLIMLINE 8MM THICK CAP (WITH 1 X TIGHTENING HOLE)
- SUITS 12MM UP TO 15MM THICK GLASS
- WITH M12 FIXINGS
- ENGINEERED FOR USE WITH 15MM GLASS
- RECOMMENDED GLASS HOLE SIZE OF 20MM-22MM DIAMETER

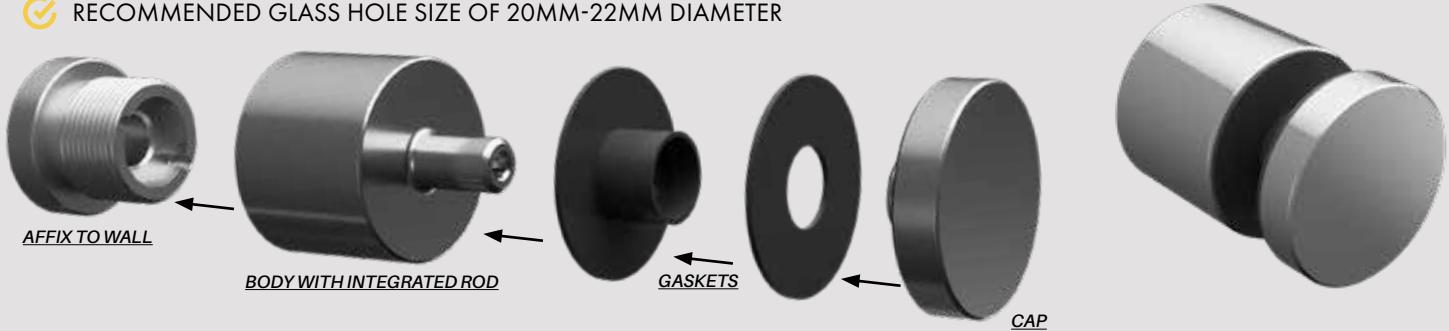
## AVAILABLE FINISHES



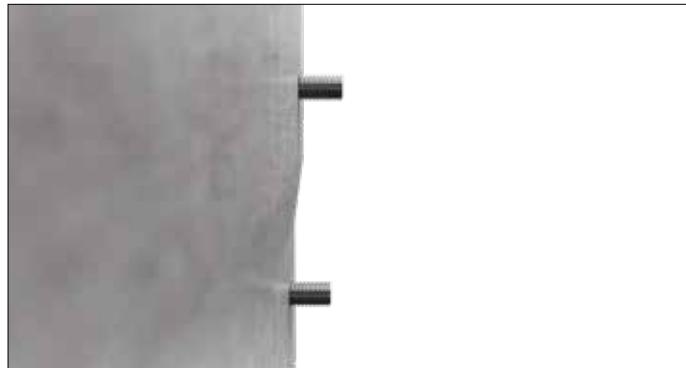
POLISH



SATIN

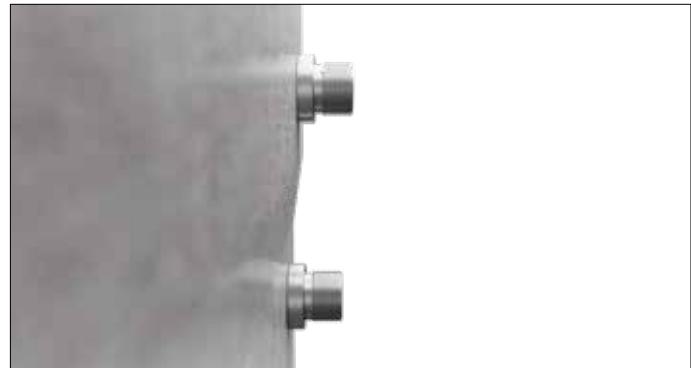
MATT BLACK  
Powder coatMATT WHITE  
Powder coat

## EASY INSTALL STEPS –



## STEP 1

Leave ALL M12 threads 20mm exposed from wall



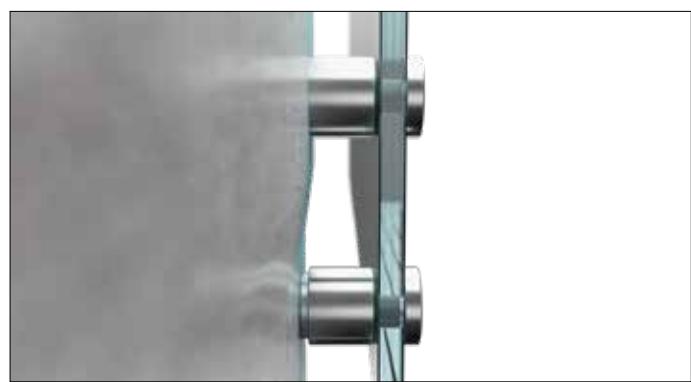
## STEP 2

Screw on base flush to wall



## STEP 3

Body screws onto base.  
7mm ADJUSTMENT available. Simply turn with allen key.  
Adjust with or without glass in place.



## STEP 4

Install slimline cap to complete

**38mm Diameter cap  
with 30mm body**

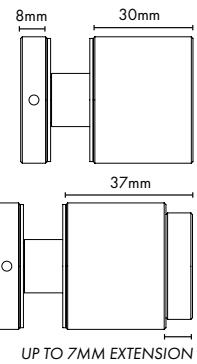
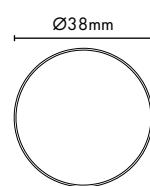
SS2205

GSA-3830-P (Polish)

GSA-3830-S (Satin)

GSA-3830-B (Matt Black)

GSA-3830-MW (Matt White)

**38mm Diameter cap  
with 45mm body**

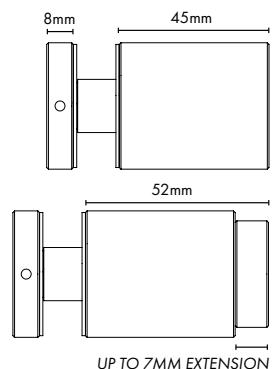
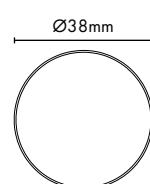
SS2205

GSA-3845-P (Polish)

GSA-3845-S (Satin)

GSA-3845-B (Matt Black)

GSA-3845-MW (Matt White)

**50mm Diameter cap  
with 30mm body**

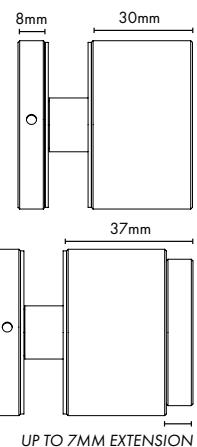
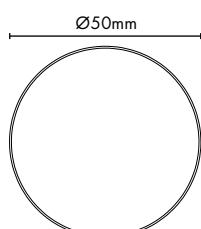
SS2205

GSA-5030-P (Polish)

GSA-5030-S (Satin)

GSA-5030-B (Matt Black)

GSA-5030-MW (Matt White)

**50mm Diameter cap  
with 45mm body**

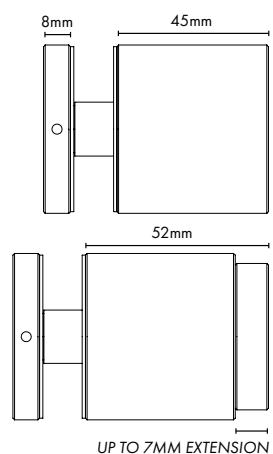
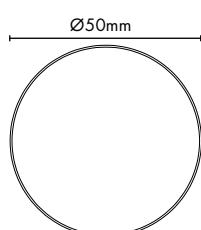
SS2205

GSA-5045-P (Polish)

GSA-5045-S (Satin)

GSA-5045-B (Matt Black)

GSA-5045-MW (Matt White)



# GLASS STANDOFF ACCESSORIES

## M12 Threaded Rod

SS304

Order Code: **GS150ROD**  
**GS1000ROD**

- M12 threaded rod available 150mm or 1000mm lengths

MATES WITH GSA- and GS- Standoffs

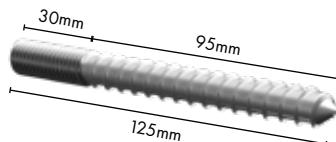


## M12 Lag Screw

SS304

Order Code: **GS125LAG**

- M12 with hex head drive
- 125mm long with 95mm lag screw and 30mm of M12 thread

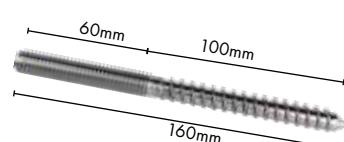
MATES WITH **GSA-** Standoffs

## M12 160mm lag screw

SS304

Order Code: **GS160LAG**

- M12 with hex head drive
- 160mm long with 100mm lag screw and 60mm of M12 thread

MATES WITH **GS-** Standoffs

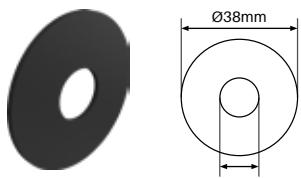
## M12 dome nut

PACK OF 4 – SS316

Black or Silver finish

Order Code: **GS-DN-4PK (Silver)**  
**GS-DN-4PK-B (Black)**

- 4x dome nuts & 4x split washers



## Ø38mm nylon washer

Black or white nylon

Order Code: **GS38W (Black)****GS38W-WHITE (White)**

- Allows for packing out from wall
- Suits all Ø38mm body standoffs in our range
- UV stabilised black plastic – 1mm thick

## Standoff tool

SS316

Order Code: **GSTOOL**

- Tighten or loosen Ø38mm & Ø50mm standoffs



## Soudal VE-400SF

### Anchoring Resin

380mL

Order Code: **SOUD-VE400**

- 2 part anchoring resin for securing threaded rods and studs
- Vinyl ester styrene free
- Suits various materials such as concrete, solid brick, stone and more
- Watertight and impermeable fixing
- Fast cure (20°C = 45 min full core)



## Soudal 380mm

### Applicator Gun

Order Code: **SOUD-GUN380**

- Trade quality applicator gun for 380ml chemical anchor cartridges
- Enables smooth and precise application of chemical anchor





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# Handrails

## glass balustrade



### Engineering certification

We've developed and tested a full range of solutions to suit most balustrade configurations and projects. Each solution comes with a Product Technical Statement, making engineering sign-off straightforward. Scan to learn more.



# DELUXE NANORAIL

## Top glaze deluxe nanorail rectangular handrail

SS316L

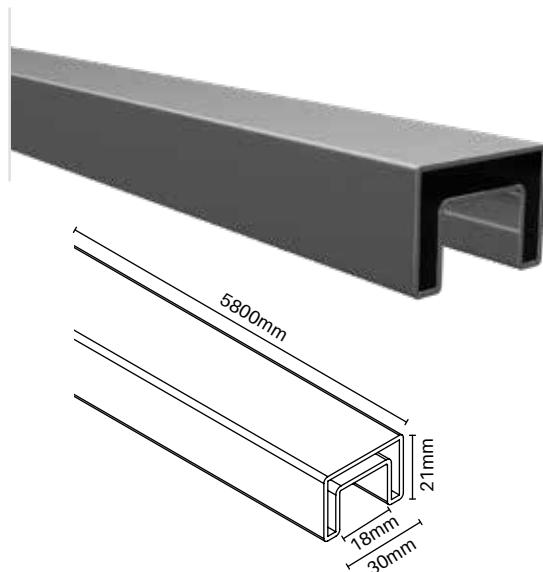
RHS 30mmW x 21mmH – 5800mmL

**Polish or satin finish**

Order Code: STG-R5800-DELUXE-P (Polish)

STG-R5800-DELUXE-S (Satin)

- 30mm wide x 21mm high stainless steel 316L railing
- Features 18mm wide x 14mm high glazing slot
- Suits 15mm thick glass
- Silicone glaze glass or use in conjunction with glazing rubber



## Rigid PVC glazing rubber

2900mmL

**Black nylon**

Order Code: STG-DELUXE-GR

- Suits 15mm thick glass with nanorail deluxe
- Glazing rubber fits over glass with rail then pressed on
- Available 2900mm long: 2 x lengths required per 5800mm long handrail



## Joiner

SS2205

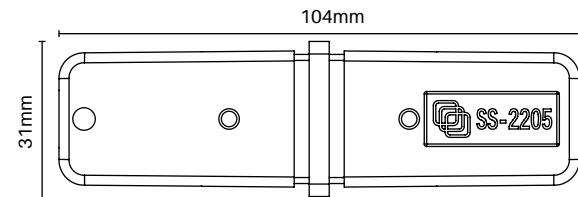
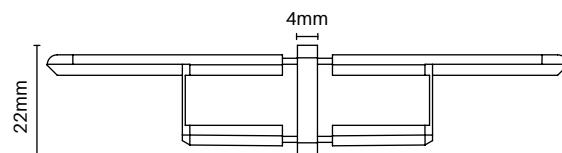
104mmW x 22mmH

**Polish or satin finish**

Order Code: STG-DELUXE-J-P (Polish)

STG-DELUXE-J-S (Satin)

- Inline joiner
- Fits internal of rails with 4mm visible join on 3 sides (top, left, right side – bottom glazing cavity remains open)
- 4mm join matches finish of rail for seamless integration
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations – refer page 44.



# DELUXE NANORAIL

## 90 degree joiner

SS2205

85mmW x 85mmL x 22mmH

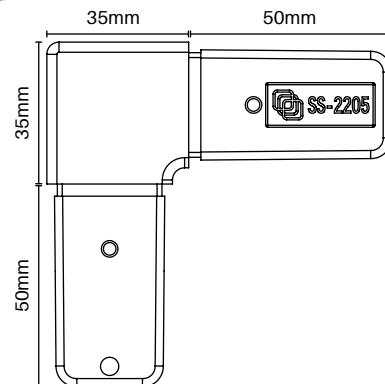
**Polish or satin finish**

Order Code: STG-DELUXE-90J-P (Polish)

STG-DELUXE-90J-S (Satin)



- 90 degree joiner
- Fits internal of rails with 35x35mm visible corner join (bottom glazing cavity remains unobstructed)
- Visible surface matches finish of rail for seamless integration
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations - refer page 44.



## Horizontal adjustable joiner

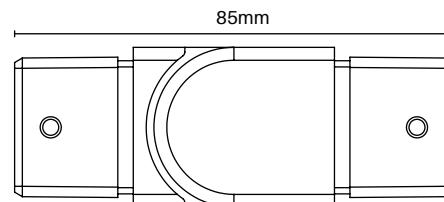
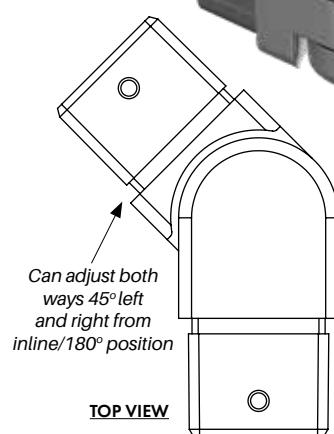
SS2205

85mmW x 22mmH

**Polish or satin finish**

Order Code: STG-DELUXE-HJA-P (Polish)

STG-DELUXE-HJA-S (Satin)



## End cap

SS2205

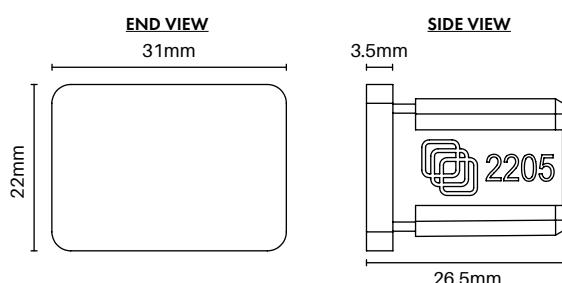
31mmW x 22mmH

**Polish or satin finish**

Order Code: STG-DELUXE-EC-P (Polish)

STG-DELUXE-EC-S (Satin)

- End cap fits internal of rail leaving vertical surface of end cap visible
- Visible surface matches finish of rail for seamless integration
- Made from stainless steel duplex 2205



# DELUXE NANORAIL

## Wall plate

SS2205

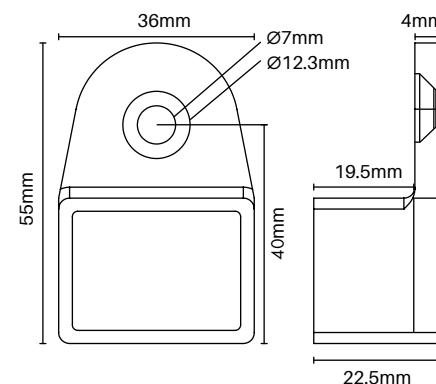
36mmW x 55mmH x 22.5mmD

### Polish or satin finish

Order Code: STG-DELUXE-WP-P (Polish)

STG-DELUXE-WP-S (Satin)

- Wall plate with countersunk fixing hole (7mm hole with 12.3mm outer CSK diameter)
- Rail fits internal of 19.5mm deep wall plate recess
- M5 grub screw located at one side - once rail installed tighten grub screw to ensure rail is hard pressed against wall plate surface
- Visible surface of wall plate matches rail finish for seamless integration
- Made from stainless steel duplex 2205



## Extended wall plate

SS2205

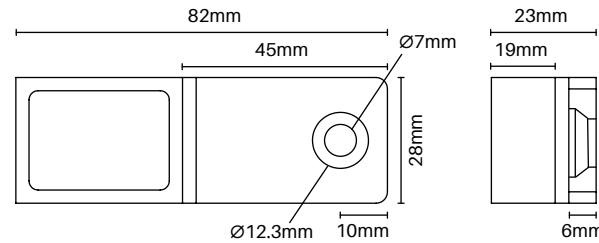
82mmW x 28mmH

### Polish or satin finish

Order Code: STG-DELUXE-WPEXT-P (Polish)

STG-DELUXE-WPEXT-S (Satin)

- Wall plate features offset plate with countersunk fixing hole (7mm hole with 12.3mm outer CSK diameter)
- Rail fits into 19mm deep wall plate recess
- Ideal wall plate where rail is offset to post/structure
- M5 grub screw located at one side - once rail installed tighten grub screw to ensure rail is hard pressed against wall plate surface
- Visible surface matches of wall plate matches rail finish for seamless integration
- Made from stainless steel duplex 2205



## Vertical 90-degree joiner

SS2205

53mm x 53mm

### Polish or satin finish

Order Code: STG-DELUXE-VERTJ-P (Polish)

STG-DELUXE-VERTJ-S (Satin)

- 90-degree vertical joiner
- Fits internal of rails with 25mm x 25mm visible join (glazing cavity remains unobstructed)
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations - refer page 44.



## Vertical adjustment joiner

SS2205

75mm x 22mmH

### Polish or satin finish

Order Code: STG-DELUXE-VJA-P (Polish)

STG-DELUXE-VJA-S (Satin)

- Vertical adjustable joiner
- Fits internal of rails with exposed swivel section allowing vertical adjustment
- Made from stainless steel duplex 2205
- Mechanical fixing of joiners to rail available for balustrade installations - refer page 44.



## MECHANICAL FIXING GUIDE



## PARTS



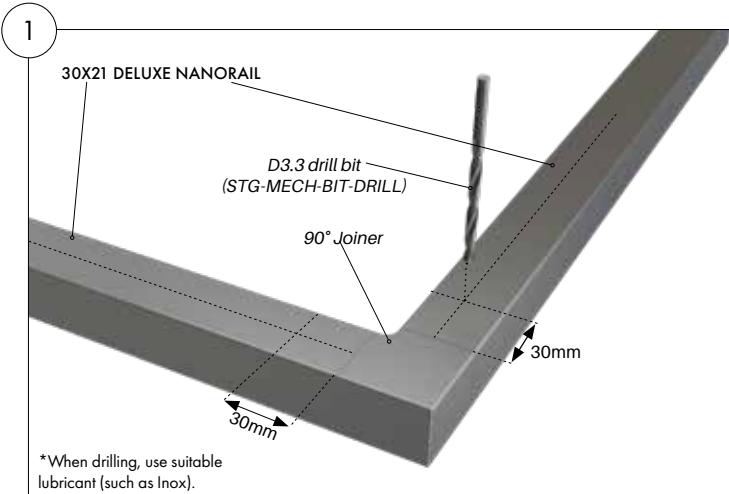
STG-MECH-BIT-CSK



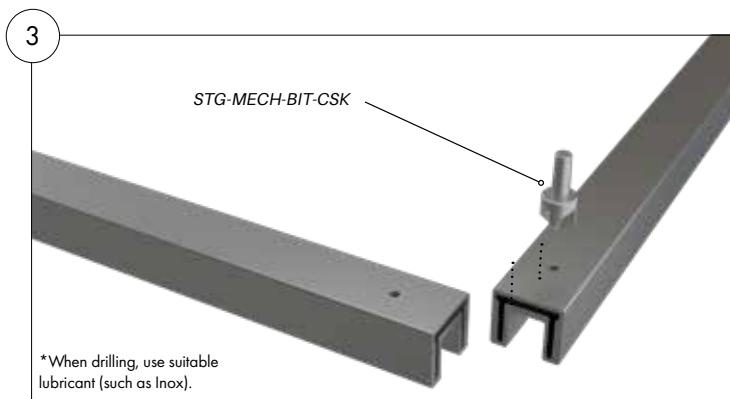
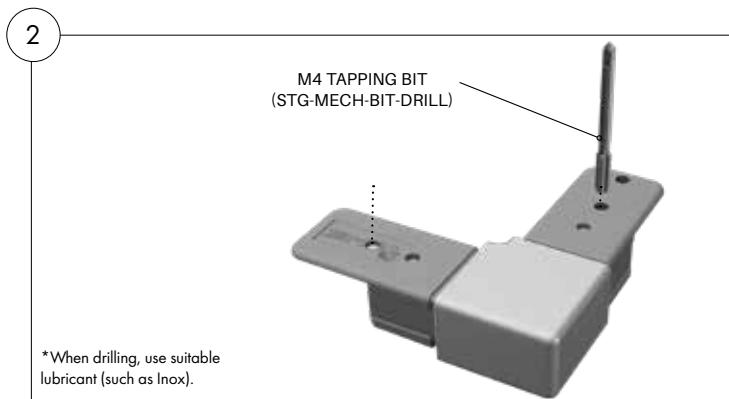
STG-MECH-BIT-DRILL



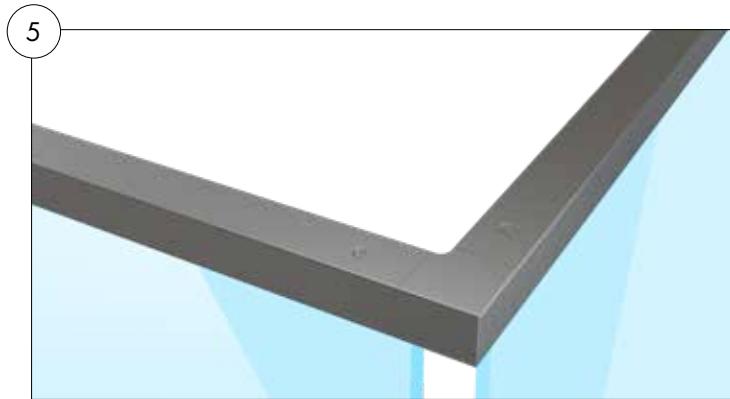
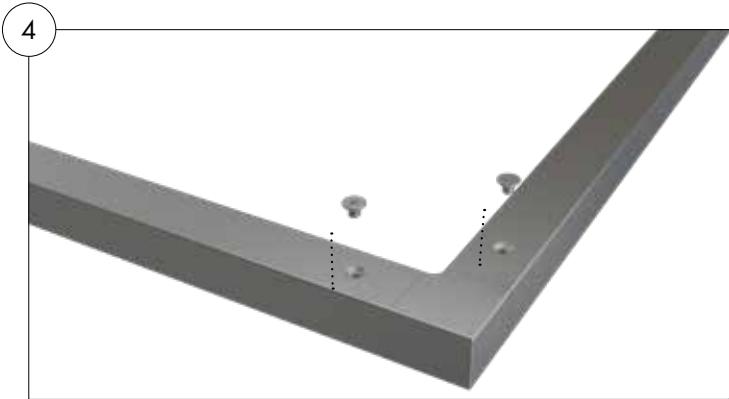
STG-MECH-SCREW-20PK



Place handrail and 90° joiner on glass and mark holes in the centre of the handrails 30mm from the handrail edge where it meets the 90° joiner. Remove handrail and 90° joiner from glass and position on a stable, padded surface. Whilst on stable, padded surface, using D3.3 DRILL BIT (STG-MECH-BIT-DRILL), drill holes through both handrail and 90° joiner.



Separate 90° joiner from handrail. Using STG-MECH-BIT-DRILL tapping bit, tap thread into the 2 x holes in the 90°. With handrail and 90° joiner still separated, use STG-MECH-BIT-CSK and countersink 2 x top holes in handrail.



Insert 90° joiner into handrail. Affix 2x STG-MECH-SCREW per corner to fasten handrails to 90° joiner. Can be completed on installed glass or on stable, padded surface.

Re-position handrail on glass.

The steps described above can be repeated for mechanical fixing of **INLINE JOINERS** and **HORIZONTAL ADJUSTABLE JOINERS**.

## INLINE JOINER

Refer step 1: Place rail in position with inline joiner. Mark & drill 30mm following same principle.

HORIZONTAL  
ADJUSTABLE JOINER

Refer step 1: Place rail in position with horizontal adjustable joiner. Mark & drill 8mm following same principle.

# 35 SERIES RAILING

## 35x35mm railing kit

35x35mm profile

5800MM

**Mill, brushed satin anodise, matt black or matt white finish**

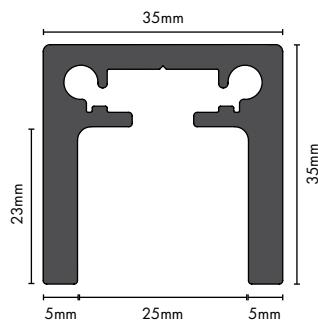
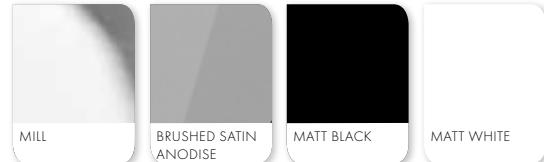
Order Code: SER35-R5800-M

SER35-R5800-SA

SER35-R5800-B

SER35-R5800-MW

- 5800mm long aluminium handrail
- Made from structural alloy 6061-T6
- Each length is supplied as a kit which INCLUDES 2 x end caps & 5800mm long glazing rubber to suit 15mm glass
- Railing suits 12, 14.28, 15, 17.52 and 21.52mm thick glass - simply use correct glazing rubber
- Joiners fit into internal cavity at top of rail
- Rail can be easily cut to required length or angle



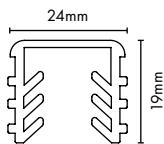
## 35 SERIES RAILING

**EPDM glazing rubber**

6000MM L ROLL

Order Code: **SER35-RUB-12MM**

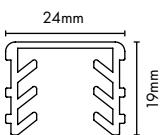
- Suits 12mm thick glass - glazing rubber sold separately

**EPDM glazing rubber**

6000MM L ROLL

Order Code: **SER35-RUB-15MM**

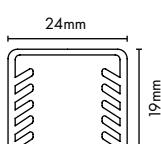
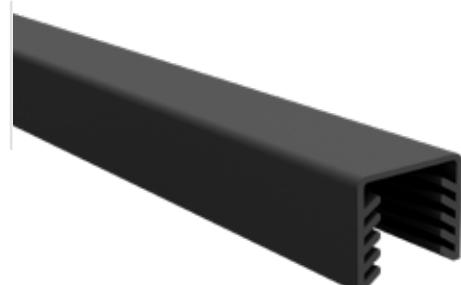
- Suits 14.28 & 15mm thick glass - glazing rubber included in kit with rail
- Optional extra 15mm glazing rubber sold separately

**EPDM glazing rubber**

6000MM L ROLL

Order Code: **SER35-RUB-17.52MM**

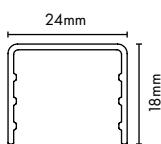
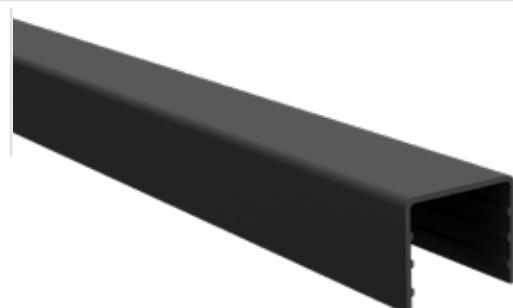
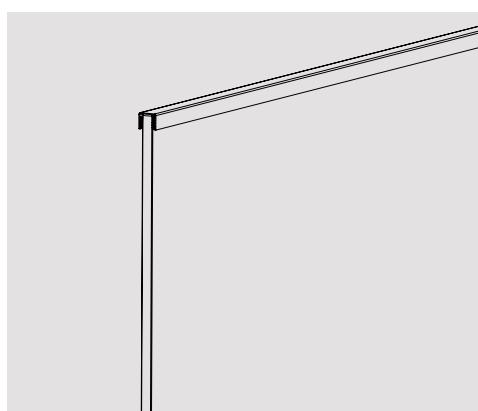
- Suits 17.52mm thick glass - glazing rubber sold separately

**EPDM glazing rubber**

6000MM L ROLL

Order Code: **SER35-RUB-21.52MM**

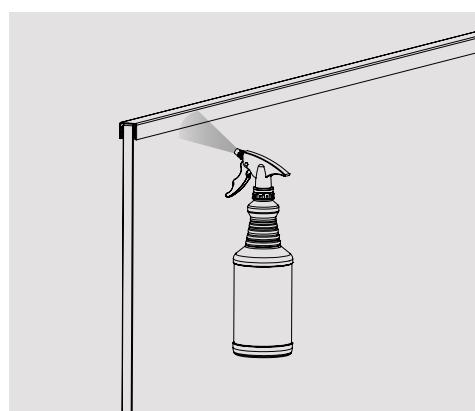
- Suits 21.52mm thick glass - glazing rubber sold separately

**HOW TO INSTALL RUBBER...****STEP 1**

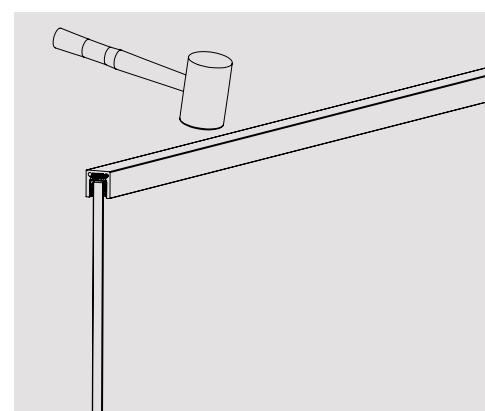
Position glazing rail on top edge of glass.

**TIP:** Being 6000mm long, glazing rubber can span over multiple glass panels.

For neatest finish, it is recommended to cut glazing rubber to size per panel

**STEP 2**

Spray soapy water onto both sides of glazing rubber. Soapy water significantly aids ease of application of glazing rail

**STEP 3**

Install glazing rail. Tap down using a rubber mallet moving along the length of the rail.

**TIP:** avoid striking with excessive force to prevent marking or denting the top rail.

# 35 SERIES RAILING

## Inline joiner

200MM L x 16MM W x 6MM T

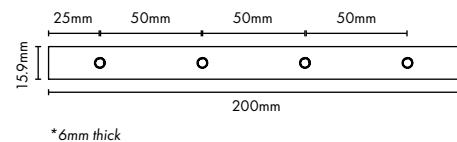
### Satin anodise finish

Order Code: SER35-J-SA

- Sturdy inline joiner made from alloy 6061 T6
- Satin anodise finish
- Fits into internal cavity of glazing rail
- 4 x pointed grub screws pre-installed to aid in securing join of rails



SATIN ANODISE



\*6mm thick

## 90 degree joiner

133MM x 133MM L x 6MM T

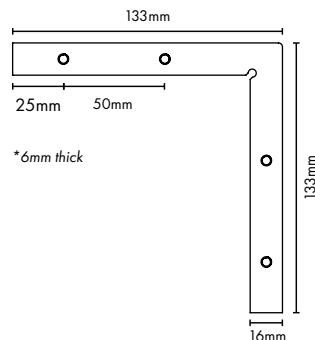
### Satin anodise finish

Order Code: SER35-J90-SA

- Sturdy 90 degree horizontal joiner made from alloy 6061 T6
- Satin anodise finish
- Fits into internal cavity of glazing rail. Mitre cut of rails required.
- 4 x pointed grub screws pre-installed to aid in securing join of rails



SATIN ANODISE



\*6mm thick

## Horizontal adjustable joiner

133MM L x 16MM W x 6MM T

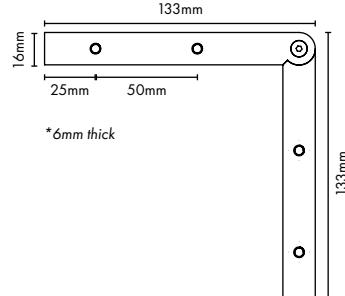
### Satin anodise finish

Order Code: SER35-HJA-SA

- Adjustable angle horizontal joiner made from alloy 6061 T6
- Satin anodise finish
- Fits into internal cavity of glazing rail. Mitre cut rails at required angle.
- 4 x pointed grub screws pre-installed to aid in securing join of rails



SATIN ANODISE



\*6mm thick

# 35 SERIES RAILING

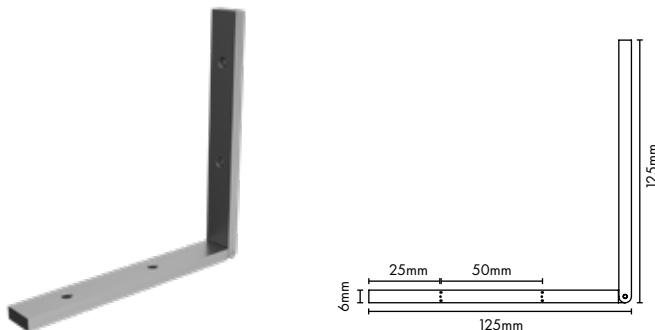
## Vertical adjustable joiner

125MM L x 16MM W x 6MM T

### Satin anodise finish

Order Code: SER35-VJA-SA

- Adjustable angle vertical joiner made from alloy 6061 T6
- Satin anodise finish
- Fits into internal cavity of glazing rail. Mitre cut rails at required angle.
- 4 x pointed grub screws pre-installed to aid in securing join of rails



SATIN ANODISE

## End cap

35MM W x 35MM L x 4MM T

### Mill, brushed satin anodise, matt black

### or matt white finish

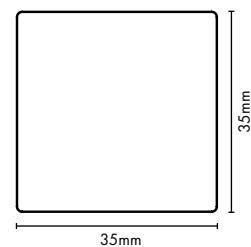
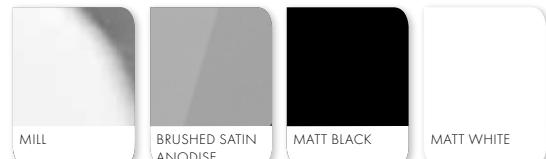
Order Code: SER35-EC-M

SER35-EC-SA

SER35-EC-B

SER35-EC-MW

- Flat end cap with tab that presses into cavity in glazing rail
- Made from alloy 6061-T6
- Includes 1 x pointed grub screw in the end cap tab to aid securing to rail
- 2 x end caps are included with each rail in the kit. Optional extra end caps available separately.



## Wall bracket

43MM W x 63MM H x 25MM D

### Mill, brushed satin anodise, matt black

### or matt white finish

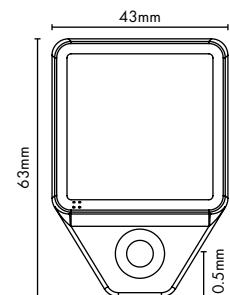
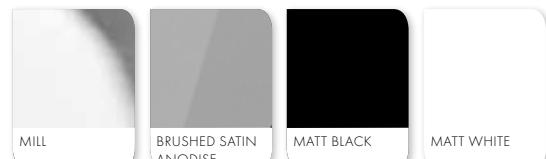
Order Code: SER35-WB-M

SER35-WB-SA

SER35-WB-B

SER35-WB-MW

- Wall bracket made from aluminium die cast (except satin finish made from SS316)
- Railing fits internal of wall bracket. Depth of wall bracket cavity is 25mm
- Matt black and matt white powder coat feature epoxy primer base coat layer
- 1 x 6.5mm CSK fixing hole (with 12mm outer diameter)
- Includes 1 x grub screw to aid securing to rail



# 35 SERIES RAILING

## Extended wall bracket

110MM W x 42MM H

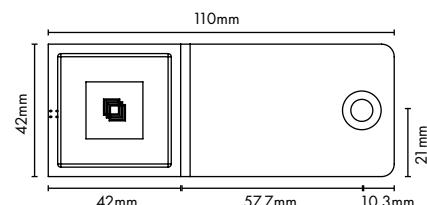
**Brushed satin anodise, matt black or matt white finish**

Order Code: SER35-WBEXT-SA

SER35-WBEXT-B

SER35-WBEXT-MW

- Offset wall bracket made from SS316
- Railing fits internal of offset wall bracket. Depth of wall bracket cavity is 20mm
- Matt black and matt white powder coat feature epoxy primer base coat layer
- 1 x 7mm diameter CSK fixing hole (with 12.3mm outer diameter)
- Includes 1 x grub screw to aid securing to rail



\*6mm thick fixing plate

## Flat wall plate

105MM W x 35MM H x 5MM T

**Mill, brushed satin anodise, matt black or matt white finish**

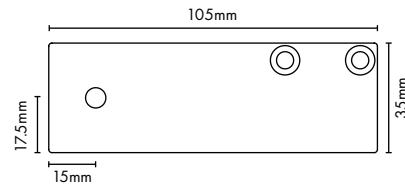
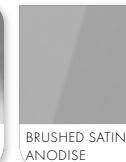
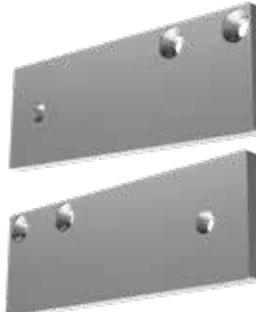
Order Code: SER35-WPLATE-M-2PK

SER35-WPLATE-SA-2PK

SER35-WPLATE-B-2PK

SER35-WPLATE-MW-2PK

- Flat wall plate screw fixes to railing via 2 x countersunk holes in wall bracket
- Made from alloy 6061-T6
- 2 pcs per pack (1 x left and 1 x right handed)
- Includes 4 x CSK fixing screws for securing end plate to rail
- 1 x 6.5mm diameter fixing hole



# Australis Semi-frameless glass balustrade



**Posts extruded in Alloy Grade 6106 T6**  
Alloy 6106 has excellent corrosion resistance and is renowned for its superior rigidity.  
1 way & 2 way profiles feature 3.7mm thick walls for superior strength

**Aluminium extrusions produced in accordance with AS/NZS 1866:1977**  
Extrusions produced to the chemical composition, mechanical property and dimensional tolerances in AS/NZS 1866:1997.

**The glazing pockets are deep, allowing for flexibility of installation**  
For example, the 1 way post glazing pocket is 28mm deep.

**Captive wedge glazing system incorporated**  
Allows for increased speed of installation by requiring only the inner glass face to be manually glazed.

**Screw flutes in glazing posts**  
Screw flutes strategically incorporated into the glazing post enables a screw fix handrail application.

**Standards Compliance for Pool Fencing and Balustrade**  
We have undertaken engineering review to ensure compliance to load considerations are satisfied.

**Genuine Interpon Powder used**  
Genuine Interpon powder is used with Interpon manufacturer warranties provided.

**Interpon gold accredited Australian powder coat line**



**Powder coat colours**

	<b>Satin Black</b> GN150A
	<b>Monument Matt</b> GL229A
	<b>Pearl White Gloss</b> GA078A

\* Mill finish also available



## EXTRUSION RANGE

DELUXE ONE WAY



DELUXE TWO WAY



90 DEGREE



135 DEGREE



HALF POST



SATIN BLACK

GN150A (B)

MONUMENT MATT

GL229A (W)

MILL

(M)  
Ready to powder coat

PEARL WHITE GLOSS

GA078A (W)

2 EDGE SUPPORT  
TOP GLAZEOFFSET  
HANDRAIL3 EDGE SUPPORT  
TOP GLAZE

# 11.52MM THICK LAMINATED CLEAR TOUGHENED + HEAT SOAKED 1000MM HIGH GLASS INFILL PANELS

Order Code	Width	Height	Thickness	SQM	Weight
<b>1000DG-0300</b>	300mm	1000mm	11.52mm	0.30	8kg
<b>1000DG-0350</b>	350mm	1000mm	11.52mm	0.35	9kg
<b>1000DG-0400</b>	400mm	1000mm	11.52mm	0.40	10kg
<b>1000DG-0450</b>	450mm	1000mm	11.52mm	0.45	11kg
<b>1000DG-0500</b>	500mm	1000mm	11.52mm	0.50	13kg
<b>1000DG-0550</b>	550mm	1000mm	11.52mm	0.55	14kg
<b>1000DG-0600</b>	600mm	1000mm	11.52mm	0.60	15kg
<b>1000DG-0650</b>	650mm	1000mm	11.52mm	0.65	16kg
<b>1000DG-0700</b>	700mm	1000mm	11.52mm	0.70	18kg
<b>1000DG-0750</b>	750mm	1000mm	11.52mm	0.75	19kg
<b>1000DG-0800</b>	800mm	1000mm	11.52mm	0.80	20kg
<b>1000DG-0850</b>	850mm	1000mm	11.52mm	0.85	21kg
<b>1000DG-0900</b>	900mm	1000mm	11.52mm	0.90	23kg
<b>1000DG-0950</b>	950mm	1000mm	11.52mm	0.95	24kg
<b>1000DG-1000</b>	1000mm	1000mm	11.52mm	1.00	25kg
<b>1000DG-1050</b>	1050mm	1000mm	11.52mm	1.05	27kg
<b>1000DG-1100</b>	1100mm	1000mm	11.52mm	1.10	28kg
<b>1000DG-1150</b>	1150mm	1000mm	11.52mm	1.15	29kg
<b>1000DG-1200</b>	1200mm	1000mm	11.52mm	1.20	30kg
<b>1000DG-1250</b>	1250mm	1000mm	11.52mm	1.25	32kg
<b>1000DG-1300</b>	1300mm	1000mm	11.52mm	1.30	33kg
<b>1000DG-1350</b>	1350mm	1000mm	11.52mm	1.35	34kg
<b>1000DG-1400</b>	1400mm	1000mm	11.52mm	1.40	35kg
<b>1000DG-1450</b>	1450mm	1000mm	11.52mm	1.45	37kg
<b>1000DG-1500</b>	1500mm	1000mm	11.52mm	1.50	38kg

## IMPORTANT

If glass is selected for use in a balustrade barrier, careful attention is required prior to installation having regard to the NCC (National Construction Code) and relevant Australian Standards.

It is important that the selection of balustrade barrier glass is appropriate for the installation site by way of engineer review.

# 10MM THICK CLEAR TOUGHENED + HEAT SOAKED 850MM HIGH GLASS INFILL PANELS

Order Code	Width	Height	Thickness	SQM	Weight
<b>850BGH-0480</b>	480mm	850mm	10mm	0.41	10kg
<b>850BGH-0530</b>	530mm	850mm	10mm	0.45	11kg
<b>850BGH-0580</b>	580mm	850mm	10mm	0.49	12kg
<b>850BGH-0630</b>	630mm	850mm	10mm	0.53	13kg
<b>850BGH-0680</b>	680mm	850mm	10mm	0.58	14kg
<b>850BGH-0730</b>	730mm	850mm	10mm	0.62	16kg
<b>850BGH-0780</b>	780mm	850mm	10mm	0.66	17kg
<b>850BGH-0830</b>	830mm	850mm	10mm	0.70	18kg
<b>850BGH-0880</b>	880mm	850mm	10mm	0.75	19kg
<b>850BGH-0930</b>	930mm	850mm	10mm	0.79	20kg
<b>850BGH-0980</b>	980mm	850mm	10mm	0.83	21kg
<b>850BGH-1030</b>	1030mm	850mm	10mm	0.87	22kg
<b>850BGH-1080</b>	1080mm	850mm	10mm	0.92	23kg
<b>850BGH-1130</b>	1130mm	850mm	10mm	0.96	24kg
<b>850BGH-1180</b>	1180mm	850mm	10mm	1.00	25kg
<b>850BGH-1230</b>	1230mm	850mm	10mm	1.04	26kg
<b>850BGH-1280</b>	1280mm	850mm	10mm	1.08	27kg
<b>850BGH-1330</b>	1330mm	850mm	10mm	1.13	28kg
<b>850BGH-1380</b>	1380mm	850mm	10mm	1.17	29kg
<b>850BGH-1430</b>	1430mm	850mm	10mm	1.21	30kg

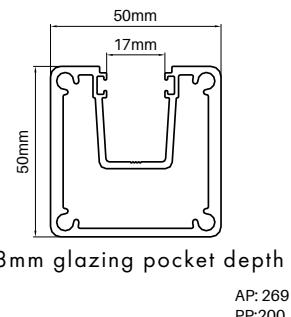
**12mm also available  
See page 7**

## IMPORTANT

If glass is selected for use in a balustrade barrier, careful attention is required prior to installation having regard to the NCC (National Construction Code) and relevant Australian Standards.

It is important that the selection of balustrade barrier glass is appropriate for the installation site by way of engineer review.

## AUSTRALIS EXTRUSIONS – CORE DRILL POSTS

**One way deluxe post**

Order Code: A50-1400D-1W

A50-5800D-1W

- One way extrusion profile in Alloy 6106 T6
- Features 2 x sides with 3.7mm wall thickness for maximum strength
- Suitable for 10 or 12mm thick glass with applicable glazing rubbers
- Available lengths - 1400mm or 5800mm.
- 1400mm long includes top cap. For 5800mm long, top cap sold separately
- Features 4 x screw flutes in extrusion - ideal for press in top caps.
- $l_{xx} = 181.85 \times 10E3 \text{ mmE4}$ ;  $l_{yy} = 234.16 \times 10E3 \text{ mmE4}$

\*\* Monument only available in 5800mm long. Cut posts as required from long length.

**Finishes**

BLACK



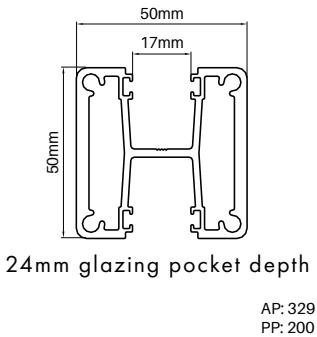
MONUMENT



MILL



WHITE

**Two way deluxe post**

Order Code: A50-1400D-2W

A50-5800D-2W

- Two way extrusion profile in Alloy 6106 T6
- Features 2 x sides with 3.7mm wall thickness for maximum strength
- Suitable for 10 or 12mm thick glass with applicable glazing rubbers
- Available lengths - 1400mm or 5800mm.
- 1400mm long includes top cap. For 5800mm long, top cap sold separately
- Features 4 x screw flutes in extrusion - ideal for press in top caps.
- $l_{xx} = 172.95 \times 10E3 \text{ mmE4}$ ;  $l_{yy} = 243.88 \times 10E3 \text{ mmE4}$

\*\* Monument only available in 5800mm long. Cut posts as required from long length.

**Finishes**

BLACK



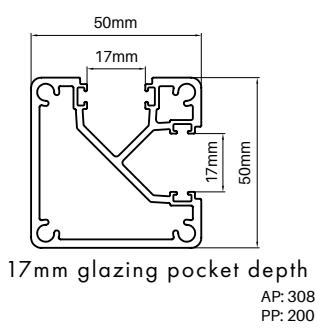
MONUMENT



MILL



WHITE

**90° corner post**

Order Code: A50-1400-90

A50-5800-90

- 90 degree extrusion profile in Alloy 6106 T6 with 2.5mm wall thickness
- Suitable for 10 or 12mm thick glass with applicable glazing rubbers
- Available lengths - 1400mm or 5800mm.
- 1400mm long includes top cap. For 5800mm long, top cap sold separately
- Features 4 x screw flutes in extrusion - ideal for press in top caps.
- $l_{xx} = 186.75 \times 10E3 \text{ mmE4}$ ;  $l_{yy} = 183.75 \times 10E3 \text{ mmE4}$

\*\* Monument only available in 5800mm long. Cut posts as required from long length.

**Finishes**

BLACK



MONUMENT

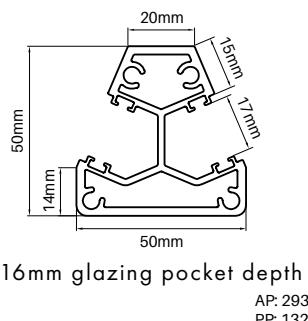


MILL



WHITE

# AUSTRALIS EXTRUSIONS – CORE DRILL POSTS



## 135° corner post

Order Code: A50-5800-135

- 135 degree extrusion profile in Alloy 6005A T6 with 2.5mm wall thickness
- Suitable for 10 or 12mm thick glass with applicable glazing rubbers
- Only available 5800mm long. Cut to required post length.
- Top cap sold separately

### Finishes



## Half post

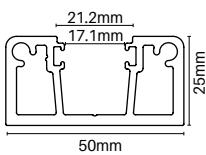
Order Code:

A50-1400D-HALF (1400mm long)

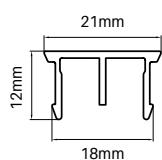
A50-5800D-HALF (5800mm long)

- Alloy 6106 T6 – 3mm wall thickness
- Suitable for 10mm or 12mm thick glass
- 1400mm or 5800mm long
- Top cap sold separately for 5800mm long post and 1400mm long post

### Finishes



22mm glazing pocket depth



## Post infill

Order Code:

A50-1400-INF (1400mm long)

A50-2800-INF (2800mm long)

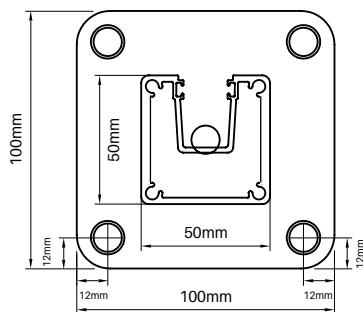
- Alloy 6063 – Temper: T6
- Infill suits all Australis glazing posts
- Snap-in infill to set start point of glass height
- Infill suits handrail undercapping in 2-edge support installations
- 1400mm or 2800mm long
- \* Monument colour only available 1400mm long

### Finishes



# BASE PLATED POSTS

## WELDED BASE PLATE



28mm glazing pocket depth

### One way deluxe base plated post

Order Code: A50-1050D-1WBP

- One way extrusion profile in Alloy 6106 T6 with welded base plate
- 1050mm high with top cap included
- Features 2 x sides with 3.7mm wall thickness for maximum strength
- Suitable for 10 or 12mm thick glass with applicable glazing rubbers

#### Finishes



BLACK



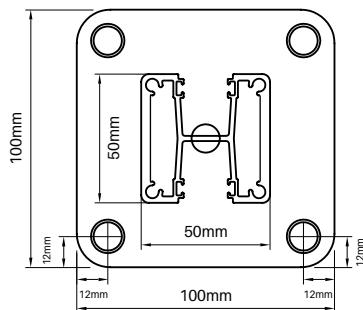
MONUMENT



MILL



WHITE



24mm glazing pocket depth

### Two way deluxe base plated post

Order Code: A50-1050D-2WBP

- Two way extrusion profile in Alloy 6106 T6 with welded base plate
- 1050mm high with top cap included
- Features 2 x sides with 3.7mm wall thickness for maximum strength
- Suitable for 10 or 12mm thick glass with applicable glazing rubbers

#### Finishes



BLACK



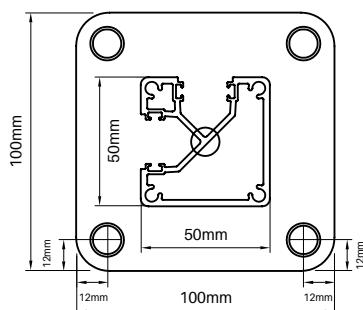
MONUMENT



MILL



WHITE



17mm glazing pocket depth

### 90° corner base plated post

Order Code: A50-1050-90BP

- Two way extrusion profile in Alloy 6106 T6 with welded base plate
- 1050mm high with top cap included
- Suitable for 10 or 12mm thick glass with applicable glazing rubbers

#### Finishes



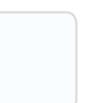
BLACK



MONUMENT



MILL



WHITE

# AUSTRALIS 5800MM HANDRAILS

## 5800mm rectangular handrail

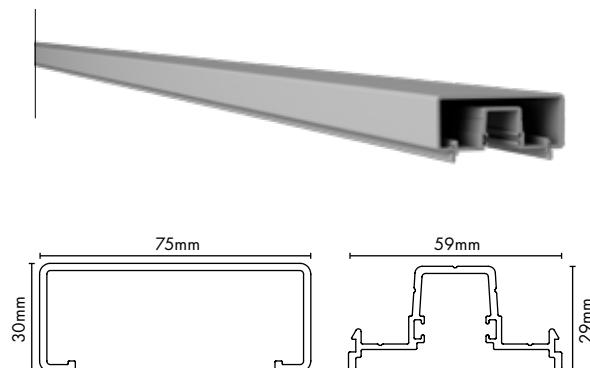
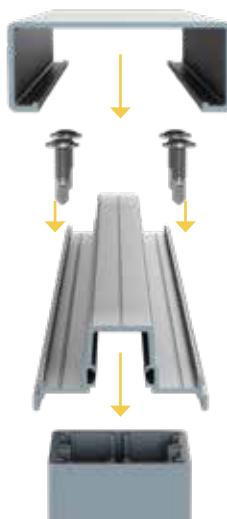
### WITH CHANNEL INSERT

**Satin Black, Monument Matt,**

**Pearl White Gloss or Mill finish**

Order Code: A50-5800-RHR-B (Black)  
A50-5800-RHR-MN (Monument)  
A50-5800-RHR-M (Mill)  
A50-5800-RHR-W (White)

- 5800mm long 75x30mm rectangular profile
- Made from Alloy 6063 T6
- 2 part railing: (1) undercapping rail is screwed to top of post & (2) rectangular handrail is then snapped onto undercapping rail
- Easy to install



### Finishes



BLACK



MONUMENT



MILL



WHITE

## Oval handrail

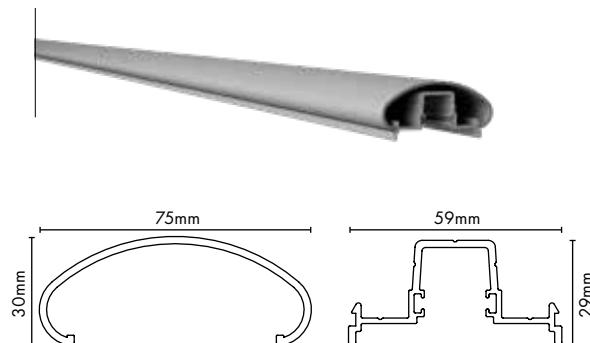
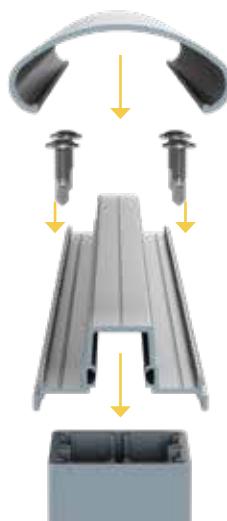
### WITH CHANNEL INSERT

**Satin Black, Monument Matt,**

**Pearl White Gloss or Mill finish**

Order Code: A50-5800-OHR-B (Black)  
A50-5800-OHR-MN (Monument)  
A50-5800-OHR-M (Mill)  
A50-5800-OHR-W (White)

- 5800mm long 75x30mm oval profile
- Made from Alloy 6063 T6
- 2 part railing: (1) undercapping rail is screwed to top of post & (2) oval handrail is then snapped onto undercapping rail
- Easy to install



### Finishes



BLACK



MONUMENT



MILL



WHITE

## 12g x 25mm panhead screw

### with square drive head

SS304HC

PACK OF 50

Mill

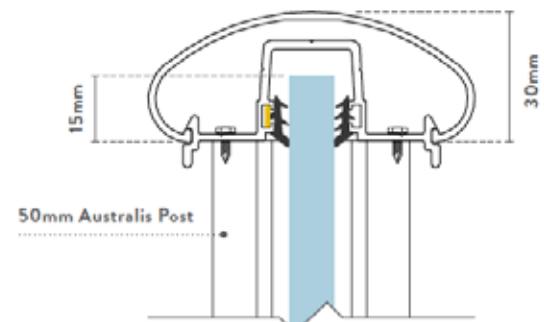
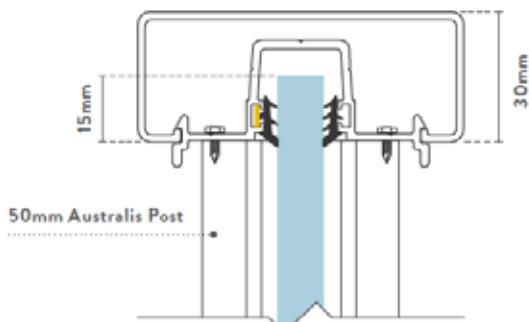
Order Code: AR-SCR-BR-50PK

- SS304 panhead screw 12gx25mm with square drive head



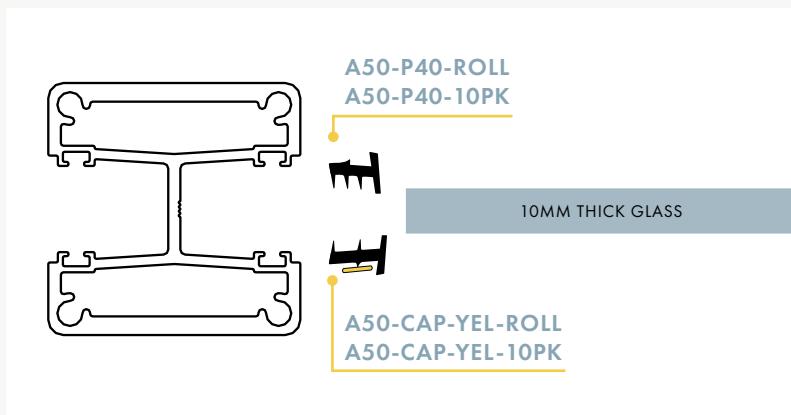
MILL

## GLASS & POST HEIGHT



# AUSTRALIS ACCESSORIES

## 10MM GLASS PANELS P40 & YELLOW CAPTIVE



### P40 glazing rubber

Order Codes: A50-P40-ROLL (100m roll)  
A50-P40-10PK (10 pack – 1300m lengths)

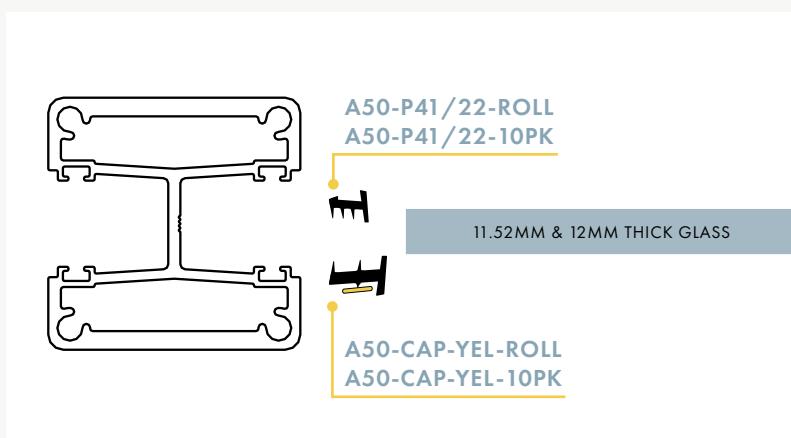
- Rubber glazed into 1 side of post extrusion pocket and/or glazing rail (opposite side to captive wedge rubber)
- Suits 10mm glass with Australis series

### Yellow captive glazing rubber

Order Codes: A50-CAP-YEL-ROLL (100m roll)  
A50-CAP-YEL-10PK (10 pack – 1300m lengths)

- Captive wedge rubber inserted into 1 side of post extrusion pocket and/or glazing rail
- Suits 10mm or 12mm glass with Australis series

## 12MM GLASS PANELS P41/22 & YELLOW CAPTIVE



### P41/22 glazing rubber

Order Code: A50-P41/22-ROLL (100m roll)  
A50-P41/22-10PK (10 pack – 1300m lengths)

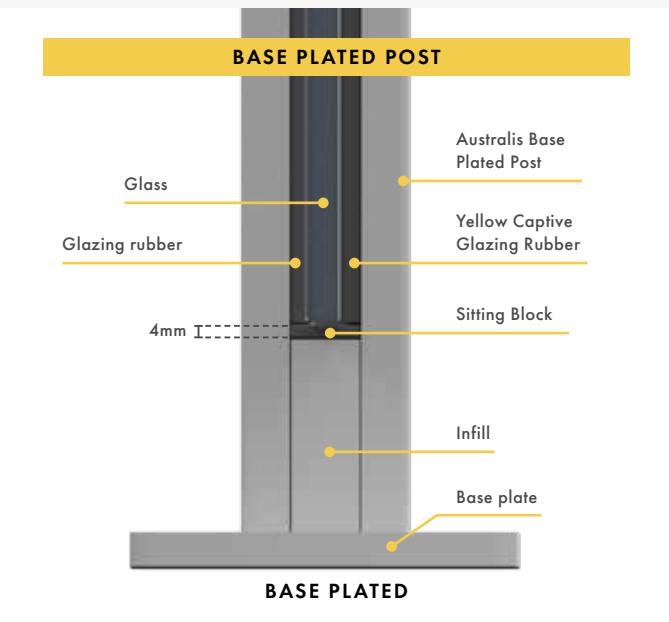
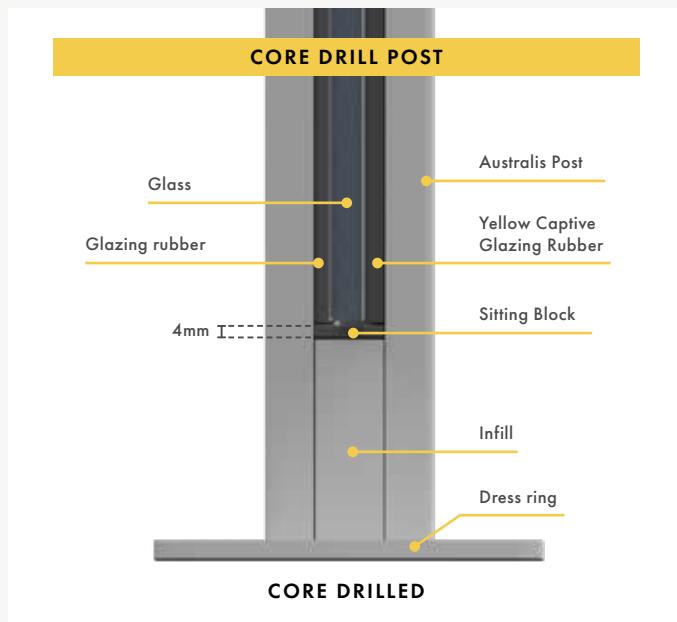
- Rubber glazed into 1 side of post extrusion pocket and/or glazing rail (opposite side to captive wedge rubber)
- Suits 12mm glass with Australis series

### Yellow captive glazing rubber

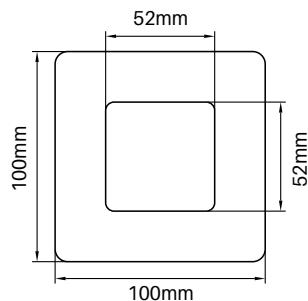
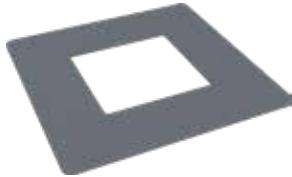
Order Codes: A50-CAP-YEL-ROLL (100m roll)  
A50-CAP-YEL-10PK (10 pack – 1300m lengths)

- Captive wedge rubber inserted into 1 side of post extrusion pocket and/or glazing rail
- Suits 10mm or 12mm glass with Australis series

## INFILL & SITTING BLOCK PLACEMENT



# AUSTRALIS ACCESSORIES

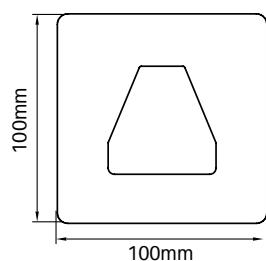
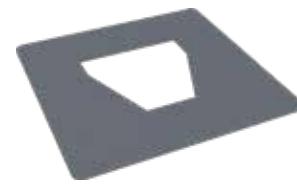


## Aluminium dress ring

Order Code: XP-DR

- Suits 1 way, 2 way, 90° and full core drill posts

### Finishes

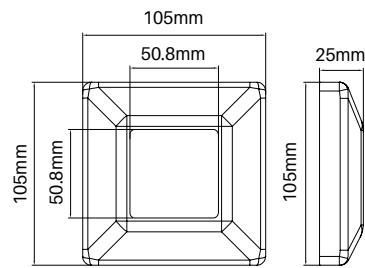
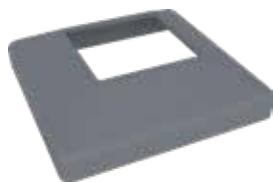


## Aluminium 135° dress ring

Order Code: A50-135DR

- Suits 135° core drill posts

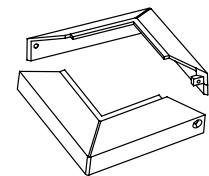
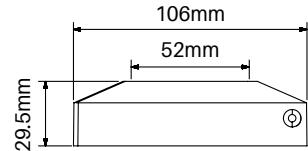
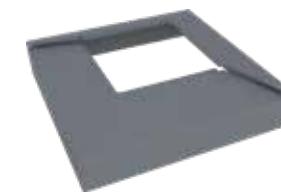
### Finishes



## Domical cover

Order Code: A50-DC

- Alloy ADC12
- Suits all base plated posts

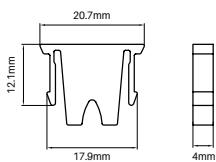


## Two part domical cover

Order Code: XP-DC-2P

- Alloy ADC12 – Suits all base plated posts
- Can be fitted to posts after glass is installed – Discreet screws fixes two parts together around post and base plate

### Finishes



## Sitting blocks – Pack of 20

Order Code: A50-SB-20PK

- Separates bottom edge of glass from aluminium infill
- 4mm thick – pack of 20
- Simply push into glazing pocket



## Square head driver bit

Order Code: DB-SQ3.4

- Driver bit to suit 3.4mm square screw head hole
- Suits a variety of screws used in AIRE™ System (eg codes: AR-SCR-BR-50PK)



## Vinyl wedge roller

- Ideal for rolling wedge rubber

Order Code: VROLLER

## AUSTRALIS ACCESSORIES

**Rectangular end cap****ALUMINIUM**

Suits 75x30mm rectangular handrail

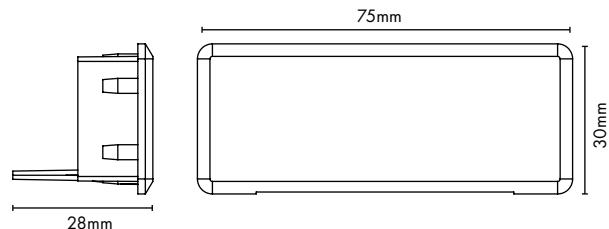
**Satin Black, Monument Matt,  
Pearl White Gloss or Mill finish**

Order Code: A50-ECA-R-B (Black)

A50-ECA-R-MN (Monument)

A50-ECA-R-M (Mill)

A50-ECA-R-W (White)

**Finishes**

BLACK



MONUMENT



MILL



WHITE

- End cap made from aluminium die cast
- Suits 75x30mm rectangular handrail
- Features protruding fins at bottom so end cap may be mechanically fixed to undercapping rail

**Offset bracket****ALUMINIUM**

2 PACK (1 LEFT &amp; 1 RIGHT BRACKET)

Suits 75x30mm rectangular handrail

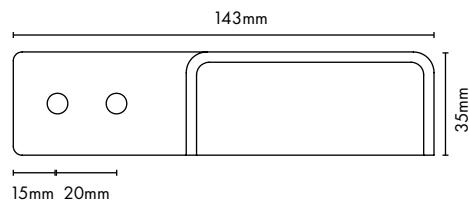
**Satin Black, Monument Matt,  
Pearl White Gloss or Mill finish**

Order Code: A50-BRACKET-R-B-2PK (Black)

A50-BRACKET-R-MN-2PK (Monument)

A50-BRACKET-R-M-2PK (Mill)

A50-BRACKET-R-W-2PK (White)

**Finishes**

BLACK



MONUMENT



MILL



WHITE

- Offset bracket made from aluminium die cast
- Suits 75x30mm rectangular handrail
- Caps over top of handrail and features offset leg for fixing to wall/post
- Mechanically fix bracket to handrail by screwing through side of bracket into handrail
- 2 x 7mm diameter holes for fixing to post/wall
- Sold as a 2 pack - 1 x left and 1 x right bracket

**Wall Plate****ALUMINIUM**

Suits oval &amp; rectangular handrail

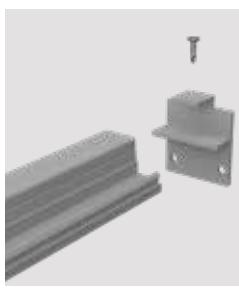
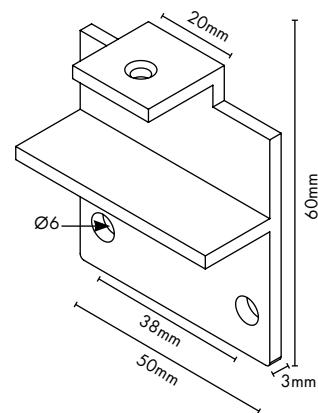
**Satin Black, Monument, Pearl White or Mill finish**

Order Code: A50-WP-B (Black)

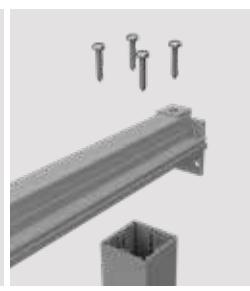
A50-WP-MN (Monument)

A50-WP-M (Mill)

A50-WP-W (White)



STEP 1



STEP 2



STEP 3



STEP 4

**Finishes**

BLACK



MONUMENT



MILL



WHITE

# A U S T R A L I S A C C E S S O R I E S

## Oval end cap

### ALUMINIUM

Suits oval handrail

**Satin Black, Monument Matt,**

**Pearl White Gloss or Mill finish**

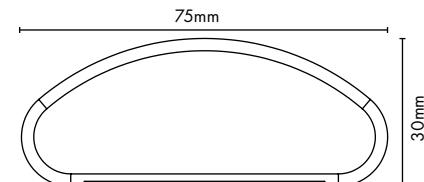
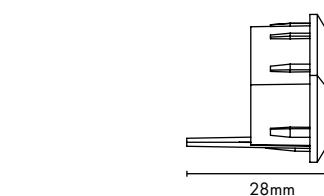
Order Code: A50-ECA-O-B (Black)

A50-ECA-O-MN (Monument)

A50-ECA-O-M (Mill)

A50-ECA-O-W (White)

- End cap made from aluminium die cast
- Suits 75x30mm oval handrail
- Features protruding fins at bottom so end cap may be mechanically fixed to undercapping rail



### Finishes



BLACK



MONUMENT



MILL



WHITE

## Offset bracket

### ALUMINIUM

2 PACK (1 LEFT & 1 RIGHT BRACKET)

Suits oval handrail

**Satin Black, Monument Matt,**

**Pearl White Gloss or Mill finish**

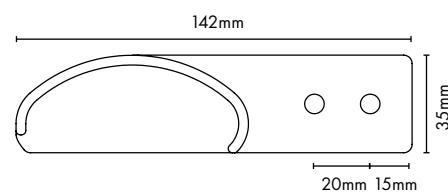
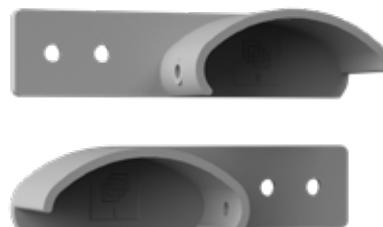
Order Code: A50-BRACKET-O-B-2PK (Black)

A50-BRACKET-O-MN-2PK (Monument)

A50-BRACKET-O-M-2PK (Mill)

A50-BRACKET-O-W-2PK (White)

- Offset bracket made from aluminium die cast
- Suits 75x30mm oval handrail
- Caps over top of handrail and features offset leg for fixing to wall/post
- Mechanically fix bracket to handrail by screwing through side of bracket into handrail
- 2 x 7mm diameter fixing holes to post/wall
- Sold as a 2 pack - 1 x left and 1 x right bracket



### Finishes



BLACK



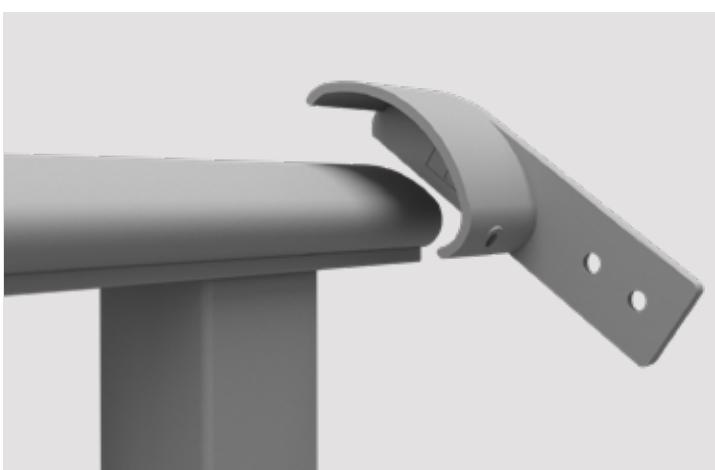
MONUMENT



MILL

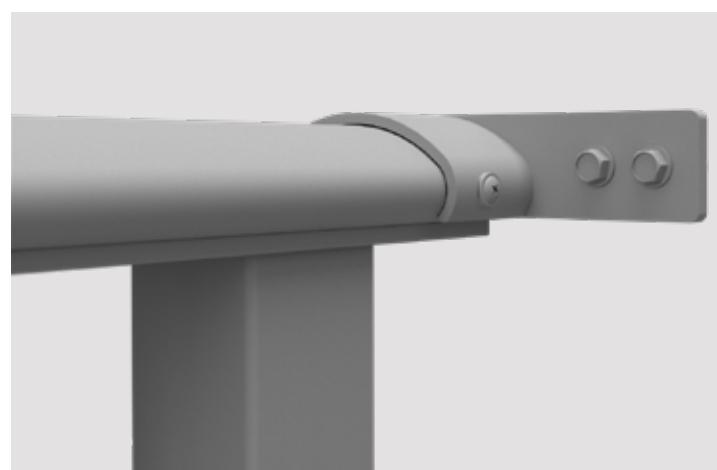


WHITE



### STEP 1

Offset bracket caps over installed handrail.



### STEP 2

Screw fix offset bracket to (1) handrail and (2) post/wall.

# AUSTRALIS OFFSET HANDRAIL

## Offset Handrail

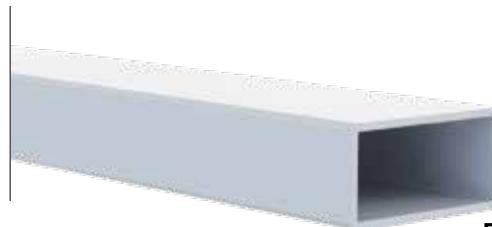
50 x 25 x 3 mm

**Satin Black, Monument Matt,  
Pearl White Gloss or Mill finish**

Order Code: A50-OFF-5800D-B (Black)

A50-OFF-5800D-MN (Monument)  
A50-OFF-5800D-M (Mill)  
A50-OFF-5800D-W (White)

- Alloy 6060-T5
- Rectangular section provides a slimline 25mm side profile



lxx = 214.10 x 10E3 mmE4  
lyy = 214.28 x 10E3 mmE4

### Finishes



BLACK



MONUMENT



MILL



WHITE

## Offset Handrail End Cap

50x25 mm

**Satin Black, Monument Matt,  
Pearl White Gloss or Mill finish**

Order Code: A50-OFF-ECAP-B (Black)

A50-OFF-ECAP-MN (Monument)  
A50-OFF-ECAP-M (Mill)  
A50-OFF-ECAP-W (White)

- Aluminium
- Suits 50 x 25 x 3mm offset handrail



### Finishes



BLACK



MONUMENT



MILL



WHITE

## Offset handrail inline joiner

48.3 MM X 18.8 MM X 2 MM

**Satin anodised finish**

Order Code: A50-OFF-J180-A

- Satin anodised aluminium
- 100mm long
- Internal fitting inline joiner to suit 50mm x 25mm x 3mm rail



## Offset handrail 90° joiner

48.3 MM X 18.8 MM X 2 MM

**Satin anodised finish**

Order Code: A50-OFF-J90-A

- Satin anodised aluminium
- 75mm x 75mm long
- Internal fitting 90 degree joiner to suit 50mm x 25mm x 3mm rail



# AUSTRALIS OFFSET HANDRAIL

## Offset handrail bracket

ALUMINIUM

Satin Black, Monument Matt,  
Pearl White Gloss or Mill finish

Order Code: A50-OFF-RC-B (Black)

A50-OFF-RC-MN (Monument)  
A50-OFF-RC-M (Mill)  
A50-OFF-RC-W (White)

- CNC extruded aluminium profile
- Affixes 50x25mm offset handrail to a 50x50mm post



### Finishes



BLACK



MONUMENT



MILL



WHITE

## 90° offset handrail bracket

ALUMINIUM

Satin Black, Monument Matt,  
Pearl White Gloss or Mill finish

Order Code: A50-OFF-RC90-B (Black)

A50-OFF-RC90-MN (Monument)  
A50-OFF-RC90-M (Mill)  
A50-OFF-RC90-W (White)

- CNC extruded aluminium profile
- Allows for a 90 degree corner support when affixing the 50x25mm offset handrail to a post



### Finishes



BLACK



MONUMENT



MILL



WHITE

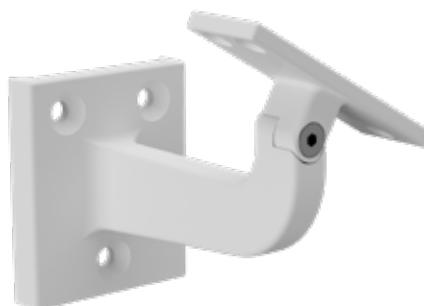
## Offset Handrail Swivel Bracket

Satin Black, Monument Matt,  
Pearl White Gloss or Mill finish

Order Code: A50-OFF-RC-SWIV-B (Black)

A50-OFF-RC-SWIV-MN (Monument)  
A50-OFF-RC-SWIV-M (Mill)  
A50-OFF-RC-SWIV-W (White)

- CNC extruded aluminium profiles
- Allows for 32°-38° handrail raking



### Finishes



BLACK



MONUMENT



MILL



WHITE

## 8g x 15mm panhead screw with square drive head

SS304HC

PACK OF 100

Order Code: AR-SCR-BAL-100PK (Mill)

- SS304 panhead screw 8gx15mm with square drive head
- Use for affixing brackets to posts



MILL

## Countersunk phillips head screw

SS304

8G X 25MM LONG

PACK OF 50

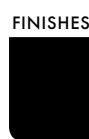
Black, White, Mill finish

Order Code: VIS-SCR-CSK-50PK-B (Black)

VIS-SCR-CSK-50PK-W (White)

VIS-SCR-CSK-50PK (Mill)

- Phillips head countersunk screw - SS304
- Use for affixing offset handrail to brackets

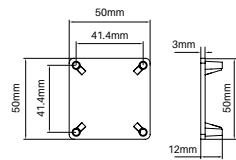


BLACK

WHITE

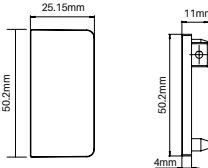
MILL

## AUSTRALIS OFFSET HANDRAIL

**Flat top plate**

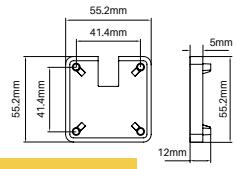
Order Code: XP-TP

- Aluminium flat top plate presses into post screw flutes for secure fixing with a flush fit
- Posts come with free top plate included (excluding 5800mm) – only purchase if extra top plates needed

**Finishes****Flat top plate – half post**

Order Code: A50-TP-HALFCAP

- Aluminium flat top plate presses into post screw flutes for secure fixing with a flush fit – suits half post

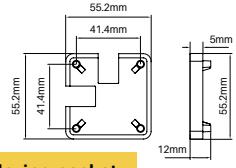
**Finishes**

19mm deep x 14mm wide glazing pocket

**Offset one way notched cap – extended lip**

Order Code: A50-OFF-1WC

- Aluminium cap presses into post screw flutes for secure fixing
- Allows glass to extend past top of post
- 5mm lip covers any rough post cut marks

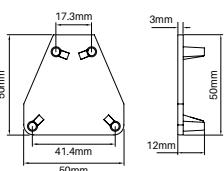
**Finishes**

14mm deep x 14mm wide glazing pocket

**Offset 90° notched cap – extended lip**

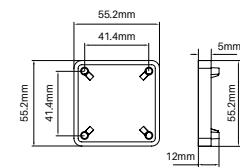
Order Code: A50-OFF-90C

- Aluminium cap presses into post screw flutes for secure fixing
- Allows glass to extend past top of post
- 5mm lip covers any rough post cut marks

**Finishes****Flat top plate – 135° post**

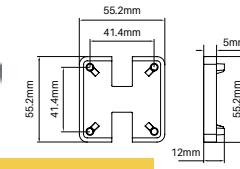
Order Code: A50-TP-135

- Aluminium flat top plate presses into post screw flutes for secure fixing with a flush fit – suits 135° post

**Finishes****Flat top plate with extended lip**

Order Code: A50-TP-L

- Aluminium flat top plate presses into post screw flutes for secure fixing
- 5mm extended lip to hide any cut marks on top edge of post

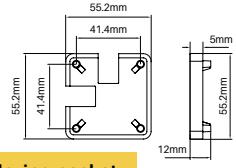
**Finishes**

19mm deep x 14mm wide glazing pocket

**Offset two way notched cap – extended lip**

Order Code: A50-OFF-2WC

- Aluminium cap presses into post screw flutes for secure fixing
- Allows glass to extend past top of post
- 5mm lip covers any rough post cut marks

**Finishes**

14mm deep x 14mm wide glazing pocket

# AUSTRALIS OFFSET ACCESSORIES

## 1 way top plate

ALUMINIUM

Satin Black, Monument Matt,

Pearl White Gloss or Mill finish

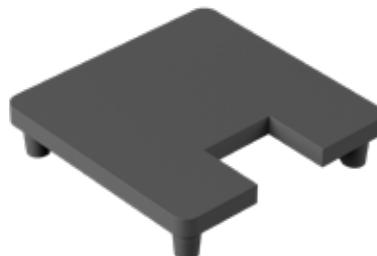
Order Code: A5050-TP1W-B (Black)

A5050-TP1W-MN (Monument)

A5050-TP1W-M (Mill)

A5050-TP1W-W (White)

- 1 way notched post top plate flat



### Finishes



BLACK



MONUMENT



MILL



WHITE

## 2 way top plate

ALUMINIUM

Satin Black, Monument Matt,

Pearl White Gloss or Mill finish

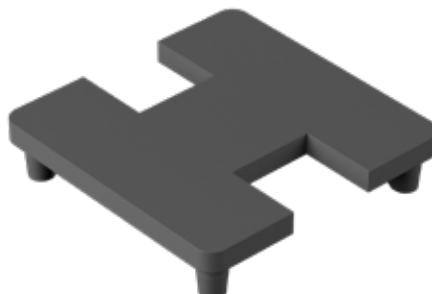
Order Code: A5050-TP2W-B (Black)

A5050-TP2W-MN (Monument)

A5050-TP2W-M (Mill)

A5050-TP2W-W (White)

- 2 way notched post top plate flat



### Finishes



BLACK



MONUMENT



MILL



WHITE

## 90 degree top plate

ALUMINIUM

Satin Black, Monument Matt,

Pearl White Gloss or Mill finish

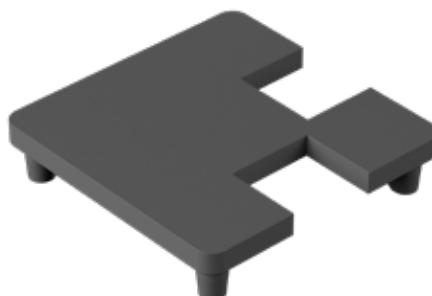
Order Code: A5050-TP90-B (Black)

A5050-TP90-MN (Monument)

A5050-TP90-M (Mill)

A5050-TP90-W (White)

- 90 degree notched post top plate flat



### Finishes



BLACK



MONUMENT



MILL



WHITE

## Offset handrail wall bracket

ALUMINIUM

Satin Black, Monument Matt,

Pearl White Gloss or Mill finish

Order Code: A50-OFF-WB-B (Black)

A50-OFF-WB-MN (Monument)

A50-OFF-WB-M (Mill)

A50-OFF-WB-W (White)

- Wall bracket suits 50x25mm offset handrail
- 50x25mm offset handrail slots within wall bracket



### Finishes



BLACK



MONUMENT



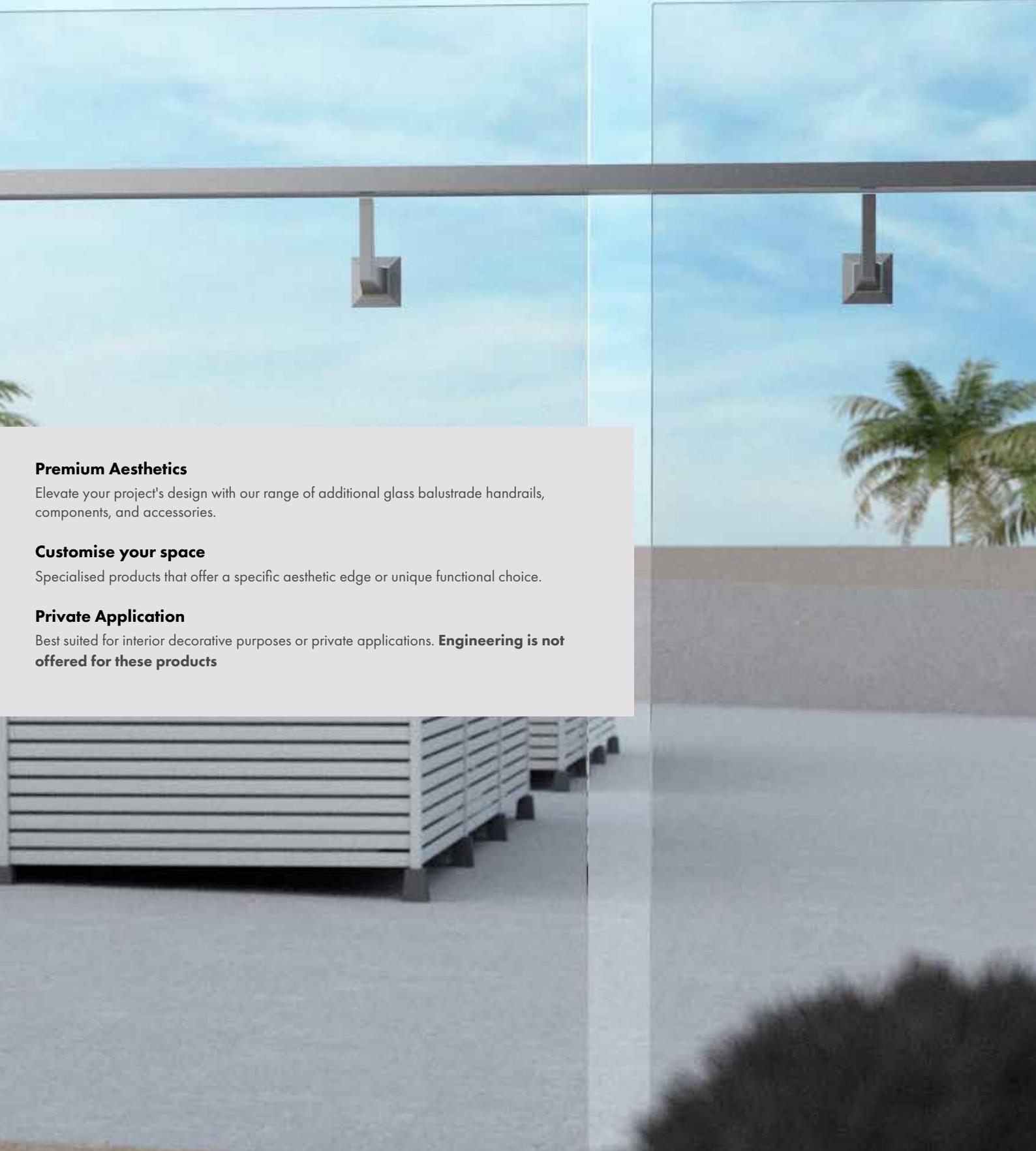
MILL



WHITE

---

# Additional glass balustrade handrails and components



## Premium Aesthetics

Elevate your project's design with our range of additional glass balustrade handrails, components, and accessories.

## Customise your space

Specialised products that offer a specific aesthetic edge or unique functional choice.

## Private Application

Best suited for interior decorative purposes or private applications. **Engineering is not offered for these products**

## EURO OFFSET Ø50.8mm

**SATIN  
FINISH**

**Ø50.8mm euro offset handrail**

5800MM LONG

**Satin finish****Order Code: EOS-5800C-50D-S (Satin finish)**

- Available in 5800mm lengths
- 1.5mm wall thickness
- Stainless steel 316L - low carbon stainless steel
- Premium smooth satin finish

**Inline joiner**

SS316

**Satin finish**Order Code: **EOS-50.8D-J-S**

- Inline joiner; easy to use tap-in fitting
- Suits 1.5mm wall thickness
- Epoxy, weld or rivet for joining to tube

**90° joiner**

SS316

**Satin finish**Order Code: **EOS-50.8D-J90-S**

- 90° joiner; easy to use tap-in fitting
- Suits 1.5mm wall thickness
- Epoxy, weld or rivet for joining to tube

**Swivel joiner**

SS316

**Satin finish**Order Code: **EOS-50.8D-JS-S**

- Adjustable swivel joiner; adjust from 90° to 180°
- Suits 1.5mm wall thickness
- Epoxy, weld or rivet for joining to tube

**Handrail end U shape**

SS316

**Satin finish**Order Code: **EOS-50.8D-HEU-S**

- Handrail 180° end curve; easy to use tap-in fitting
- Suits 1.5mm wall thickness
- Epoxy, weld or rivet for joining to tube

**Flat end cap**

SS316

**Satin finish**Order Code: **EOS-50.8D-FEC-S**

- Flat end cap; easy to use tap-in fitting
- Suits 1.5mm wall thickness
- Epoxy, weld or rivet for joining to tube

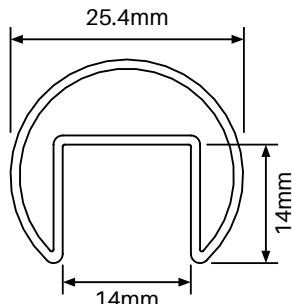
**Extended wall plate**

SS316

**Satin finish**Order Code: **FB-50.8D-WP25-S**

- Wall plate can be affixed to wall or post
- Ø50.8mm tube fits into 25mm deep opening

# NANOROUND®



**SUITS  
12 mm  
GLASS!**

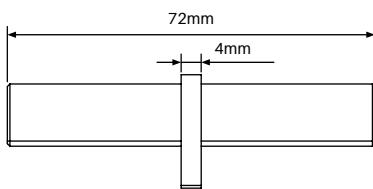
## Ø25.4mm CHS Nanoround handrail

5800MM / SS316L

**Polish or satin finish**

Order Code: STG-C5800-25.4D-P/S (Polish/Satin)

- Slimline stylish profile - caps over 12mm thick glass
- 1.2mm wall thickness
- 14x14mm glazing pocket - silicone onto glass or use in conjunction with glazing rubber
- Low carbon SS316L



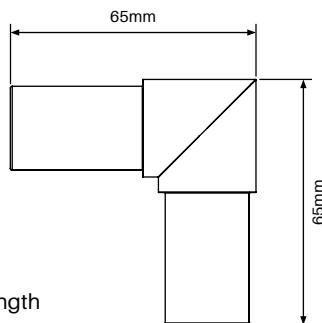
## Nanoround inline joiner

SS316

**Polish or satin finish**

Order Code: STG-25.4D-J-P/S (Polish/Satin)

- Easy to use tap in fitting - allows for quick install
- Epoxy glue, weld or drill/tap tube for joining strength



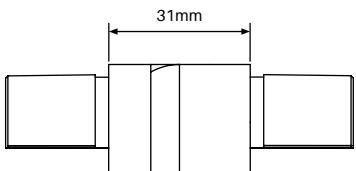
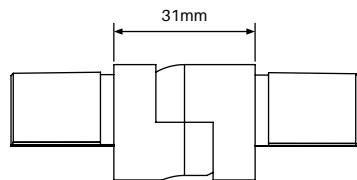
## Nanoround 90° joiner

SS316

**Polish or satin finish**

Order Code: STG-25.4D-90J-P/S (Polish/Satin)

- Easy to use tap in fitting - allows for quick install
- Epoxy glue, weld or drill/tap tube for joining strength



## Nanoround horizontal adj. joiner

SS316

**Polish or satin finish**

Order Code: STG-25.4D-HJA-P/S (Polish/Satin)

- Variable angle horizontal joiner
- Achieve up to 45 degrees left or right angle joining
- Epoxy glue, weld or drill/tap tube for joining strength

## Nanoround vertical adj. joiner

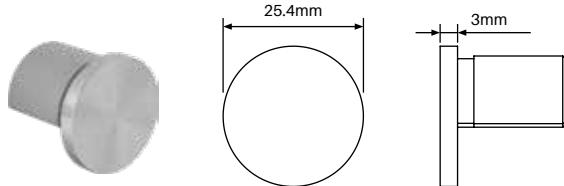
SS316

**Polish or satin finish**

Order Code: STG-25.4D-VJA-P/S (Polish/Satin)

- Wall plate can be affixed to wall/post
- 25x21mm tube fits into opening (female fit)
- Epoxy glue, weld or drill/tap tube for joining strength

# NANOROUND®



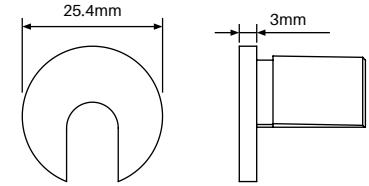
## Nanoround end cap

SS316

**Polish or satin finish**

Order Code: STG-25.4D-EC-P/S (Polish/Satin)

- Easy tap in end cap
- Epoxy glue, weld or drill/tap tube for joining strength



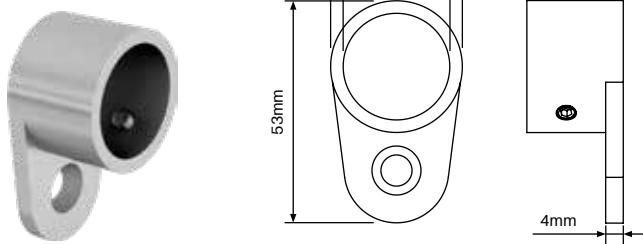
## Nanoround slotted end cap

SS316

**Polish or satin finish**

Order Code: STG-25.4D-SC-P/S (Polish/Satin)

- Includes screw with bolt head
- Rail with slotted end cap simply drops over exposed screw head providing hidden fixing



## Nanoround wall plate

SS316

**Polish or satin finish**

Order Code: STG-25.4D-WP-P/S (Polish/Satin)

- Wall plate can be affixed to wall/post
- 25x21mm tube fits into opening (female fit)
- Epoxy glue, weld or drill/tap tube for joining strength



## Rigid PVC glazing rubber

2900mm L

**Black nylon**

Order Code: STG-NANO-GR

- Suits 12mm thick glass with nanorail
- Glazing rubber fits over glass with rail then pressed on
- Available 2900mm long: 2 x lengths required per 5800mm long handrail
- Suits 25mm x 21mm & Ø25.4mm Nanorail handrails

# OFFSET BRACKETS



INTRODUCING THE ICON BRACKET [SS316] –  
Architecturally inspired hardware with innovative  
features. Ideal for wall fixing, straight runs or staircases.



1  
10mm finishing end cap. Simply screws onto threaded head of fixing screw

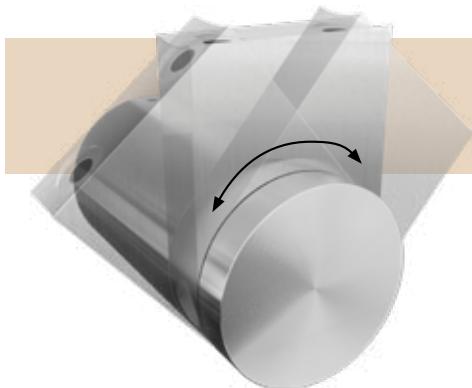
2  
Vertical rail connector - can swivel to any angle. Suits 50.8mm round rail and includes an insert for flat rails

3  
Rail fixings installed from underside flutes allowing all fixings to be hidden

4  
Specially machined hex drive M12 screw secures vertical rail connector to body

5  
Ø50mm x 65mm long body

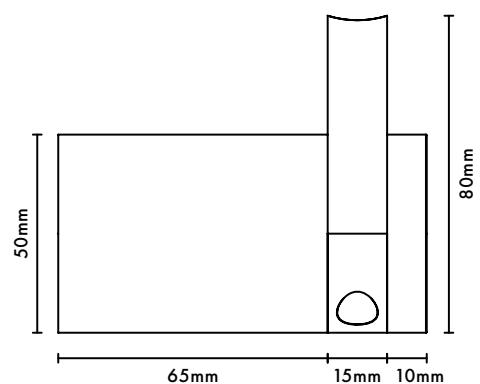
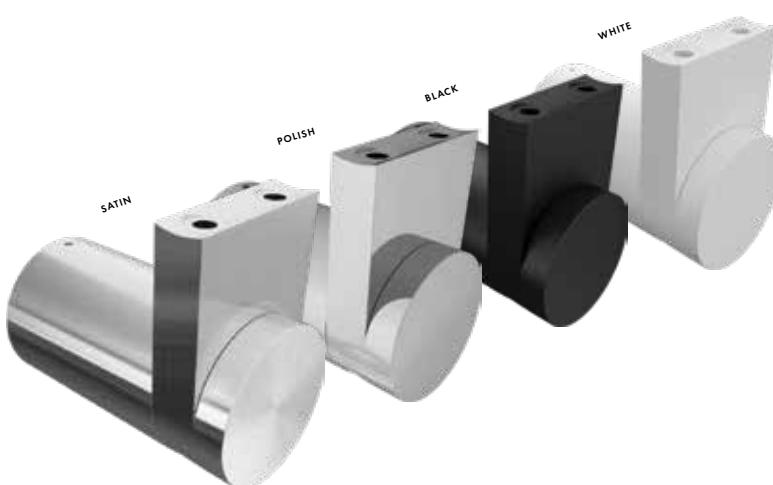
6  
80mm long SS304 hex drive lag screw. 30mm M12 thread with 50mm lag screw



The ICON bracket can swivel to any angle - perfect for  
stairway installations.



# OFFSET BRACKETS



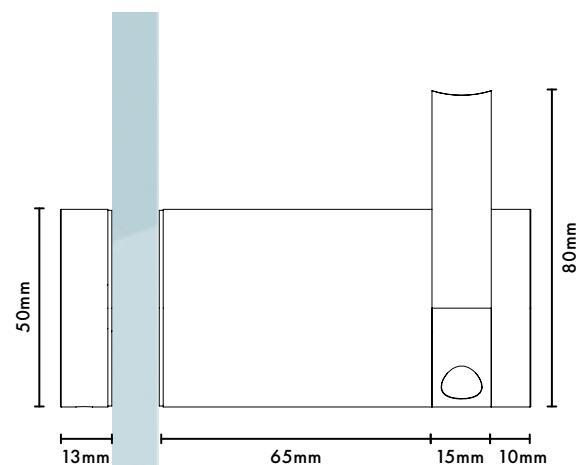
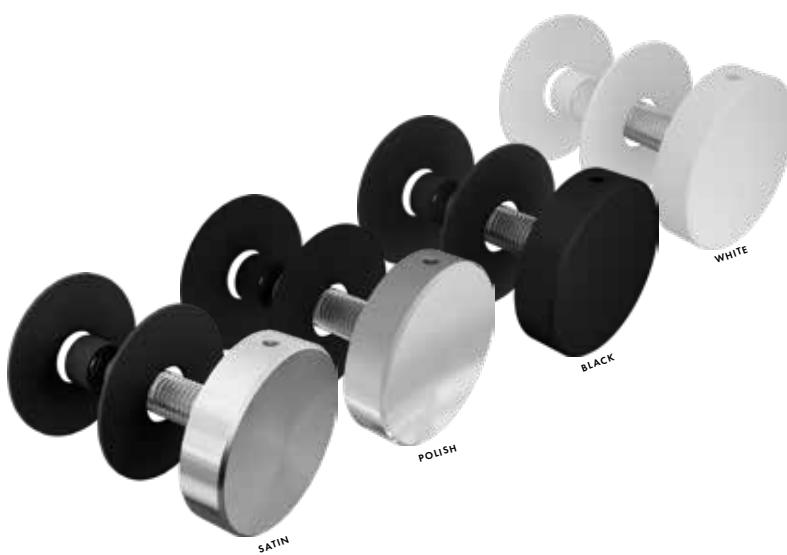
## Icon Bracket

SS316 (White finish in aluminium)

**Polish, satin, matt black, pearl white finish**

Order Code: ICON-B-P/S/B/W  
(Polish/Satin/Black/White)

- Suitable for affixing to round or square handrails, simply interchange the included saddles
- Easy to install - Use with our 12mm thick modular pre-drilled glass
- Ø38mm or Ø50mm caps are available
- Kit includes: Flat saddle, Ø38mm and Ø50mm curved saddles, handrail standoff body, nylon washers & SS316 threaded rod



## Icon Glass Adaptor kit

SS316 (White finish in aluminium)

**Polish, satin, matt black, pearl white finish**

Order Code: ICON-GA-P/S/B/W  
(Polish/Satin/Black/White)

- Use as a stylish rail connector with glass panels
- Includes 1x50mm cap, 1x M12x55mm threaded rod, 2x plastic washers and 1x plastic bush
- Ø38mm or Ø50mm caps are available
- Ø16mm hole required in glass



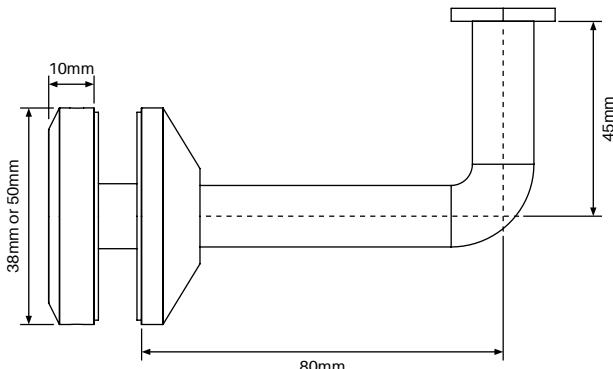
## Nutsert & screw kit - 10 pack

SS316

Order Code: ICON-SCREW-10PK

- Includes 10x blind rivet nut right hand M6 & 10x M6x25mm screws
- Used for affixing metal handrail to Icon bracket

## OFFSET BRACKETS



### Euro offset SOHO round bracket

SS316

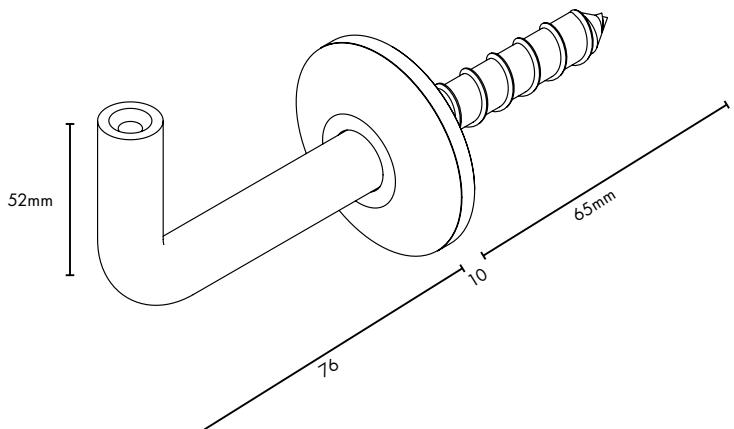
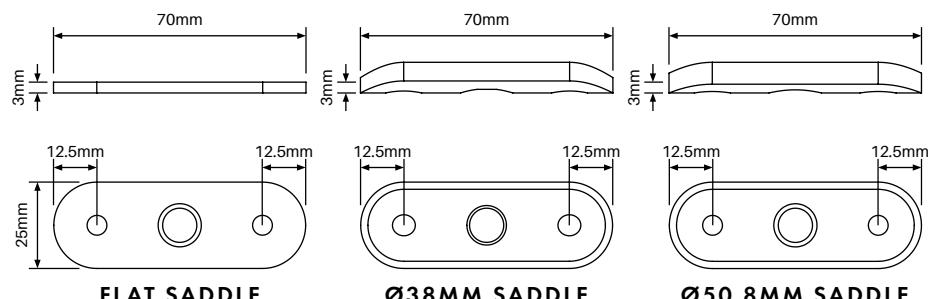
**Polish, satin, matt black or matt white finish**

Order Code: EOS-SFB-FC38-P/S/B/MW

(38mm cap - Polish/Satin/Black/  
Matt White)

EOS-SFB-FC50-P/S  
(50mm cap - Polish/Satin)

- Suitable for affixing to round or square handrails, with compatible saddle
- Ø38mm or Ø50mm caps are available
- Saddles sold separately. Refer page 74.



### Euro SOHO wall bracket

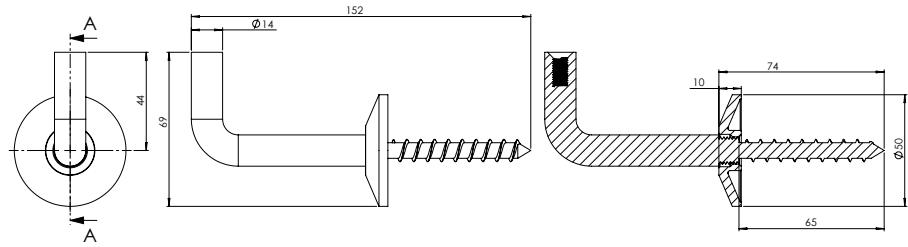
SS316

**Polish, satin, matt black or matt white finish**

Order Code: EOS-SFB-P/S/B/MW

(Polish/Satin/Black/Matt White)

- 50mm diameter wall plate & integrated M10 lag screw
- For affixing: use saddle (sold separately) or weld on



# OFFSET BRACKETS



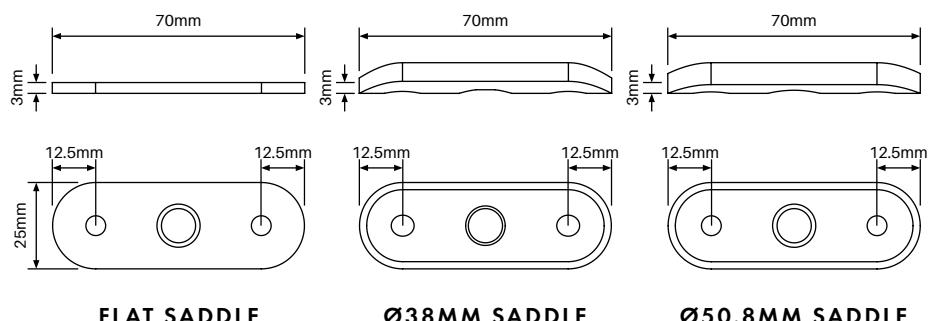
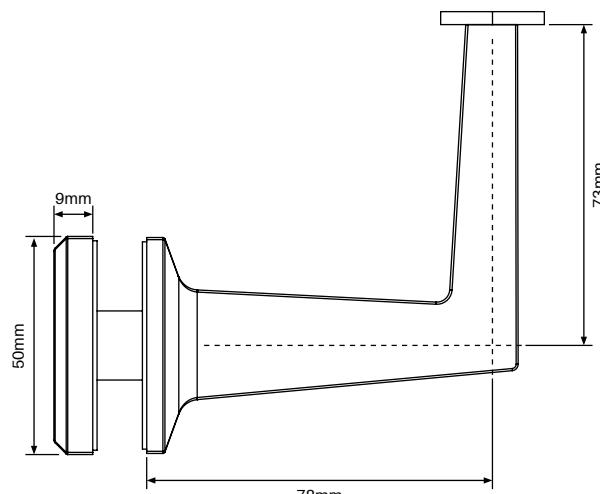
## Euro offset SOHO square bracket

SS316

Polish or satin finish

Order Code: EOS-SFB-50SQ-P/S (Polish/Satin)

- Suitable for affixing to round or square handrails, simply interchange the included saddles
- Stylish square profile design
- Kit includes: Flat saddle, Ø38mm and Ø50mm curved saddles, handrail standoff body, nylon washers & SS316 threaded rod



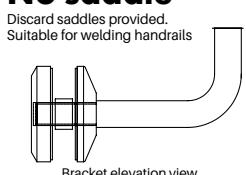
FLAT SADDLE

Ø38MM SADDLE

Ø50.8MM SADDLE

## 4 versatile SOHO fixing options

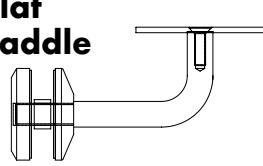
### 1 No saddle



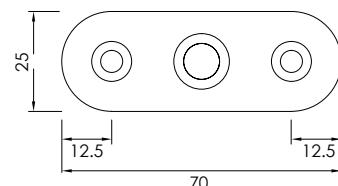
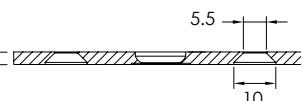
Discard saddles provided.  
Suitable for welding handrails

Bracket elevation view

### 2 Flat saddle



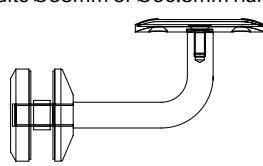
Flat saddles & bracket elevation view



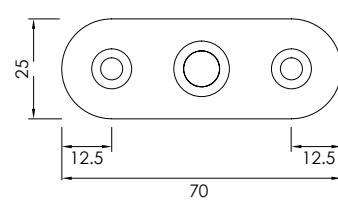
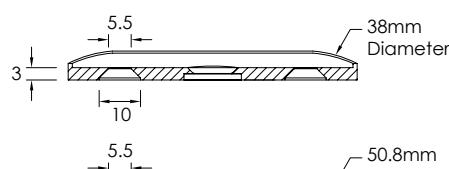
Flat saddle plan view

### 3 Curved saddle

Suits Ø38mm or Ø50.8mm handrail



Curved saddles & bracket elevation view



Curved saddles plan view

## OFFSET BRACKETS

### Euro Saddle Only

SS316

**Polish, satin, matt black, matt white** finish

Order Code: SADDLE-38-P/S/B/MW

(Suits 38mm tube)

SADDLE-50-P/S/B/MW

(Suits 50mm tube)

SADDLE-FLAT-P/S/B/MW

(Suits Flat Rail)



OR



+



### Euro offset adjustable horizontal bracket

SS316

**Polish or satin** finish

Order Code: EOS-AB-H38-P/S

(38mm cap - Polish/Satin)

EOS-AB-H50-P/S

(50mm cap - Polish/Satin)

### Euro offset vertical fixed-bracket with 3x saddles

SS316

**Polish or satin** finish

Order Code: EOS-AB-VF3S-P/S

(Polish/Satin)



OR



+



### Euro offset adjustable horizontal bracket

SS316

**Polish or satin** finish

Order Code: EOS-AB-H38-P/S

(38mm cap - Polish/Satin)

EOS-AB-H50-P/S

(50mm cap - Polish/Satin)

### Euro offset vertical swivel bracket with 3x saddles

SS316

**Polish or satin** finish

Order Code: EOS-AB-VS3S-P/S

(Polish/Satin)

# PARIS

## OFFSET BRACKETS

- Stainless steel 316 offset handrail bracket
- Innovative fixing method uses threaded internal block with mounting screw
- Save time and money with no stainless steel welding or polishing required
- Suits fixing to square or round posts
- Saddles for flat or Ø50.8mm round handrail included
- Affix handrails as required - timber or stainless steel

### OFFSET HANDRAIL WITH NO WELDING REQUIRED!

#### SQUARE SS POST INSTALLATION



##### Paris offset bracket to suit square posts

Order code: PARIS-OB-SQ-P/S



##### Square post screw set

Order code:  
PARIS-PS-SQ

Fixing block suits  
internal post dimension  
of 36x36mm or greater

#### ROUND SS POST INSTALLATION



##### Paris offset bracket to suit round posts

Order code: PARIS-OB-RND-P/S



##### Round post screw set

Order code:  
PARIS-PS-RND

Fixing block suits  
Ø50.8mm tube with  
1.5mm wall thickness

#### TIMBER POST INSTALLATION



##### Timber post lag screw M8 x 81mm - SS304

Order code: PARIS-OB-SL



#### HOW TO USE



Drill hole in post to accommodate Paris offset bracket



Lower internal block into post - line up block with drilled hole in post



Secure block in place with washer and mounting screw



Position Paris offset bracket over  
mounting screw



Tighten grub screw to secure in place



Attach desired handrail support

# MOD50 COMPONENTS - ROUND

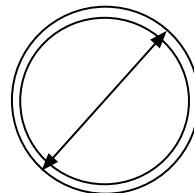
## Tube

316 STAINLESS STEEL

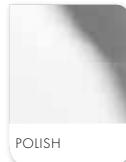
### Polish finish

Order Code: MOD50-5800C-50D-P (Polish)

- Available in 5800mm Lengths; high polish finish
- 50.8mm diameter
- 1.5mm wall thickness



50.8mm Dia



POLISH

## Base Plated Round Posts

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-1000-BP-P (Polish)

MOD50-1300-BP-P (Polish)

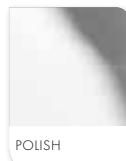
- Pre-welded base plated posts: 1000mm & 1300mm
- Base Plate 92mm diameter
- 1.5mm wall thickness



1000mm 1300mm  
BASE PLATED



92MM DIA



POLISH

## Core Drill Round Posts

316 STAINLESS STEEL

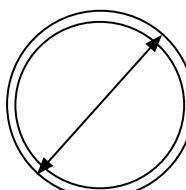
### Polish finish

Order Code: MOD50-1400-P (Polish)

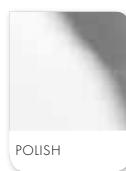
- Core drill pre cut posts 1400mm
- 1.5mm wall thickness



1400mm  
CORE DRILL



50.8mm Dia



POLISH

## Heavy Duty Base Plated Round Posts

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-1300-HDBP-P (Polish)

- Pre-welded base plated posts: 1300mm
- Base Plate 92mm diameter
- Heavy duty 3mm wall thickness
- Ideal for hinging a glass gate or use as a terminating post for wire balustrading



HEAVY  
DUTY

1300mm  
BASE PLATED



## Heavy Duty Core Drill Round Posts

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-1400-HD-P (Polish)

- Core drill pre cut posts 2800mm
- Heavy duty 3mm wall thickness
- Ideal for hinging a glass gate or use as a terminating post for wire balustrading

HEAVY  
DUTY



1400mm  
CORE DRILL



# MOD50 COMPONENTS - ROUND

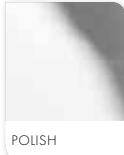
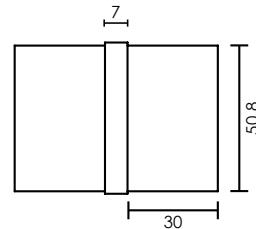
## Joiner

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-J-P (Polish)

- Inline joiner; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

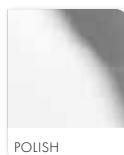
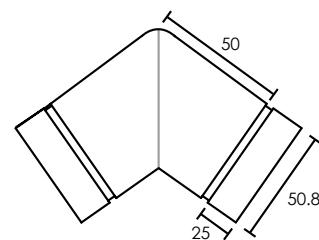
## 90 Degree Joiner

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-J90-P (Polish)

- 90 degree joiner; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

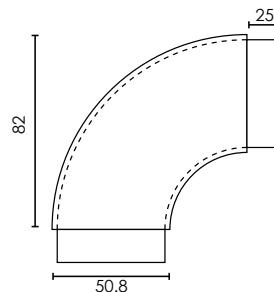
## Radius 90 Degree Joiner

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-J90R-P (Polish)

- 90 degree joiner with radius; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

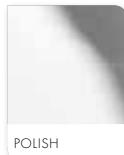
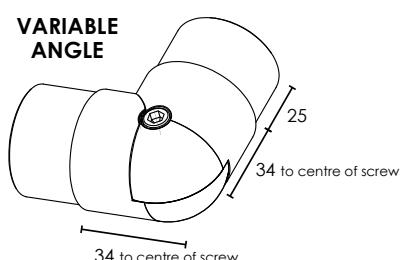
## Swivel Joiner

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-JS-P (Polish)

- Adjustable 'swivel' joiner, angle from 90 to 180 degrees
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

## MOD50 COMPONENTS - ROUND

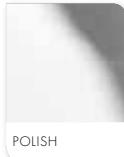
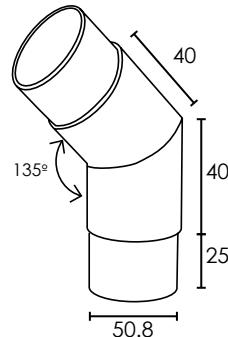
**135 Degree Joiner**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-J135-P (Polish)

- 135 degree joiner; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

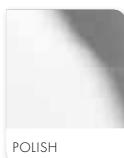
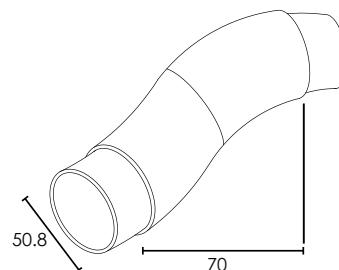
**Adjustable Bend Joiner**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-JAB-P (Polish)

- Adjustable bend joiner; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

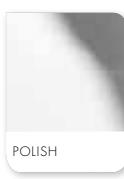
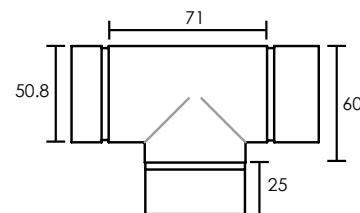
**T Joiner**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-JT-P (Polish)

- Inline "T" joiner; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

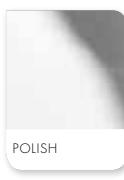
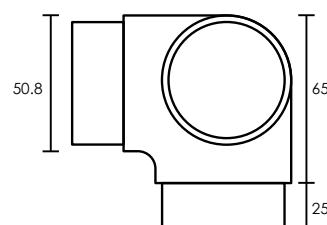
**T 90 Degree Joiner**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-J90T-P (Polish)

- 90 degree "T" joiner; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

# MOD50 COMPONENTS - ROUND

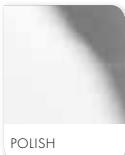
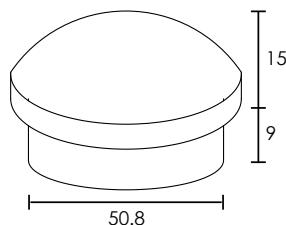
## Dome End Cap

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-ECD-P (Polish)

- Domed end cap; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

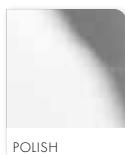
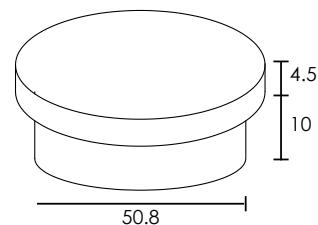
## Flat End Cap

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-ECF-P (Polish)

- Flat end cap; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

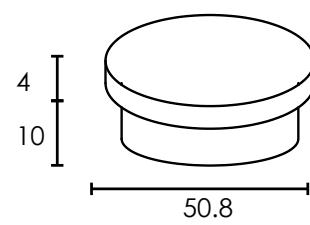
## Heavy Duty Top Cap

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-HDTC-P (Polish)

- Top cap to suit 50.8mm tube
- Suits 3mm wall thickness tube



**HEAVY DUTY**



POLISH

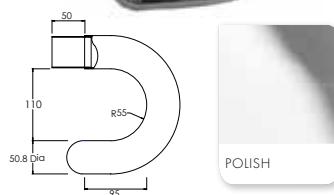
## Handrail End U Shape

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-HEU-P (Polish)

- Handrail end curve: 180 degree; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



Images & drawings are not to scale

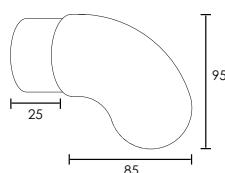
## Handrail Curved End

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-HEC-P (Polish)

- Handrail end curve: 90 degree; easy to use tap-in fitting
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



Engineering is not offered for these products

## MOD50 COMPONENTS - ROUND

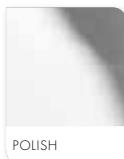
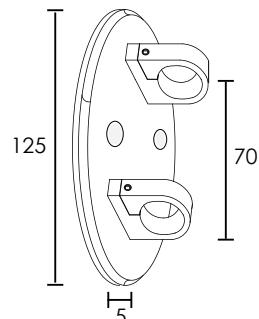
**135 Degree Joiner**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-WB-P (Polish)

- Wall bracket: clamping action holds 50.8 tube in place
- Consider welding tube to bracket connection for extra strength
- 2 x 11mm diameter holes; 80mm centres



POLISH

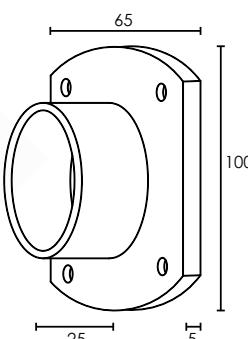
**Oblong Flange**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-BPF-O-P (Polish)

- Oblong shape external fitting flange
- 4 x 6.5mm holes with 11mm countersunk top
- Suits 50.8mm tube
- Epoxy glue, weld or drill/tap tube for joining strength

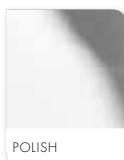
counter  
sunk holes**Extended Flange Wall Plate**

316 STAINLESS STEEL

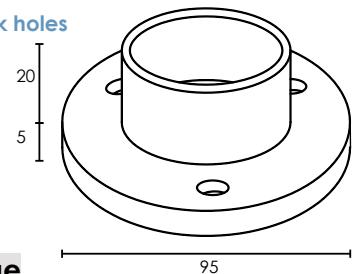
**Polish finish**

Order Code: FB-50D-WP25-P (Polish)

- Extended mouth bracket can be affixed to wall/post
- 50.8mm tube fits into opening 25mm deep (female fit)
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

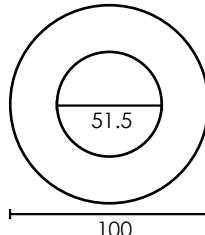
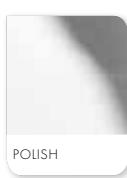
counter  
sunk holes**Round Base Plate Flange**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-BPF-P

- Round shape external fitting flange
- 3 x 6.5mm holes with 11mm countersunk top
- Suits 50.8mm tube

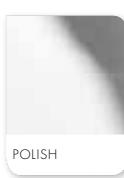
**Round Dress Ring**

316 STAINLESS STEEL

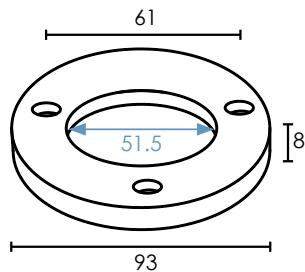
**Polish finish**

Order Code: MOD50-DR-P

- Suits 50.8mm tube
- 100mm outer diameter, 51.5mm inner diameter



POLISH



93

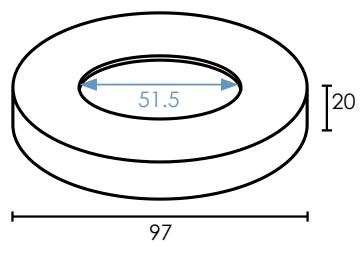
**Base Plate**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-BP-P

- Round shape external fitting flange
- 8mm thick; 3 x 11mm holes with 16mm countersunk top
- Suits welding 50.8mm tube to base plate

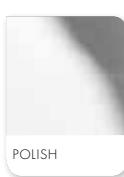
**Domial Cover**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-DC-P

- Slimline 20mm high domical cover
- Suits 50.8mm tube



POLISH

# MOD50 COMPONENTS - ROUND

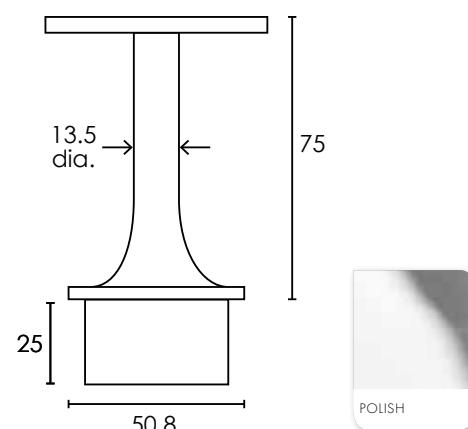
## Rail Support- Fixed Flat Saddle

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-RS-FF-P (Polish)

- Flush fitting post reducer with fixed flat saddle
- Saddle can be removed/discharged if desired
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



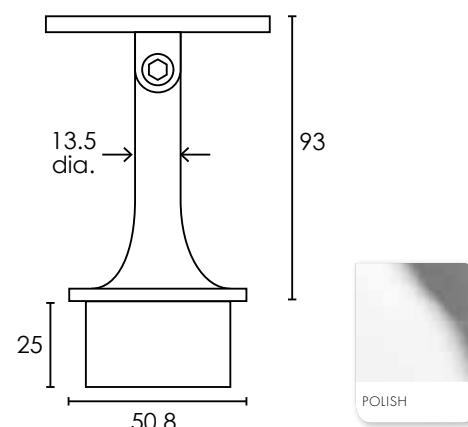
## Rail Support- Swivel Flat Saddle

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-RS-SF-P (Polish)

- Flush fitting post reducer with swivel flat saddle
- Ideal for staircases. Suits 50.8mm tube
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



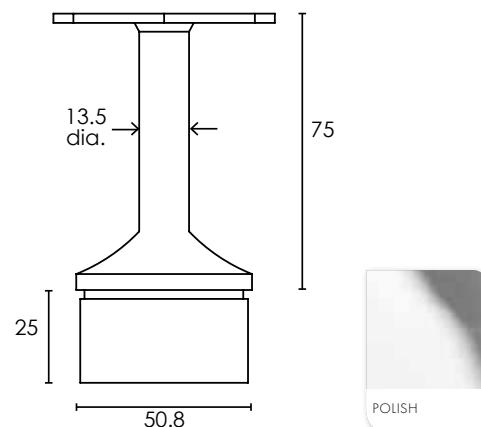
## Rail Support- Swivel Flat Saddle

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-RS-FF90-P (Polish)

- Flush fitting post reducer with 90 degree fixed flat saddle
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



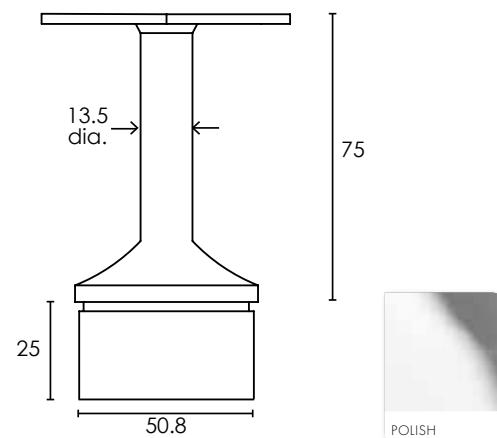
## Rail Support- Swivel Flat Saddle

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-RS-FF135-P (Polish)

- Flush fitting post reducer with 135 degree fixed flat saddle
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



## MOD50 COMPONENTS - ROUND

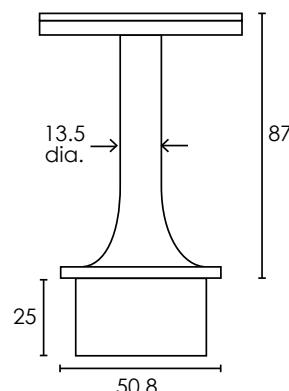
**Rail Support- Fixed Curved****Saddle**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-RS-FC-P (Polish)

- Flush fitting post reducer with fixed curved saddle
- Suits 1.5mm wall thickness tube, 50.8mm tube
- Epoxy glue, weld or drill/tap tube for joining strength

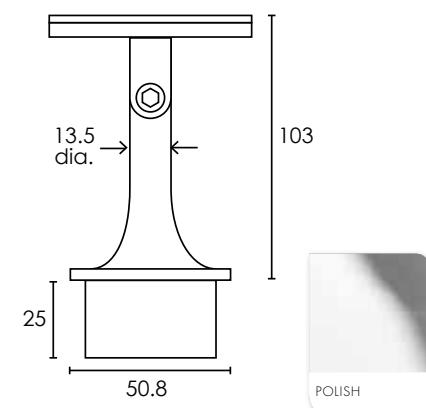
**Rail Support- Swivel Curved****Saddle**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-RS-SC-P (Polish)

- Flush fitting post reducer with swivel curved saddle
- Ideal for staircases
- Suits 1.5mm wall thickness tube, 50.8mm tube
- Epoxy glue, weld or drill/tap tube for

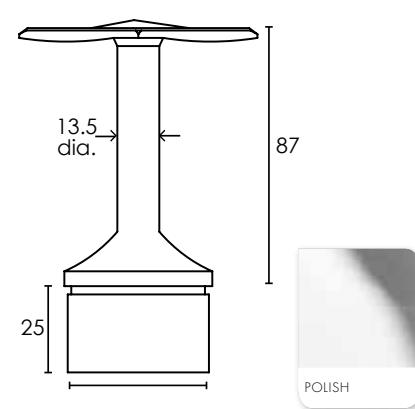
**Rail Support- Fixed Curved 90****Degree Saddle**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-RS-FC90-P (Polish)

- Flush fitting post reducer with 90 degree curved saddle
- Suits 1.5mm wall thickness tube, 50.8mm tube
- Epoxy glue, weld or drill/tap tube for

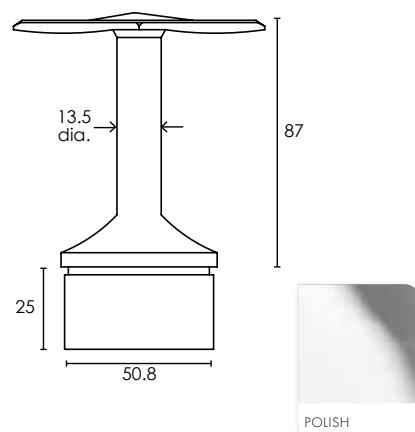
**Rail Support- Fixed Curved 135****Degree Saddle**

316 STAINLESS STEEL

**Polish finish**

Order Code: MOD50-RS-FC135-P (Polish)

- Flush fitting post reducer with 135 degree curved saddle
- Suits 1.5mm wall thickness tube, 50.8mm tube
- Epoxy glue, weld or drill/tap tube for



# MOD50 COMPONENTS - ROUND

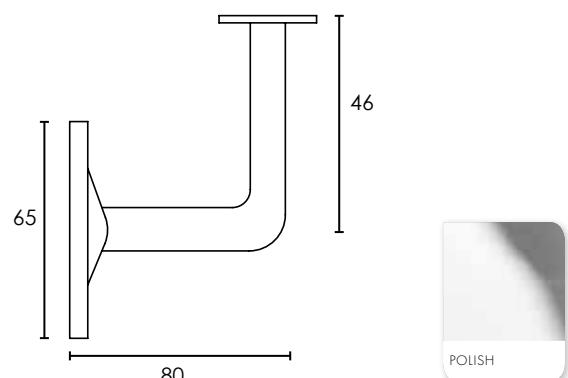
## Wall Support- Fixed Flat Saddle

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-RSW-FF-P (Polish)

- 3 hole wall bracket for easy fitting to any surface
- Removable Fixed Flat Saddle
- Countersunk holes in saddle allow rail fixing without welding



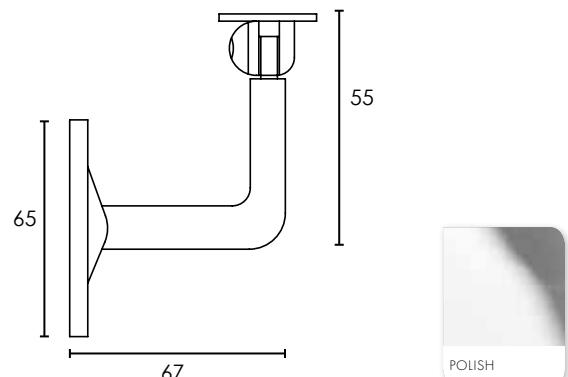
## Wall Support- Swivel Flat Saddle

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-RSW-F-P (Polish)

- 3 hole wall bracket for easy fitting to any surface
- Swivel Flat Saddle- ideal for suitcases
- Countersunk holes in saddle allow rail fixing without welding



## Wall Support- Fixed Curve

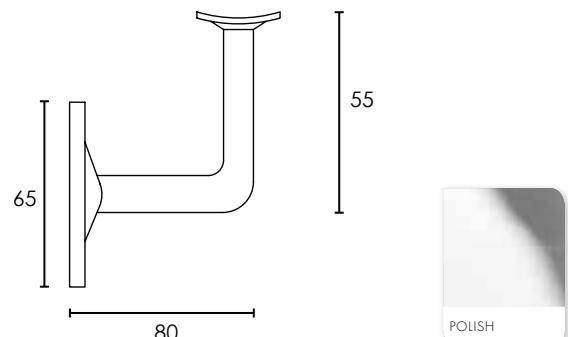
### Saddle

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-RSW-FC-P (Polish)

- 3 hole wall bracket for easy fitting to any surface
- Fixed curved saddle to suit 50.8mm tube
- Countersunk holes in saddle allow rail fixing without welding



## Wall Support- Swivel Curved

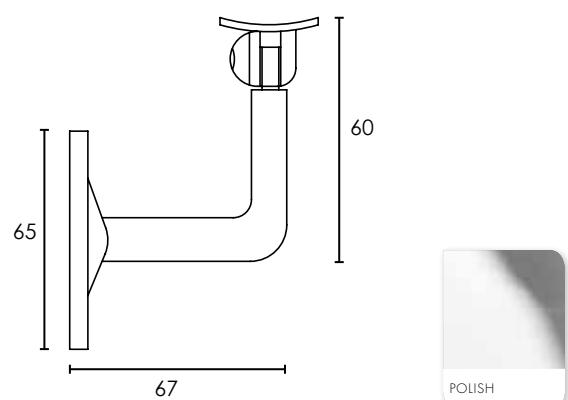
### Saddle

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-RSW-SC-P (Polish)

- 3 hole wall bracket for easy fitting to any surface
- Swivel curved saddle to suit 50.8mm tube- ideal for staircases
- Countersunk holes in saddle allow rail fixing without welding



## Wall Support- Cover

316 STAINLESS STEEL

### Polish finish

Order Code: MOD50-RSW-C-P (Polish)

- Slimline cover to hide fixings
- Suits MOD50 wall brackets
- 15mm high; 69mm outer diameter; 15mm inner hole diameter



## MOD50 COMPONENTS - ROUND

**Rail Support- Ball Joiner with****Swivel Flat Saddle**

316 STAINLESS STEEL

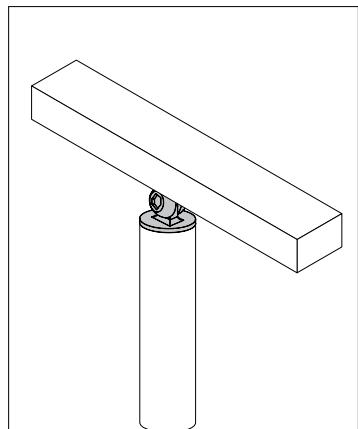
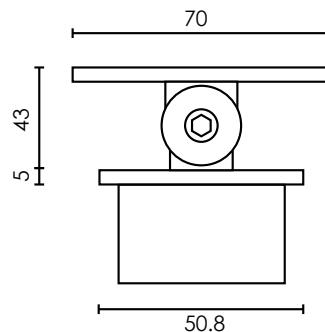
**Polish finish**

Order Code: MOD50-RSB-SF-P (Polish)

- Adjustable swivel support with flat saddle; ideal for staircases
- Suits 1.5mm wall thickness tube
- Can also be used to terminate a 50.8mm tube at an angled position
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

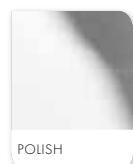
**Rail Support- Ball Joiner with****Swivel Curved Saddle**

316 STAINLESS STEEL

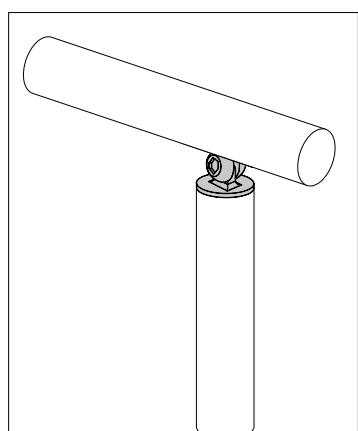
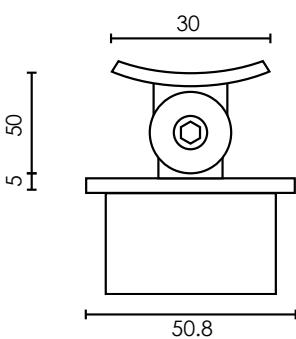
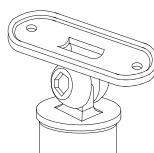
**Polish finish**

Order Code: MOD50-RSB-SC-P (Polish)

- Adjustable swivel support with curved saddle; ideal for staircases
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

**Flush Rail Support**

316 STAINLESS STEEL

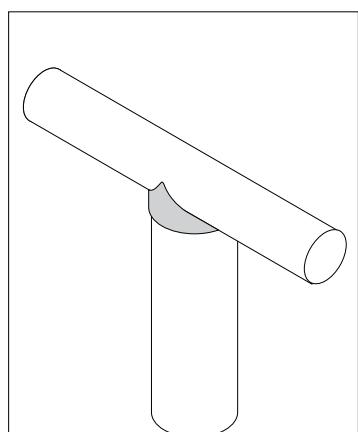
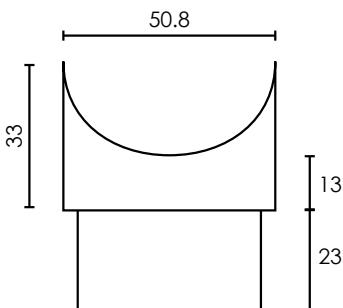
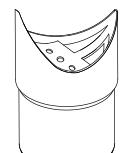
**Polish finish**

Order Code: MOD50-RSF-P (Polish)

- Flush fitting joiner: internally affixed to rail with screws/rivets
- Use to join vertical post to handrail or horizontal rail to post
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH

**Tapered Rail Support**

316 STAINLESS STEEL

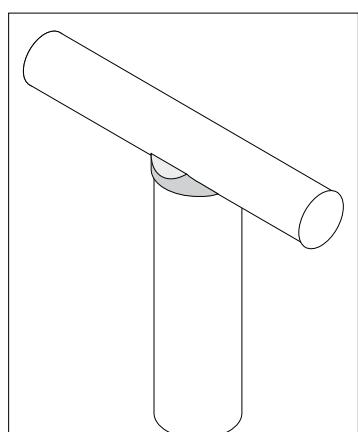
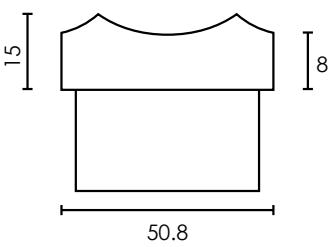
**Polish finish**

Order Code: MOD50-RSF-T-P (Polish)

- Tapered rail joiner: internally affixed to rail with screws/rivets
- 1 x 9mm fixing hole in centre
- Use to join vertical post to handrail or horizontal rail to post
- Suits 1.5mm wall thickness tube
- Epoxy glue, weld or drill/tap tube for joining strength



POLISH



# MOD50 COMPONENTS - ROUND



## Rail Convertor

316 STAINLESS STEEL

### Polish Finish

Order Code: MOD50-RC-W-P (Polish)

- Weld to horizontal stainless steel top rails
- Suits 1.5mm wall thickness tube
- Affix to vertical post with epoxy glue, weld or drill/top

## MOD SERIES INSTALLATION ACCESSORIES



### M8 Blind Rivet Nut

304 STAINLESS STEEL  
Polish finish

Order Code: MOD-M8-BRN (Polish)

- Thread inserts for affixing clamps to posts
- Suits 0.5 to 3mm wall thickness posts
- Insert using the hand rivet nut tool

### M8 x 20 Cap Screw

304 STAINLESS STEEL  
Polish finish

Order Code: MOD-M8-CS (Polish)

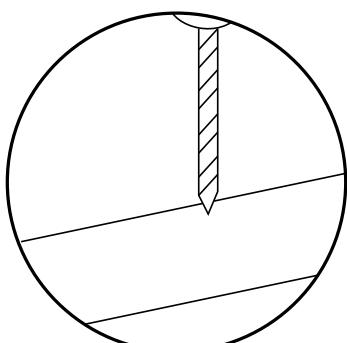
- Use with blind rivet nut to affix glass clamp to post

### Rivet Nut Hand Tool

Order Code: RIV-TOOL

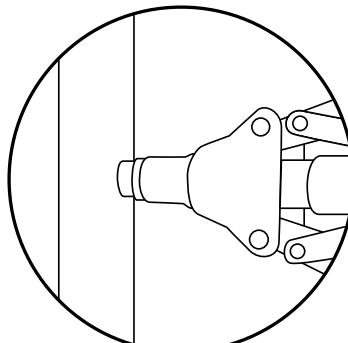
- Allows quick insertion of stainless rivet nuts into posts
- Push/pull rod for quick thread insert and release
- Includes M4, M5, M6, M8 & M10 mandrel set
- **Adjustable stroke for different wall thickness on posts (0.5mm to 3mm)**

## EASY CLAMP INSTALL GUIDE



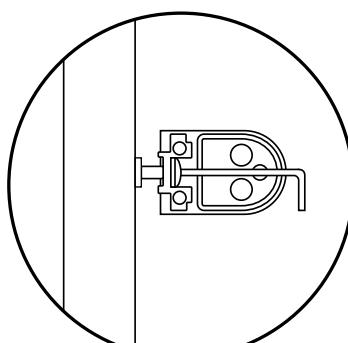
### 1 DRILL HOLE IN POST

MARK OUT & DRILL HOLES TO SUIT DIAMETER OF BLIND RIVET NUT



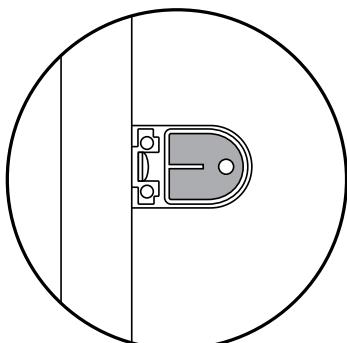
### 2 INSTALL THE BLIND RIVET NUT

USING THE RIVET HAND TOOL



### 3 INSTALL THE D CLAMP ONTO POST

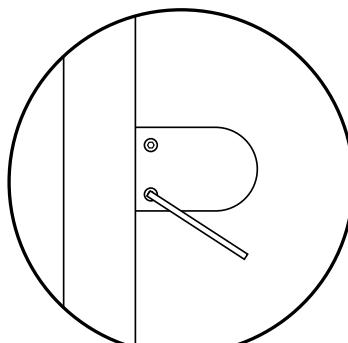
SCREW THE CAP HEAD SCREW INTO THE BLIND RIVET NUT THROUGH THE D CLAMP



### 4

#### PLACE RUBBER GASKETS

PLACE THE CORRECT RUBBER GASKETS ONTO BOTH HALVES OF THE D CLAMP



### 5

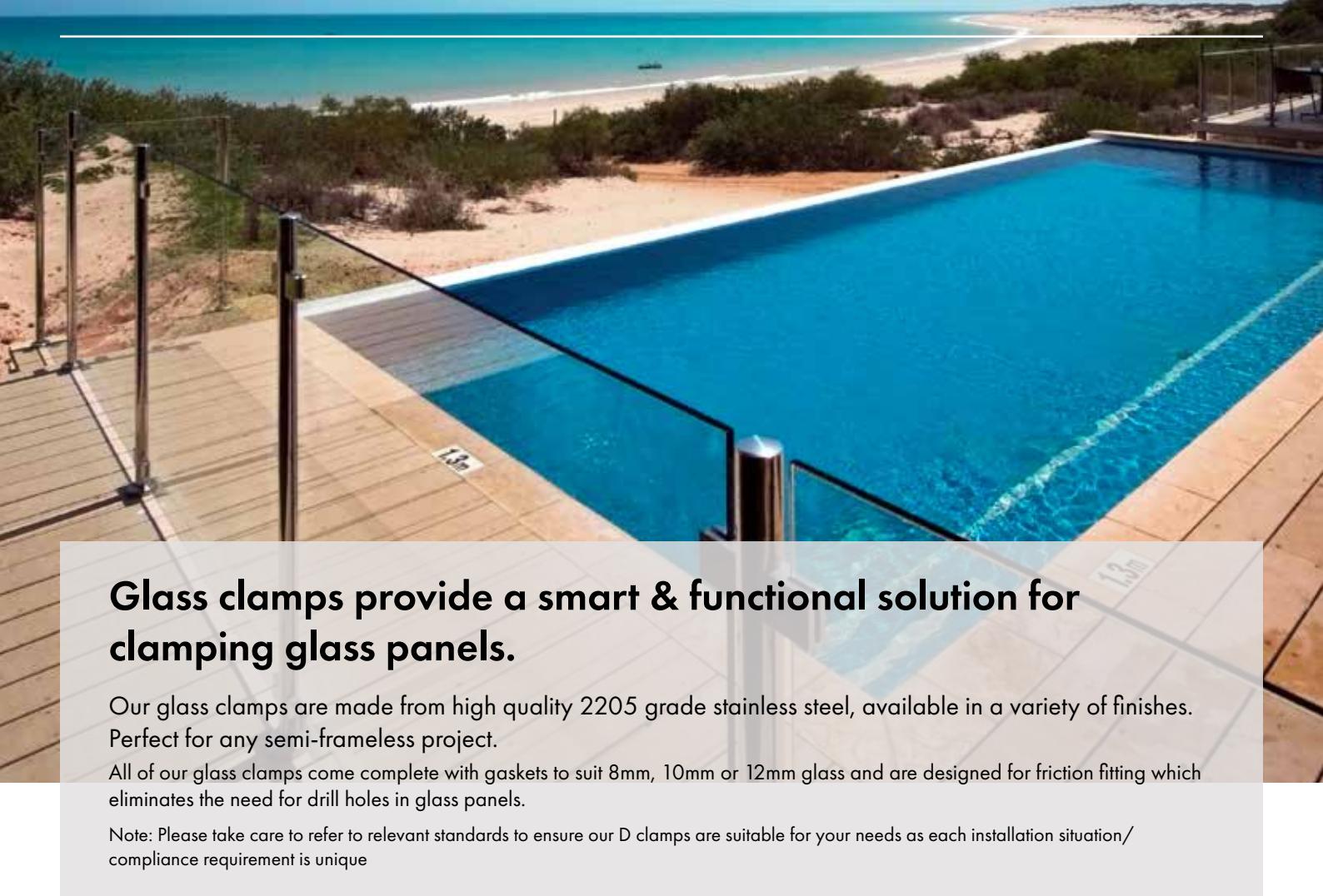
#### INSERT GLASS & TIGHTEN

PLACE GLASS INTO POSITION & TIGHTEN THE SECOND HALF OF THE D CLAMP



...finished!

## GLASS CLAMPS

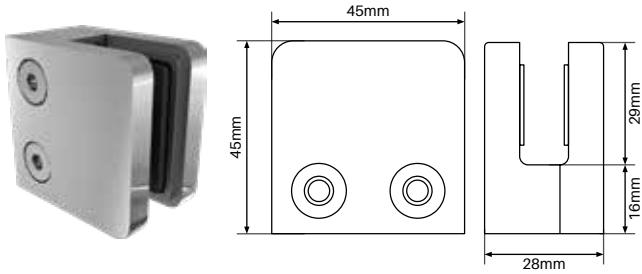


**Glass clamps provide a smart & functional solution for clamping glass panels.**

Our glass clamps are made from high quality 2205 grade stainless steel, available in a variety of finishes. Perfect for any semi-frameless project.

All of our glass clamps come complete with gaskets to suit 8mm, 10mm or 12mm glass and are designed for friction fitting which eliminates the need for drill holes in glass panels.

Note: Please take care to refer to relevant standards to ensure our D clamps are suitable for your needs as each installation situation/compliance requirement is unique



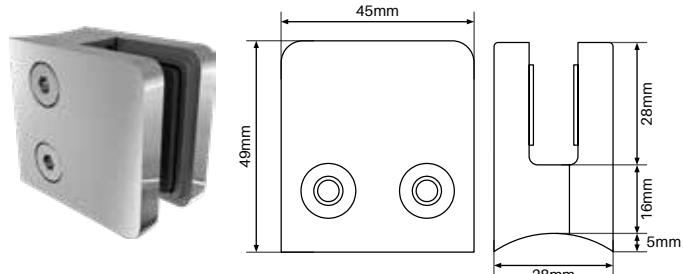
### Slimline clamp – Square front, flat back

SS2205

**Polish or satin finish**

Order Code: GCS-S-FB-P (Polish)  
GCS-S-FB-S (Satin)

- Slimline 45x45mm shape
- Premium grade SS2205 in polish or satin finish
- Gaskets included to suit 8mm or 10mm glass only (not suited to 12mm glass)
- Gaskets made from EPDM – highest quality gaskets available



### Slimline clamp – Square front, round back

SS2205

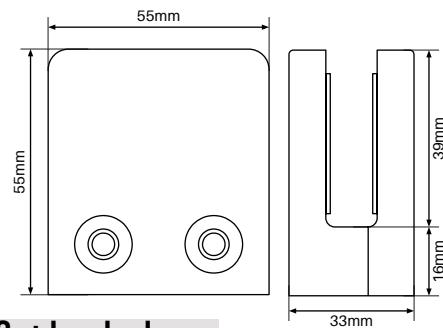
**Polish or satin finish**

Order Code: GCS-S-RB-P (Polish)  
GCS-S-RB-S (Satin)

- Slimline 45x45mm shape – Suits fixing to Ø50mm round posts
- Premium grade SS2205 in polish or satin finish
- Gaskets included to suit 8mm or 10mm glass only (not suited to 12mm glass)
- Gaskets made from EPDM – highest quality gaskets available



# GLASS CLAMPS



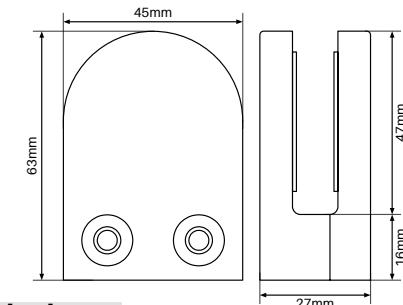
## Square front, flat back clamp

SS2205

**Polish, satin or matt black finish**

Order Code: GC-S-FB-P (Polish)  
GC-S-FB-S (Satin)  
GC-S-FB-B (Matt black)  
GC-S-FB-MW (Matt white)

- Premium 2205 grade stainless steel
- Gaskets included to suit 8mm, 10mm or 12mm glass
- Gaskets made from EPDM - highest quality gaskets available
- Can be used with bottom seat (refer below)



## D front, flat back clamp

SS2205

**Polish, satin or matt black finish**

Order Code: GC-D-FB-P (Polish)  
GC-D-FB-S (Satin)  
GC-D-FB-B (Matt black)

- Premium 2205 grade stainless steel
- Gaskets included to suit 8mm, 10mm or 12mm glass
- Gaskets made from EPDM - highest quality gaskets available
- Can be used with bottom seat (refer below)



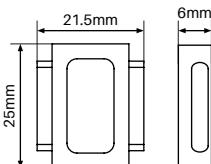
## Bottom seat for D clamps

SS2205

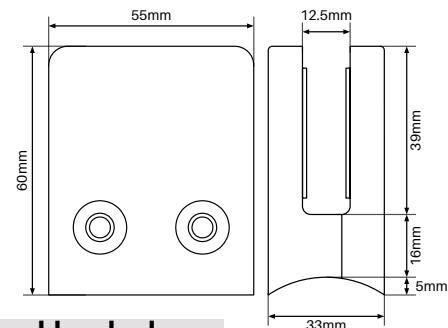
**Polish, satin or matt black finish**

Order Code: GC-D-SEAT-P (Polish)  
GC-D-SEAT-S (Satin)  
GC-D-SEAT-B (Matt black)

- Use when glass slip is a concern or for heavier/wider panels
- Simply insert into D clamp
- Bottom plate seat sold separately



! Slimline 45x45mm clamp cannot be used with bottom seat



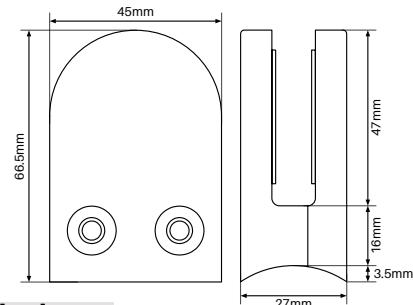
## Square front, round back clamp

SS2205

**Polish, satin or matt black finish**

Order Code: GC-S-RB-P (Polish)  
GC-S-RB-S (Satin)

- Premium 2205 grade stainless steel
- Gaskets included to suit 8mm, 10mm or 12mm glass
- Gaskets made from EPDM - highest quality gaskets available
- Can be used with bottom seat (refer below)



## D front, round back clamp

SS2205

**Polish, satin or matt black finish**

Order Code: GC-D-RB-P (Polish)  
GC-D-RB-S (Satin)  
GC-D-RB-B (Matt black)

- Premium 2205 grade stainless steel - Suits Ø50mm round posts
- Gaskets included to suit 8mm, 10mm or 12mm glass
- Gaskets made from EPDM - highest quality gaskets available
- Can be used with bottom seat (refer below)



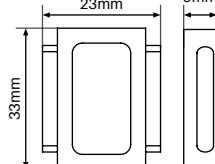
## Bottom seat for sq. front clamps

SS2205

**Polish, satin or matt black finish**

Order Code: GC-S-SEAT-P (Polish)  
GC-S-SEAT-S (Satin)  
GC-S-SEAT-B (Matt black)  
GC-S-SEAT-MW (Matt white)

- Use when glass slip is a concern or for heavier/wider panels
- Simply insert into sq. front clamp
- Bottom plate seat sold separately



! Slimline 45x45mm clamp cannot be used with bottom seat

# EXTRAS & ACCESSORIES

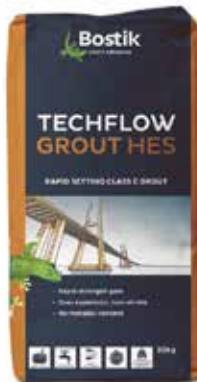


## SET-FAST Grout

10kg bag

Order Code: GROUT-SETFAST-10KG

- Fast setting pourable grout
- Non shrink grout



## Bostik HES grout

20kg bag

Order Code: GROUT-BOS

- Non shrink grout



## Sika HES grout

20kg bag

Order Code: GROUT-SIKA

- Non shrink grout

## Horseshoe Packers

### Black finish

Order Code: HSP-75X38-1MM-20PK

1mm thick – Pack of 20

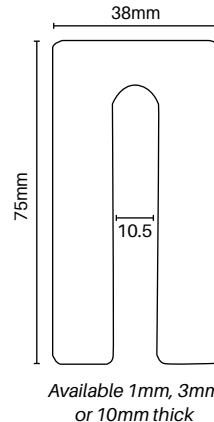
HSP-75X38-3MM-20PK

3mm thick – Pack of 20

HSP-75X38-10MM-5PK

10mm thick – Pack of 5

- 38mm wide x 75mm long horseshoe packers
- 10.5mm slot
- Available in 1mm or 3mm thick (20 per pack)
- Available in 10mm thick (5 per pack)
- Durable black solid polypropylene
- Handy for levelling adjustments while installing
- Easy to cut down to required length



## Bostik V60

### Clear glazing silicone

300g

Order Code: FB-V60



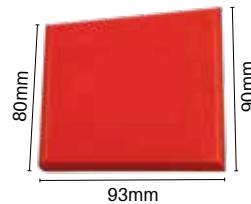
- Translucent
- Architectural grade high performance glazing silicone
- Neutral cure sealant
- Excellent adhesion and flexibility
- Seals water tight - UV and weather resistant
- 25 year manufacturer's guarantee against cracking and crumbling when used in standard conditions and applications\*
- Compatible substrates glass, steel, timber, concrete, ceramic, fibreglass, aluminium (powder coated surfaces are limited)

## Silicone Spatula

Medium flexibility

Order Code: P-SS

- Handy tool for glazing panels with silicone
- Made from thermoplastic polyurethane – good elasticity and resistant to oils, grease & abrasion
- One corner features radius (R4) for neat silicone finishing



## Soudal Epofix 82A

24mL

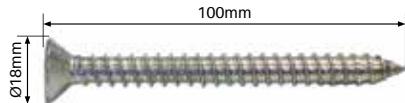
Order Code: SOUD-EPOFIX

- 24mL bottle – easy to use dual cartridge
- Translucent fast curing 2 part epoxy
- Very strong bonding of many types of materials. Including metal, wood, glass and plastics



# EXTRAS & ACCESSORIES

We offer a range of stainless steel 316 M10 and M12 fixings perfect for affixing spigots, wall plates, standoffs, and glass clamps



## M10 FIXINGS

### Counter sunk timber screw – 4 pack

100MM LONG – SS316

(Hex head drive)

Order Code: CSK-100-4PK

- Heavy duty self tapping screw – 100mm long with M10 thread – Ø18mm outer head
- Hex head drive
- Ideal for fixing base plated spigots to timber deck
- Countersunk head allows screw to finish flush with top edge of base plate for neat finish

### M10 dome nut

PACK OF 4 – SS316

Order Code: S-M10DN-4PK

- 4 x dome nuts & split washers
- Suits M10 thread



*Tip: if M10 fixing kit used, discard standard nuts from kit and replace with dome nuts*



### Timber fixing kit

4 PACK – SS316

Order Code: S-110LAG-4PK

- M10 x 110mm timber lag screws x4 with nuts and washers
- Nuts fit under high domical covers.
- Fixing kit cannot be used with slimline covers (slimline covers use countersunk fixings)
- Nut is 8mm thick



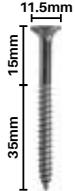
### Concrete fixing kit

4 PACK – SS316

Order Code: S-120ROD-4PK

- M10 x 120mm concrete threaded rods x4 with nuts and washers
- Nuts fit under high domical covers.
- Fixing kit cannot be used with slimline covers (slimline covers use countersunk fixings)
- Nut is 8mm thick

## BATTEN SCREWS



### 50mm CSK batten screw

SS316  
14 gauge  
Order Code:  
CSK-050



### 75mm CSK batten screw

SS316  
14 gauge  
Order Code:  
CSK-075



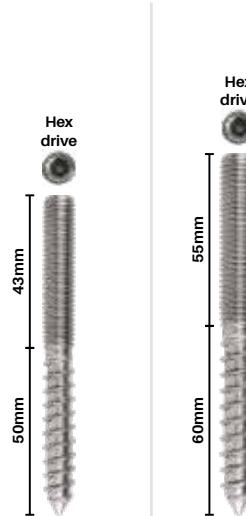
### M12 dome nut

PACK OF 4 – SS316

Black or Silver finish

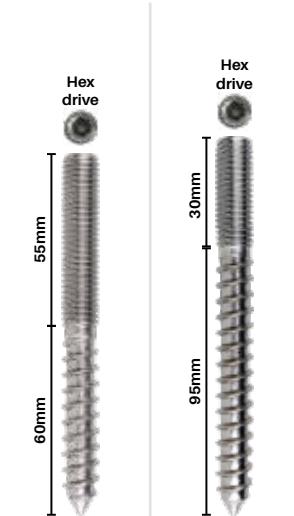
Order Code: GS-DN-4PK (Silver)  
GS-DN-4PK-B (Black)

- 4x dome nuts & 4x split washers
- Suits M12 thread



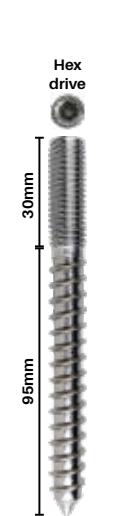
### 93mm lag screw

SS304  
M12 thread  
Order Code:  
GS093LAG



### 115mm lag screw

SS304  
M12 thread  
Order Code:  
GS115LAG



### 125mm lag screw

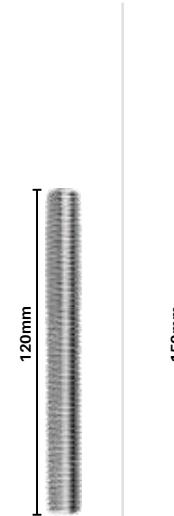
SS304  
M12 thread  
Order Code:  
GS125LAG

## M12 FIXINGS



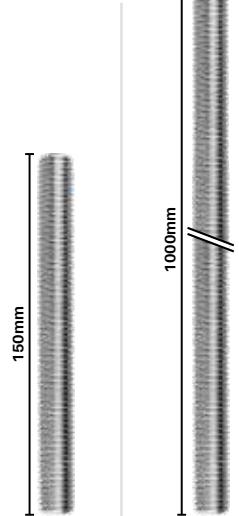
### 160mm lag screw

SS304  
M12 thread  
Order Code:  
GS160LAG



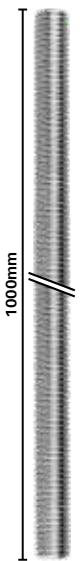
### 120mm threaded rod

SS304  
M12 thread  
Order Code:  
GS120ROD



### 150mm threaded rod

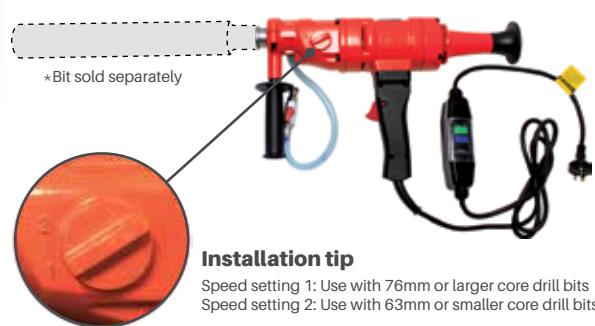
SS304  
M12 thread  
Order Code:  
GS150ROD



### 1000mm threaded rod

SS304  
M12 thread  
Order Code:  
GS1000ROD

# DIAMOND REVOLUTION DRILL



## Diamond revolution drill

### Core drill

Order Code: **REV-CD-2S**

- 2 speed core drill - 1500W
- Comes with case, allen key, spare set of brushes and manual
- Safety switch
- Uses common size 1 1/4" UNC male thread for diamond core bits

### Technical data

Voltage: 240V

Rated frequency: 50-60Hz

Rated input power: 1500W

No load speed r/min: 2100/950

Weight: 8.8kg



## Diamond revolution stand

Suits diamond revolution core drill

Order Code: **REV-STAND**

- Steel and aluminium construction
- Height: 800mm
- Base: 330mm x 380mm
- Weight: 12.6kg



## Core drill template

Order Code: **REV-TEMPLATE**

- Assists with starting to core drill hole
- Stabilises the drill bit from jumping



## Spirit level for core drill

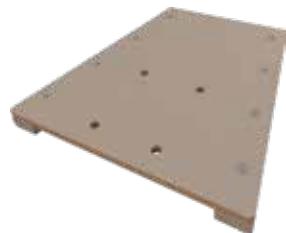
Order Code: **REV-LEVEL**

- Screws into core drill machine
- Assists with drilling accurate holes



## Splash guard/ water trap

Order Code: **REV-GUARD**



## Base for stand

Order Code: **REV-BASE**

- 550mm x 550mm overall dimensions

## Core drill bits

Mild steel body & diamond impregnated crown tip



### 8mm mini core drill bit

Order Code: **REV-BIT-08**



### 10mm mini core drill bit

Order Code: **REV-BIT-10**



### 12mm mini core drill bit

Order Code: **REV-BIT-12**



### 14mm mini core drill bit

Order Code: **REV-BIT-14**



### 20mm mini core drill bit

Order Code: **REV-BIT-20**



### 42mm core drill bit

42mm x 450mm long  
Order Code: **REV-BIT-42**



### 53mm core drill bit

53mm x 450mm long  
Order Code: **REV-BIT-53**



### 63mm core drill bit

63mm x 450mm long  
Order Code: **REV-BIT-63**



### 76mm core drill bit

76mm x 450mm long  
Order Code: **REV-BIT-76**



### 83mm core drill bit

83mm x 450mm long  
Order Code: **REV-BIT-83**



### 89mm core drill bit

89mm x 450mm long  
Order Code: **REV-BIT-89**

# EXTRAS & ACCESSORIES



## Enduroshield glass treatment

125ml or 500mm mL bottle  
Order Code: ENDURO-GC-125 (125ml)  
ENDURO-GC-500 (500ml)

- Covers up to 8sqm with 125ml bottle or up to 32sqm with 500ml bottle
- Water and oil repellent
- One application lasts 3+ years
- Kit includes pre-cleaner product & surface treatment
- Cuts cleaning time by up to 90%

**Kit includes:**  
125ml or 500ml Enduroshield glass home surface treatment  
EnduroClean pre-cleaner  
Fine steel wool  
Polishing cloth  
Step by step instructions  
3 year limited warranty



## Enduroshield stainless steel protective coating

60mL bottle  
Order Code: ENDURO-SSC-60

- Internal surfaces: Covers up to 4sqm
- External surfaces: Covers up to 2sqm (2 coats required)
- Water and oil repellent
- One application lasts 3+ years
- Kit includes pre-cleaner product & surface treatment
- Cuts cleaning time by up to 90%

**Kit includes:**  
60mL Enduroshield protective coating  
125mL EnduroClean pre-cleaner  
Microfiber cloth  
Polishing cloth  
Step by step instructions  
3 year limited warranty



## Enduroshield stainless steel restore

500mL bottle  
Order Code: ENDURO-SSRES

- Specially formulated to remove corrosion and tea staining
- Prepares surface for Enduroshield protective coating
- Apply either directly to the stainless surface or to a damp cloth and wipe over surface with cloth
- Ensure application is with the grain of the stainless steel, not against it

**KEEP UP TO DATE**  
VISIT THE WEBSITE  
& FOLLOW US  
ON INSTAGRAM

