

Technical Specifications

Every Glasstrends shower enclosure is custom made to your specific requirements. Glasstrends operates on a supply and install basis, providing a sophisticated range of accessories produced to give architects and designers complete freedom of design.

Our range of fittings are manufactured to the highest standard and provide a slim and neat appearance so that the glass remains the central feature. Our hinges, handles and fittings are available in various styles and finishes to complement your existing décor. Custom-made fittings are available upon request. Glasstrends enclosures are suitable for shower trays and wet room floors.

For best results, we recommend that you contact us as early in your job as possible. Our technical specialists can offer design and technical advice to assist you with your ideas and planning, in particular to ensure that any necessary structural supports, water proofing detail and tiling integrates with Glasstrends shower enclosure design and positioning. Our services include obtaining all final working dimensions. In order to provide the highest possible standard of installation and avoid costly errors it is essential that the surface the glass is being installed to is completed before working dimensions are taken. This will enable all measurements to be accurate and correct. Glasstrends showers are manufactured to very small tolerances and toughened glass can not be altered or trimmed after it has been made; therefore it is our company policy that all site dimensions must be taken from a finished surface.

Composition

Glass

All glass used in Glasstrends frameless showers is 10 mm thick toughened safety glass which is manufactured to British and European Safety Standard BS EN 12150:2000 and impact tested to BS EN 12600:2002. Toughened glass is a thermally strengthened glass which is five to seven times stronger than non-toughened glass. In the event of breakage, toughened glass will fracture into small uniform fragments with dulled edges to prevent serious injury. Standard clear glass (natural green hue) and low iron glass (no green hue) are available for all showers.

Doors

Most doors can be set to open either inwards or outwards, however, an outward opening door is recommended. Standard door widths are generally between 550mm to 700mm wide. Maximum overall size of 2000mm x 700mm at a weight of 35kg. For doors above the standard measurement, heavy duty hinges are available to suit a maximum size of up to 2800mm x 914mm at a weight of 64kg.

Wall mounted doors

For doors hinged directly from the wall, it is essential to have a solid fixing for the hinge – either timber stud, concrete or brick. Where inadequate wall fixing is suspected, it is recommended that the door be hung from a glass side panel at a minimum width of 120mm.

Fixings

Glass panels are held in position with either a “U” channel or a wall mount clamp, and silicone sealed against the wall and base. All hinges, handles and support bars are finished in polished chrome. All channels and coving are 6463-T5 Extruded

Aluminium, polished and bright anodised. Other finishes are available on request.

Special bracing requirements

To provide a safe and sturdy screen it is often necessary to brace unsupported glass panels. Where possible, we prefer to use an overhead glass brace, which complements our frameless styles. Where the use of an overhead glass brace is unsuitable then a support bar may be necessary. Glasstrends will assess each project on its own merits.

Glass to glass joins – 135° & 90°

We construct each glass to glass join with polished mitre edges, to provide a quality finished look and prevent a visible “thick” joint.

Waterproof

Glasstrends provide a comprehensive range of water seals to prevent leakage. We strongly recommend that the shower rose or body jets do not face the door as leaks can be difficult to avoid in such situations. Glasstrends individually assess every project prior to installation to ensure that the shower design incorporates the most efficient method for door positioning and sealing. We can also provide solutions for steam showers.

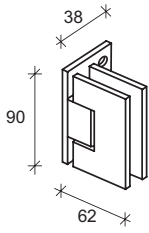
Glass surface protection

Glasstrends are pleased to offer customers the option of having their glass ClearShield™ coated. ClearShield™ acts as a lasting protective barrier to prevent limescale and other residues bonding to the glass. ClearShield™ coated glass resists staining, is easier to clean and prevents the growth of bacteria.

Hinges

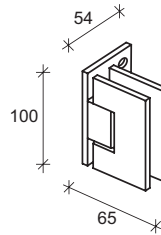
CODE: GW90

CODE: GW90 HD



Single sided wall mount hinge

Door capacity	Max width	Max weight
2 hinges	700 mm	35 kg

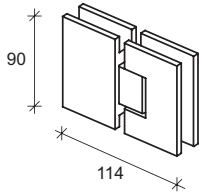


Wall mount hinge

Maximum door capacities	10mm glass		12mm glass	
	Width	Weight	Width	Weight
2 hinges	914mm	50kg	914mm	50kg
3 hinges	914mm	64kg	914mm	64kg

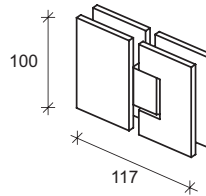
CODE: GGI80

CODE: GGI80 HD



Glass to glass hinge

Door capacity	Max width	Max weight
2 hinges	700 mm	35 kg

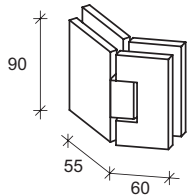


180° glass to glass hinge

Maximum door capacities	10mm glass		12mm glass	
	Width	Weight	Width	Weight
2 hinges	914mm	50kg	914mm	50kg
3 hinges	914mm	64kg	914mm	64kg

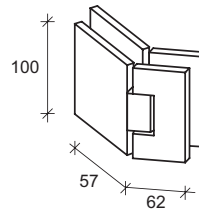
CODE: GGI35

CODE: GGI35 HD



Glass to glass 135° hinge

Door capacity	Max width	Max weight
2 hinges	700 mm	35 kg

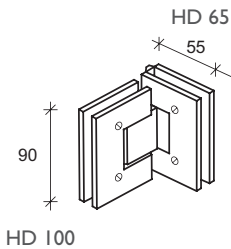


Glass to glass 135° hinge

Maximum door capacities	10mm glass		12mm glass	
	Width	Weight	Width	Weight
2 hinges	914mm	50kg	914mm	50kg
3 hinges	914mm	64kg	914mm	64kg

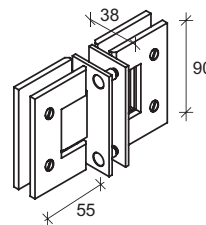
CODE: GG90 & GG90 HD

CODE: GG90 B2B



Glass to glass hinge 90° angle

Door capacity	Max width	Max weight
2 hinges	700 mm	35 kg
2 hinges GG90 HD	914 mm	50 kg



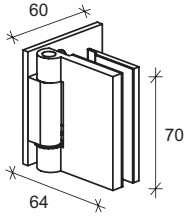
Glass to glass hinge 90° angle

Door capacity	Max width	Max weight
2 hinges	700 mm	35 kg

Hinges

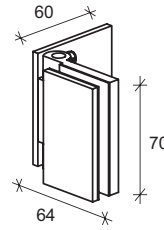
CODE: W-GW90 – open out

CODE: W-GW90 – open in



Glass to wall – open out

Door capacity	Max width	Max weight
2 hinges	1000 mm	40 kg

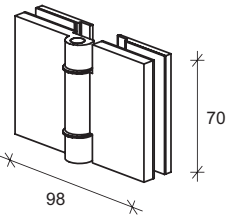


Glass to wall – open in

Door capacity	Max width	Max weight
2 hinges	1000 mm	40 kg

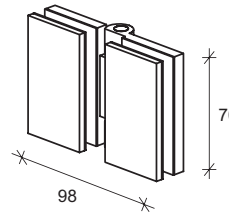
CODE: W-GGI80 – open out

CODE: W-GGI80 – open in



Glass to glass hinge – open out

Door capacity	Max width	Max weight
2 hinges	1000 mm	40 kg

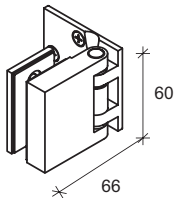


Glass to glass hinge – open in

Door capacity	Max width	Max weight
2 hinges	1000 mm	40 kg

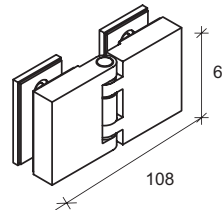
CODE: Q-GW90 – open out

CODE: Q-GGI80 – open out



Glass to wall 90° open out

Door capacity	Max width	Max weight
2 hinges	1000 mm	40 kg

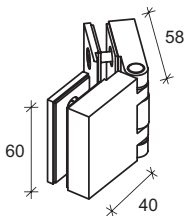


Glass to glass 180° hinge

Door capacity	Max width	Max weight
2 hinges	1000 mm	40 kg

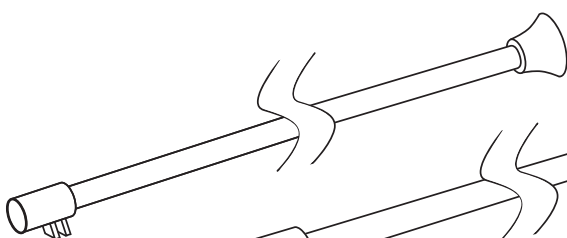
CODE: Q-GGI35 – open out

Glass to glass 135° open out

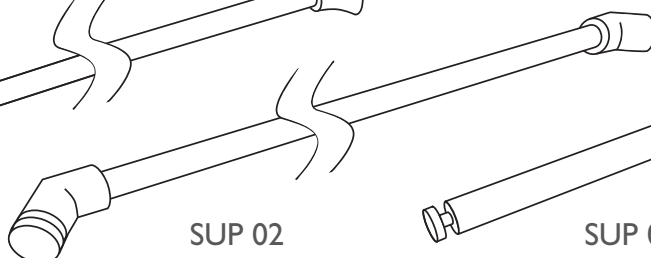


Door capacity	Max width	Max weight
2 hinges	1000 mm	40 kg

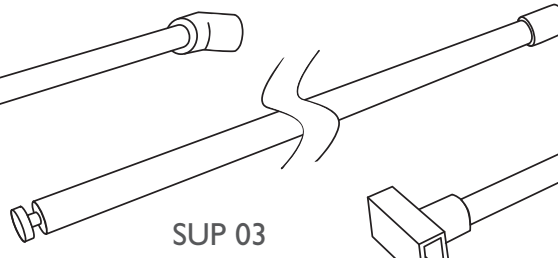
Support bars



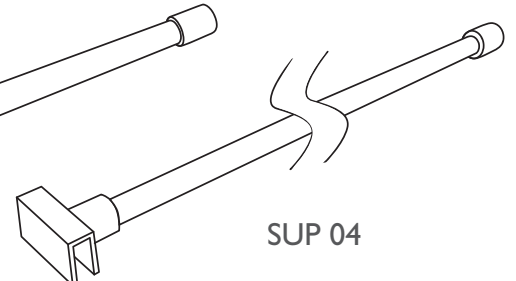
SUP 01



SUP 02



SUP 03

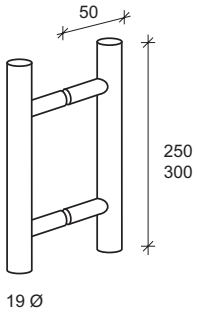


SUP 04

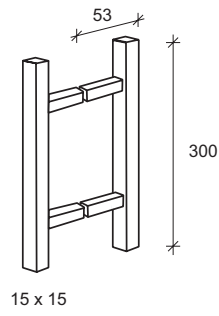
Handles

Custom handles available on request

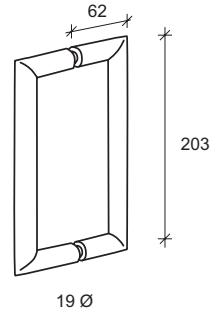
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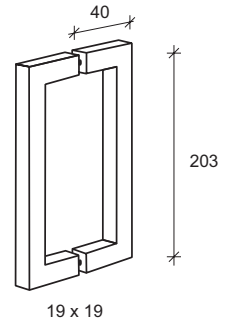
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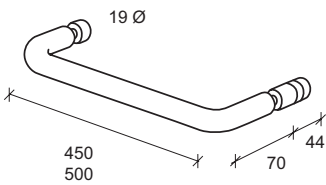
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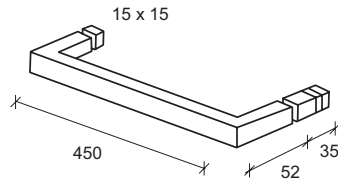
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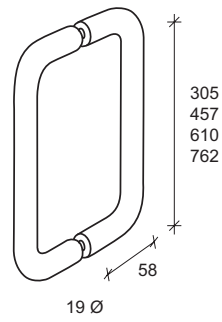
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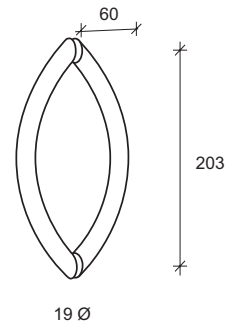
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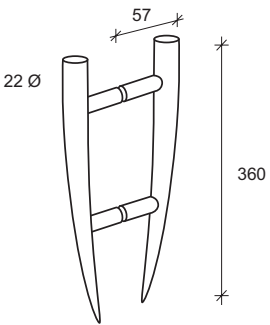
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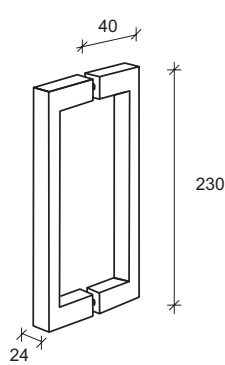
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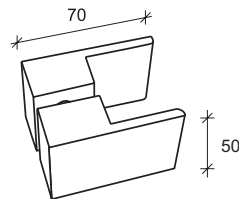
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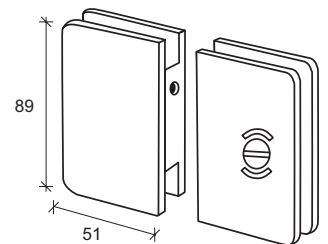
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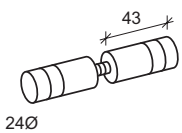
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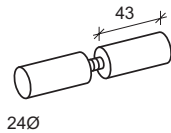
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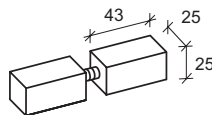
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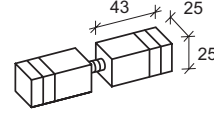
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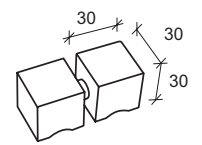
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H16



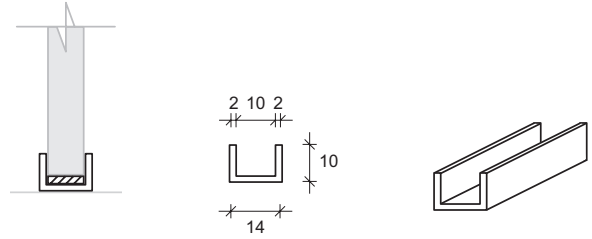
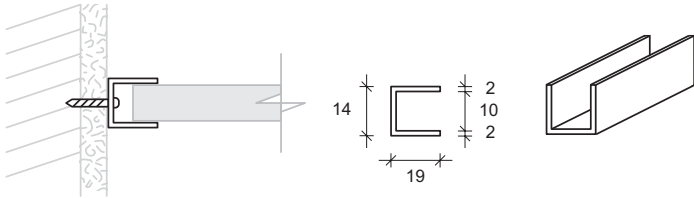
H17



Fixings

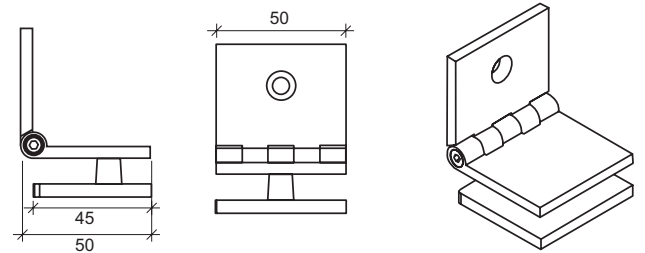
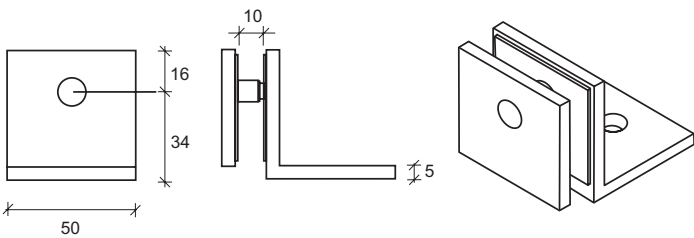
Slim line channel – wall or ceiling

Slim line channel – bottom



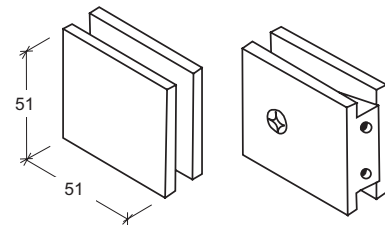
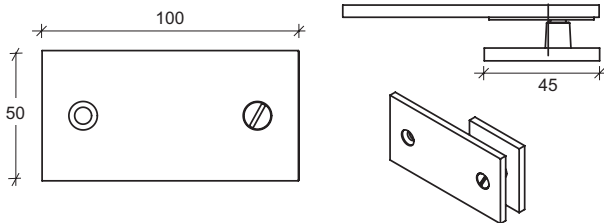
SB50 SQ

SB50 SQ – adjustable



SBD180 SQ

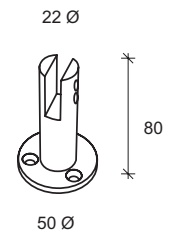
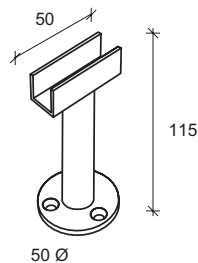
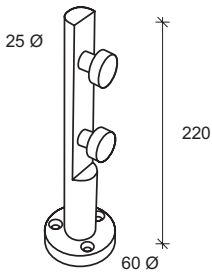
SB 51 SQ – concealed fixing



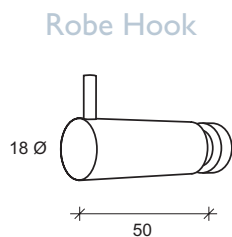
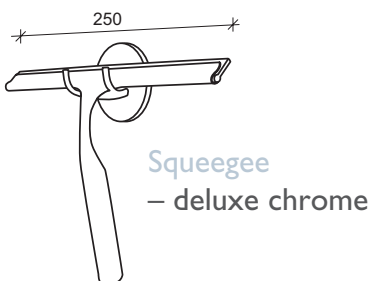
SF1

SF2

SF3

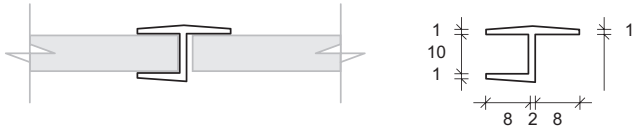


Accessories

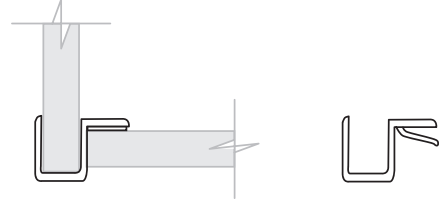


Seals	Glass to glass – inline	Glass to glass – corner
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Clear rigid polycarbonate seal push on fit to glass with soft leg to act as door stop and seal.

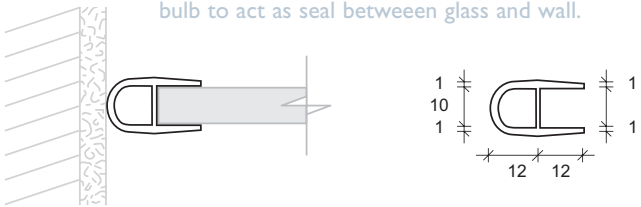


Clear rigid polycarbonate seal push on fit to glass with soft leg to act as door stop and seal.

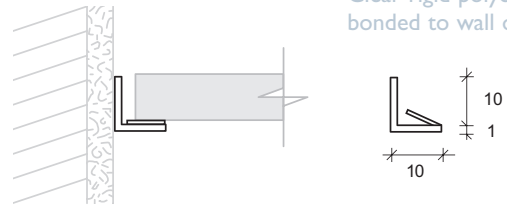


Glass to wall – bulb	Glass to wall – door stop
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Clear polycarbonate seal push on fit to glass with soft bulb to act as seal between glass and wall.

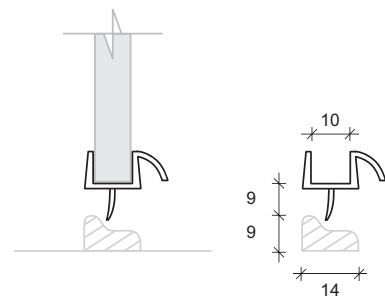
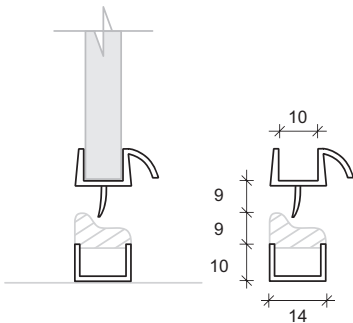


Clear rigid polycarbonate seal bonded to wall or glass return.



Bottom door seal – enclosures & screens	Bottom door seal – single door
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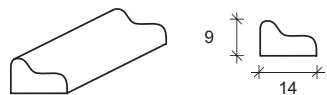
Clear rigid polycarbonate seal. Push on fit to glass with a soft leg to act as seal between bottom coving and door.



Coving 1	Coving 2
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Fixed to base or bottom channel to form seal under door.

Material – 6463-T5 Extruded Aluminium.



Clear rigid polycarbonate. Discreet coving for use on bath screens.



Coving 3	Coving 4
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Extruded aluminium. Fixed to base to form seal with bottom door seal.



Clear rigid polycarbonate.



Sliding Door

Flexible – Also available as a corner cubicle

