







JURALCO FRAMELESS COMMERCIAL HARDWARE


ISSUE 9-23 v2

Juralco Frameless Commercial Hardware

Juralco Aluminium Building Products Ltd designs and distributes specialist aluminium joinery systems through a national network of franchised fabricators and agents. For more than 25 years we have been at the forefront of specialist aluminium door and window products suitable for New Zealand joinery and building methods. Our comprehensive product range includes security and insect screens, balustrades and gates, shutters and awnings, shower screens, wardrobe doors and organisers and internal doors. The Juralco Frameless Commercial Hardware range has a proven track record over many years. Available in Polished or Satin Stainless Steel finishes and Dulux Powdercoats in a variety of configurations to suit the most demanding needs.

- Hydraulic Patch Fittings, Hinges, Locks and Lock Keepers. Floor Springs 
- Lever Locks and Latch Sets 
- Pull Handles 
- Door Seals and Components 
- PVC Wedges 
- Glazing Channel Sections and Channels 



Heading	Pages	Description.	Use the Bookmarks  List to jump to selected pages
Patch Fittings 10mm - 12mm Toughened Glass	3 - 7	PF Series Patch Fittings. Top and Bottom types	
	8 - 11	Glass Cutouts for all above PF Series Patch Fittings. Fully dimensioned.	
Patch Fittings 15mm - 19mm Toughened Glass	12 - 13	XL Series Patch Fittings. Top and Bottom types	
	14 - 15	Glass Cutouts for all above Patch Fittings. Fully dimensioned.	
Floor Springs	16 - 20	Floor Springs. Recessed and Surface mount. Details incl Installation	
	21	Glass Cutouts for all above Floor Springs Fully dimensioned..	
Hardware	22 - 23	Glass Hardware accessories and PF Cover Plates	
Cover Plates	24 - 25	Glass Hardware accessories and PF Cover Plates	
Lock Sets	26	Lever and Latch Lock sets	
	27	Glass Cutouts for all above Lever and Lock sets. Fully dimensioned.	
Pull Handles	28	Pull Handles	
	29	Glass Cutouts for all above Pull Handles. Fully dimensioned.	
Glass Order Pages	30- 37	Typical Glass Door Panel Order Pages for 10mm-12mm (p30-33) and 15mm - 19mm (p34-37)	
Misc Components	38	Door Seal components	
	39	PVC wedges	
	40	JA Channels and End Caps	
	41- 43	Glazing Channel Sections	
General, Setting block	44	General Explanation of system	
Glass Care	45	Care and Maintenance of Glass surfaces	

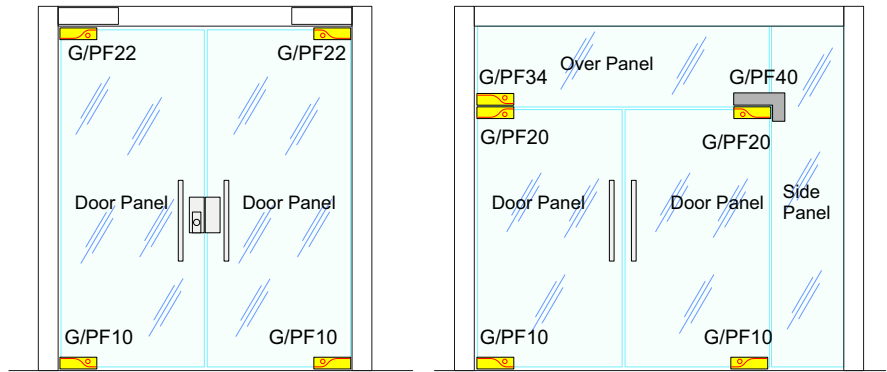
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Juralco Frameless Commercial Hardware - Components, Layouts 10mm and 12mm Toughened Glass

PF SERIES PATCH FITTINGS

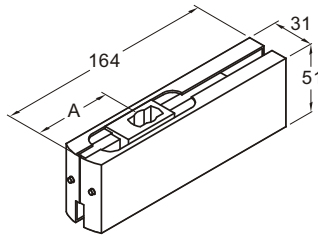
Notes:
Max Door Weight 100kg
Max Door Width 1100mm
For 10 - 12mm Toughened Safety Glass
'A' Dimension 65mm and 70mm

Finishes to choose from,
SSS - Satin Stainless Steel
PSS - Polished Stainless Steel
SCC - Powder coat. Dulux Duralloy range

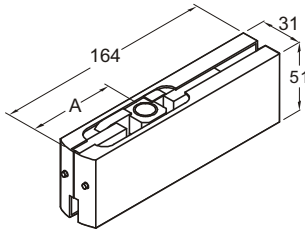


At Floor - Floor springs or Std Floor Pivot G/P26

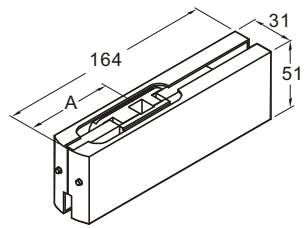
Bottom Patch Fitting
Part No G/PF10/SSS
Part No G/PF10/PSS
Part No G/PF10/SCC



Top Patch Fitting
Part No G/PF20/SSS
Part No G/PF20/PSS
Part No G/PF20/SCC

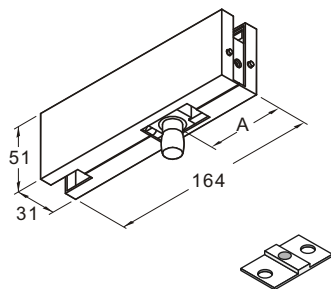


Top Patch Fitting
Part No G/PF22/SSS
Part No G/PF22/PSS
Part No G/PF22/SCC



For Overhead Transom Closer

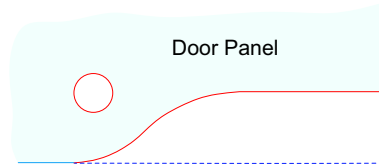
Overpanel to Wall Patch Fitting
Part No G/PF34/SSS
Part No G/PF34/PSS
Part No G/PF34/SCC



Includes G/PF34/Backplate

Dimensioned Cutouts on PF Cutout pages

Glass Panel Cut Outs

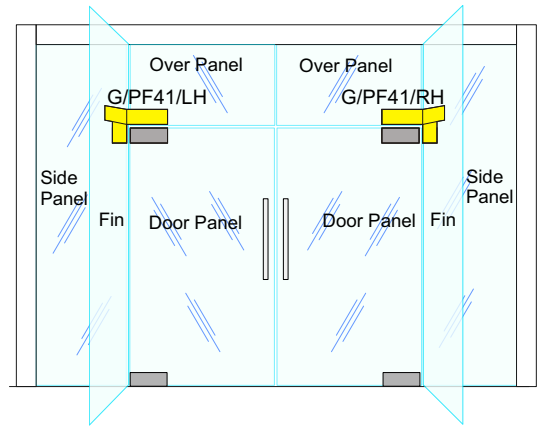
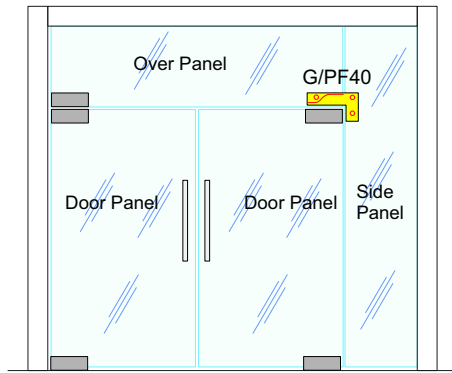


Juralco Frameless Commercial Hardware - Components, Layouts 10mm and 12mm Toughened Glass

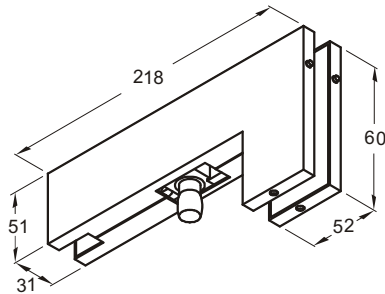
PF SERIES PATCH FITTINGS

Notes:
Max Door Weight 100kg
Max Door Width 1100mm
For 10 - 12mm Toughened Glass

Finishes to choose from,
SSS - Satin Stainless Steel
PSS - Polished Stainless Steel
SCC - Powder coat. Dulux Duralloy range

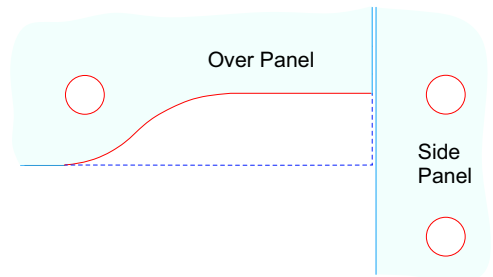


Overpanel to Side Panel Patch Fitting
Part No G/PF40/SSS
Part No G/PF40/PSS
Part No G/PF40/SCC

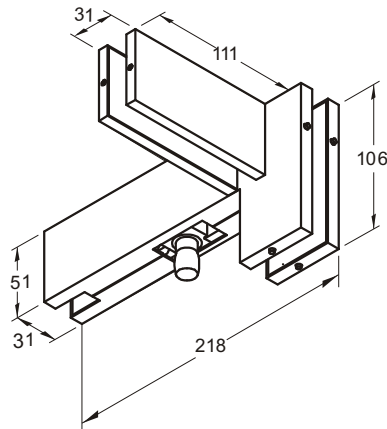


Dimensioned Cutouts on PF Cutout pages

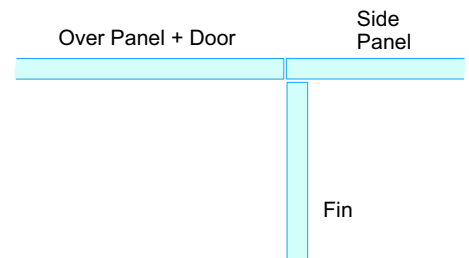
Glass Panel Cut Outs



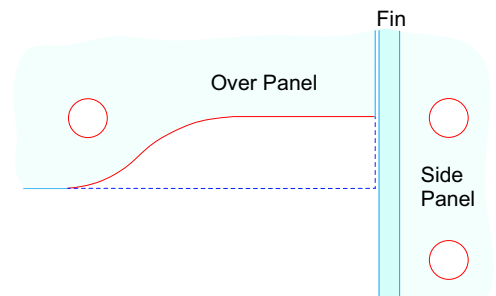
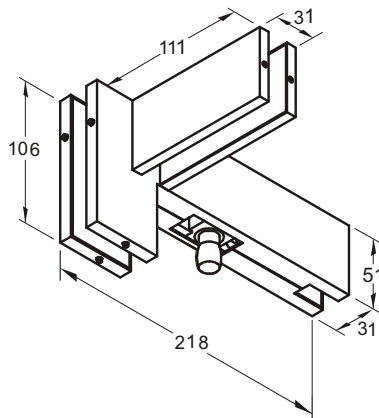
Overpanel to Side Panel
+ Fin, LH Patch Fitting
Part No G/PF41LH/SSS
Part No G/PF41LH/PSS
Part No G/PF41LH/SCC



Glass Panel Cut Outs



Overpanel to Side Panel
+ Fin, RH Patch Fitting
Part No G/PF41RH/SSS
Part No G/PF41RH/PSS
Part No G/PF41RH/SCC



JURALCO

www.juralco.co.nz ph (09) 478 8018

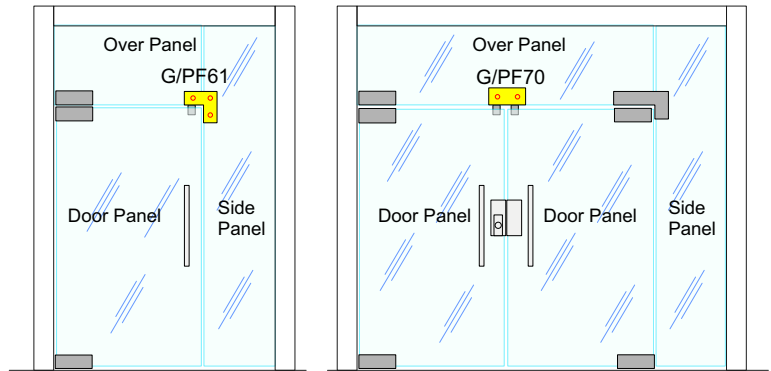
Juralco Frameless Commercial Hardware

Issue 9-23 v2
Page 4

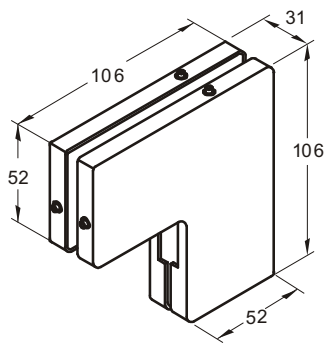
Juralco Frameless Commercial Hardware - Components, Layouts 10mm and 12mm Toughened Glass

PF SERIES PATCH FITTINGS + Built in Door Stops

Finishes to choose from,
SSS - Satin Stainless Steel
PSS - Polished Stainless Steel
SCC - Powder coat. Dulux Duralloy range



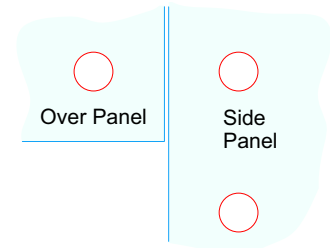
Overpanel to Side Panel Patch Fitting
Part No G/PF61/SSS
Part No G/PF61/PSS
Part No G/PF61/SCC



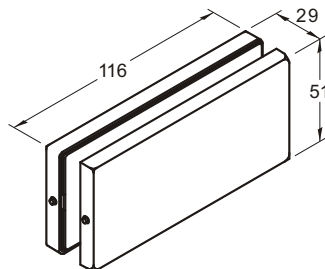
Includes Single Door Stop Insert G/PFIS61

Dimensioned Cutouts on PF Cutout pages

Glass Panel Cut Outs

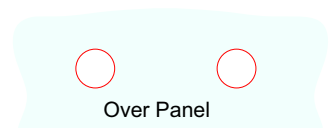


Overpanel Patch Fitting
Part No G/PF70/SSS
Part No G/PF70/PSS
Part No G/PF70/SCC



Includes Double Door Stop Inserts G/PFIS61

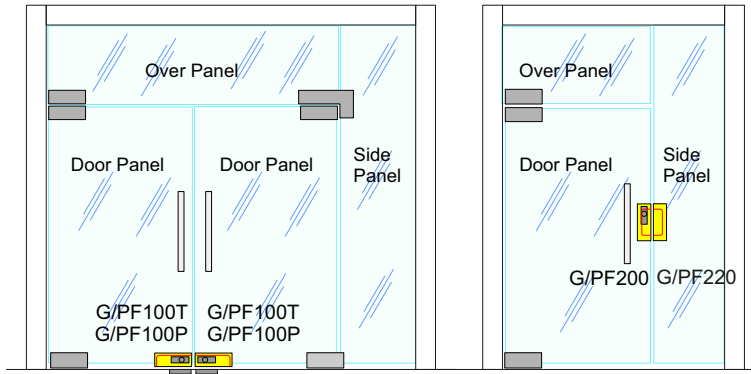
Glass Panel Cut Outs



Juralco Frameless Commercial Hardware - Components, Layouts 10mm and 12mm Toughened Glass

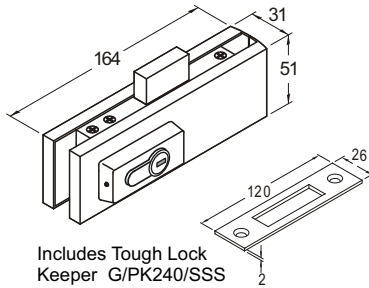
PF SERIES PATCH LOCKS

Finishes to choose from,
SSS - Satin Stainless Steel
PSS - Polished Stainless Steel (not for G/PF100P)
SCC - Powder coat. Dulux Duralloy range



At Floor - Tough Lock Keeper G/PK240/SSS
or Pin Lock Keeper G/PK250/SSS or G/PK260/SSS

Bottom Patch Tough Lock
Part No G/PF100T/SSS
Part No G/PF100T/PSS
Part No G/PF100T/SCC

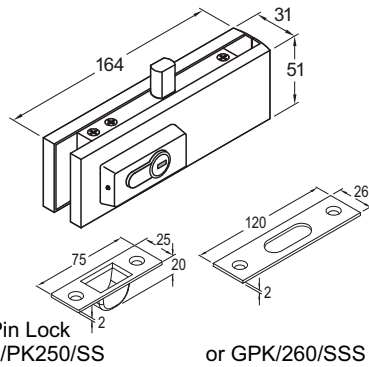


Dimensioned Cutouts on PF Cutout pages

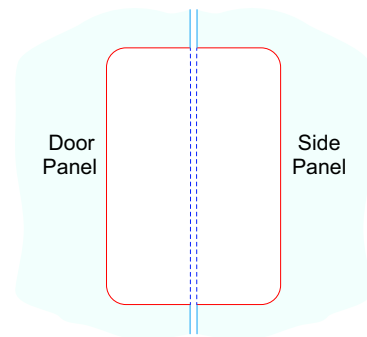
Glass Panel Cut Out



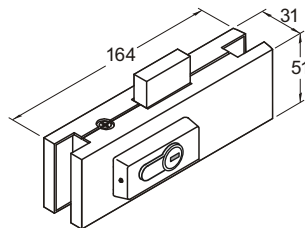
Bottom Patch Pin Lock
Part No G/PF100P/SSS
Part No G/PF100P/PSS
Part No G/PF100P/SCC



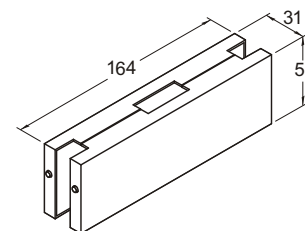
Glass Panel Cut Out



Centre Patch Lock
Part No G/PF200/SSS
Part No G/PF200/PSS
Part No G/PF200/SCC

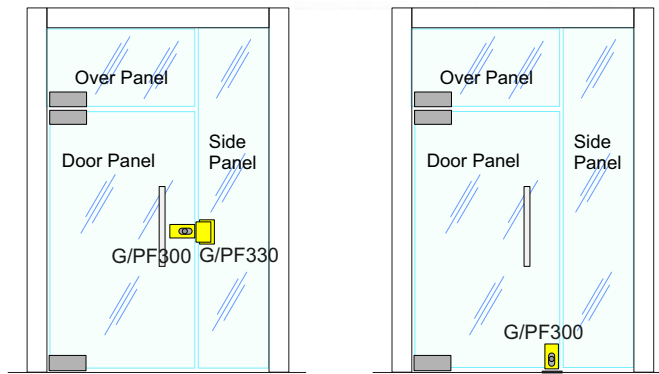


Centre Patch Lock Keeper
Part No G/PF220/SSS
Part No G/PF220/PSS
Part No G/PF220/SCC



Juralco Frameless Commercial Hardware - Components, Layouts 10mm and 12mm Toughened Glass

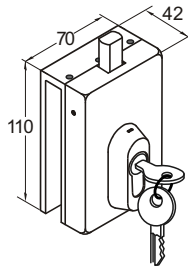
PF SERIES PATCH LOCKS



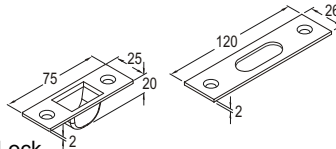
Slide on Patch Lock
Part No G/PF300/SSS



Suitable for 10mm or 12mm Glass
Complete with Single sided
keyed Cylinder G/HC01/SSS

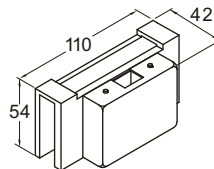


NO Glass Panel Cut Out



Includes Pin Lock
Keeper G/PK250/SS or G/PK260/SSS

Slide on Patch Lock Keeper
Part No G/PF330/SSS



NO Glass Panel Cut Out

Juralco Frameless Commercial Hardware

PF Series Glass Cut outs - 1/2 Full size. 10mm and 12mm Toughened Glass

Applies to

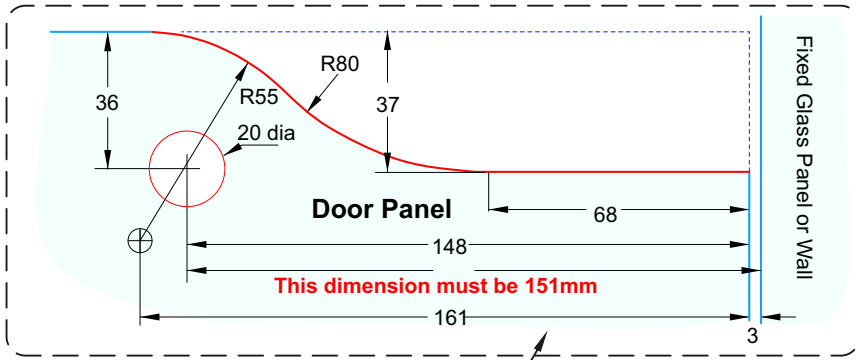
Bottom Patch Fitting
Part No G/PF10.....

and Top Patch Fitting
Part No G/PF20.....

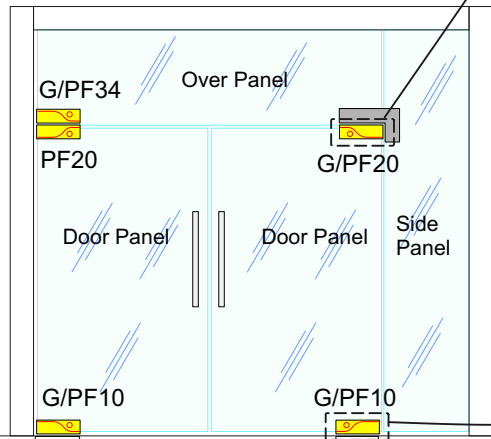
and Top Patch Fitting
Part No G/PF22.....

and Overpanel to
Wall Patch Fitting
Part No G/PF34.....

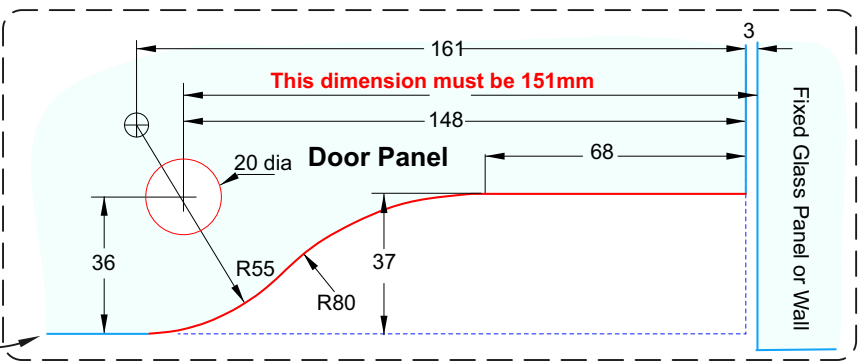
Important note:
The Dimension shown
must be 151mm.
If the centre Gap is different the
cutouts must be adjusted



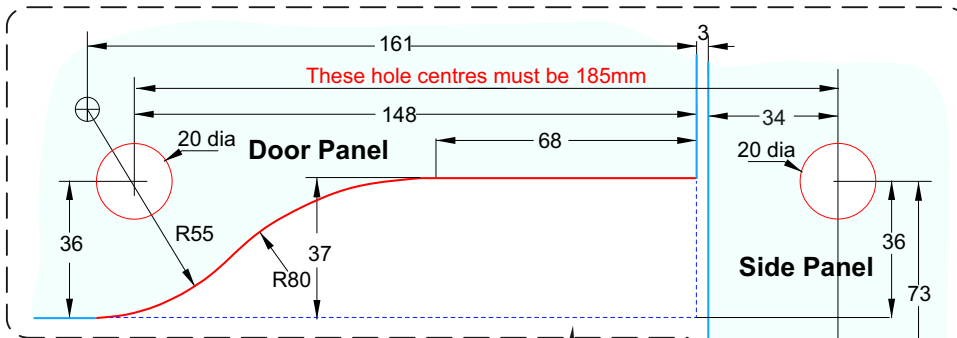
This Configuration shown



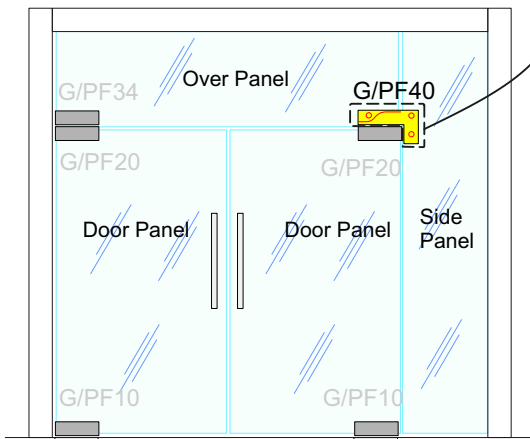
At Floor - Floor springs or Std Floor Pivot G/P26



This Configuration shown



This Configuration shown



At Floor - Floor springs or Std Floor Pivot G/P26

Applies to

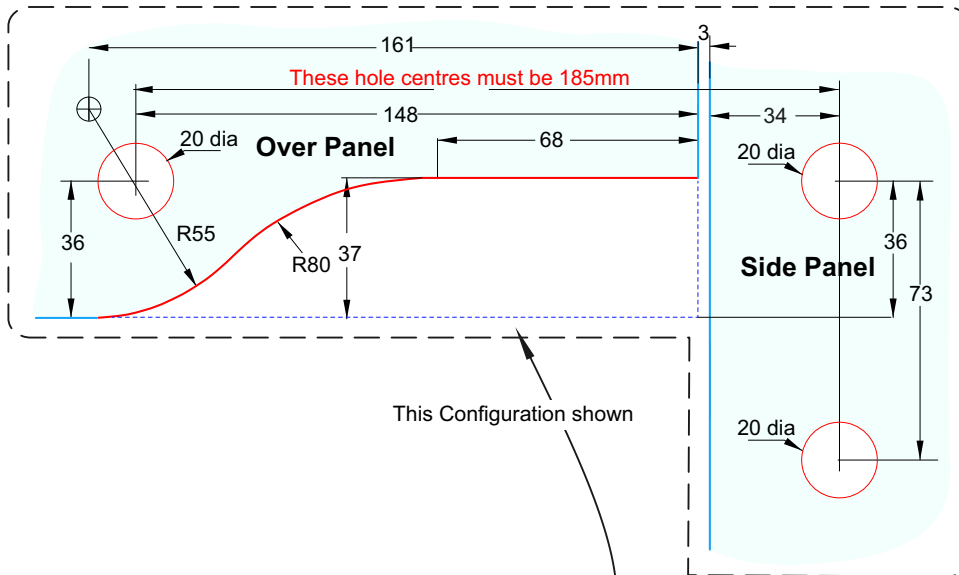
Overpanel to Side
Panel Patch Fitting
Part No G/PF40.....

Important note:
The Hole centres shown
must be 185mm.
If the centre Gap is different the
cutouts must be adjusted

There must be a 5mm Gap between Door Glass Panels

Juralco Frameless Commercial Hardware

PF Series Glass Cut outs - 1/2 Full size. 10mm and 12mm Toughened Glass



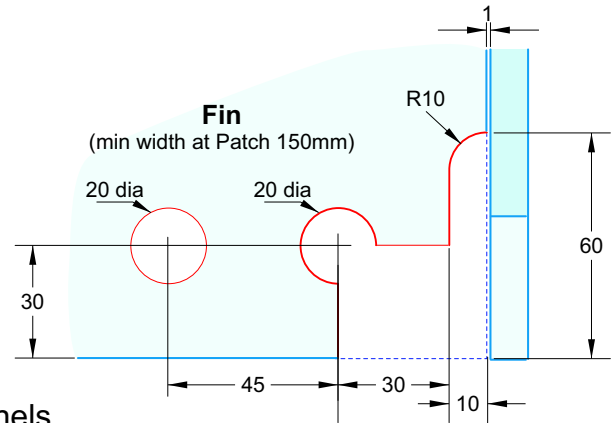
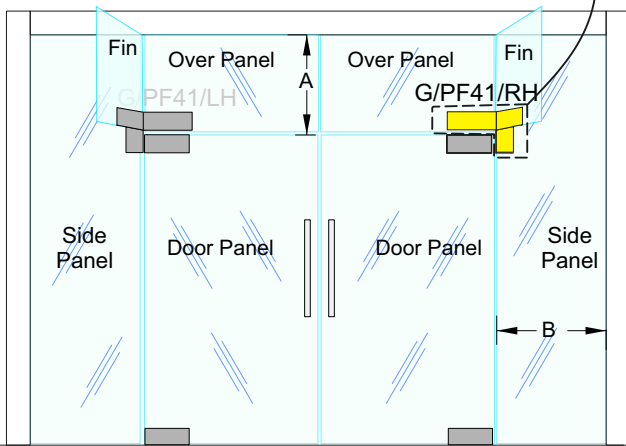
Applies to
 Overpanel to Side Panel and Fin, Patch Fitting Part No G/PF41RH.....

Important note:
 The Hole centres shown must be 185mm. If the centre Gap is different the cutouts must be adjusted

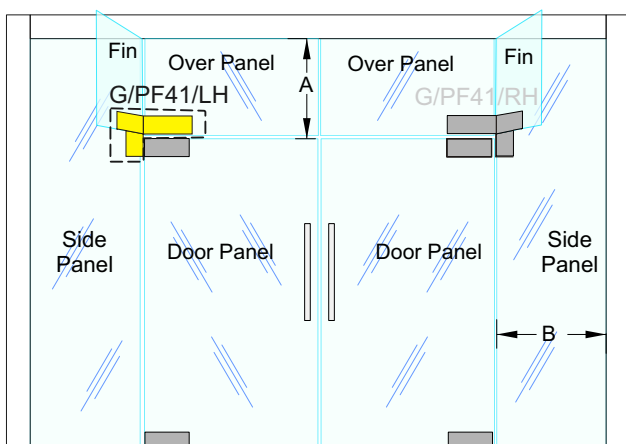
FIN requirements.
Important note for 10mm Glass:
 As a guide when Dimensions A+B are greater than 1200mm a Support Fin is required. Fin not required if either A or B less than 400mm.

Important note for 12mm Glass:
 As a guide when Dimensions A+B are greater than 1500mm a Support Fin is required. Fin not required if either A or B less than 500mm.

This Configuration shown



There must be a 5mm Gap between Door Glass Panels

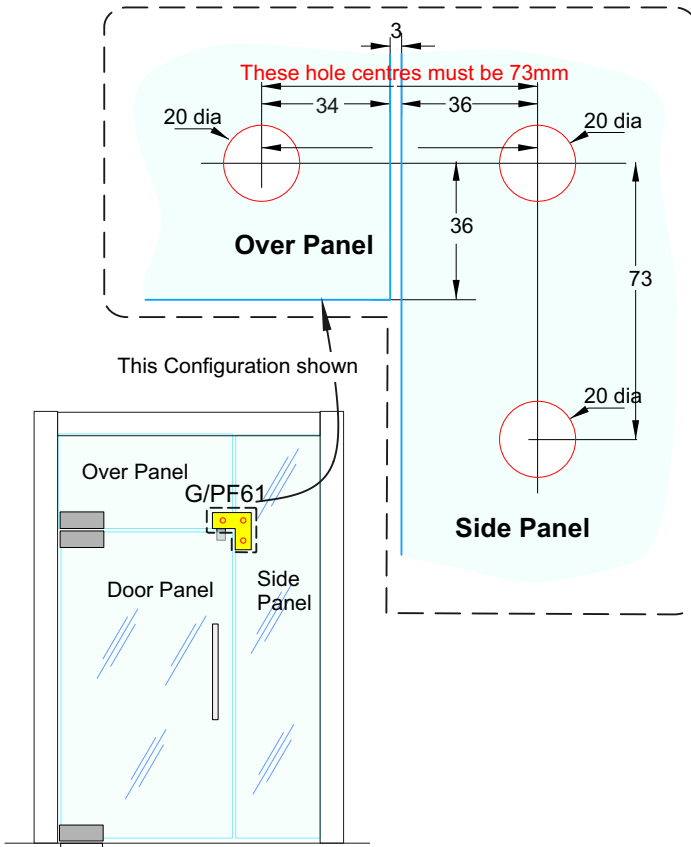


Applies to
 Overpanel to Side Panel and Fin, Patch Fitting Part No G/PF41LH.....

The LH Cutouts are the exact Mirror of RH above. Notes as above.

There must be a 5mm Gap between Door Glass Panels

Juralco Frameless Commercial Hardware
PF Series Glass Cut outs - 1/2 Full size. 10mm and 12mm Toughened Glass

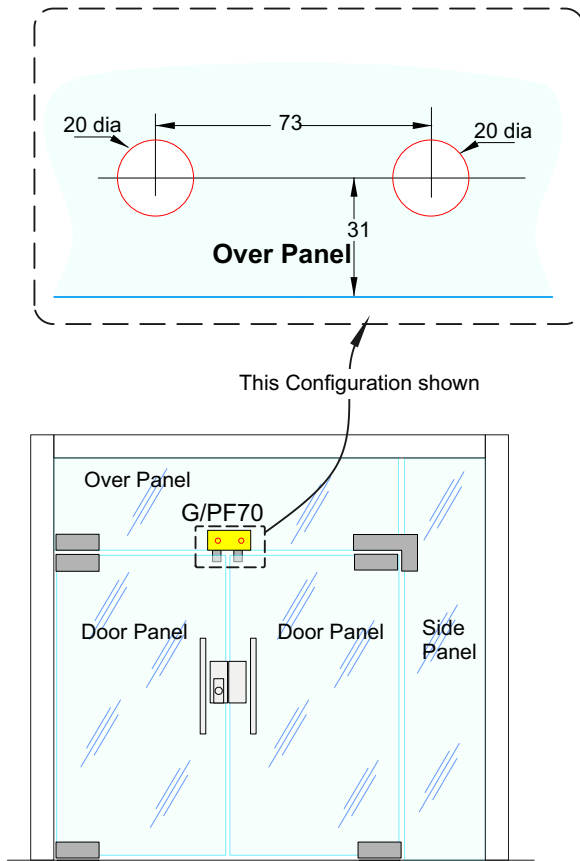


Applies to

Overpanel to Side Panel
 Patch Fitting
 Part No G/PF61.....
 With Single Door Stop Insert

Important note:
 The Hole centres shown
 must be 73mm.
 If the centre Gap is different the
 cutouts must be adjusted

There must be a 5mm Gap to Door Glass Panels

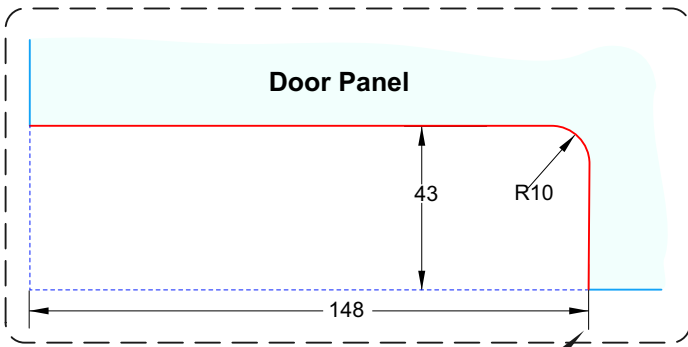


Applies to

Overpanel Patch Fitting
 Part No G/PF70.....
 With Single/Double
 Door Stop Inserts

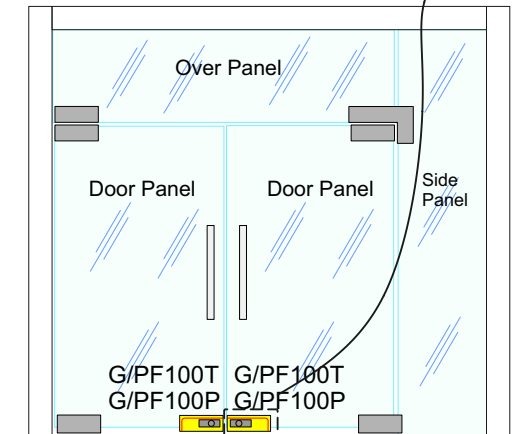
There must be a 5mm Gap between Door Glass Panels

Juralco Frameless Commercial Hardware
PF Series Glass Cut outs - 1/2 Full size. 10mm and 12mm Toughened Glass



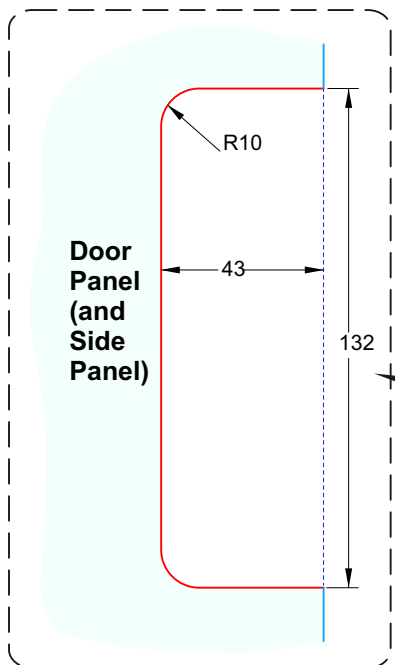
Applies to
 Bottom Patch Tough Lock
 Part No G/PF100T....
 and Bottom Patch Pin Lock
 Part No G/PF100P.....

This Configuration shown



At Floor - Tough Lock Keeper G/PK240.....
 or Pin Lock Keeper G/PK250.....

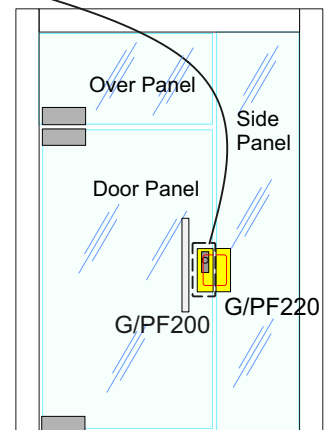
There must be a 5mm Gap between Door Glass Panels



Applies to
 Centre Patch Lock
 Part No G/PF200.....
 and Centre Patch Lock Keeper
 Part No G/PF220.....

The Side Panel Cutouts are the exact Mirror of the Door Panel cutouts

This Configuration shown

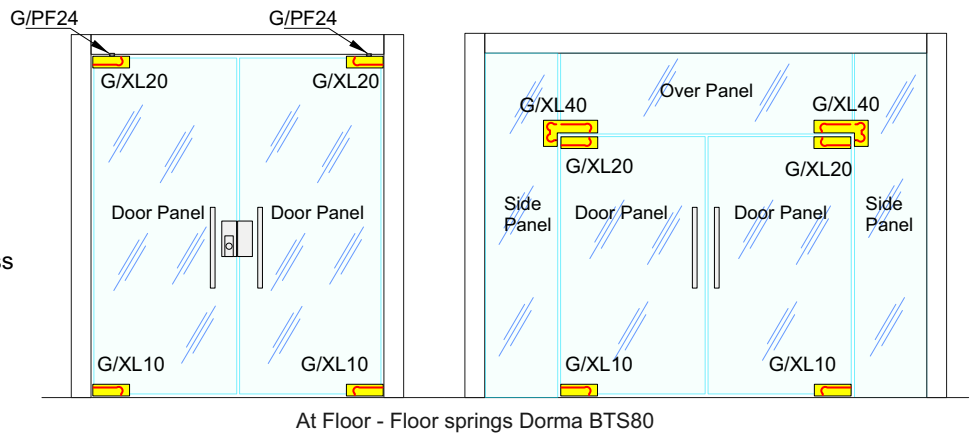


There must be a 5mm Gap to Door Glass Panels

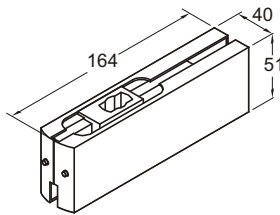
Juralco Frameless Commercial Hardware - Components, Layouts 15mm and 19mm Toughened Glass

XL SERIES PATCH FITTINGS

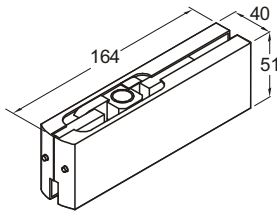
Notes:
Max Door Weight 100kg
Max Door Width 1100mm
For 15 - 19mm Toughened Glass



Bottom Patch Fitting
Part No G/XL10/SSS



Top Patch Fitting
Part No G/XL20/SSS

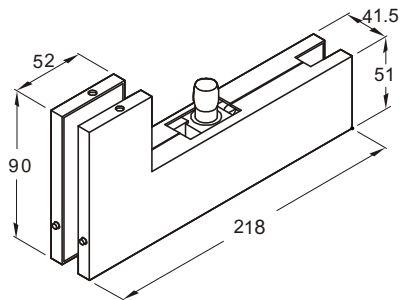


Dimensioned Cutouts on XL Cutout pages

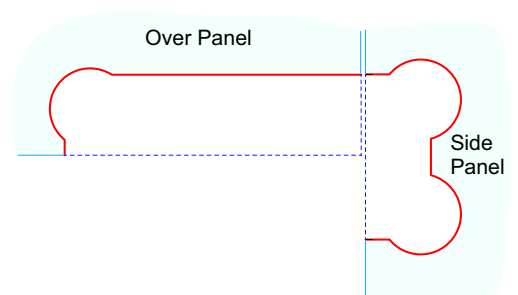
Glass Panel Cut Outs



Overpanel to Side Panel Patch Fitting
Part No G/XL40/SSS

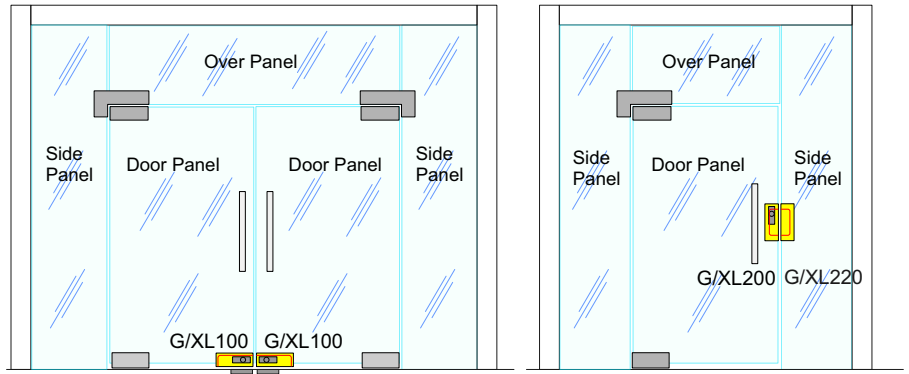


Glass Panel Cut Outs



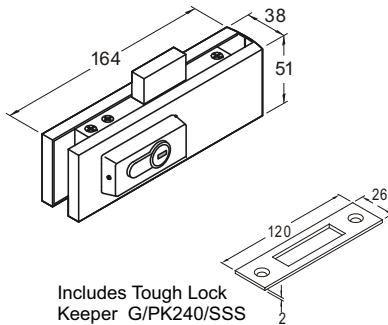
Juralco Frameless Commercial Hardware - Components, Layouts 15mm and 19mm Toughened Glass

XL SERIES PATCH LOCKS + KEEPERS



At Floor - Tough Lock Keeper G/PK240/SSS

Bottom Patch Tough Lock
Part No G/XL100/SSS



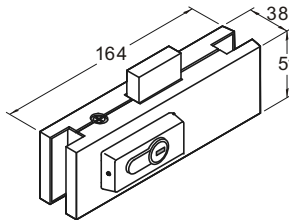
Includes Tough Lock
Keeper G/PK240/SSS

Dimensioned Cutouts on XL Cutout pages

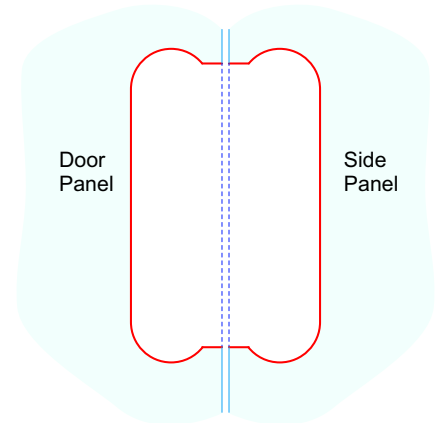
Glass Panel Cut Outs



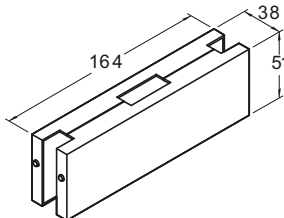
Centre Patch Lock
Part No G/XL200/SSS



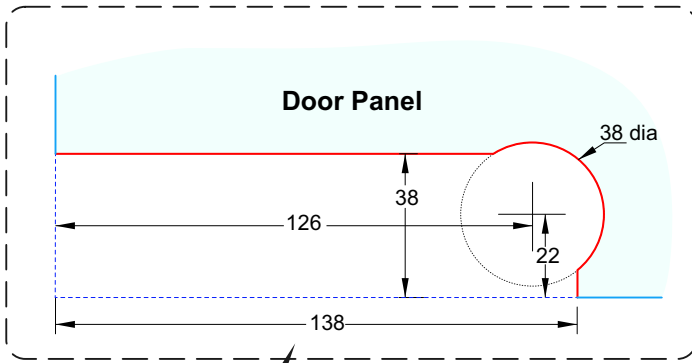
Glass Panel Cut Outs



Centre Patch Lock Keeper
Part No G/XL220/SSS



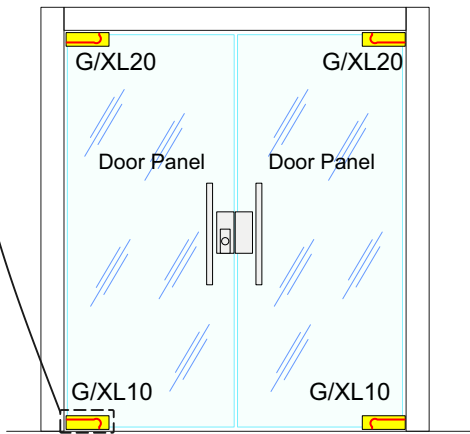
Juralco Frameless Commercial Hardware
XL Series Glass Cut outs - 1/2 Full size. 15mm and 19mm Toughened Glass



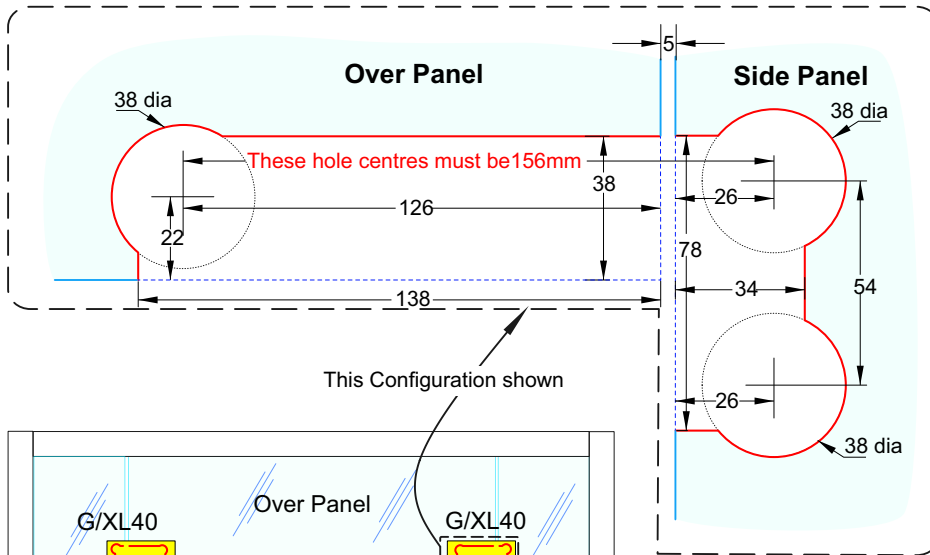
Applies to
 Bottom Patch Fitting
 Part No G/XL10

 and Top Patch Fitting
 Part No G/XL20

This Configuration shown



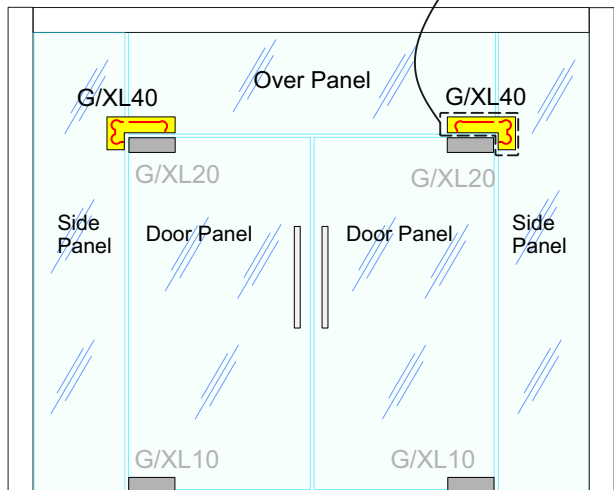
There must be a 5mm Gap between Door Glass Panels



Applies to
 Overpanel to Side Panel
 Patch Fitting
 Part No G/XL40

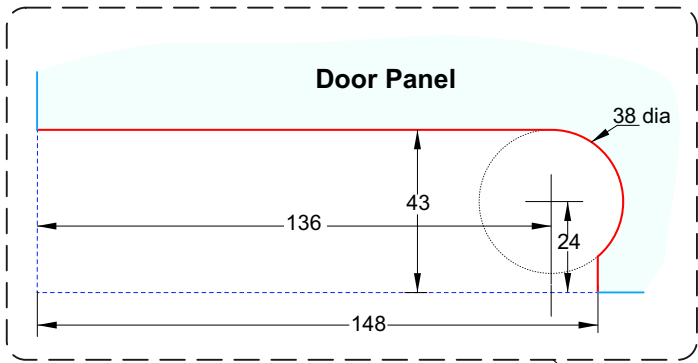
 Important note:
 The Hole centres shown
 must be 156mm.
 If the centre Gap is different the
 cutouts must be adjusted

This Configuration shown

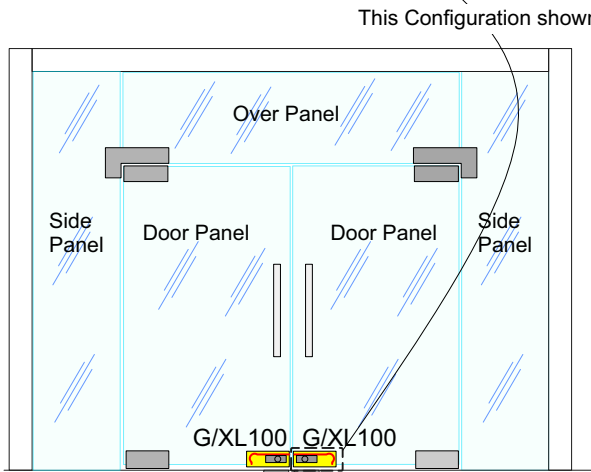


There must be a 5mm Gap between Door Glass Panels

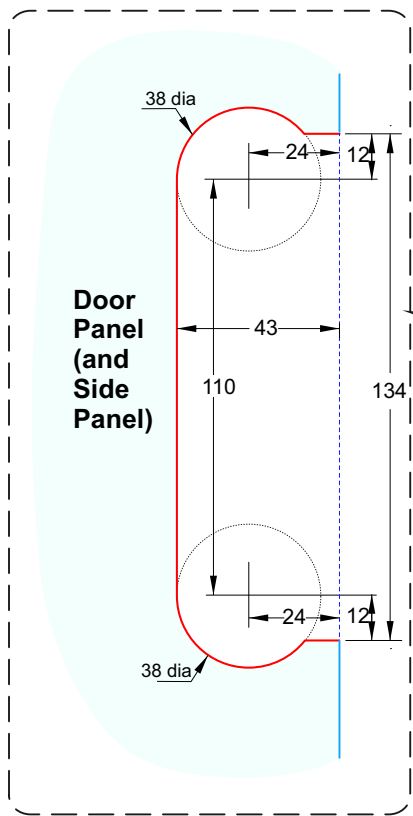
Juralco Frameless Commercial Hardware
XL Series Glass Cut outs - 1/2 Full size. 15mm and 19mm Toughened Glass



Applies to
 Bottom Lock
 Part No G/XL100

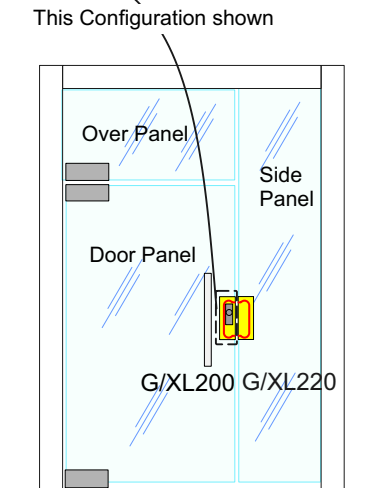


There must be a 5mm Gap between Door Glass Panels



Applies to
 Centre Lock
 Part No G/XL200
 Centre Lock Keeper
 Part No G/XL220

The Side Panel Cutouts are the exact Mirror of the Door Panel cutouts



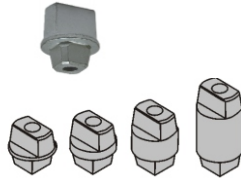
There must be a 5mm Gap to Door Glass Panels

FS SERIES Floor Spring, Recessed

Closer Type	Part No	Holds
Weak Duty	G/FSX840-W-NHO	No Hold open
Medium Duty	G/FSX840-S-HO	Hold open 90deg
Medium Duty	G/FSX840-S-NHO	No Hold open

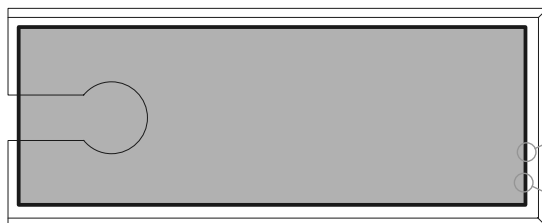
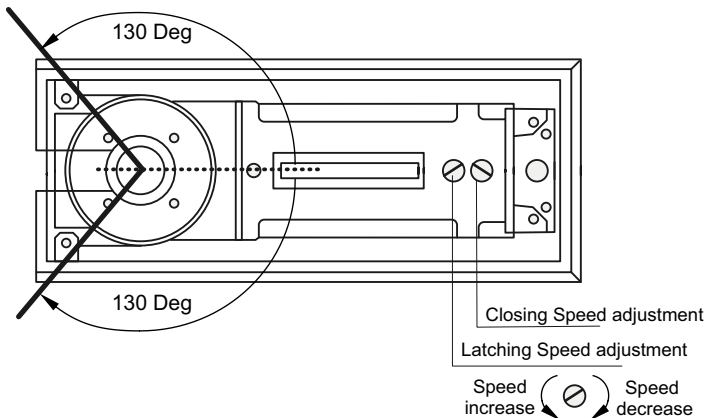
Interchangeable spindle tips, extension to 50mm. To be ordered separately.

G/ST000 0mm	G/ST020 20mm
G/ST001 1mm	G/ST025 25mm
G/ST005 5mm	G/ST040 40mm
G/ST010 10mm	G/ST050 50mm
G/ST015 15mm	



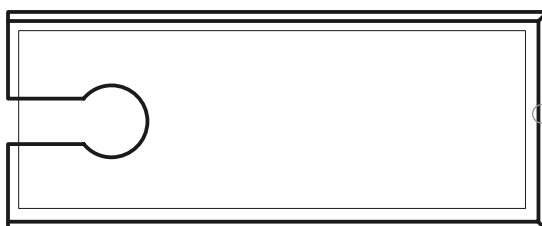
Closer Type	Closing Force	Door Width (max)
Weak Duty	15Nm	900mm
Medium Duty	25Nm	1000mm

- Adjustable Closing and Latching Speed
Two individual valves provide dual speed hydraulic closing.
- Max door opening angle 130 deg
- Mechanical Hold open at 90deg
- Also No Hold open
- Exchangeable spindle option
- Cam system for easy door opening
- Closer adjustment, Length 7mm, Width 10mm, Height 4mm
- Floor recess 40mm deep x 108mm x 307mm
- Door weight 100kg max
- Suitable for Single and Double action Doors
- Floor clearance for Patch Fittings 12mm



Recess in Floor
307mm long x 108mm wide x 40mm deep

Spring Box only
G/FSX840BOX



Cover 324mm long x 130mm wide
Satin Stainless Steel



Cover 324 x 130mm
Satin Stainless Steel

Warranty - 2 years

FSX840S series door closer is guaranteed for 2 years from date of manufacture against any defects in material or workmanship. Defective product will be replaced with a new unit; but no claims for damage incurred or work done thereon will be allowed. This guarantee is void if the product has been subject to misapplication or abuse.

Construction and Technical Details

- One unit suit for both single & double action doors where surface mounted closer cannot be fitted.
- High grade cast iron mechanism body is housed within a galvanized steel loose box which is zinc protected & painted for corrosion resistance.
- Internal mechanism components utilizing heat treated high alloy steels & ball bearing for optimum efficiency.
- Stable hydraulic fluid for any climatic operation and constant lubrication.
- Suitable for timber, metal and tempered glass doors.
- Closer mechanism totally immersed in hydraulic fluid.
- Securely designed speed adjustment values protect Floor Spring from rough use or adverse weather conditions.
- The speed adjustment values cannot be backed out of Floor Spring when adjustment that eliminates oil leakage from the valves.
- Reduced thickness of 40mm safe for thinner slabs.

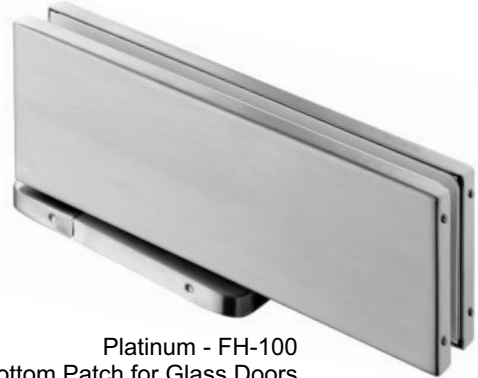
Juralco Frameless Commercial Hardware - Components, Layouts 8mm - 12mm Toughened Glass

FH SERIES

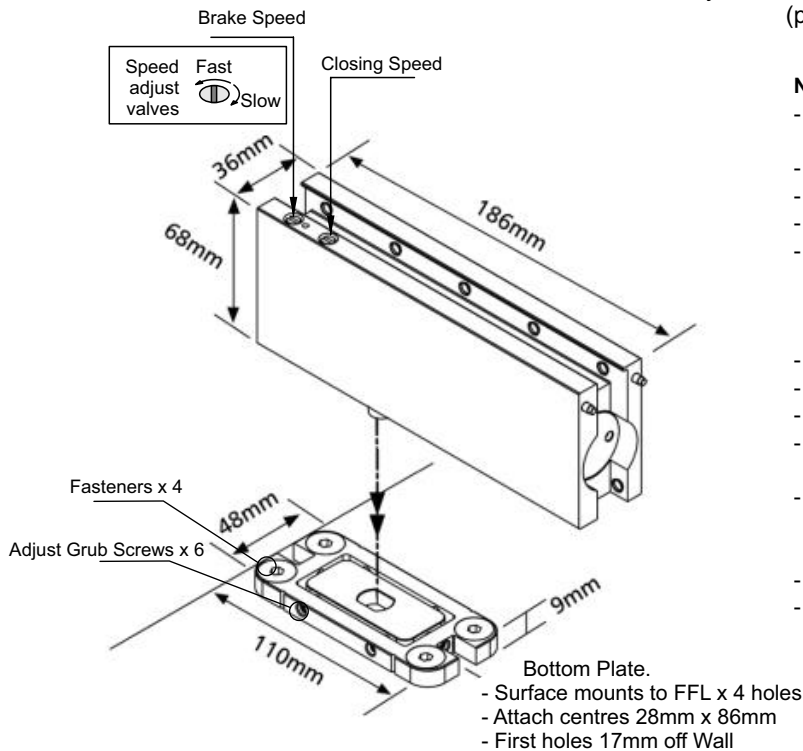
Floor Spring, Surface Mount

Self Closing, Standard Strength Hydraulic Patch EN3

Closer Type	Part No	Holds
Standard Duty	G/FH100/HO/SSS	Hold open 90deg
	G/FH100/HO/PSS	
	G/FH100/HO/SCC	
	G/FH100/NHO/SSS	No Hold open
	G/FH100/NHO/PSS	
	G/FH100/HO/SCC	

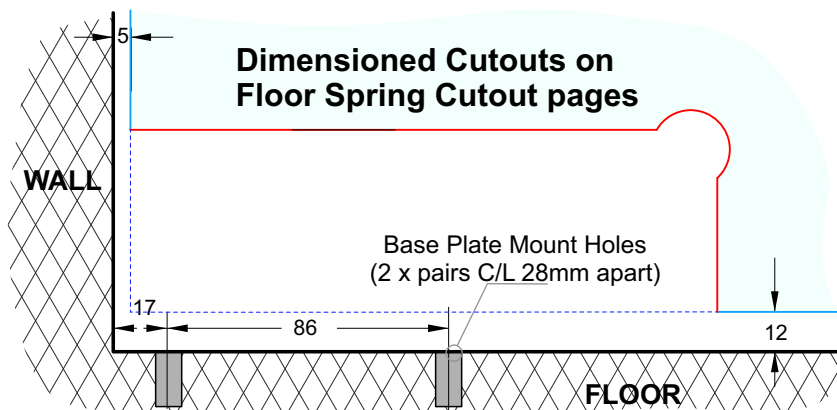


Platinum - FH-100
Hydraulic Bottom Patch for Glass Doors
(picture includes Cover Plates)



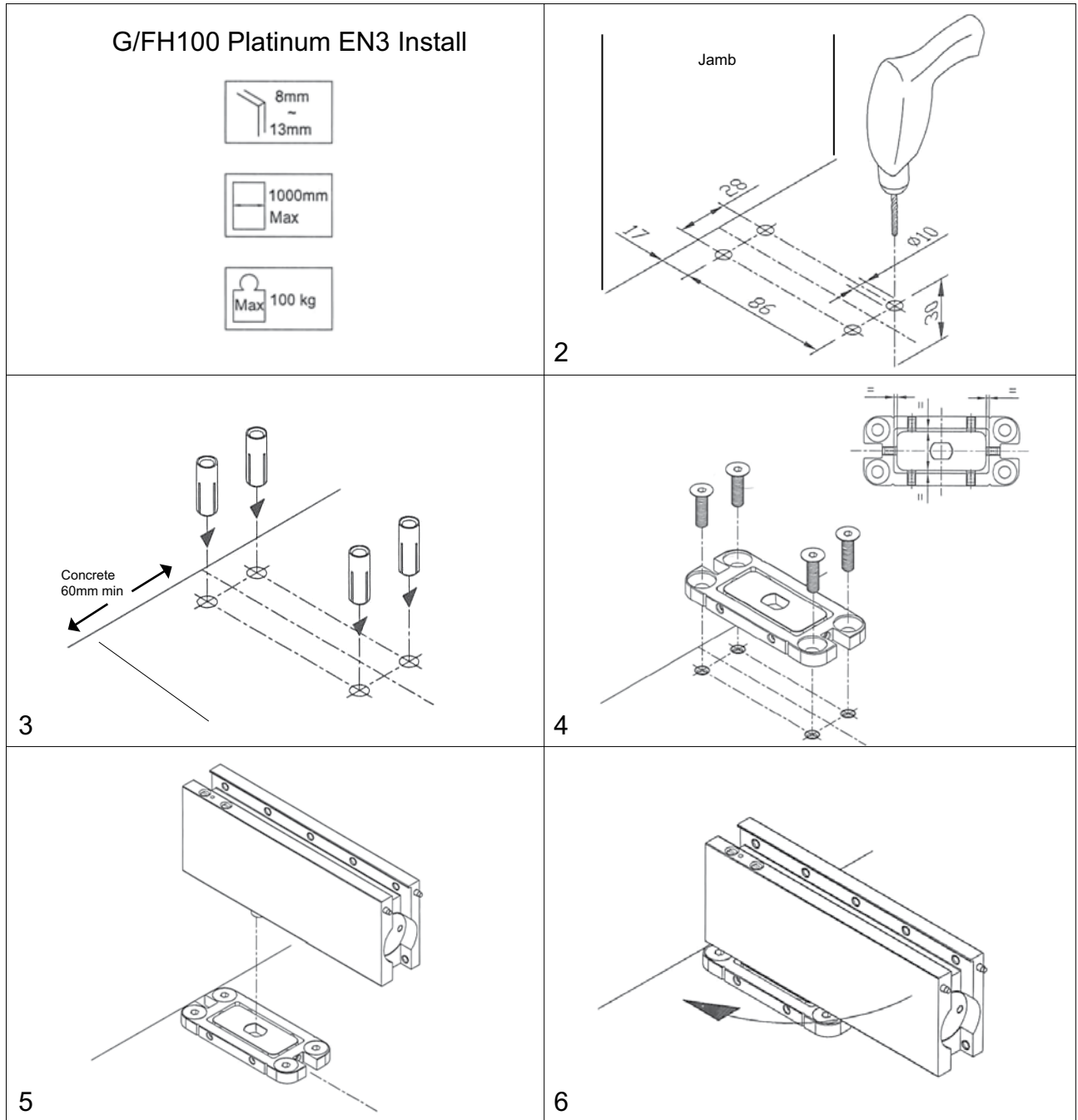
Notes for FH 100:

- Requires No Digging Or Cutting Of Floor, Quick and easy installation with just 4 fasteners
- Door weight: 100kg max
- Door width: 1000mm max
- Door thickness: 8~12mm
- Door Height Adjustment Packers
 - G/FH03/SS . Raises Door by 3mm
 - G/FH05/SS . Raises Door by 5mm
 - G/FH10/SS . Raises Door by 10mm
- Maximum opening 150° and controlled 135°
- Hold open 90°, or Non Hold Open types
- Durability-500,000 Cycles Tested
- Suitable for Fire/Smoke Doors up to 40 min, Testing done by Intertek as per EN 1634-1:2008
- Easy installation with base adjustable:
 - +3mm backward and forward, +3mm left and right and 4° alignment adjustment
- Compliance With EN 1154
- Material 304 SS Finishes to choose from,
 - SSS - Satin Stainless Steel
 - PSS - Polished Stainless Steel
 - SCC - Powder coat. Dulux Duralloy range



Wind Zone	Toughened Safety Glass Panels H x W		
	10mm Glass	12mm Glass	15mm Glass
Internal 0.5kPa	2400x1250	2800 x 1190	3600x740
Low 0.72kPa	NA	NA	3400x784
Medium 0.96kPa			3200x833
High 1.36kPa			2800x952
Very High 1.76kPa			2400x1000
Extra High			NA

**G/FH100 Floor Spring, Self Closing Standard Strength Hydraulic EN3
Patch Cutout and Installation**



Once the patch is at 90° to the base the gaskets can be added and the door slid onto the patch and clamped in place by tightening up the screws on the side.

The door speed and brake speed can then be adjusted to suit your requirements, then the cover caps clipped in place to complete the installation.

Juralco Frameless Commercial Hardware - Components, Layouts

10mm - 15mm Toughened Glass

FH SERIES

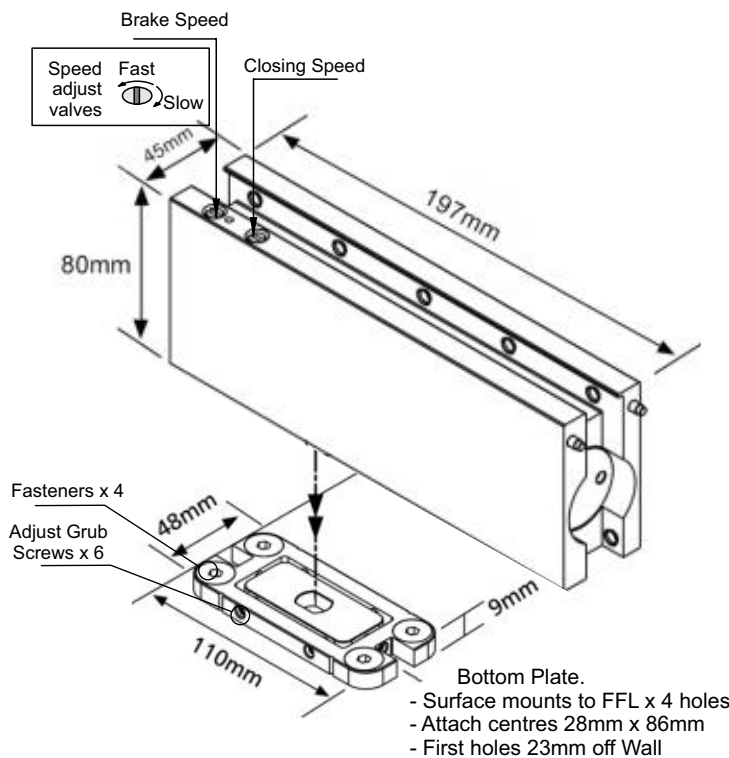
Floor Spring, Surface Mount

Self Closing, High Strength Hydraulic Patch EN5

Closer Type	Part No	Holds
High Strength Duty	G/FH105/HO/SSS	Hold open 90deg
	G/FH105/HO/PSS	
	G/FH105/HO/SCC	
	G/FH105/NHO/SSS	No Hold open
	G/FH105/NHO/PSS	
	G/FH105/HO/SCC	

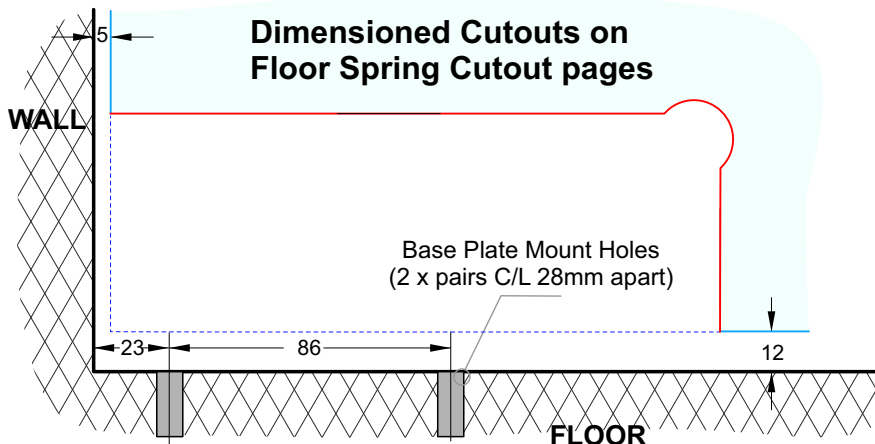


Platinum - FH-105
Hydraulic High Strength Bottom
Patch for Glass Doors
(picture includes Cover Plates)



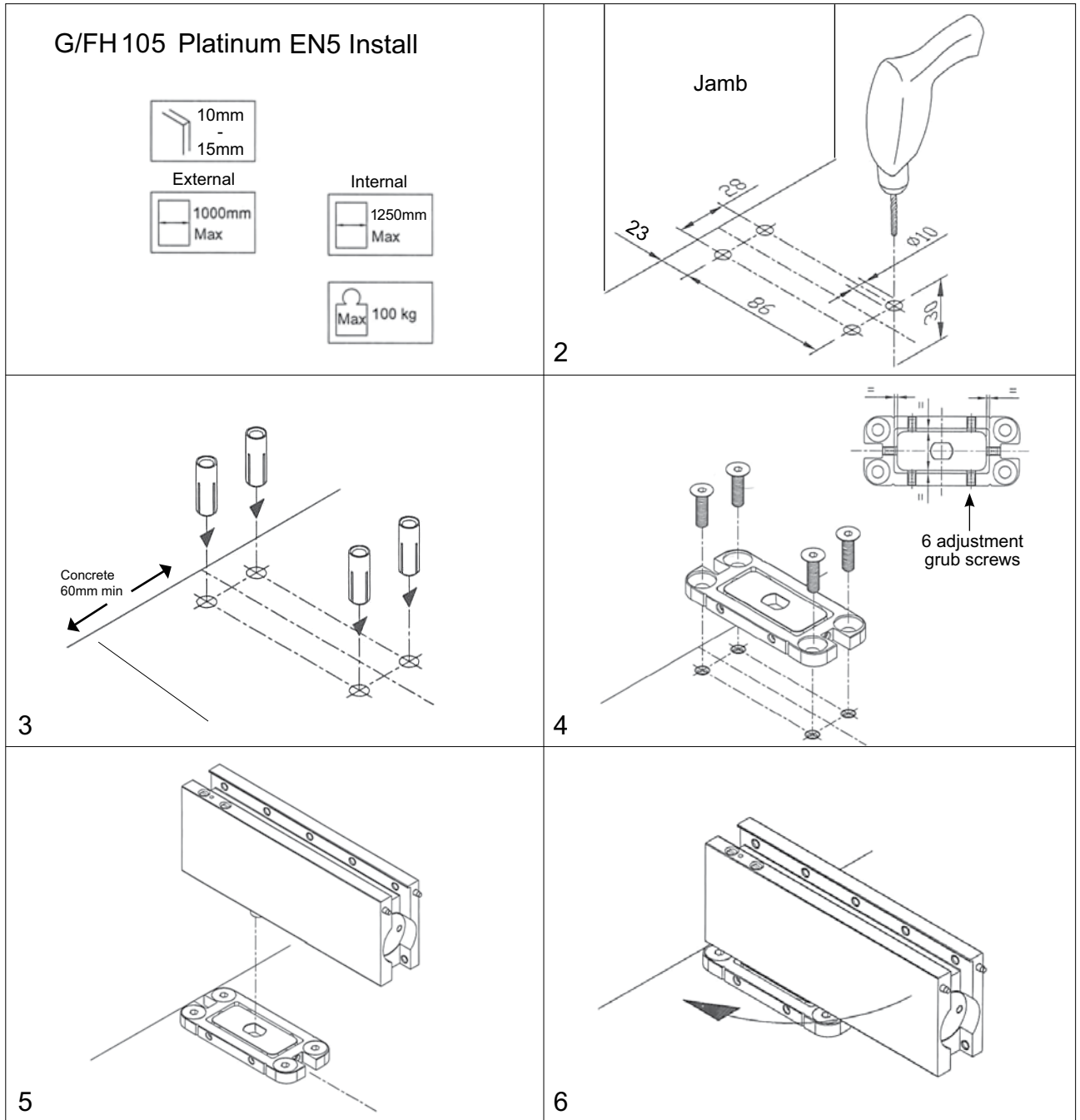
Notes for FH 105:

- Requires No Digging Or Cutting Of Floor, Quick and easy installation with just 4 fasteners.
 - Door weight: 100kg max
 - Door width: 1250mm max
 - Door thickness: 10~15mm.
 - Door Height Adjustment Packers
G/FH03/SS . Raises Door by 3mm
G/FH05/SS . Raises Door by 5mm
G/FH10/SS . Raises Door by 10mm
 - Maximum opening 150° and controlled 135°
 - Hold open 90°, or Non Hold Open types
 - Durability-500,000 Cycles Tested
 - Suitable for Fire/Smoke Doors up to 40 min
Testing done by Intertek as per EN 1634-1:200
 - Easy installation with base adjustable:
 - +3mm backward and forward,
 - +3mm left and right and 4° alignment adjustment
- Compliance With EN 1154
Material 304 SS Finishes to choose from,
SSS - Satin Stainless Steel
PSS - Polished Stainless Steel
SCC - Powder coat. Dulux Duralloy range



Wind Zone	Toughened Safety Glass Panels H x W		
	10mm Glass	12mm Glass	15mm Glass
Internal 0.5kPa	2400x1250	2800 x 1190	3600x740
Low 0.72kPa	NA	NA	3400x784
Medium 0.96kPa			3200x833
High 1.36kPa			2800x952
Very High 1.76kPa			2400x1000
Extra High			NA

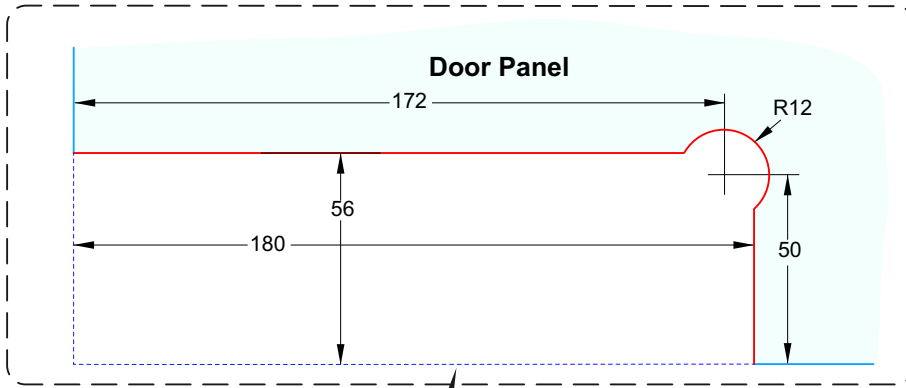
G/FH105 Floor Spring, Self Closing High Strength Hydraulic EN5
Patch Cutout and Installation



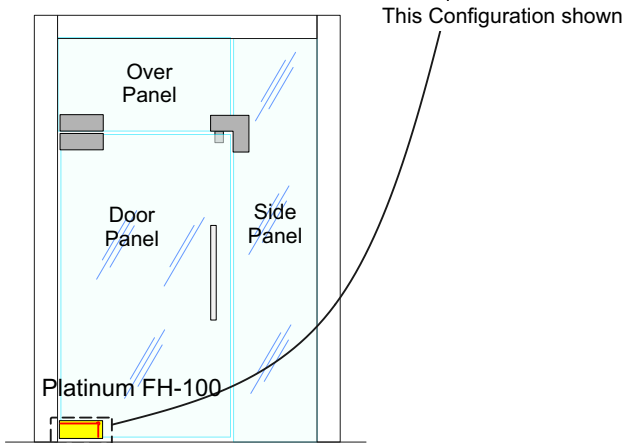
Once the patch is at 90° to the base the gaskets can be added and the door slid onto the patch and clamped in place by tightening up the screws on the side.

The door speed and brake speed can then be adjusted to suit your requirements, then the cover caps clipped in place to complete the installation.

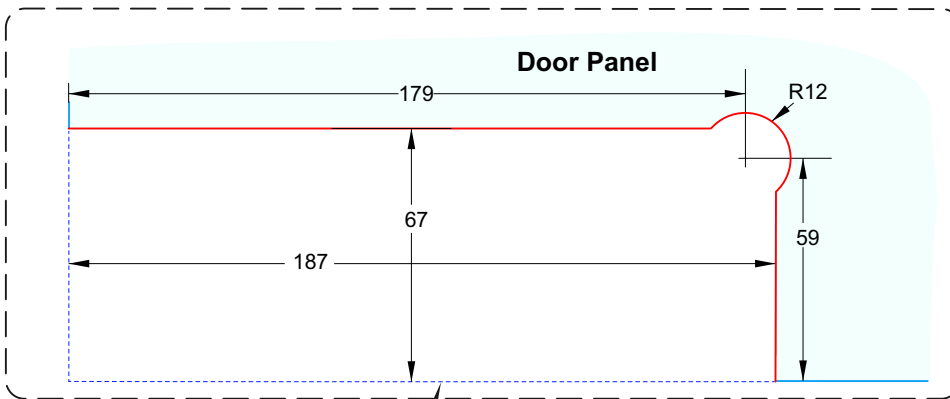
Juralco Frameless Commercial Hardware Floor Spring- Glass Cutouts - 1/2 Full Size



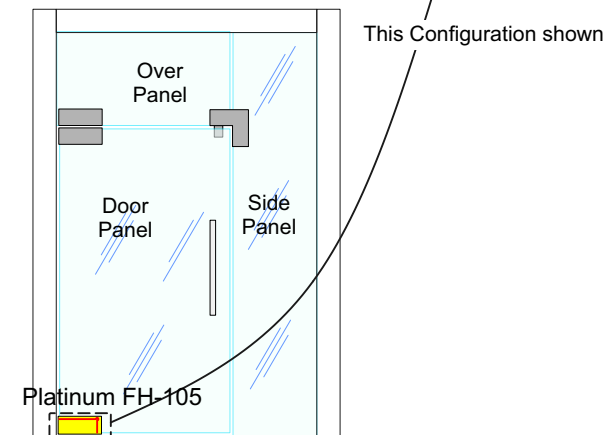
Applies to
 Platinum - FH100
 Standard Strength EN3
 Hydraulic Bottom Patch
 for Glass Doors
 Juralco Part No G/FH100



There mst be a 5mm Gap to Door Glass Panels



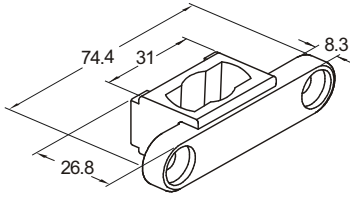
Applies to
 Platinum - FH105
 High Strength EN5
 Hydraulic Bottom Patch
 for Glass Doors
 Juralco Part No G/FH105



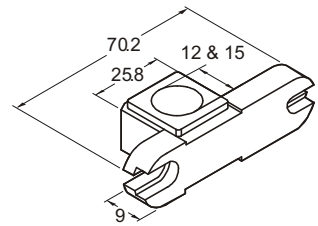
There mst be a 5mm Gap to Door Glass Panels

PF SERIES
Glass Hardware Accessories

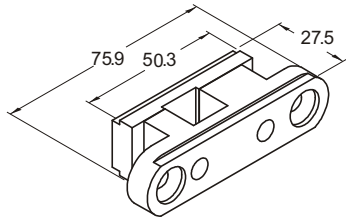
Insert to Suit
PF10 (Screws incl)
G/PFIS10



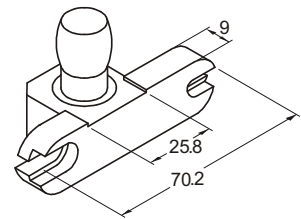
Insert to Suit
PF20 (Screws incl)
G/PFIS20



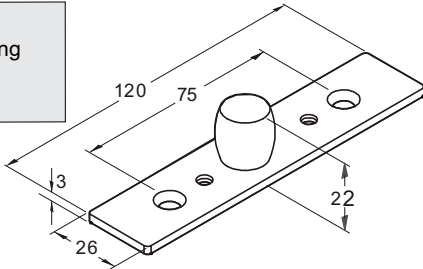
Insert to Suit
PF22 (Screws incl)
G/PFIS22



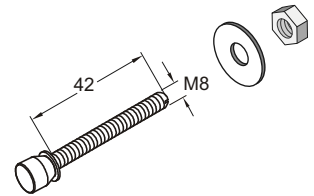
Insert to Suit
PF22, PF40
PF41 (Screws incl)
G/PFIS40



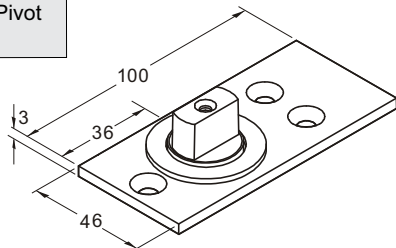
Top Pivot
with Plate Mounting
G/PF24/SSS
G/PF24/SCC



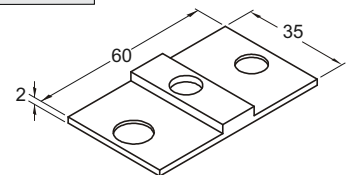
Top Pivot with M8
Threaded Rod,
Washer and Hex nut
G/PF25/SSS
G/PF25/SCC



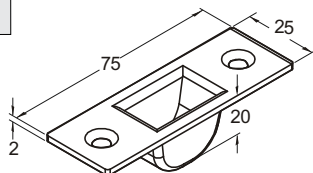
Standard Floor Pivot
G/PF26/NAT



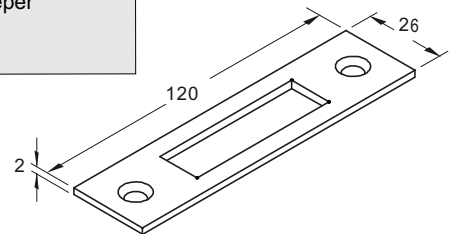
G/PF34/BACKPLATE



Pin Lock Keeper
G/PK250/SSS
G/PK250/SCC



Tough Lock Keeper
G/PK240/SSS
G/PK240/SCC



PF SERIES
Glass Hardware Accessories

Floor Mount Door Stop
G/PF32/NAT



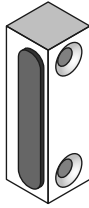
Rubber Buffer 50mm dia. Height 37mm

Wall Mount Door Stop
G/PF33/NAT



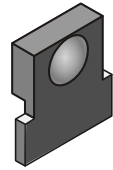
Base 50mm dia. Height 75mm

Transom Mount Door Stop
G/PF28/NAT



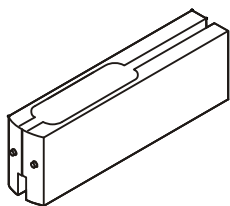
Height 50mm No8 x 50 C/S SS Screws included

Additional Door Stop Inserts
G/PFIS61

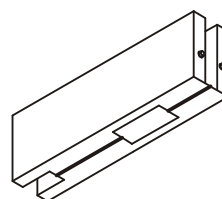


Juralco Frameless Commercial Hardware - Components,

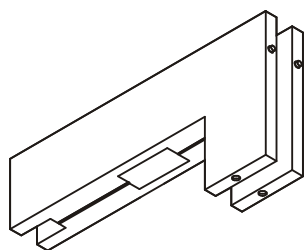
PF SERIES Cover Plates



Code	Finish	Suits
G/CP10/SSS	Satin SS	PF10, PF20 and PF22
G/CP10/PSS	Polished SS	PF10, PF20 and PF22

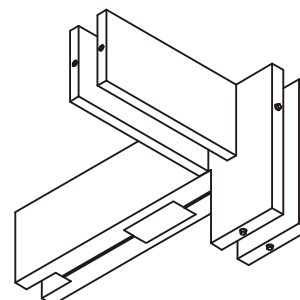


Code	Finish	Suits
G/CP34/SSS	Satin SS	PF34
G/CP34/PSS	Polished SS	PF34



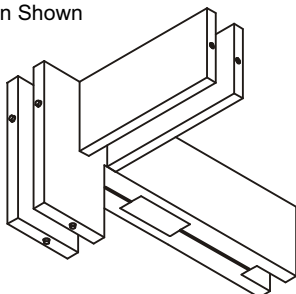
Code	Finish	Suits
G/CP40/SSS	Satin SS	PF40
G/CP40/PSS	Polished SS	PF40

LH Version Shown

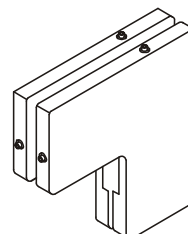


Code	Finish	Suits
G/CP41/SSS	Satin SS	PF41
G/CP41/PSS	Polished SS	PF41

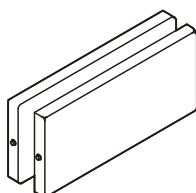
RH Version Shown



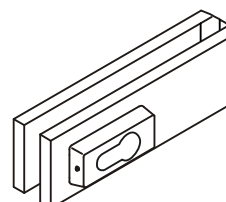
Code	Finish	Suits
G/CP41/SSS	Satin SS	PF41
G/CP41/PSS	Polished SS	PF41



Code	Finish	Suits
G/CP61/SSS	Satin SS	PF61
G/CP61/PSS	Polished SS	PF61



Code	Finish	Suits
G/CP70/SSS	Satin SS	PF70
G/CP70/PSS	Polished SS	PF70

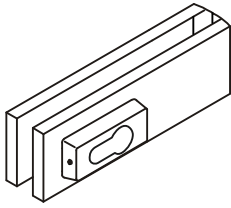


Code	Finish	Suits
G/CP100/SSS	Satin SS	PF100
G/CP100/PSS	Polished SS	PF100

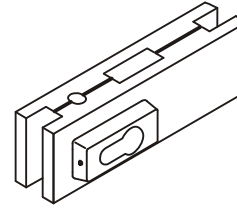


Juralco Frameless Commercial Hardware - Components,

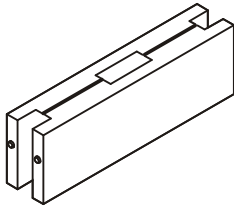
PF SERIES Cover Plates



Code	Finish	Suits
G/CP100/SSS	Satin SS	PF100
G/CP100/PSS	Polished SS	PF100



Code	Finish	Suits
G/CP200/SSS	Satin SS	PF200
G/CP200/PSS	Polished SS	PF200



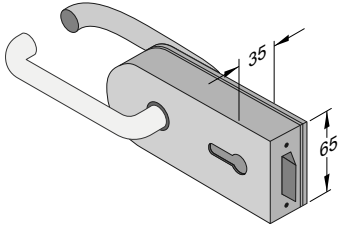
Code	Finish	Suits
G/CP220/SSS	Satin SS	PF220
G/CP220/PSS	Polished SS	PF220

Juralco Frameless Commercial Hardware - Components, Layouts

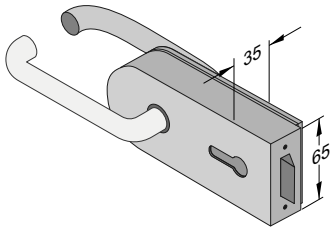
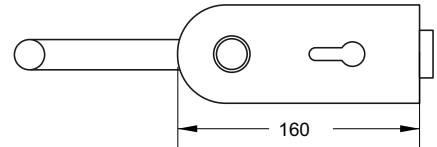
PL SERIES Lever Locks and Latch Sets



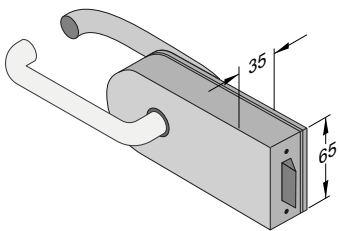
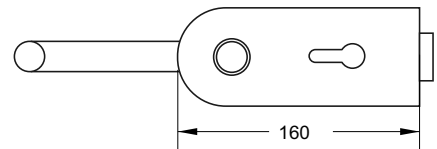
Basic Lever Locks shown here. Handles included as shown below



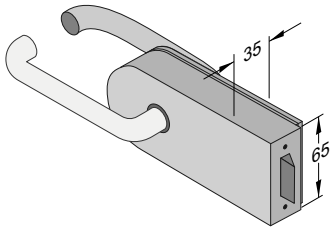
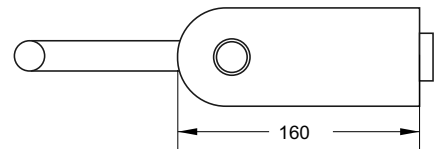
Lever Lockset with Cylinder.
For Locking to Aluminium or Timber jamb
Includes Handle
G/PL01S/SSS or G/PL01S/PSS



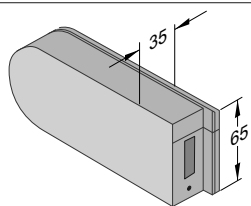
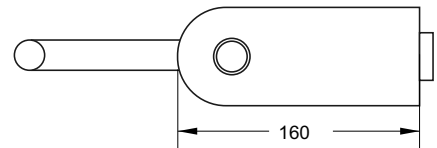
Lever Lockset with Cylinder.
For Locking to Glass Sidelight
Includes Handle
G/PL02S/SSS or G/PL02S/PSS



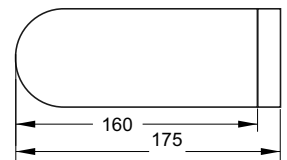
Lever Lockset with Cylinder.
For Locking to Aluminium or Timber jamb
Includes Handle
G/PL03S/SSS or G/PL03S/PSS



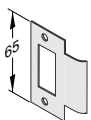
Lever Lockset with Cylinder.
For Locking to Glass Sidelight
Includes Handle
G/PL04S/SSS or G/PL04S/PSS



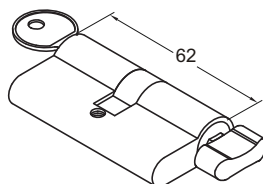
Striker Box for Glass Sidelight
G/PL08S/SSS or G/PL08S/PSS



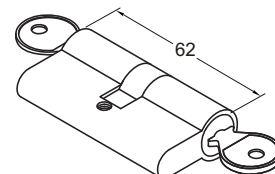
G/PL09S/SSS
Striker Plate for
Aluminium or
Timber Frames



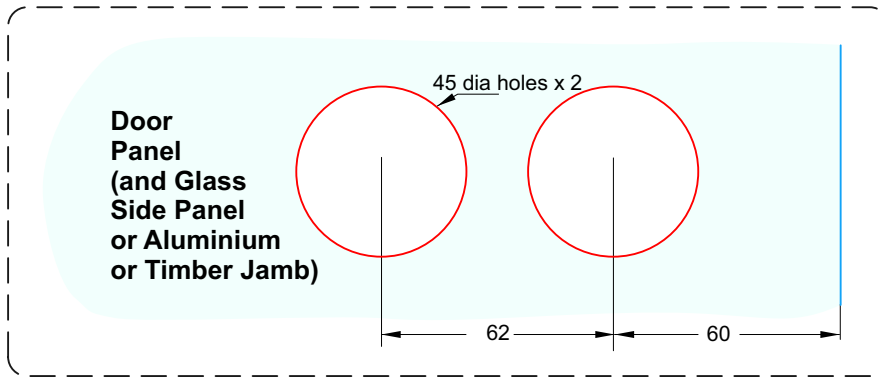
C4 Euro Cyl & Turn
8 x 50 CYL Key/Alike
(8 x different numbers)
G/TC02/SSS
G/TC02/PSS



C4 Euro Twin Cyl
Random Key
G/DC02/SSS

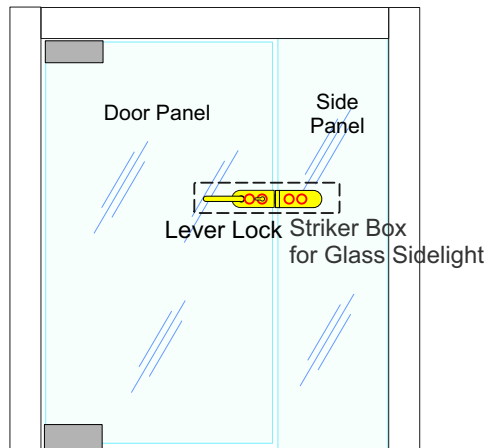


Juralco Frameless Commercial Hardware - Glass Cutouts - 1/2 Full Size

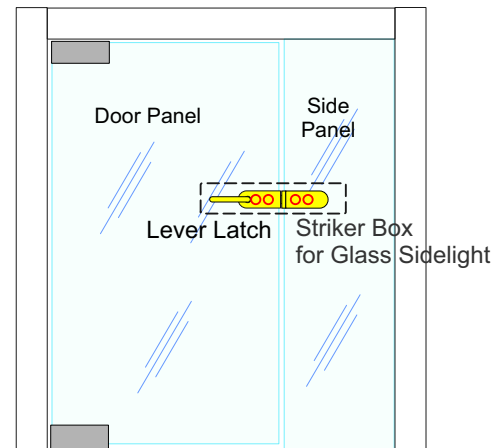


Applies to All Configurations shown below

Lever Lockset with Cylinder.
For Locking to Glass sidelight
Part No JGS/PL02S/SSS
and Striker Box for Glass Sidelight
Part No JGS/PL08S/SSS

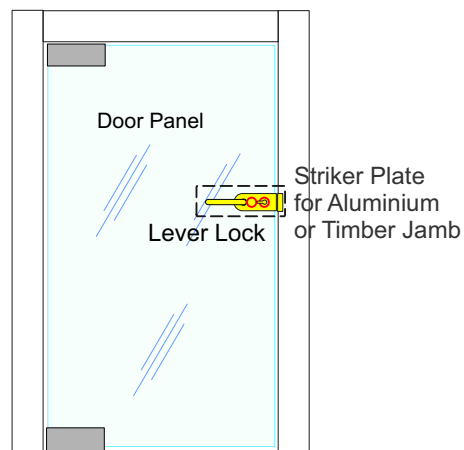


Lever Latchset
For Latching to Glass sidelight
Part No JGS/PL04S/SSS
and Striker Box for Glass Sidelight
Part No JGS/PL08S/SSS

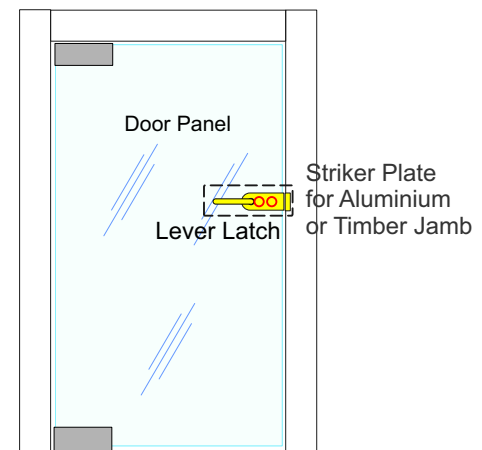


There must be a 5mm Gap to Door Glass Panels

Lever Lockset with Cylinder.
For Locking to Aluminium or Timber Jamb
Part No JGS/PL01S/SSS
and Striker Plate Part No JGS/SP09



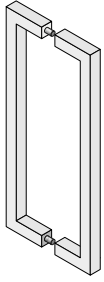
Lever Latchset
For Latching to Aluminium or Timber Jamb
Part No JGS/PL03S/SSS
and Striker Plate Part No JGS/SP09



Juralco Frameless Commercial Hardware - Components, Layouts

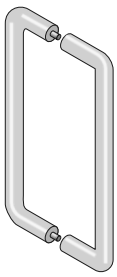
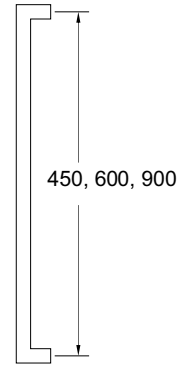
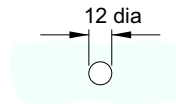
PH SERIES Commercial Pull Handles

Finishes to choose from,
 SSS - Satin Stainless Steel
 PSS - Polished Stainless Steel
 SCC - Powder coat. Dulux Duralloy range



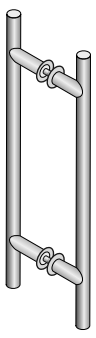
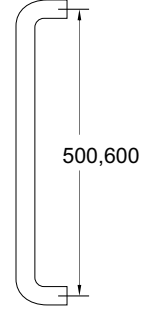
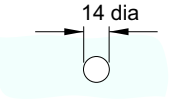
Square D Pull Handle. 25mmsq
 Hole Centres 450, 600 and 900 mm
 304 Stainless Steel

	Finish Options
Part No G/PHSQD/450	SSS, SCC
Part No G/PHSQD/600	SSS, MBLK, SCC
Part No G/PHSQD/900	SSS, SCC



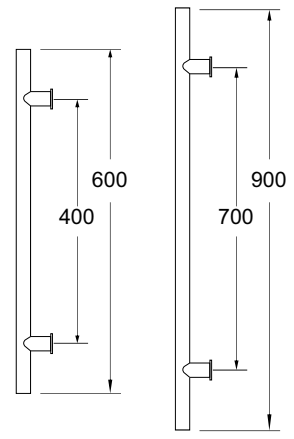
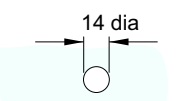
Round D Pull Handle. 32mm dia
 Hole Centres 300, 500 or 600mm
 304 Stainless Steel

	Finish Options
Part No G/PHD/500	SSS, MBLK, SCC
Part No G/PHD/600	SSS, MBLK, SCC

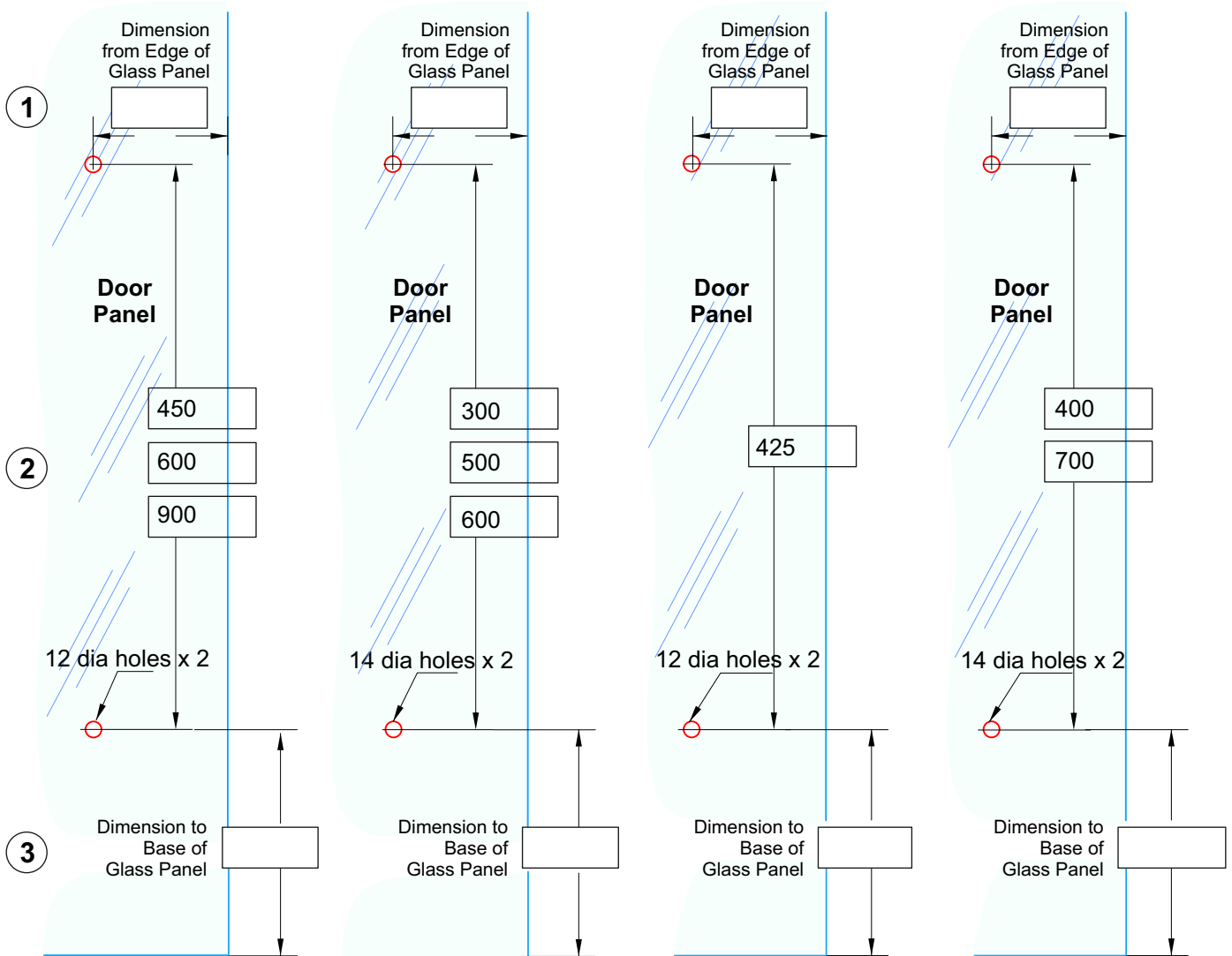


FineLine Pull Handle. 25mm dia
 Hole Centres 400mm, or 700mm
 304 Stainless Steel

	Finish Options
Part No G/PHFL/600	SSS, MBLK, SCC
Part No G/PHFL/900	SSS, MBLK



Juralco Frameless Commercial Hardware Pull Handle - Glass Hole Size/Positions



1 - Enter Dimension in from Edge. 2 - Tick desired Hole centres. 3 - Enter Dimension up from Base

Applies to

Square D Pull Handle
25mmsq
Hole Centres
450, 600 and 900 mm.

304 Stainless steel in various finishes.
(See prev page)

Applies to

Round D Pull Handle
32mm dia
Hole Centres
300,500 or 600mm.

304 Stainless steel in various finishes.
(See prev page)

Applies to

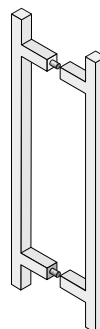
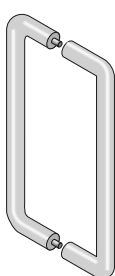
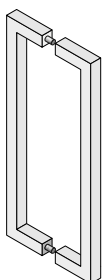
SquareLine Pull Handle
25mmsq
Hole Centres 425mm

304 Stainless steel in various finishes.
(See prev page)

Applies to

FineLine Pull Handle
25mm dia
Hole Centres
400 and 700mm

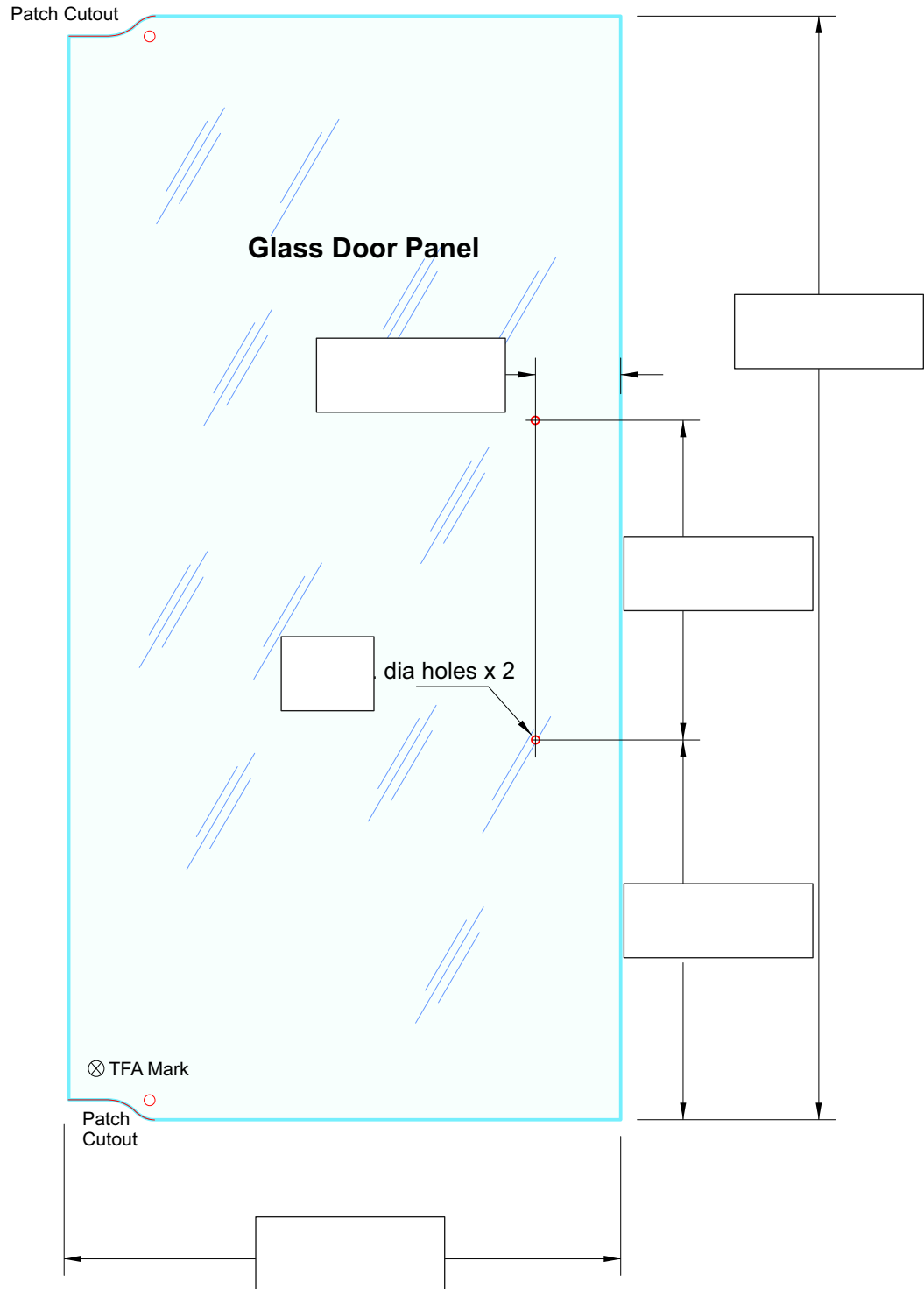
304 Stainless steel in various finishes.
(See prev page)



Juralco Frameless Commercial Hardware - Typical Glass Cutouts 10mm to 12mm Toughened Safety Glass

10-12mm Toughened Glass
Flat Polish all edges
TFA Stamp Bottom Corner

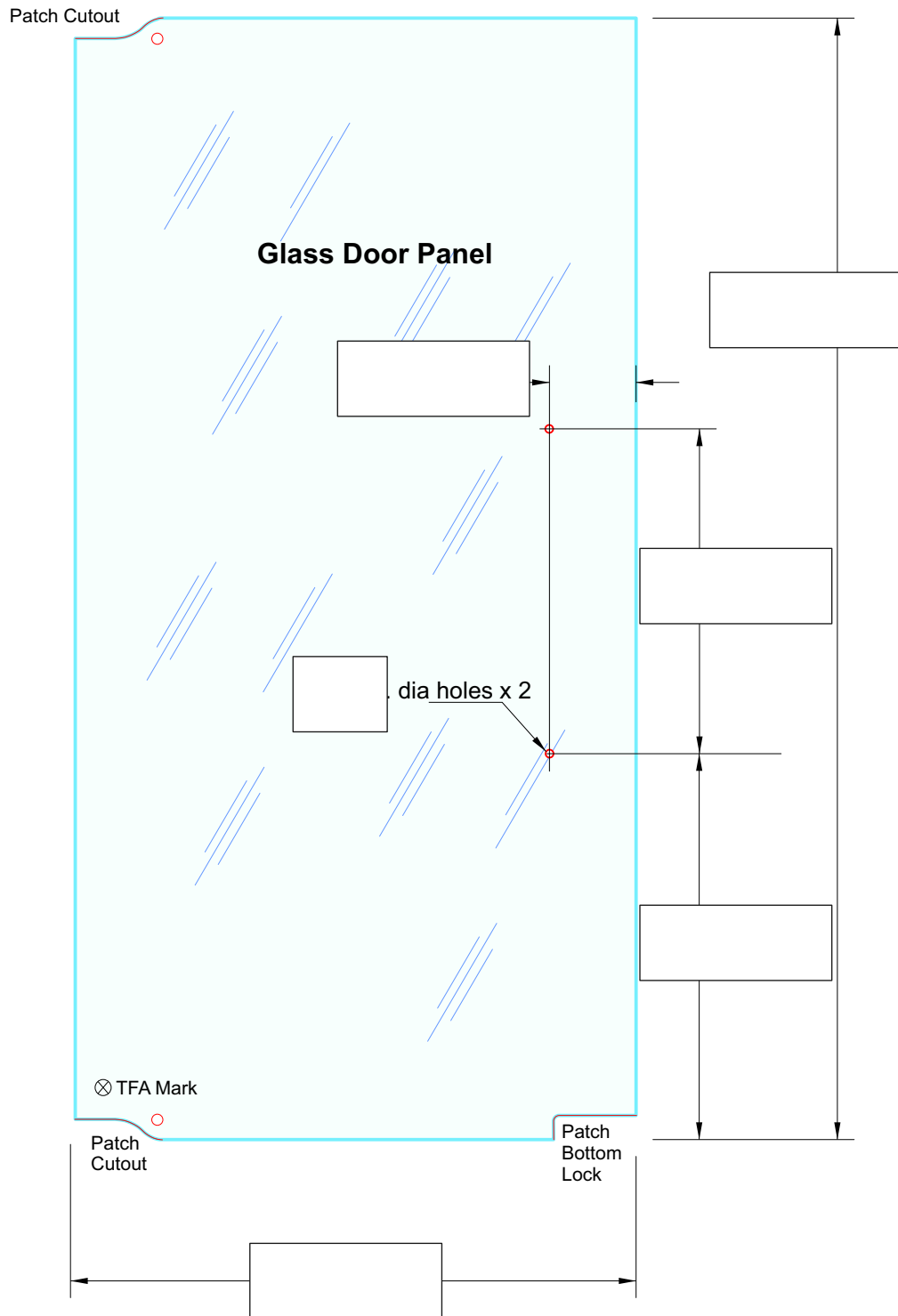
Order Page
Door Panel Non Locking



Juralco Frameless Commercial Hardware - Typical Glass Cutouts 10mm to 12mm Toughened Safety Glass

10-12mm Toughened Glass
Flat Polish all edges
TFA Stamp Bottom Corner

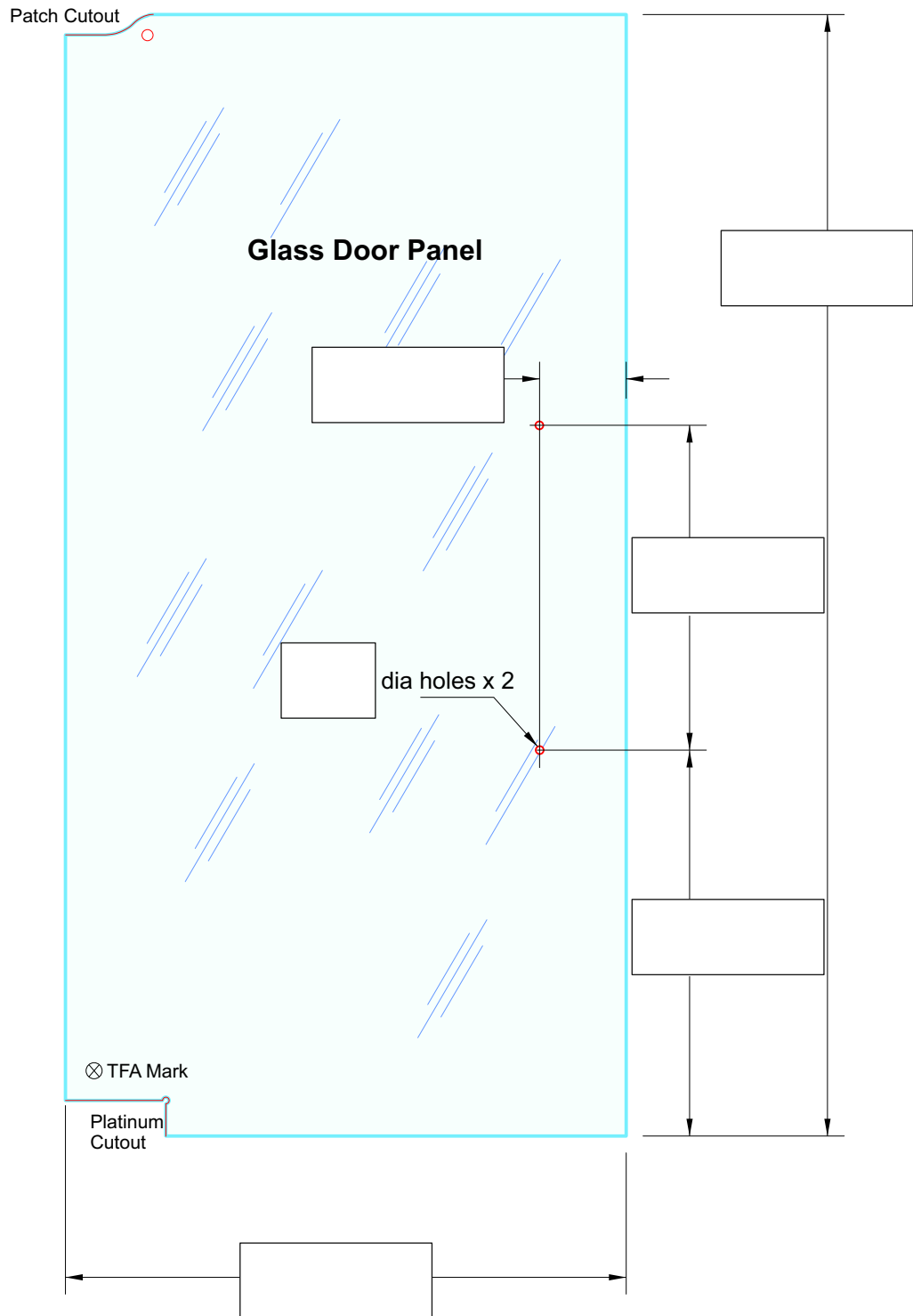
Order Page Door Panel Bottom Locking



Juralco Frameless Commercial Hardware - Typical Glass Cutouts 10mm to 12mm Toughened Safety Glass

10-12mm Toughened Glass
Flat Polish all edges
TFA Stamp Bottom Corner

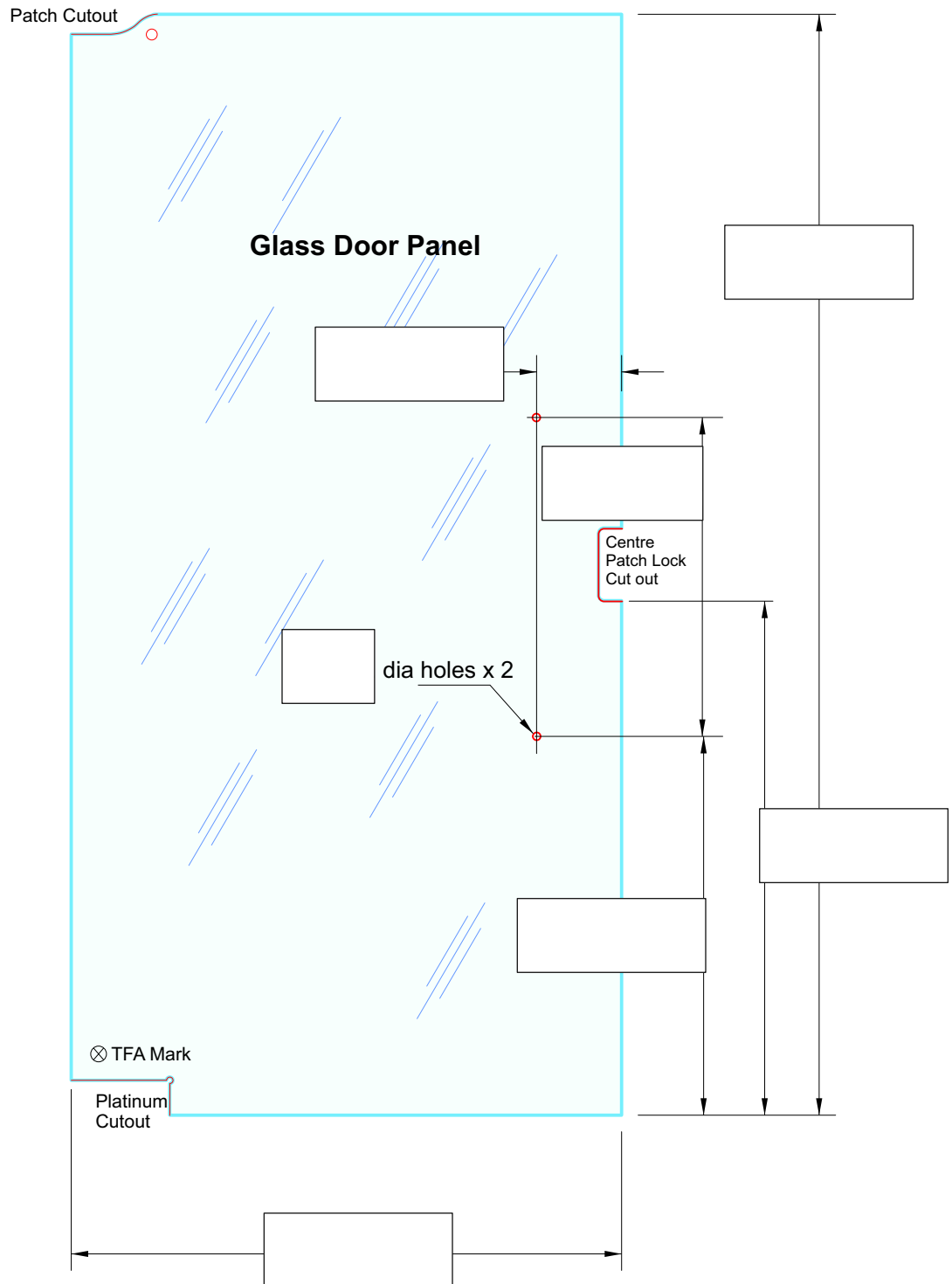
Order Page
Door Panel Non Locking



Juralco Frameless Commercial Hardware - Typical Glass Cutouts 10mm to 12mm Toughened Safety Glass

10-12mm Toughened Glass
Flat Polish all edges
TFA Stamp Bottom Corner

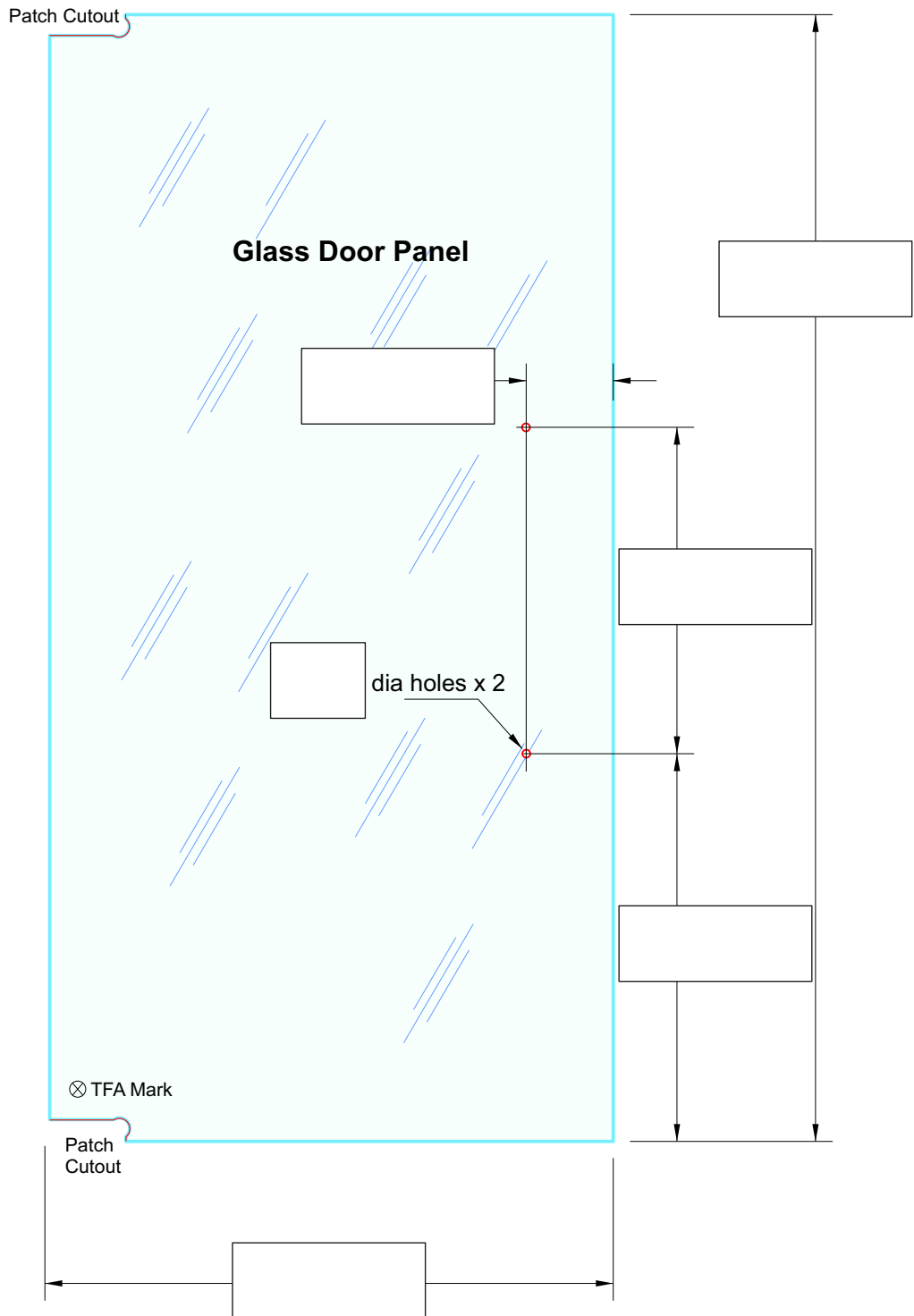
Order Page Door Panel Centre Locking



Juralco Frameless Commercial Hardware - Typical Glass Cutouts 15mm to 19mm Toughened Safety Glass

15-19mm Toughened Glass
Flat Polish all edges
TFA Stamp Bottom Corner

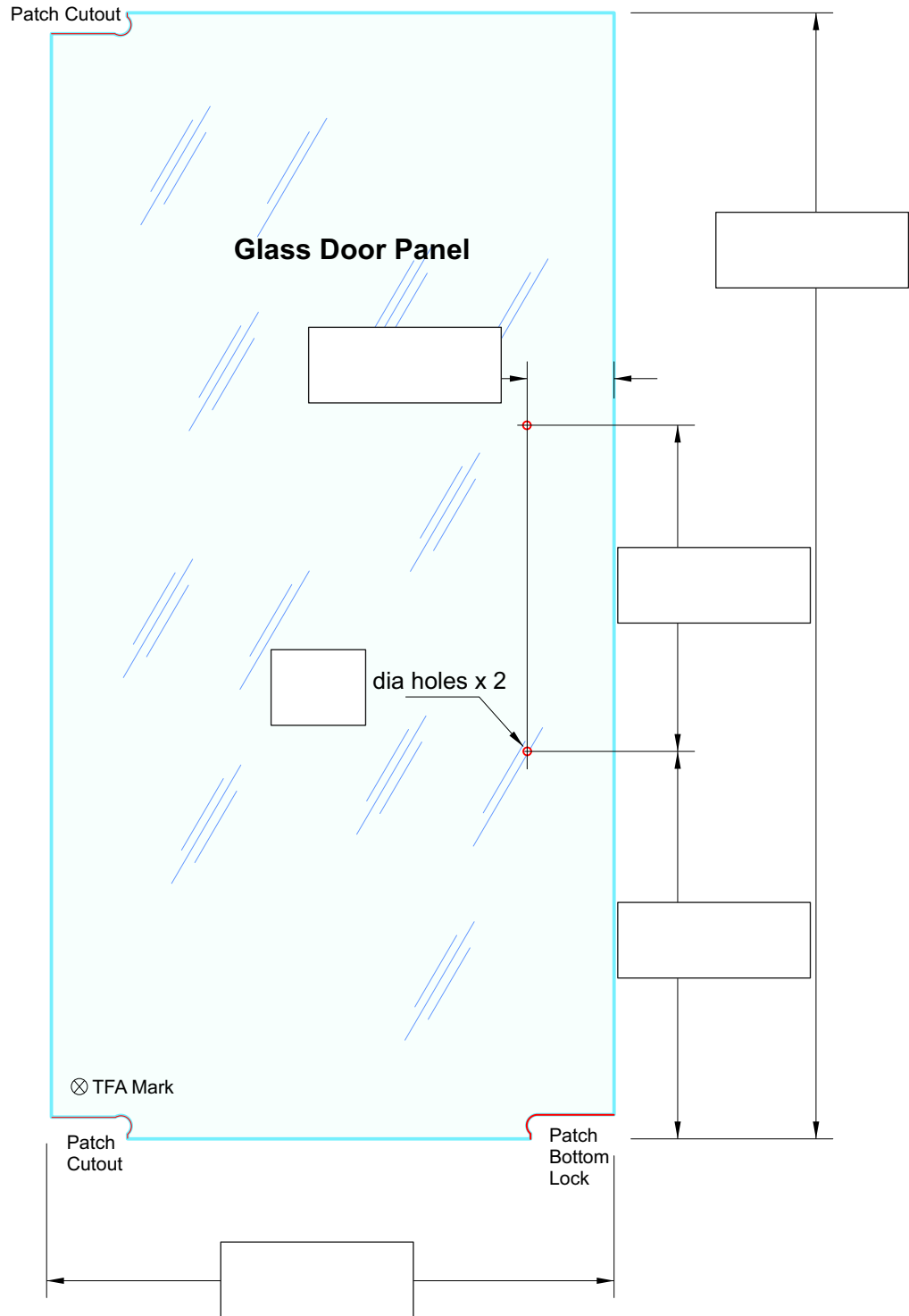
Order Page
Door Panel Non Locking



**Juralco Frameless Commercial Hardware - Typical Glass Cutouts
15mm to 19mm Toughened Safety Glass**

15-19mm Toughened Glass
Flat Polish all edges
TFA Stamp Bottom Corner

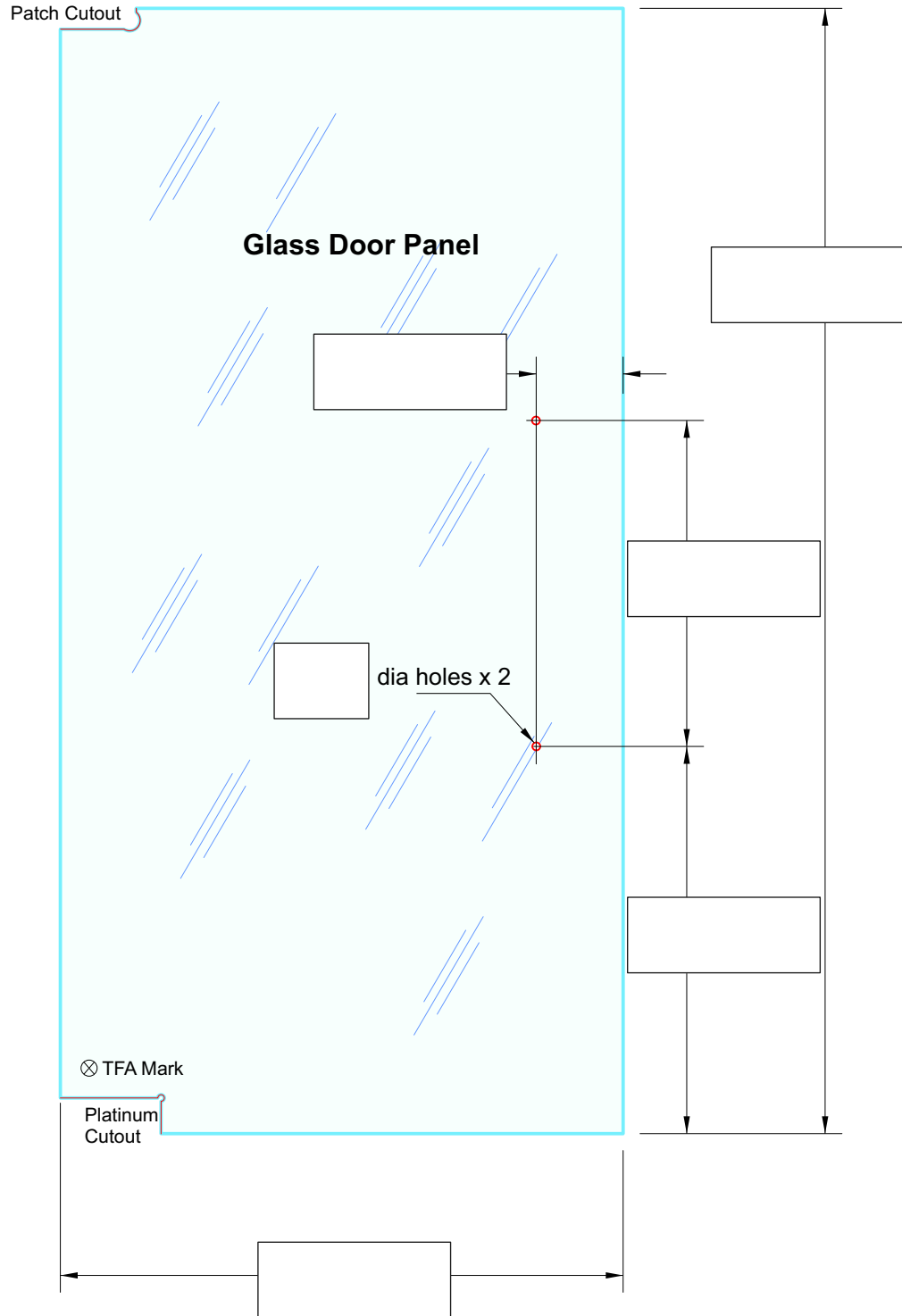
Order Page
Door Panel Bottom Locking



Juralco Frameless Commercial Hardware - Typical Glass Cutouts 15mm Toughened Safety Glass only

15mm Toughened Glass Only
Flat Polish all edges
TFA Stamp Bottom Corner

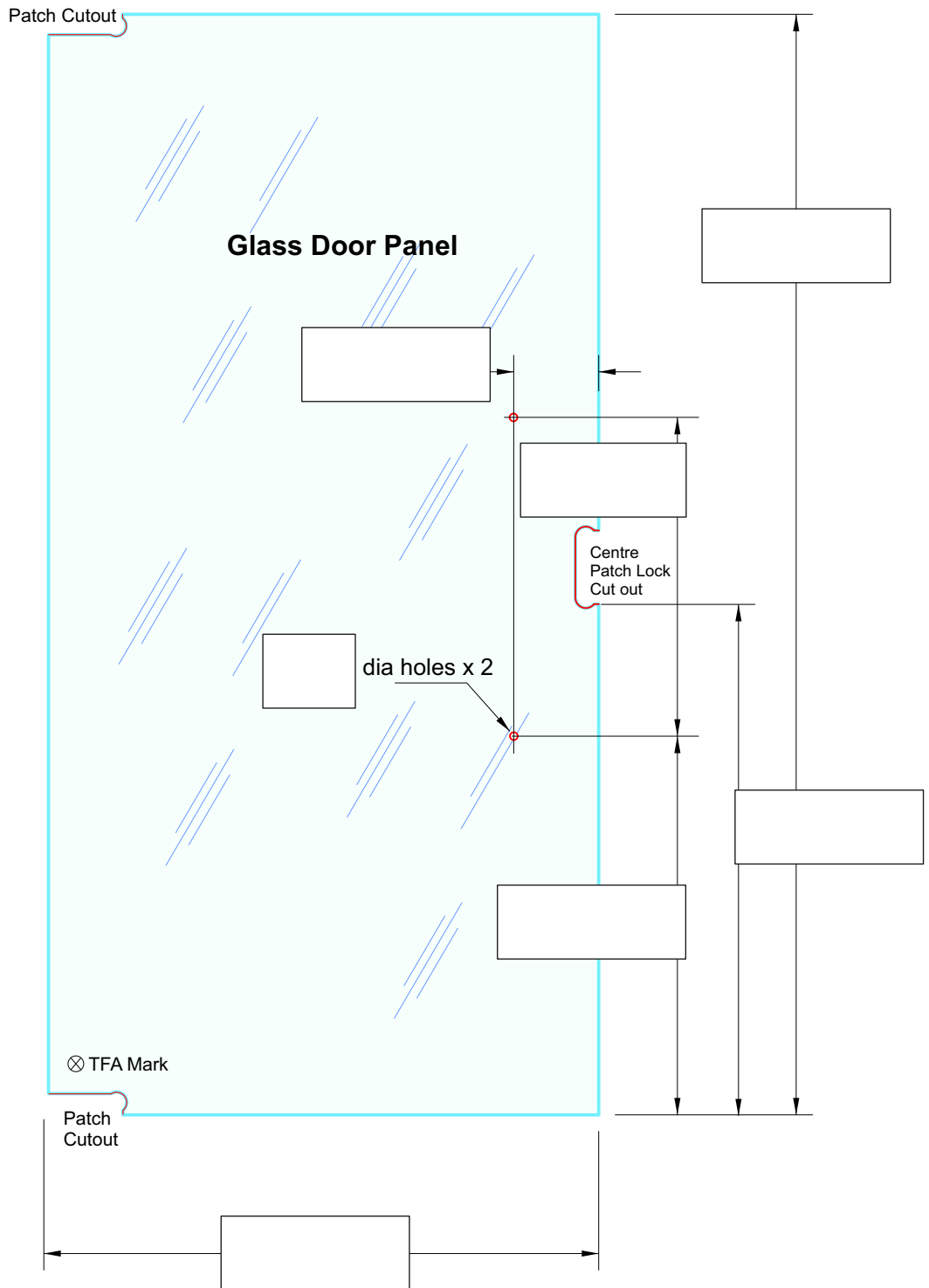
Order Page
Door Panel Non Locking



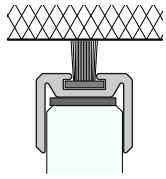
Juralco Frameless Commercial Hardware - Typical Glass Cutouts 15mm to 19mm Toughened Safety Glass

15-19mm Toughened Glass
Flat Polish all edges
TFA Stamp Bottom Corner

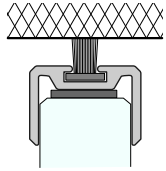
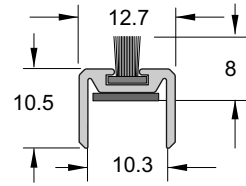
Order Page Door Panel Centre Locking



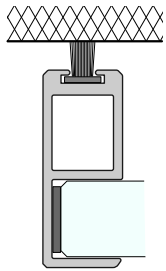
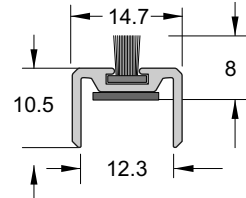
DS SERIES
Door Seals + Components



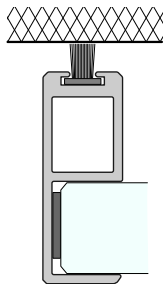
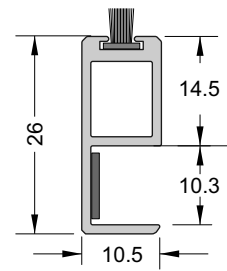
G/DS10/3
Aluminium extrusion, with Mohair
+ Double sided tape.
For 10mm Glass. NAT or SCC



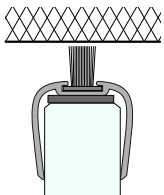
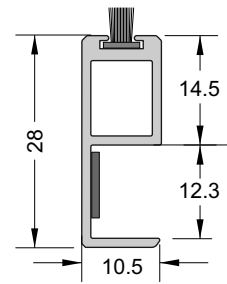
G/DS12/3
Aluminium extrusion, with Mohair
+ Double sided tape.
For 12mm Glass. NAT or SCC



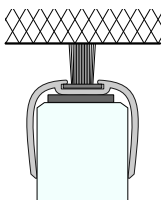
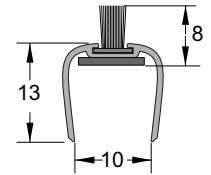
G/DS1090/3
Aluminium extrusion, with Mohair
+ Double sided tape.
For 10mm Glass. NAT or SCC



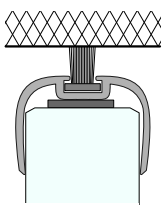
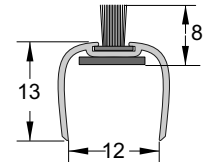
G/DS1290/3
Aluminium extrusion, with Mohair
+ Double sided tape.
For 12mm Glass. NAT or SCC



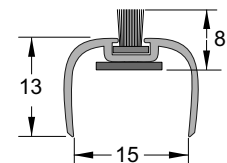
G/DSP10/3
Clear Polycarbonate extrusion, with Mohair
+ Double sided tape.
For 10mm Glass



G/DSP12/3
Clear Polycarbonate extrusion, with Mohair
+ Double sided tape.
For 12mm Glass

































G/DSP15/3
Clear Polycarbonate extrusion, with Mohair
+ Double sided tape.
For 15mm Glass

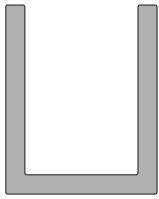


Juralco Frameless Commercial Hardware - Components

PVC WEDGES and Backing Seals

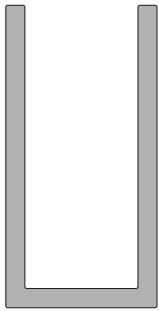
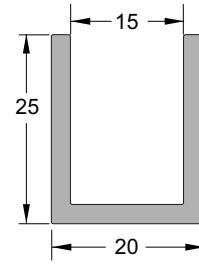
CODE	COLOUR STRIPE	COIL LENGTH
 JWG/W80/80/Black PVC Glazing Wedge 8.0mm	 BLACK	80m
 JWG/W75/100/Pink PVC Glazing Wedge 7.5mm	 PINK	100m
 JWG/W70/150/Black PVC Glazing Wedge 7.0mm	 BLACK	150m
 JWG/W60/150/Brown PVC Glazing Wedge 6.0mm	 BROWN	150m
 JWG/W55/150/Green PVC Glazing Wedge 5.5mm	 GREEN	150m
 JWG/W50/200/White PVC Glazing Wedge 5.0mm	 WHITE	200m
 JWG/W45/250/Yellow PVC Glazing Wedge 4.5mm	 YELLOW	250m
 JWG/W40/250/Orange PVC Glazing Wedge 4.0mm	 ORANGE	250m
 JWG/W35/250/Red PVC Glazing Wedge 3.5mm	 RED	250m
 JWG/W30/250/Purple PVC Glazing Wedge 3.0mm	 PURPLE	250m
 JWG/W25/400/Blue PVC Glazing Wedge 2.5mm	 BLUE	400m
 JWG/W20/400/Grey PVC Glazing Wedge 2.0mm	 GREY	400m
 JWG/W02/400/BLK Easy fit Sanoprene Composite Backing Seal	 BLACK	400m
 JWG/W04/400/BLK Push fit PVC Backing Seal	 BLACK	400m
 JWG/W06/400/BLK Push fit Sanoprene Composite Backing Seal	 BLACK	400m

JA SERIES
Channel Sections and End Caps



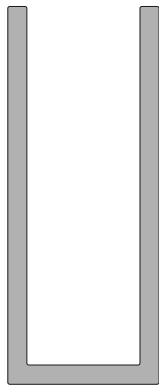
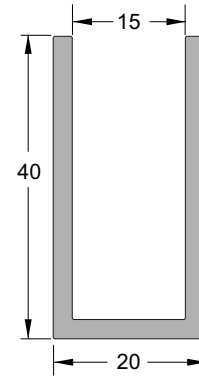
Part No JA168/3 or JA168/5
 Aluminium Channel Section extrusion.
 SCC, NAT or Bright Polish (STE) finishes

Note: Bright Polish (STE) finish 3m lengths only

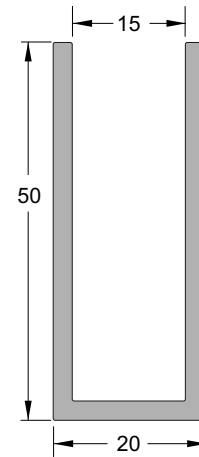


Part No JA169/3 or JA169/5
 Aluminium Channel Section extrusion.
 SCC, NAT or Bright Polish (STE) finishes

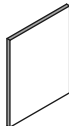
Note: Bright Polish (STE) finish 3m lengths only



Part No JA170/5
 Aluminium Channel Section extrusion.
 SCC or NAT finishes



Channel End Caps



G/GC25/EC/NAT	NAT	Channel End Cap 20 x 25
G/GC25/EC	SCC	



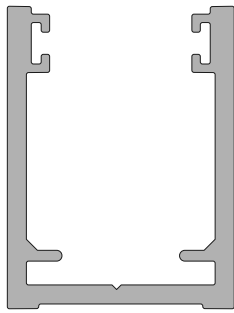
G/GC40/EC/NAT	NAT	Channel End Cap 20 x 40
G/GC40/EC	SCC	



G/GC50/EC/NAT	NAT	Channel End Cap 20 x 50
G/GC50/EC	SCC	

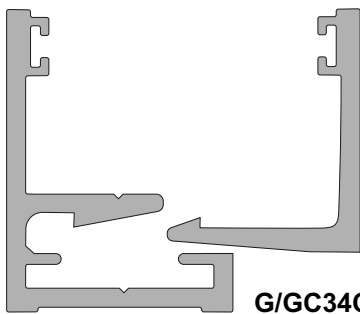
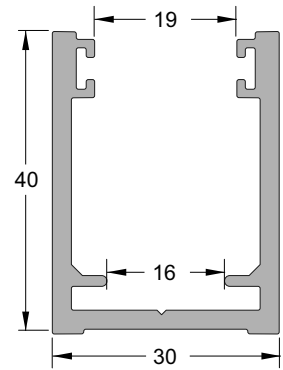
GC SERIES

34 Series Channel Sections 8-12mm Glass



G/GC34/5

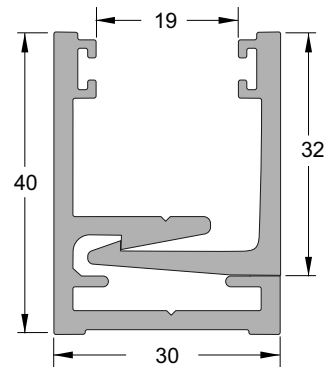
Aluminium Single Piece Channel extrusion
For Toughened or Laminated Glass Panels
8mm to 12mm Glass (19mm Glazing Pocket)
SCC or NAT finishes



G/GC34C/5

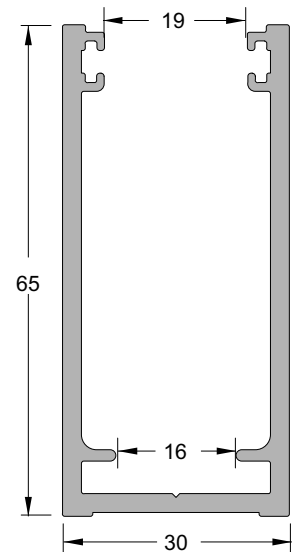
G/GC34B/5

Aluminium Two Piece Channel Section extrusion
For Toughened or Laminated Glass Panels
8mm to 12mm Glass (19mm Glazing Pocket)
SCC or NAT finishes

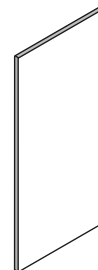
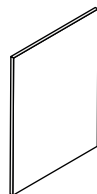


G/GC365/5

Aluminium Single Piece Channel extrusion
For Toughened or Laminated Glass Panels
8mm to 12mm Glass (19mm Glazing Pocket)
SCC or NAT finishes



Channel End Caps

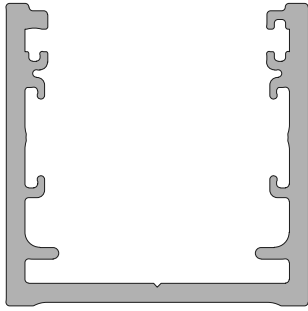


G/GC34/EC/NAT	NAT	Channel End Cap
G/GC34/EC	SCC	40 x 30

G/GC365/EC/NAT	NAT	Channel End Cap
G/GC365/EC	SCC	65 x 30

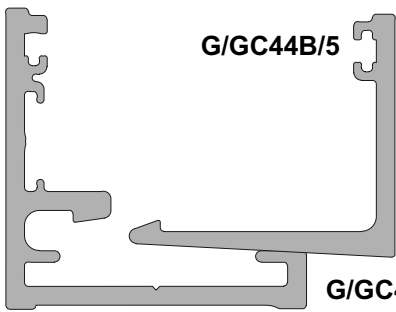
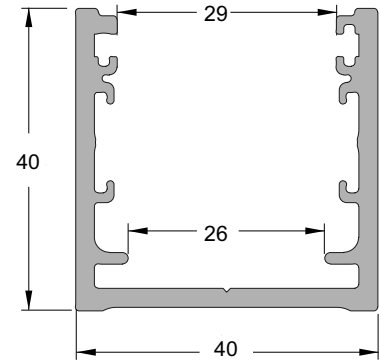
GC SERIES

44 Series Channel Sections 15-19mm Glass



G/GC44/5

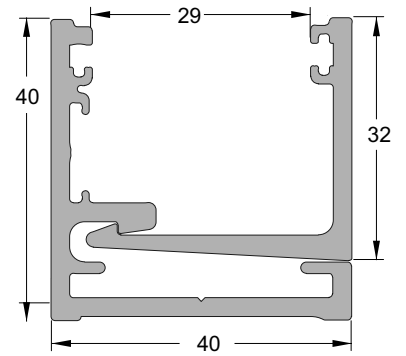
Aluminium Single Piece Channel extrusion
For Toughened or Laminated Glass Panels
15mm to 19mm Glass (29mm Glazing Pocket)
SCC or NAT finishes



G/GC44B/5

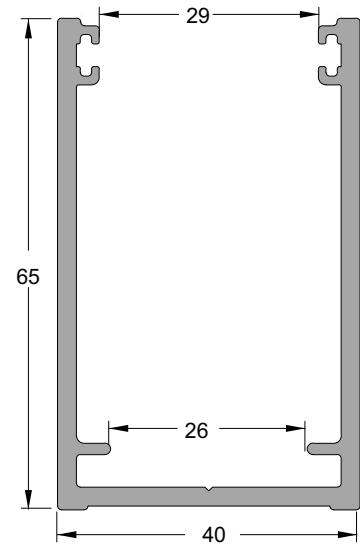
G/GC44C/5

Aluminium Two Piece Channel extrusion
For Toughened or Laminated Glass Panels
15mm to 19mm Glass (29mm Glazing Pocket)
SCC or NAT finishes

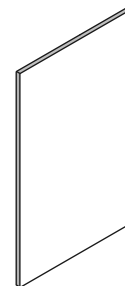
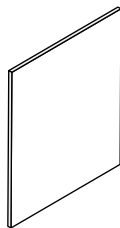


G/GC465/5

Aluminium Single Piece Channel extrusion
For Toughened or Laminated Glass Panels
15mm to 19mm Glass (29mm Glazing Pocket)
SCC or NAT finishes



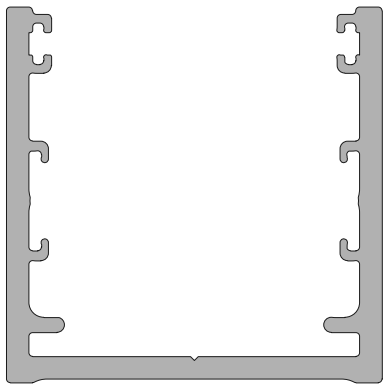
Channel End Caps



G/GC44/EC/NAT	NAT	Channel End Cap
G/GC44/EC	SCC	40 x 40

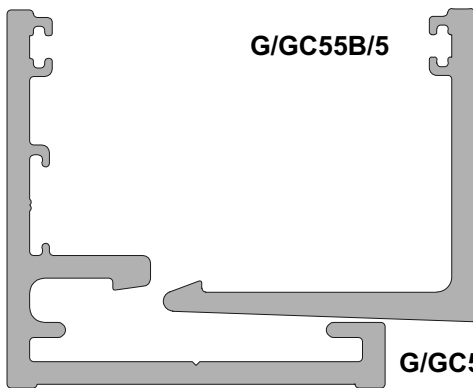
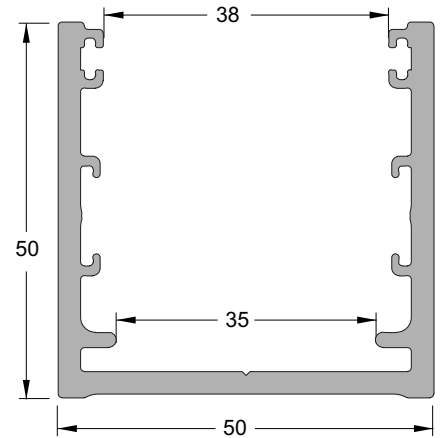
G/GC465/EC/NAT	NAT	Channel End Cap
G/GC465/EC	SCC	65 x 40

GC SERIES
55 Series Channel Sections 25mm Glass



G/GC55/5

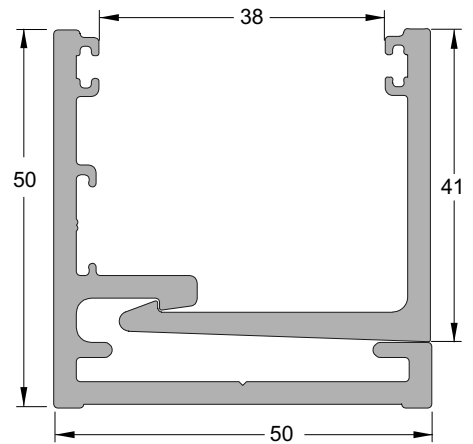
Aluminium Single Piece Channel extrusion
 For Toughened or Laminated Glass Panels
 25mm Glass (38mm Glazing Pocket)
 SCC or NAT finishes



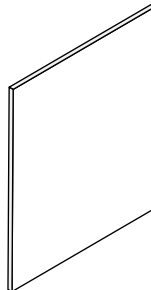
G/GC55B/5

G/GC55C/5

Aluminium Two Piece Channel extrusion
 For Toughened or Laminated Glass Panels
 25mm Glass (38mm Glazing Pocket)
 SCC or NAT finishes



Channel End Caps



G/GC55EC/NAT	NAT	Channel End Cap 50 x 50
G/GC55/EC	SCC	

Juralco Frameless Commercial Hardware - General Information



Key Features

Partitions can be custom fitted to spaces of all shapes and sizes.

All glass joints can be connected with clear joints for a seamless transparent glass installation.

Get the illusion of a larger space.

Reduce power bills for lighting with more natural light.

Instantly modernise your space with an architectural look.

Help reduce noise levels.

Channel Designs – Various to suit glass thickness and weights.

End Caps – Various to suit channel designs.

Universal Joiners available.

Glazing Wedges, Backing Seals and Setting Blocks (Santoprene).

Channel Types

34 Series – Channel Aluminium Extrusion. 8-12mm Glass

44 Series – Channel Aluminium Extrusion. 15-19mm Glass

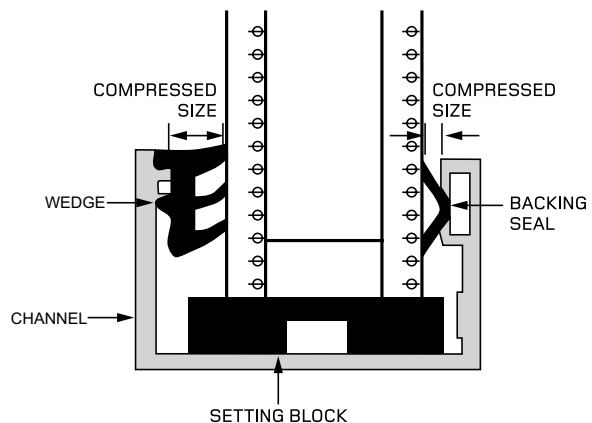
55 Series – Channel Aluminium Extrusion. 25mm Glass

Setting Blocks

Material is a specific mixture of Santoprene™ with added polypropylene to increase hardness.

Hardness – Shore A 80 approximate.

Channels are available in NAT or SCC



Juralco Frameless Commercial Hardware - Glass Care and Maintenance

Glass Cleaning and Maintenance

Architectural glass products must be properly cleaned during the construction period so visual and aesthetic clarity are maintained. Because glass can be permanently damaged if improperly cleaned, glass producers and fabricators recommend strict compliance with the following procedures.

First, determine whether the glass is clear, tinted or reflective. Surface damage is more noticeable on reflective glass compared with the other glass products. If the reflective coated surface is exposed, either on the exterior or interior, special care must be taken when cleaning, as scratches can result in coating removal and a visible change in light transmittance. Cleaning tinted and reflective glass in direct sunlight should be avoided. Cleaning should begin at the top of the building and continue to the lower levels.

Commence cleaning by soaking the glass surfaces with clean water and a soap solution to loosen dirt or debris. Then, using a mild, non-abrasive commercial window washing solution, uniformly apply the solution to the glass surfaces with a non-abrasive applicator and follow with a squeegee to remove all of the cleaning solution from the glass surface.

Ensure that no metal parts of the cleaning equipment touch the glass surface and that no abrasive particles are trapped between the glass and the cleaning materials. All water and cleaning solution residue should be dried from the window gaskets, sealants and frames.

Scratches and Metal Scrapers

Scratches can occur from hard pointed objects or poor handling, but most often occurs from the careless removal of foreign matter from the glass surface.

Mortar splatter and paint are common offenders and efforts to remove after hardening almost always lead to surface damage. It is essential that the foreign materials are removed before they harden. Better still, if construction work continues after glazing, that the glazed areas are protected by adhesive plastic films or suitable tarpaulins or covers.

One of the common mistakes made by non-glass trades people, including glass cleaning contractors, is the use of razor blades or other metal scrapers on a large portion of the glass surface. Using large blades to scrape a window clean carries considerable risk of causing damage to the glass.

The glass industry, fabricators, distributors and installers neither condones nor recommends any scraping of glass surfaces with metal blades or knives. Such scraping usually permanently damages or scratches the glass surfaces. When paint or other construction materials cannot be removed with normal cleaning procedures, a new 25mm razor blade may have to be used. The razor blade should be used on small spots only. Cleaning should be done in one direction only. Never scrape in a back and forth motion as this could trap particles under the blade that could scratch the glass.

Blades or scrapers can dislodge "pickup" on toughened glass. There are fine particles of glass that are fused on to the surface during toughening. Once dislodged they can scratch the glass.

Glass Cleaning, Do's and Don'ts

DO NOT..

- Do Not - Use Scrapers of any type or size on a Glass surface
- Do Not - Leave building dirt or residues to remain on Glass for a period of time.
- Do Not - Begin cleaning glass until you have identified the surface type.
- Do Not - Clean Glass surfaces in direct sunlight.
- Do Not - Allow dirty water or cleaning residues to remain on the Glass.
- Do Not - Begin cleaning before rinsing off a loose residues.
- Do Not - Use abrasive cleaning solutions, materials or solvents.
- Do Not - Allow metal parts of the cleaning equipment to come in contact with the Glass.
- Do Not - Trap abrasive particles between the cleaning material and the Glass.

DO...

- Clean glass promptly when dirt or building residues appear.
- Determine glass surface type.
- Exercise special care when cleaning coated surfaces.
- Avoid cleaning glass surfaces in direct sunlight.
- Start cleaning at the top of a building, then continue to lower levels.
- Soak the glass surface in a clean soapy solution before cleaning.
- Use a mild non abrasive commercial cleaner.
- Use a squeegee to remove all cleaning solution.
- Try your procedures on a small window and check.
- Caution other trades re the care and protection of the glass surfaces.

**Residues of surface grit may be present from the toughening production process.
These grit particles must not be dragged across the surface.
NEVER use Metal Scrapers**

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Juralco Frameless Commercial Hardware

Issue 9-23 v2
Page 45