

BLITZ GLASS

**Hardware
Spigots &
Stand Offs**



www.blitzglass.com.au



(07) 5493 9779

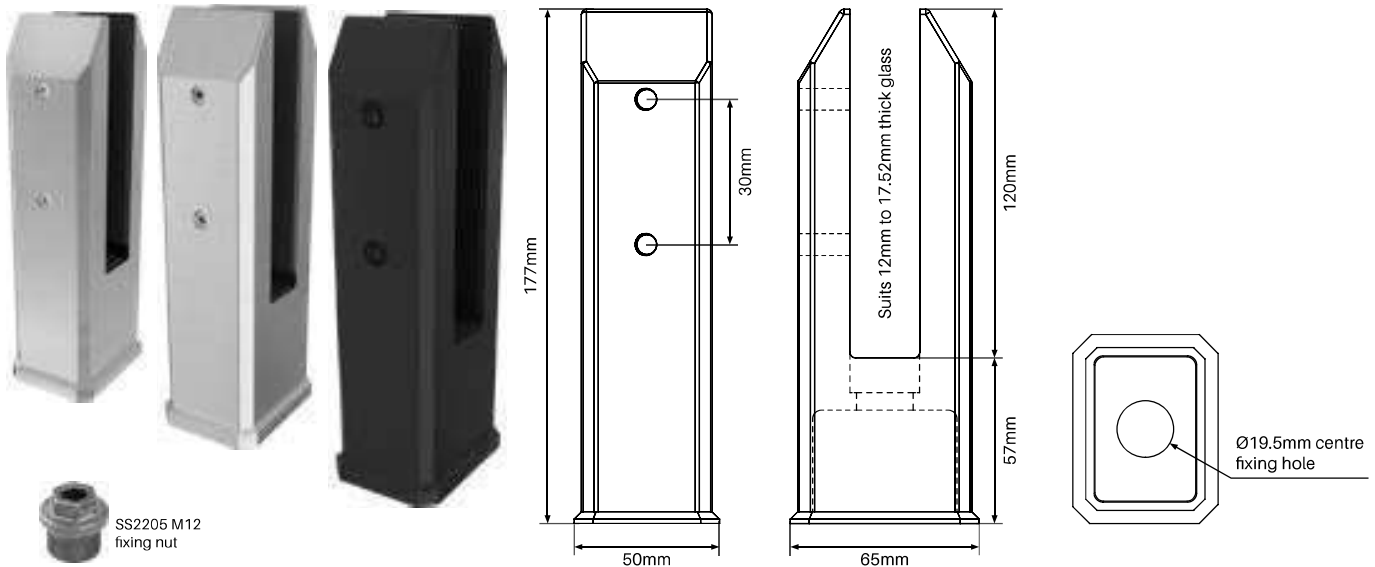


admin@blitzglass.com.au



MADRID DELUXE TOP FIX SS2205

Single central hidden fixing ideal for narrow beams or slab installations



Madrid Deluxe top fix clamp

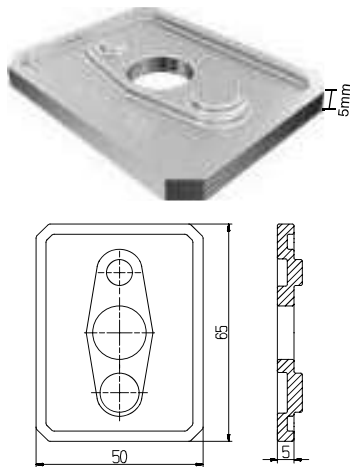
Polish, satin or matt black finish

Order Code: **MADDEL-TF-P (Polish)**

MADDEL-TF-S (Satin)

MADDEL-TF-B (Black)

- Stainless Steel 2205 spigot in polish, satin or matt black finish
- Top fix spigot installed with single central M12 fixing and specially machined nut
- Single central fixing ideal for narrow/PFC beams and slab installations
- No large core holes, or domical covers required
- 45mm front slimline profile x 65mm depth
- Suits 12mm up to 17.52mm glass
- Friction fit glass installation with recessed friction packer - no holes in glass required
- 120mm depth spigot mouth provides extra clamping strength and rigidity
- Internal packers included for glass panel alignment and tilt adjustment
- 5mm thick SS2205 height adjustment packer for uneven surfaces available in polish, satin and matt black finish (sold separately)



5mm height adjustment packer

Order Code: **MADDEL-TFPKR-P**
MADDEL-TFPKR-S
MADDEL-TFPKR-B

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



115mm lag screw

M12 thread - SS304
Order Code: **GS115LAG**



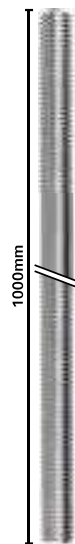
160mm lag screw

M12 thread - SS304
Order Code: **GS160LAG**



120mm threaded rod

M12 thread - SS304
Order Code: **GS120ROD**

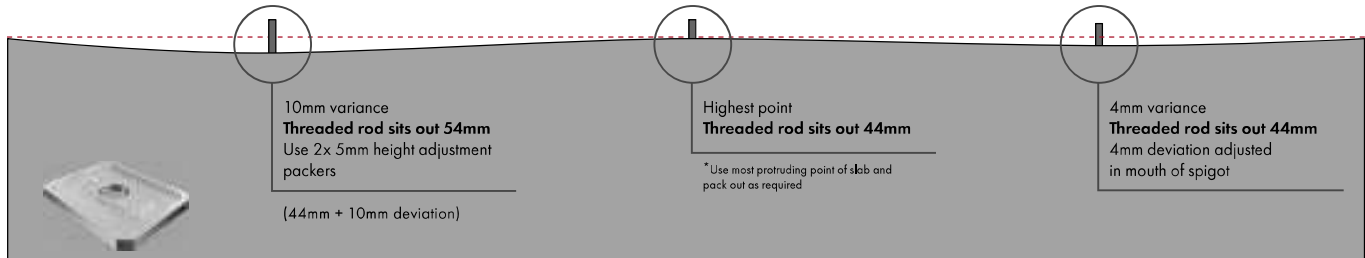


1000mm threaded rod

M12 thread - SS304
Order Code: **GS1000ROD**

MADRID TOP FIX CONCRETE 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 floor level. Refer to below example for further information.



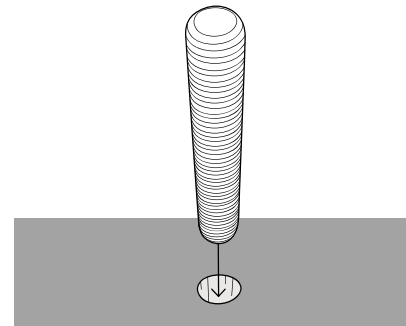
HEIGHT ADJUSTMENT GUIDE

For larger floor variances, continue same methodology

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
15.1mm – 20mm	Use 3x 5mm stainless packer and adjust glass with packers in mouth of spigot
20.1mm – 25mm	Use 4x 5mm stainless packer and adjust glass with packers in mouth of spigot

- 1 Drill 1x 14mm hole in concrete slab where spigot will be installed. Insert M12 threaded rod into the hole and ensure rod is protruding from the slab 44mm (or as required subject to diagram above). Chemically anchor rods into place.

Soudafix CA1400
Chemical anchor 280ml
Order Code: SOUD-CA1400
Refer page 24



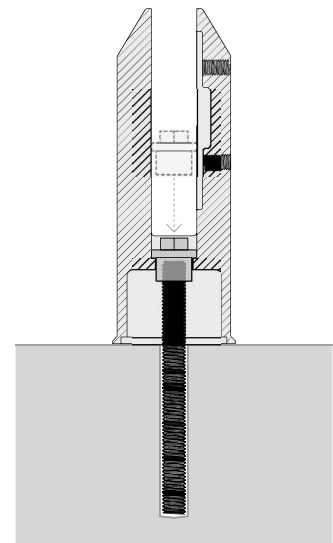
- 2 Place Madrid Top Fix Spigot down onto M12 fixing. Position machined nut into centrally located cavity in the spigot and tighten nut securely onto thread (It is always recommended to use Loctite on fixing threads). Ensure spigot is firmly and securely fastened down.

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

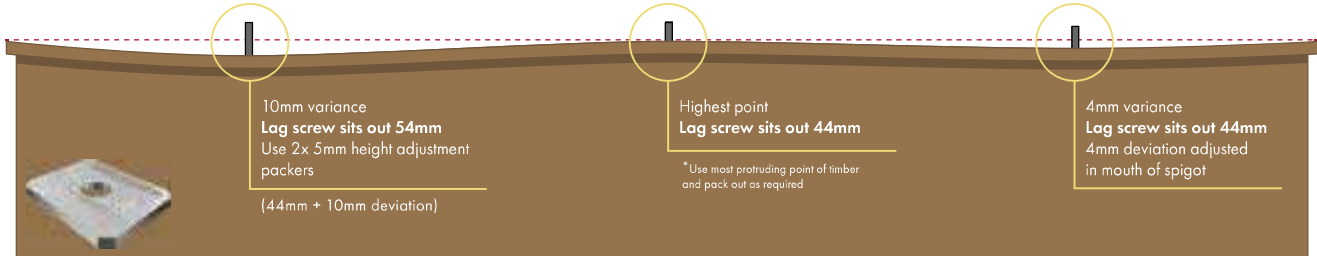


*Please consult your engineer relating to questions of concrete suitability for installations as hardness of concrete may vary. For chemical anchor, refer to the manufacturer's specification of minimum embedment of anchor and hole diameter as specifications may differ between manufacturers. We are unable to give technical advice regarding substrates.



MADRID TOP FIX TIMBER 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 floor level. Refer to below example for further information.

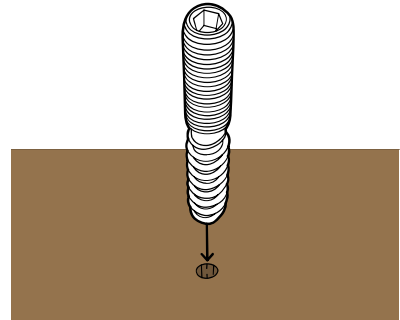


HEIGHT ADJUSTMENT GUIDE

For larger floor variances, continue same methodology

Floor variance	Adjustment required
1mm – 5mm	Adjust glass with packers in mouth of spigot <i>5mm height adjustment of glass is possible in mouth of spigot</i>
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
15.1mm – 20mm	Use 3x 5mm stainless packer and adjust glass with packers in mouth of spigot
20.1mm – 25mm	Use 4x 5mm stainless packer and adjust glass with packers in mouth of spigot

- 1 Pre-drill 1x pilot hole into timber where spigot will be installed. Drive M12 lag screw into pilot hole and ensure thread is protruding 44mm from timber (or as required subject to diagram above).

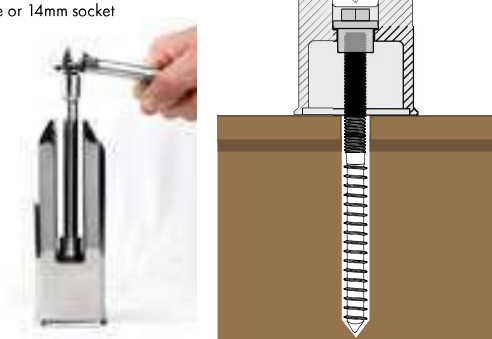


- 2 Place Madrid Top Fix Spigot down onto M12 fixing. Position machined nut into centrally located cavity in the spigot and tighten nut securely onto thread (It is always recommended to use Loctite on fixing nut thread) Ensure spigot is firmly and securely fastened down.

Important!

Fixing nut suits 8mm hex drive or 14mm socket

Trade tip!
Tilt adjustment and side to side adjustment packers are included with each spigot to assist in installation

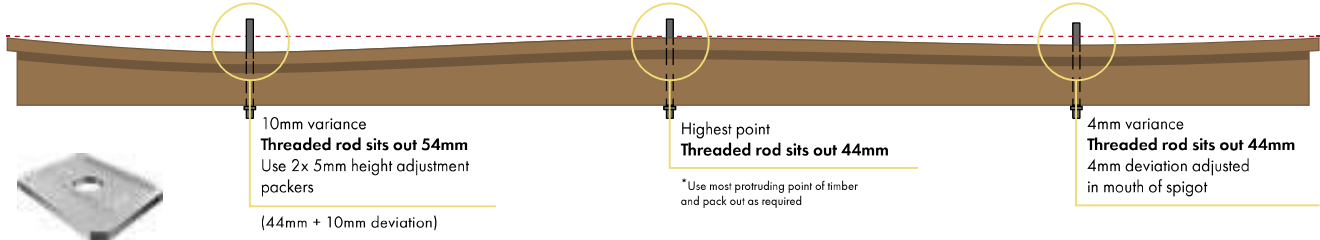


*Please consult your engineer regarding suitability and structural integrity of timber, steel or other beam/substrate. Timber hardness and strength varies and as each installation situation is different we are unable to provide technical advice regarding suitability of substrate.



MADRID TOP FIX JOIST/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 floor level. Refer to below example for further information.

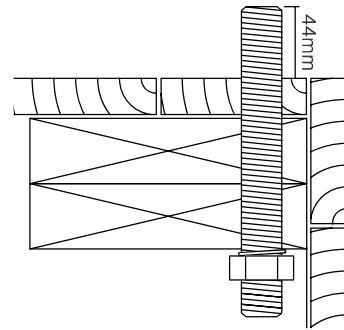


HEIGHT ADJUSTMENT GUIDE

For larger floor variances, continue same methodology

Floor variance	Adjustment required
1mm – 5mm	Adjust glass with packers in mouth of spigot <i>5mm height adjustment of glass is possible in mouth of spigot</i>
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
15.1mm – 20mm	Use 3x 5mm stainless packer and adjust glass with packers in mouth of spigot
20.1mm – 25mm	Use 4x 5mm stainless packer and adjust glass with packers in mouth of spigot

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



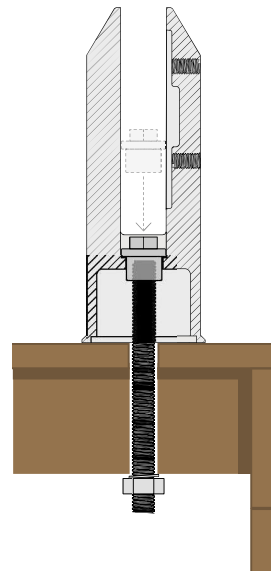
- Place Madrid Top Fix Spigot down onto M12 fixing. Position machined nut into centrally located cavity in the spigot and tighten nut securely onto thread (It is always recommended to use Loctite on fixing nut thread). Ensure spigot is firmly and securely fastened down.

Trade tip!

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

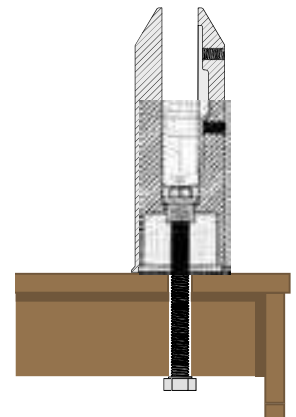
Important!

Fixing nut suits 8mm hex drive or 14mm socket



Alternative install method

Contact us for full install guide



*Please consult your engineer regarding suitability and structural integrity of timber, steel or other beam/substrate. Timber hardness and strength varies and as each installation situation is different we are unable to provide technical advice regarding suitability of substrate.



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 12mm thick glass with a heavy duty 12mm M12 thread, our glass standoffs are ideally suited to any project.

Adjustable body length

23-40mm

Recommended glass hole size

Ø20-22mm



unscrew to adjust
standoff body
length adjustable
from 23-40mm



Ø38mm x
12mm thick
cap & Ø38mm
body



Ø50mm x
12mm thick
cap & Ø50mm
body

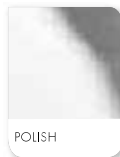
ADJUSTABLE

Ø38mm standoff with adjustable body

SS316

Polish or satin finish

Order Code: **GS38P-A (Polish)**
GS38S-A (Satin)



- Ideal for fixing to uneven surfaces
- Maximum strength – entire standoff affixed to M12 threaded rod or lag screw
- Visually pleasing – adjustable section fits internal of body
- Kit includes: cap, body, 2x plastic washers & 1x bush

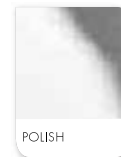
ADJUSTABLE

Ø50mm standoff with adjustable body

SS316

Polish or satin finish

Order Code: **GS50P-A (Polish)**
GS50S-A (Satin)



- Ideal for fixing to uneven surfaces
- Maximum strength – entire standoff affixed to M12 threaded rod or lag screw
- Visually pleasing – adjustable section fits internal of body
- Kit includes: cap, body, 2x plastic washers & 1x bush



Ø 38 MM GLASS STANDOFFS

About our Ø38mm standoffs range

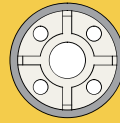
- Heavy duty M12 threaded screw
- M12 threaded through the entire standoff body allows single M12 fixing for body and cap
- Precision machining on cap with bevelled edge
- Suits 12mm thick glass
- Kit includes: cap, body, 2x plastic washers & 1x bush (fixing rod sold separately)
- Additional washers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

Standoff diameter

Ø38mm

Recommended glass hole size

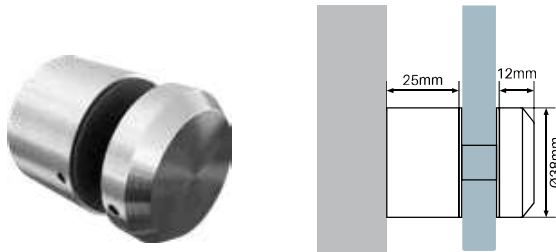
Ø20mm



Standoff back view

4x Ø5mm holes | M12 centre thread

** Excludes white standoff body, which is solid



Ø38mm x 25mm body standoff

SS2205

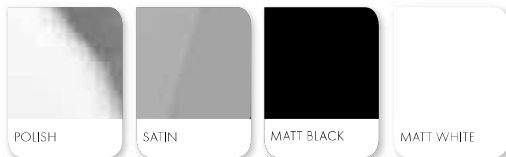
Polish, satin, matt black or matt white finish

Order Code: GS3825P (Polish)

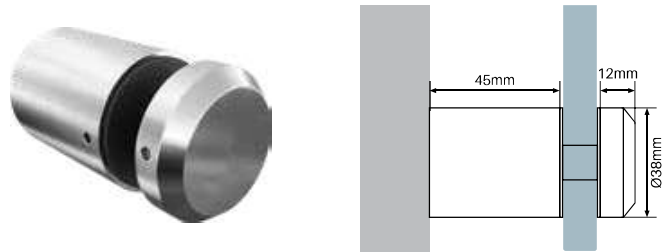
GS3825S (Satin)

GS3825B (Matt black)

GS3825MW (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)

GS3845MW (Matt white)



** Matt white standoffs made from solid aluminium





Ø 50 MM GLASS STANDOFFS

About our Ø50mm standoffs range

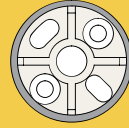
- Heavy duty M12 threaded screw
- M12 threaded through the entire standoff body allows single M12 fixing for body and cap
- Precision machining on cap with bevelled edge
- Additional fixing holes in body for extra rigidity if required
- Suits 12mm thick glass
- Kit includes: cap, body, 2x plastic washers 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

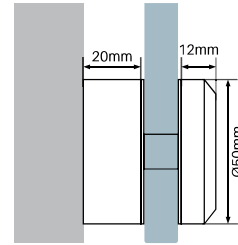
SS2205

Polish, satin or matt black finish

Order Code: GS5020P (Polish)

GS5020S (Satin)

GS5020B (Matt black)



Ø50mm x 30mm body standoff

SS2205

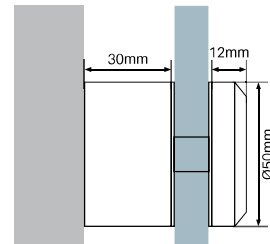
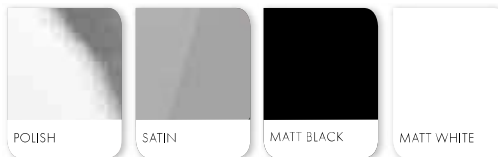
Polish, satin, matt black or matt white finish

Order Code: GS5030P (Polish)

GS5030S (Satin)

GS5030B (Matt black)

GS5030MW (Matt white)



** Matt white standoffs made from solid aluminium



Ø50mm x 50mm body standoff

SS2205

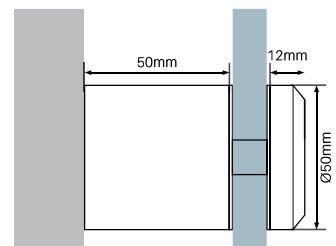
Polish, satin, matt black or matt white finish

Order Code: GS5050P (Polish)

GS5050S (Satin)

GS5050B (Matt black)

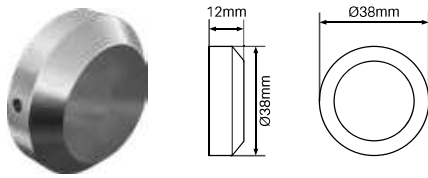
GS5050MW (Matt White)



** Matt white standoffs made from solid aluminium



GLASS STANDOFF ACCESSORIES



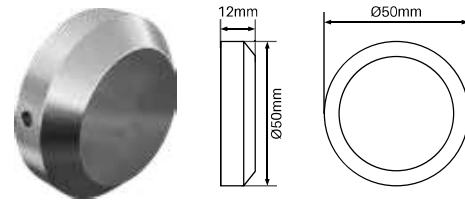
Ø38mm flat cap (cap only)

SS316

Polish or satin finish

Order Code: GS38CAP-P (Polish)
GS38CAP-S (Satin)

- Ø38mm cap – M12 thread
- Suits all 38mm body standoffs in our range
- 12mm thick with bevelled edge



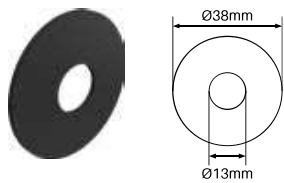
Ø50mm flat cap (cap only)

SS316

Polish or satin finish

Order Code: GS50CAP-P (Polish)
GS50CAP-S (Satin)

- Ø50mm cap – M12 thread
- Suits all 50mm body standoffs in our range
- 12mm thick with bevelled edge



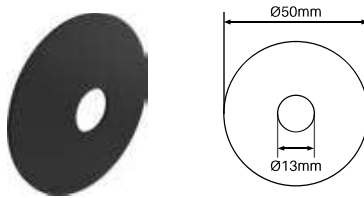
Ø38mm nylon washer

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



Ø50mm nylon washer

Black or white nylon

Order Code: GS50W (Black)

GS50W-WHITE (White)

- Allows for packing out from wall
- Suits all Ø50mm body standoffs in our range
- UV stabilised black plastic – 1mm thick



Standoff tool

SS316

Order Code: GSTOOL

- Tighten or loosen Ø38mm & Ø50mm standoffs

A versatile tool that allows for easy installation of 38mm and 50mm diameter standoffs. Simply rotate the tool to suit the standoff diameter size.

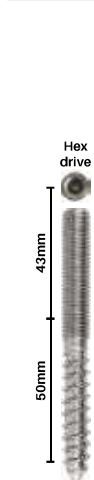


M12 dome nut

PACK OF 4 – SS316

Black or Silver finish

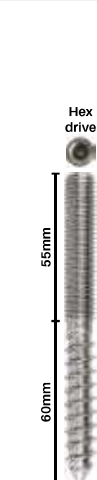
Order Code: GS-DN-4PK (Silver) • 4x dome nuts & 4x split washers
GS-DN-4PK-B (Black)



93mm lag screw

SS304

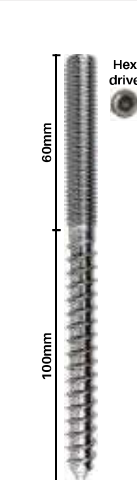
M12 thread
Order Code: GS093LAG



115mm lag screw

SS304

M12 thread
Order Code: GS115LAG



160mm lag screw

SS304

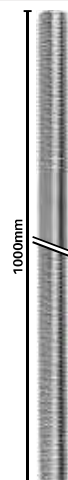
M12 thread
Order Code: GS160LAG



120mm threaded rod

SS304

M12 thread
Order Code: GS120ROD



1000mm threaded rod

SS304

M12 thread
Order Code: GS1000ROD



Soudafix CA1400 Chemical anchor

280mL

Order Code: SOUD-CA1400

- High performance, two-component chemical anchoring resin for the pressure-free securing of anchoring rods, studs, treaded collars etc
- Easy to use and apply
- Fast cure (20°C=45min full cure; 30°C=25min full cure)
- Vinyl ester styrene free
- Can be used in damp concrete
- Apply with standard caulking gun