



GEZE SGG

SOLUTIONS FOR TOUGHENED GLASS



# Solutions for Toughened Glass

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E&OE



## GEZE SGG - SOLUTIONS FOR TOUGHENED GLASS

SGG  
SGG  
SGG  
GEZE

### Introducing SGG from GEZE

### A range of fittings for toughened glass doors and assemblies



### The GEZE SGG range.

This range of fittings differs from anything else available, as it has been designed with the constantly changing and innovative glass market in mind.

All fittings are designed to suit various thicknesses of single sheet toughened glass - from 8mm to 12mm as standard, with 15mm and 19mm also available.

GEZE SGG has been created as a modular system, with all fittings designed to complement each other, with a huge variety of different designs possible.

All GEZE SGG fittings have been fully tested to ensure that they can achieve maximum performance. (Minimum 500,000 cycles).

This guide is designed to give an overview of the full GEZE SGG range.

- ▶ **GEZE SGG a range of fittings for toughened glass**
- ▶ **GEZE SGG to suit from 8mm to 19mm glass**
- ▶ **GEZE SGG fully tested for maximum performance**



## GEZE SGG Specification...

The following pages are designed in order to assist with the specification of your toughened glass doors and assemblies. A variety of different options are shown, each with a detailed drawing and a complete specification. If it is not shown, it does not mean that it is not available - just contact our technical department for further information.

Patch fittings are available for 8,10,12,15 and 19mm toughened glass. 76mm door rails are designed to suit 8,10 and 12mm glass, whilst the 105mm door rail are designed for 10,12,15 and 19mm toughened glass.

Fittings shown are available in the following finishes as standard items - mill, silver anodised aluminium (EV1), satin stainless steel and polished stainless steel. Other finishes are available as special order items on request.

Various closers, and different types of locking arrangements are also available in addition to those shown.



# Doors Defined

GEZE offer a complete range of fittings designed to suit all types of doors

## Double Action Doors

- ▶ Doors which are able to operate in both directions from a centrally positioned pivot point.
- ▶ May operate with floorsprings, free swing pivots or concealed transom closers.
- ▶ Pivot point (from edge of door) may be 22mm, 52mm or 62mm as standard (based on 12mm glass).
- ▶ Other pivot points (when using rails) are available upon request.

## Single Action Doors

- ▶ Doors which can only be operated in a single direction.
- ▶ Doors with either offset pivot points, or centrally pivoted in combination with a stop.
- ▶ Offset position is 58mm as standard (distance from centre line of door to centre of pivot point) with 59-74mm available upon special request. A variety of FREE GLASS EDGE fittings are available.

## Pinch Free Doors

Centrally pivoted doors with a pivot point of 18mm. Designed to move the pivot point closer to the edge of the door, thereby removing the potential for 'finger trap'.

## External Doors

Any doors using either door rails or patch fittings (or a combination of both), which provide access to external areas.

## Internal Doors

Doors using either patch fittings and door rails, or Studio / Junior fittings (hinges and interior lock sets and latches) which are for internal use only.

## Internal Doors (Studio 85)

Internal doors, using horizontal style fittings (hinges, locks, latches and strikes). Hinges can be replaced by door rails or patch fittings if required.

## Internal Doors (Junior)

Internal doors using upright style fittings (hinges, locks, latches and strikes). Hinges can be replaced by door rails or patch fittings if required.



## GEZE SGG - 'A' Type Doors



Full height doors with rails at top and bottom.  
 For use with 8mm to 19mm toughened glass.  
 Rails can also incorporate locks (Europrofile).  
 Top rails can also accommodate electric locks.  
 Choice of rail heights: 76mm or 105mm.  
 For use with floorsprings or floor pivots,  
 also for use with overhead closers.  
 Rail may also be used for fixed panels.

### Available Finishes

Mill finish (for powder coating by others)  
 Satin anodised aluminium (SAA)  
 Satin stainless steel  
 Polished stainless steel

### Centre Pivoted Doors (Double Action)

Maximum width : 1400mm  
 Maximum weight : 140kg  
 Maximum height (internal) : 2800mm  
 Maximum height (external) : 2800mm

### Offset Pivoted Doors (Single Action) With 58mm pivot point

Maximum width : 1200mm  
 Maximum weight : 120kg  
 Maximum height (internal) : 2400mm  
 Maximum height (external) : 2400mm

### Offset Pivoted Doors (Single Action) With 59-74mm pivot point

Maximum width : 1000mm  
 Maximum weight : 100kg  
 Maximum height (internal) : 2400mm  
 Maximum height (external) : 2400mm

## GEZE SGG - 'B' Type Doors



Doors with bottom rail & patch fitting at top  
 for use with 8mm to 19mm toughened glass.  
 Full height doors/doors with transom panels.  
 Rails can incorporate locks (Europrofile) with  
 a choice of rail heights: 76mm or 105mm.  
 For use with floorsprings or floor pivots,  
 for use with overhead closers.  
 Rail may also be used with fixed panels.

### Available Finishes

Mill finish (for powder coating by others)  
 Satin anodised aluminium (SAA)  
 Satin stainless steel  
 Polished stainless steel

### Centre Pivoted Doors (Double Action)

Maximum width : 1400mm  
 Maximum weight : 140kg  
 Maximum height (internal) : 2800mm  
 Maximum height (external) : 2800mm

### Offset Pivoted Doors (Single Action) With 58mm pivot point

Maximum width : 1200mm  
 Maximum weight : 120kg  
 Maximum height (internal) : 2400mm  
 Maximum height (external) : 2400mm

### Offset Pivoted Doors (Single Action) With 59-74mm pivot point

Maximum width : 1000mm  
 Maximum weight : 100kg  
 Maximum height (internal) : 2400mm  
 Maximum height (external) : 2400mm

## GEZE SGG - 'C' Type Doors



Doors with patch fittings at top and bottom, for use with 8mm to 19mm toughened glass. Full height doors or doors with transom panels, for use with floorsprings or floor pivots. For use with overhead closers.

### Available Finishes

Mill finish (for powder coating by others)  
Satin anodised aluminium (SAA)  
Satin stainless steel  
Polished stainless steel

### Centre Pivoted Doors (Double Action)

Maximum width : 1200mm  
Maximum weight : 120kg  
Maximum height (internal) : 2800mm  
Maximum height (external) : 2800mm

### Offset Pivoted Doors (Single Action) With 58mm pivot point

Maximum width : 1100mm  
Maximum weight : 100kg  
Maximum height (internal) : 2400mm  
Maximum height (external) : 2400mm

### Offset Pivoted Doors (Single Action) With 59-74mm pivot point

Maximum width : 1000mm  
Maximum weight : 80kg  
Maximum height (internal) : 2400mm  
Maximum height (external) : 2400mm

## Fins - Guidelines

The use of fins is designed to stabilise "All Glass Assemblies" and direct excessive movement to the head. Failure to utilise fins can result in excessive movement leading to complete failure of the whole assembly.

GEZE recommend the use of stabilising fins when one or all of the following criteria occur.

- a** The width of the side panel and the height of the overpanel together exceeds 1400mm.
- b** Two doors are pivoted back to back.

Fins should be securely bolted (minimum two holes) at the head to a structure designed to take the load. Wind loading must be considered. Fins should be constructed of minimum 12mm glass thickness and be no less than 150mm at the bottom and no less than 300mm at the top.

## Handing

**Pull side of the door hinged on left** = left handed  
**Pull side of the door hinged on right** = right handed

## Guide to Product Prefixes

<b>PTP</b> - Pivoted Door Patch	<b>ATP</b> - Single Action Door Patch
<b>PTR</b> - Pivoted Door Rail	<b>ATR</b> - Single Action Door Rail
<b>PTS</b> - Pivoted Door Strike	<b>PFP</b> - Pinch Free Pivot Patch
<b>PTL</b> - Pivoted Door Lock	<b>PFR</b> - Pinch Free Door Rail
<b>PTC</b> - Pivoted Door Rail Component	<b>LH</b> - Left Hand <b>RH</b> - Right Hand



# Glass preparation and performance

## Glass Preparation

### Single Glass Door – Centrally Pivoted and Offset Pivot Point

Confirm tight opening size.

Deduct 12mm from opening height (8mm under door, 4mm above).

Deduct 6mm from opening width (3mm clearance either side of door).

This gives the finished door size.

### Pair of Glass Doors – Centrally Pivoted

Confirm tight opening size.

Deduct 12mm from opening height (8mm under door, 4mm above).

Deduct 10mm from opening width (3mm clearance either side from door to frame/ fixed panel, plus 4mm between doors).

Divided by two, this gives the finished door sizes.

### Even Pair of Glass Doors – Offset Pivot Point

Confirm tight opening size.

Deduct 12mm from opening height (8mm under door, 4mm above).

Deduct 6mm (3mm clearance either side from door to frame/ fixed panel) PLUS also make the following deduction, to allow for the gap between the doors;

Door width	Gap required
600mm / 600mm	10mm
800mm / 800mm	8mm
1000mm / 1000mm	7mm
1200mm / 1200mm	6mm

Divided by two, this gives the finished door sizes.

### Confirming Glass Sizes

If using patch fittings – finished door size is also finished glass size.

If using 76mm door rails – deduct 53mm per rail used to give finished glass height.

If using 105mm door rails – deduct 79mm per rail used to give finished glass height.

## Performance

### Torque Settings

The GEZE SGG range of patch fittings and rails can only obtain maximum strength and performance if they are fixed correctly.

Each element has a specific torque requirement (as shown below), which should be taken into account.

All fixings must be torqued to the correct setting using a torque wrench;

Screw size	Torque setting	Allen key size
M6	10 Nm	5mm
M8	16 Nm	6mm

This will enable the fittings to obtain their maximum potential.

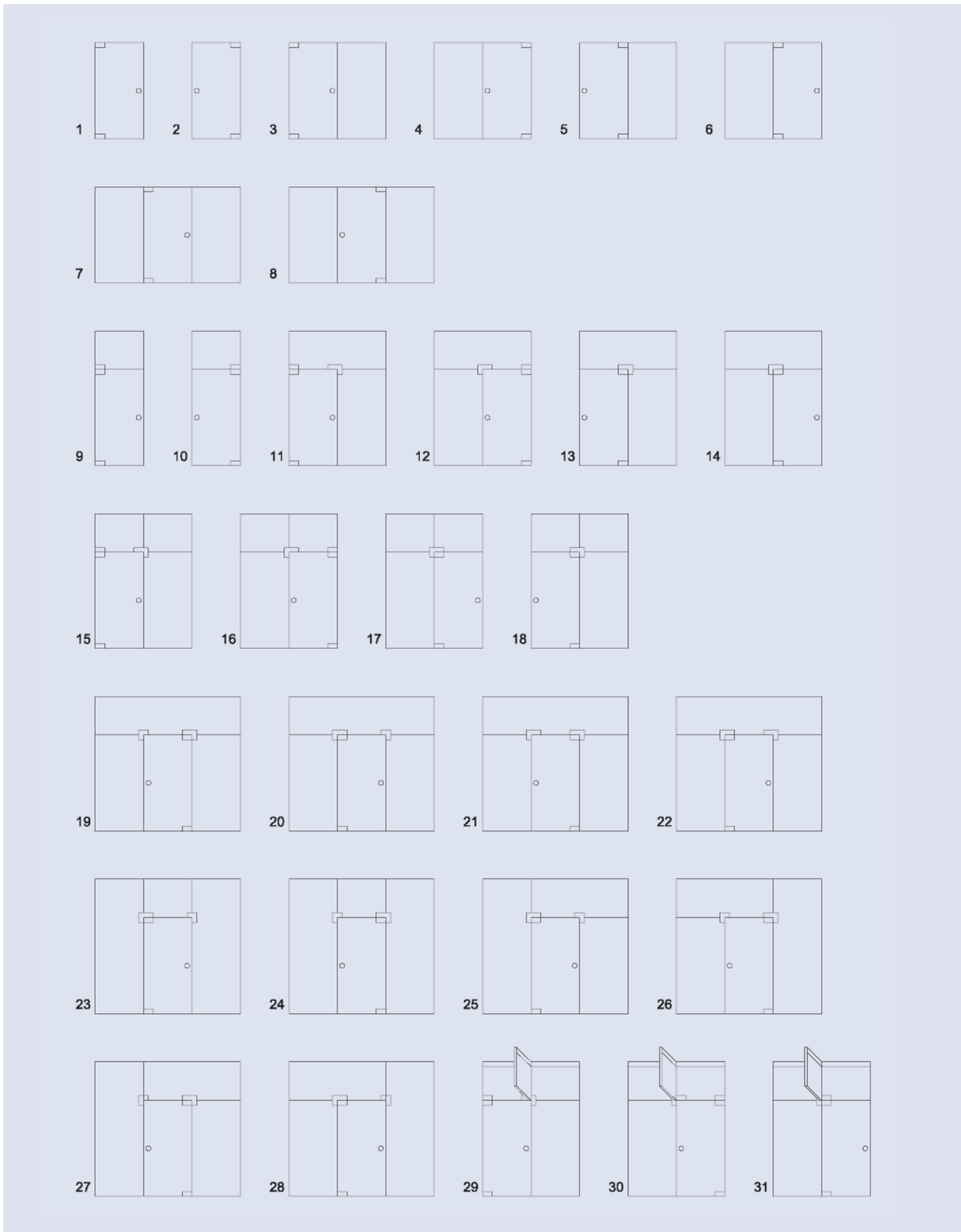
All fittings have been fully tested to ensure that when used correctly, they can perform easily within GEZE guidelines.

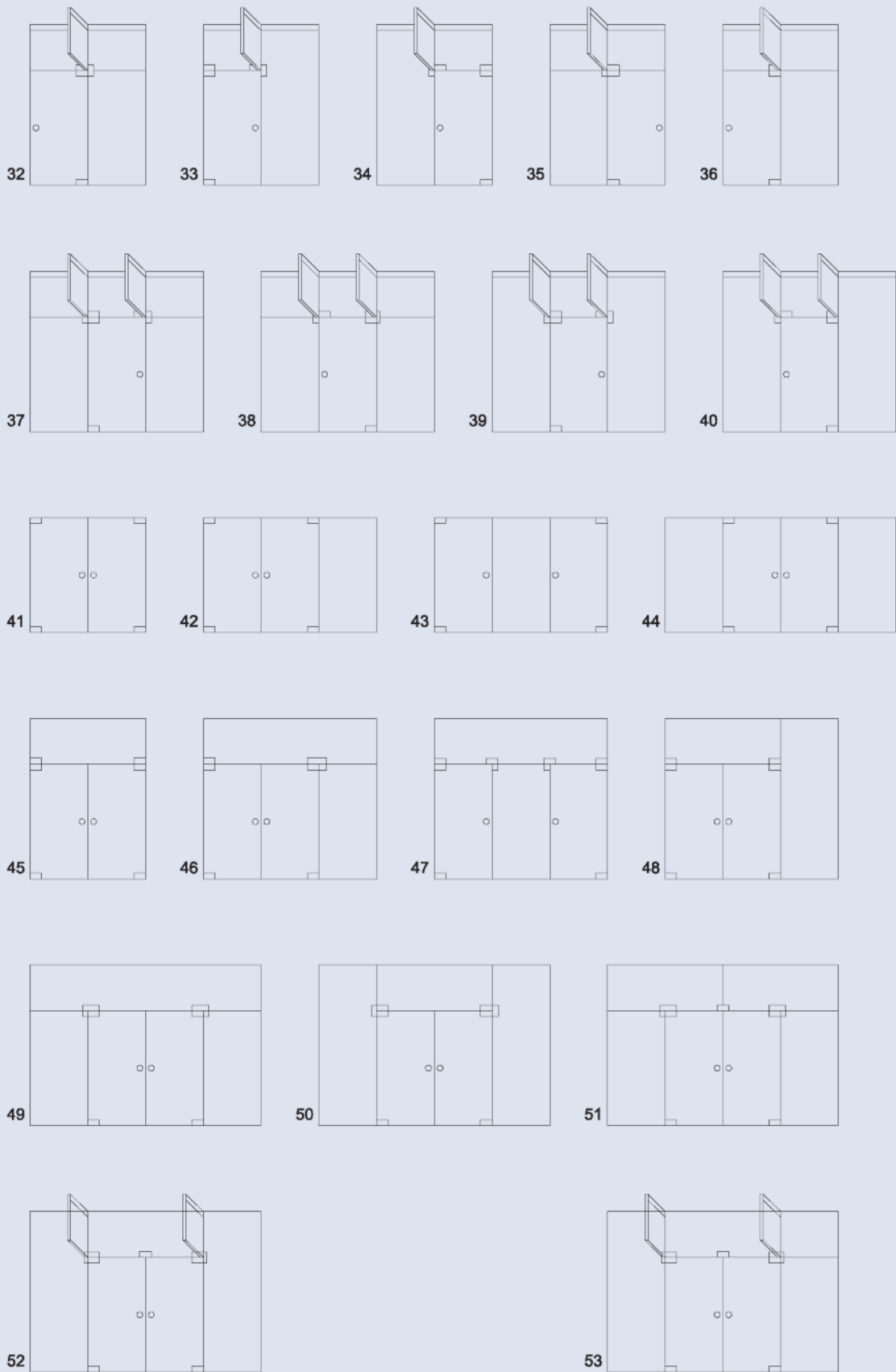
### Testing Results

All pivot patches, fixed patches, door rails and hinges have been tested for 500,000 cycles.

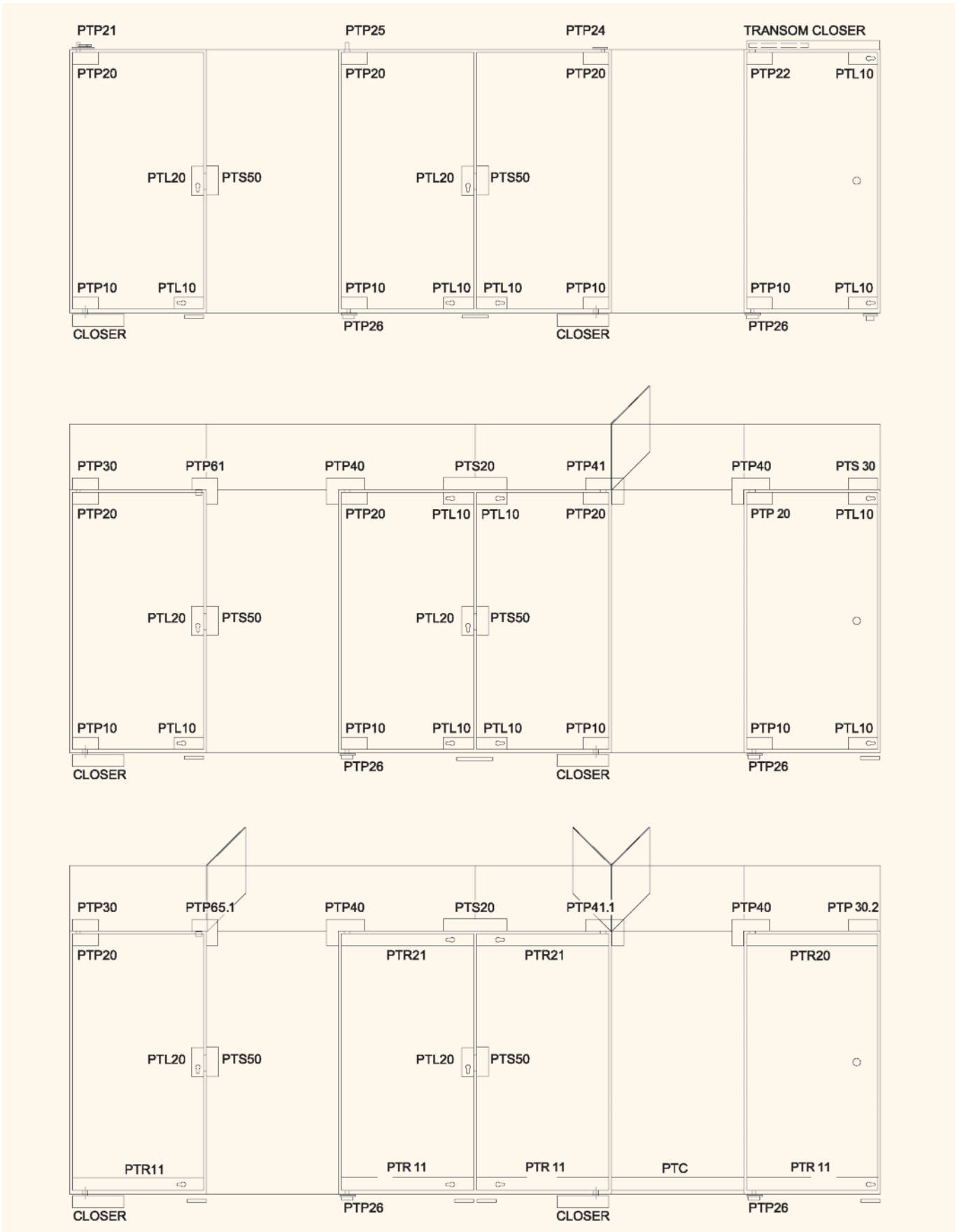


# GEZE SGG Configurations





# GEZE SGG Guide to Components



## Care and Maintenance

Stainless steel and anodised aluminium in general are durable materials, however; in adverse conditions such as high salt and/or pollution areas, a routine cleaning programme is recommended in order to extend the life of the surfaces. The following guidelines should be observed:-

- ▶ Use the mildest cleaning solution that will be effective.
- ▶ Follow the polishing lines when using abrasive cleaners (for stainless steel only).
- ▶ Rinse thoroughly after each cleaning session.
- ▶ Wipe all surfaces completely dry to avoid water marks and/or stains.
- ▶ Avoid using steel scrapers, knives or other sharp objects.

### **Routine cleaning:**

Soap, ammonia, or detergent and warm clean water. Wipe with cloth, rinse and dry thoroughly.

### **Finger prints:**

Remove using soap and warm clean water or an organic solvent.

### **Oil or grease:**

Remove using Alcohol Trichloroethylene (observe safety guidelines from manufacturer).

## Door Type C1

Double action, full height door



'C' type door - no locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP21 Retractable top centre
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

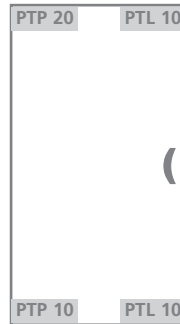
Notes :

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type C2

Double action, full height door



'C' type door - with top and bottom locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 2 x PTL10 Corner patch locks
- 2 x Europrofile cylinders
- 1 x Easy clean floor keep
- 1 x Flat strike plate
- 1 x PTP21 Retractable top centre
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Coverplate

Notes:

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type C1A

Double action, full height door



'C' type door - no locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP22 Top pivot patch fitting with RTS insert
- 1 x Overhead transom closer
- 1 x Free swing floor pivot

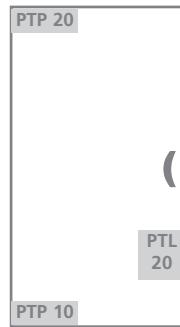
Notes :

All examples assume the use of the following :

- 1) Overhead transom closer
- 2) Free swing floor pivot

## Door Type C3

Double action, full height door



'C' type door, with centre lock

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTL20 Centre patch lock
- 1 x Europrofile cylinders
- 1 x Flat strike plate
- 1 x PTP21 Retractable top centre
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Coverplate

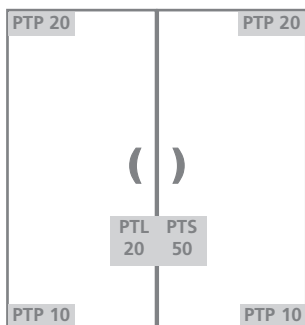
Notes :

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type C4

Double action, full height doors



'C' type pair of doors, with centre lock and keep

- 2 x PTP10 Bottom pivot patch fitting
- 2 x PTP20 Top pivot patch fitting
- 1 x PTL20 Centre patch locks
- 1 x Europrofile cylinders
- 1 x PTS50 Centre strike patch
- 2 x PTP21 Retractable top centre
- 2 x TS550 Heavy duty floorspring
- 2 x TS550 Coverplate

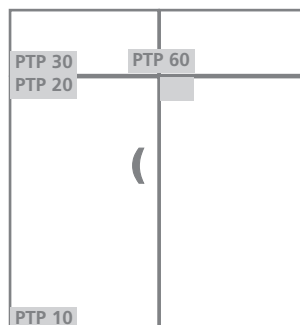
Notes:

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type C6

Double action door, with overpanel & fixed sidewing



'C' type door with overpanel & fixed sidewing - no locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP30 Transom mounted pivot patch
- 1 x PTP30.4 Fixing plate for PTP30
- 1 x PTP60 Transom/Sidewing connector patch
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

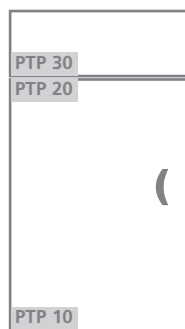
Notes:

All examples assume the use of the following :

- 1) Heavy duty floorspring

## Door Type C5

Double action door, with overpanel



'C' type door & overpanel - no locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP30 Transom mounted pivot patch
- 1 x PTP30.4 Fixing plate for PTP30
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

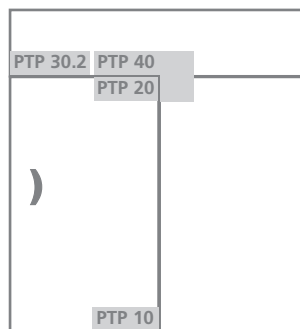
Notes

All examples assume the use of the following :

- 1) Heavy duty floorspring

## Door Type C7

Double action door, with overpanel & fixed sidewing



'C' type door with overpanel & fixed sidewing - no locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP30.2 Transom mounted pivot patch with blank insert
- 1 x PTP30.4 Fixing plate for PTP30
- 1 x PTP40 Transom/Sidewing pivot patch
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

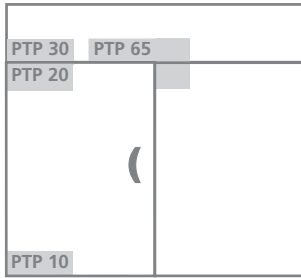
Notes :

All examples assume the use of the following :

- 1) Heavy duty floorspring
- 2) Width of sidewing plus height of transom less than 1400mm

## Door Type C8

Double action door, with overpanel, fixed sidewing & fin



'C' type door with overpanel, fixed sidewing & fin - no locks

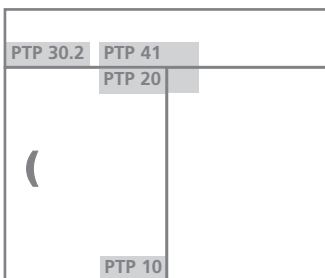
- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP30 Transom mounted pivot patch
- 1 x PTP30.4 Fixing plate for PTP30
- 1 x PTP65 (LH or RH) Transom/Sidewing connector patch with fin attachment
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

Notes :

All examples assume the use of the following :

- 1) Heavy duty floorspring
- 2) Width of sidewing + height of transom greater than 1400mm

## Door Type C9



Double action door, with overpanel, fixed sidewing & fin

'C' type door with overpanel, fixed sidewing & fin - no locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP30.2 Transom mounted pivot patch with blank insert
- 1 x PTP30.4 Fixing plate for PTP30
- 1 x PTP41 (LH or RH) Transom/Sidewing pivot patch with fin attachment
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

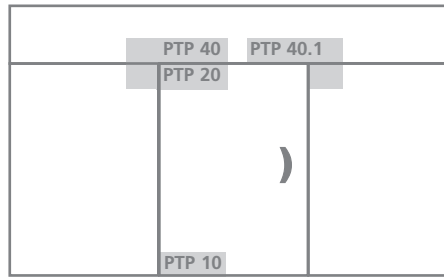
Notes :

All examples assume the use of the following :

- 1) Heavy duty floorspring
- 2) Width of sidewing + height of transom greater than 1400mm

## Door Type C10

Single action door, with overpanel & two fixed sidewings



'C' type door with overpanel & two fixed sidewings - no locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP40 Transom/Sidewing pivot patch
- 1 x PTP40.1 Transom/Sidewing pivot patch with blank insert
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

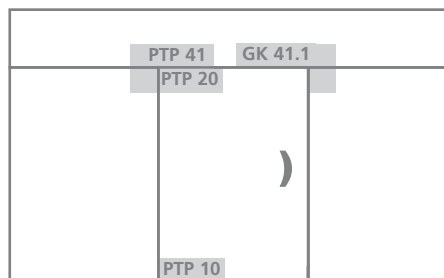
Notes :

All examples assume the use of the following :

- 1) Heavy duty floorspring
- 2) Width of sidewing plus height of transom less than 1400mm

## Door Type C11

Single action door, with overpanel,



Two fixed sidewings & fins

'C' type door with overpanel, two fixed sidewings & fins - no locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP41 (LH or RH) Transom/Sidewing pivot patch with fin attachment
- 1 x GK41.1 (LH or RH) Transom/Sidewing patch with stop insert & fin
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

Notes :

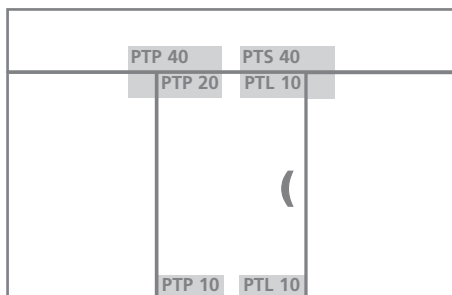
All examples assume the use of the following :

- 1) Heavy duty floorspring
- 2) Width of sidewing + height of transom greater than 1400mm



## Door Type C12

Double action door, with overpanel & two fixed sidewings



'C' type door with overpanel and two fixed sidewings - with locks

- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP40 Transom/Sidewing pivot patch
- 1 x PTS40 Transom/Sidewing strike patch
- 2 x PTL10 Corner patch locks
- 2 x Europrofile cylinders
- 1 x Easy clean floor keep
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

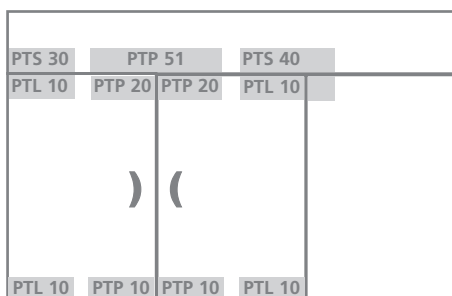
Notes :

All examples assume the use of the following :

- 1) Heavy duty floorspring
- 2) Width of sidewing plus height of transom less than 1400mm

## Door Type C13

Double action pair of doors, with overpanel & fixed sidewing



'C' type door with overpanel and fixed sidewing - with locks

- 2 x PTP10 Bottom pivot patch fitting
- 2 x PTP20 Top pivot patch fitting
- 1 x PTP51 Double transom pivot patch
- 1 x PTS40 Transom/Sidewing strike patch
- 1 x PTS30 Transom mounted single strike patch
- 1 x PTP30.4 Fixing plate for PTS30
- 4 x PTL10 Corner patch locks
- 4 x Europrofile cylinders
- 2 x Easy clean floor keep
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

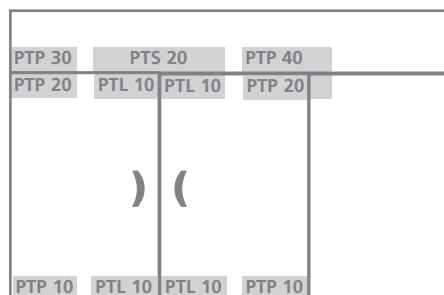
Notes :

All examples assume the use of the following :

- 1) Heavy duty floorspring
- 2) Width of sidewing plus height of transom less than 1400mm

## Door Type C14

Double action pair of doors, with overpanel & fixed sidewing



'C' type door with overpanel and fixed sidewing - with locks

- 2 x PTP10 Bottom pivot patch fitting
- 2 x PTP20 Top pivot patch fitting
- 1 x PTS20 Double transom strike patch
- 1 x PTP40 Transom/Sidewing pivot patch
- 1 x PTP30 Transom mounted pivot patch
- 1 x PTP30.4 Fixing plate for PTP30
- 4 x PTL10 Corner patch locks
- 4 x Europrofile cylinders
- 2 x Easy clean floor keep
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

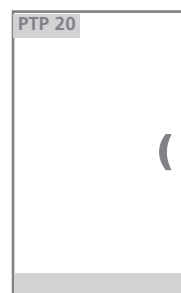
Notes :

All examples assume the use of the following :

- 1) Heavy duty floorspring
- 2) Width of sidewing plus height of transom less than 1400mm

## Door Type B1

Double action, full height door



'B' type door - no locks

- 1 x 76mm/105mm Bottom door rail, no lock
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP21 Retractable top centre
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

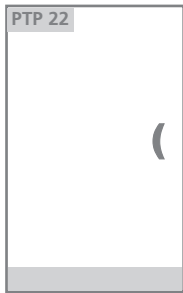
Notes :

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type B1

Double action, full height door



'B' type door - no locks

- 1 x 76mm/105mm Bottom door rail, no lock
- 1 x PTP22 Top pivot patch fitting with RTS insert
- 1 x Overhead transom closer
- 1 x Free swing floor pivot

Notes :

All examples assume the use of the following :

- 1) Overhead transom closer
- 2) Free swing floor pivot

## Door Type B2

Double action, full height door



'B' type door - with top and bottom locks

- 1 x 76mm/105mm Bottom door rail, with square profile lock
- 1 x PTP20 Top pivot patch fitting
- 1 x PTL10 Corner patch lock
- 2 x Europrofile cylinders
- 1 x Easy clean floor keep
- 1 x Flat strike plate
- 1 x PTP21 Retractable top centre
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

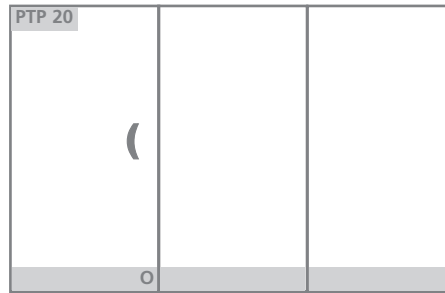
Notes :

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type B3

Double action, full height door with two fixed sidewings



'B' type door with bottom lock & two fixed sidewings

- 1 x 76mm/105mm Bottom door rail, with square profile lock
- 1 x PTP20 Top pivot patch fitting
- 2 x 76mm/105mm Bottom sidewing rails with filler section
- 1 x Europrofile cylinders
- 1 x Easy clean floor keep
- 1 x PTP21 Retractable top centre
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

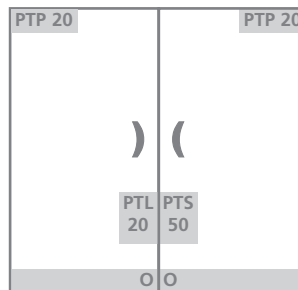
Notes :

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type B4

Double action, full height pair of doors



'B' type pair of doors with bottom and centre locks

- 2 x 76mm/105mm Bottom door rail, with square profile lock
- 2 x PTP20 Top pivot patch fitting
- 1 x PTL20 Centre patch lock
- 1 x PTS50 Centre strike patch
- 3 x Europrofile cylinders
- 2 x Easy clean floor keep
- 2 x PTP21 Retractable top centre
- 2 x TS550 Heavy duty floorspring
- 2 x TS550 Floorspring coverplate

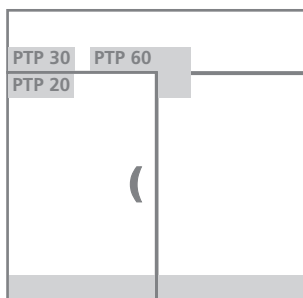
Notes :

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type B5

Double action door with overpanel and fixed sidewing



'B' type door, with overpanel and fixed sidewing - no locks

- 1 x 76mm/105mm Bottom door rail, no lock
- 1 x 76mm/105mm Bottom sidewing rail with filler section
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP30 Transom mounted pivot patch
- 1 x PTP30.4 Fixing plate for PTP30
- 1 x PTP60 Transom/Sidewing connector patch
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

Notes :

All examples assume the use of the following :

- 1) Heavy duty floorspring
- 2) Width of sidewing plus height of transom less than 1400mm

## Door Type A1A

Double action, full height door



'A' type door - no locks

- 1 x 76mm/105mm Top door rail with RTS insert, no lock
- 1 x 76mm/105mm Bottom door rail, no lock
- 1 x Overhead transom closer
- 1 x Free swing floor pivot

Notes :

All examples assume the use of the following :

- 1) Overhead transom closer
- 2) Free swing floor pivot

## Door Type A1

Double action, full height door



'A' type door - no locks

- 1 x 76mm/105mm Top door rail, no lock
- 1 x 76mm/105mm Bottom door rail, no lock
- 1 x PTP21 Retractable top centre
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

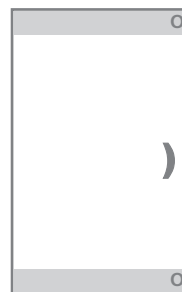
Notes :

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type A2

Double action, full height door



'A' type door - with top and bottom locks

- 1 x 76mm/105mm Top door rail, with square profile lock
- 1 x 76mm/105mm Bottom door rail, with square profile lock
- 2 x Europrofile cylinders
- 1 x Easy clean floor keep
- 1 x Flat strike plate
- 1 x PTP21 Retractable top centre
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

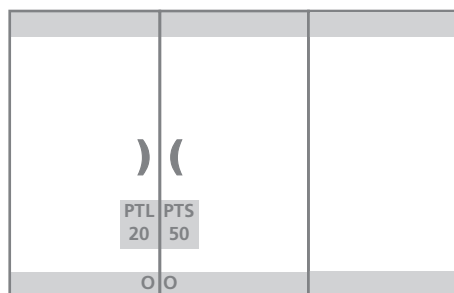
Notes :

All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

## Door Type A3

**Double action, full height pair of doors with fixed sidewing**



*'A' type pair of doors - with bottom and centre locks - and fixed sidewing*

- 2 x 76mm/105mm Top door rail, no lock
- 2 x 76mm/105mm Bottom door rail, with lock
- 1 x 76mm/105mm Top fixed sidewing rail with top filler section
- 1 x 76mm/105mm Bottom fixed sidewing rail with bottom filler section
- 1 x PTL20 Centre patch lock
- 1 x PTS50 Centre strike patch
- 3 x Europrofile cylinders
- 2 x Easy clean floor keep
- 2 x PTP21 Retractable top centre
- 2 x TS550 Heavy duty floorspring
- 2 x TS550 Floorspring coverplate

Notes :

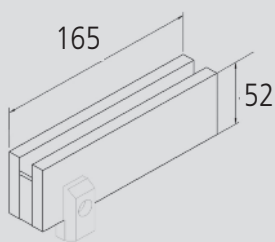
All examples assume the use of the following :

- 1) Retractable top centre
- 2) Heavy duty floorspring

# GEZE SGG Price List

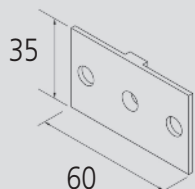
**Pivoted patch fittings**

		<p><b>PTP 10 Bottom pivot patch LH or RH</b> Complete with insert to suit GEZE range of floor springs or free swing bottom pivot PTP26 (52 or 62mm pivot point)</p>	<table border="1"> <thead> <tr> <th></th> <th>8,10,12mm</th> <th>15mm</th> <th>19mm</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91536</td> <td>92010</td> <td>92014</td> </tr> <tr> <td>SAA</td> <td>91537</td> <td>92011</td> <td>92055</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91538</td> <td>92012</td> <td>92056</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91539</td> <td>92013</td> <td>92057</td> </tr> </tbody> </table>		8,10,12mm	15mm	19mm	Mill	91536	92010	92014	SAA	91537	92011	92055	Satin Stainless Steel	91538	92012	92056	Polished Stainless Steel	91539	92013	92057				
	8,10,12mm	15mm	19mm																								
Mill	91536	92010	92014																								
SAA	91537	92011	92055																								
Satin Stainless Steel	91538	92012	92056																								
Polished Stainless Steel	91539	92013	92057																								
		<p><b>PTP 20 Top pivot patch LH or RH</b> Complete with insert to suit top pivots with 15mm Ø pins (52 or 62mm pivot point)</p>	<table border="1"> <thead> <tr> <th></th> <th>8,10,12mm</th> <th>15mm</th> <th>19mm</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91542</td> <td>91923</td> <td>92077</td> </tr> <tr> <td>SAA</td> <td>91543</td> <td>91924</td> <td>92078</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91544</td> <td>92075</td> <td>92079</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91545</td> <td>92076</td> <td>92080</td> </tr> </tbody> </table>		8,10,12mm	15mm	19mm	Mill	91542	91923	92077	SAA	91543	91924	92078	Satin Stainless Steel	91544	92075	92079	Polished Stainless Steel	91545	92076	92080				
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SAA	91543	91924	92078																								
Satin Stainless Steel	91544	92075	92079																								
Polished Stainless Steel	91545	92076	92080																								
		<p><b>PTP 22 Top pivot patch LH or RH</b> Complete with RTS insert to suit GEZE transom closer</p>	<table border="1"> <thead> <tr> <th></th> <th>8,10,12mm</th> <th>15mm</th> <th>19mm</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91552</td> <td>92081</td> <td>92086</td> </tr> <tr> <td>SAA</td> <td>91553</td> <td>92082</td> <td>92087</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91554</td> <td>92083</td> <td>92088</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91575</td> <td>92085</td> <td>92089</td> </tr> </tbody> </table>		8,10,12mm	15mm	19mm	Mill	91552	92081	92086	SAA	91553	92082	92087	Satin Stainless Steel	91554	92083	92088	Polished Stainless Steel	91575	92085	92089				
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Mill	91552	92081	92086																								
SAA	91553	92082	92087																								
Satin Stainless Steel	91554	92083	92088																								
Polished Stainless Steel	91575	92085	92089																								
		<p><b>PTP 29 Top pivot patch LH or RH*</b> Complete with frame fixing plate (55mm pivot point)</p>	<table border="1"> <thead> <tr> <th></th> <th>10mm ONLY</th> <th>10mm</th> <th></th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td></td> <td>91734</td> <td></td> </tr> <tr> <td>SAA</td> <td></td> <td>91755</td> <td></td> </tr> <tr> <td>Satin Stainless Steel</td> <td></td> <td>91756</td> <td></td> </tr> <tr> <td>Polished Stainless Steel</td> <td></td> <td>91757</td> <td></td> </tr> </tbody> </table> <p>*maximum 35kg leaf weight when used as a pair</p>		10mm ONLY	10mm		Mill		91734		SAA		91755		Satin Stainless Steel		91756		Polished Stainless Steel		91757					
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SAA		91755																									
Satin Stainless Steel		91756																									
Polished Stainless Steel		91757																									
		<p><b>PTP 30 Overpanel pivot patch LH or RH</b> Complete with 15mm Ø pin to suit PTP 20 or PTR 20</p>	<table border="1"> <thead> <tr> <th></th> <th>8,10,12mm</th> <th>15mm</th> <th>19mm</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91623</td> <td>92098</td> <td>92102</td> </tr> <tr> <td>SAA</td> <td>91624</td> <td>92099</td> <td>92103</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91625</td> <td>92100</td> <td>92104</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91626</td> <td>92101</td> <td>92105</td> </tr> </tbody> </table>		8,10,12mm	15mm	19mm	Mill	91623	92098	92102	SAA	91624	92099	92103	Satin Stainless Steel	91625	92100	92104	Polished Stainless Steel	91626	92101	92105				
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Mill	91623	92098	92102																								
SAA	91624	92099	92103																								
Satin Stainless Steel	91625	92100	92104																								
Polished Stainless Steel	91626	92101	92105																								
		<p><b>PTP 30.2 Transom patch with stop</b></p>	<table border="1"> <thead> <tr> <th></th> <th>LH</th> <th>LH</th> <th>LH</th> </tr> <tr> <th></th> <th>8,10,12mm</th> <th>15mm</th> <th>19mm</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91628</td> <td>92106</td> <td>116507</td> </tr> <tr> <td>SAA</td> <td>91629</td> <td>92107</td> <td>116508</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91630</td> <td>92108</td> <td>116509</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91631</td> <td>92109</td> <td>116510</td> </tr> </tbody> </table>		LH	LH	LH		8,10,12mm	15mm	19mm	Mill	91628	92106	116507	SAA	91629	92107	116508	Satin Stainless Steel	91630	92108	116509	Polished Stainless Steel	91631	92109	116510
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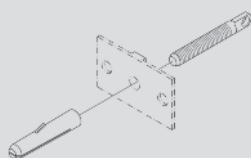
**PTP 30.2 Transom patch with stop**

	RH 8,10,12mm	RH 15mm	RH 19mm
Mill	116483	116491	116511
SAA	116484	116492	116512
Satin Stainless Steel	116485	116493	116514
Polished Stainless Steel	116486	116494	116515



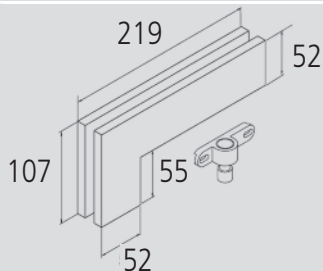
**PTP 30.4 Wall fixing plate**

To suit PTP 30	Ident
Mill	91681
SAA	91682
Satin Stainless Steel	91683
Polished Stainless Steel	91684



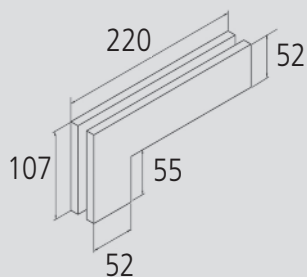
**PTP 30.5 Threaded rod with wall plug**

To suit PTP 30.4 wall fixing plate	Ident
Zinc plated	91695



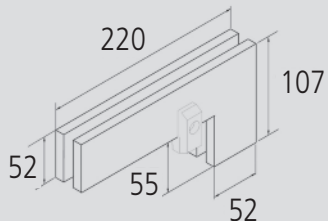
**PTP 40 Overpanel/side panel patch**

Complete with 15mmØ pin to suit PTP 20	8,10,12mm	15mm	19mm
Mill	91653	92122	92126
SAA	91654	92123	92127
Satin Stainless Steel	91665	92124	92128
Polished Stainless Steel	91666	92125	92129



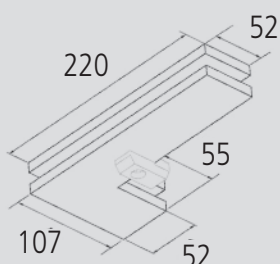
**PTP 40.1 Transom/sidewing connector without pin**

	8,10,12mm	15mm	19mm
Mill	91672	92130	116516
SAA	91673	92131	116517
Satin Stainless Steel	91674	92132	116519
Polished Stainless Steel	91675	92133	116520



**PTP 40.2 Transom/sidewing connector without pin LH with stop**

	8,10,12mm	15mm	19mm
Mill	91676	92138	92142
SAA	91677	92139	92143
Satin Stainless Steel	91679	92140	92144
Polished Stainless Steel	91678	92141	92145



**PTP 40.2 Transom/sidewing connector without pin RH with stop**

	8,10,12mm	15mm	19mm
Mill	116487	116495	116522
SAA	116488	116496	116523
Satin Stainless Steel	116489	116497	116524
Polished Stainless Steel	116490	116498	116525

		<p><b>PTP 41 Transom/side panel pivot patch with fin to one side</b> Complete with 15mmØ pin to suit</p> <table border="1"> <thead> <tr> <th></th> <th>LH</th> <th>LH</th> <th>LH</th> </tr> </thead> <tbody> <tr> <td></td> <td><b>8,10,12mm</b></td> <td><b>15mm</b></td> <td><b>19mm</b></td> </tr> <tr> <td>Mill</td> <td>91758</td> <td>92146</td> <td>127233</td> </tr> <tr> <td>SAA</td> <td>91759</td> <td>92147</td> <td>127234</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91760</td> <td>92148</td> <td>127235</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91761</td> <td>92149</td> <td>127236</td> </tr> </tbody> </table>		LH	LH	LH		<b>8,10,12mm</b>	<b>15mm</b>	<b>19mm</b>	Mill	91758	92146	127233	SAA	91759	92147	127234	Satin Stainless Steel	91760	92148	127235	Polished Stainless Steel	91761	92149	127236
	LH	LH	LH																							
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Mill	91758	92146	127233																							
SAA	91759	92147	127234																							
Satin Stainless Steel	91760	92148	127235																							
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		<p><b>PTP 41 Transom/side panel pivot patch with fin to one side</b> Complete with 15mmØ pin to suit</p> <table border="1"> <thead> <tr> <th></th> <th>RH</th> <th>RH</th> <th>RH</th> </tr> </thead> <tbody> <tr> <td></td> <td><b>8,10,12mm</b></td> <td><b>15mm</b></td> <td><b>19mm</b></td> </tr> <tr> <td>Mill</td> <td>91762</td> <td>92150</td> <td>127237</td> </tr> <tr> <td>SAA</td> <td>91763</td> <td>92151</td> <td>127238</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91764</td> <td>92152</td> <td>127239</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91765</td> <td>92153</td> <td>127240</td> </tr> </tbody> </table>		RH	RH	RH		<b>8,10,12mm</b>	<b>15mm</b>	<b>19mm</b>	Mill	91762	92150	127237	SAA	91763	92151	127238	Satin Stainless Steel	91764	92152	127239	Polished Stainless Steel	91765	92153	127240
	RH	RH	RH																							
	<b>8,10,12mm</b>	<b>15mm</b>	<b>19mm</b>																							
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Satin Stainless Steel	91764	92152	127239																							
Polished Stainless Steel	91765	92153	127240																							
		<p><b>PTP 41.1 Overpanel/side panel patch with double fin attachment</b> Complete with 15mm Ø pin to suit PTP 20</p> <table border="1"> <thead> <tr> <th></th> <th>8,10,12mm</th> <th>15mm</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91766</td> <td>92154</td> </tr> <tr> <td>SAA</td> <td>91767</td> <td>92155</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91768</td> <td>92156</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91769</td> <td>92157</td> </tr> </tbody> </table>		8,10,12mm	15mm	Mill	91766	92154	SAA	91767	92155	Satin Stainless Steel	91768	92156	Polished Stainless Steel	91769	92157									
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Mill	91766	92154																								
SAA	91767	92155																								
Satin Stainless Steel	91768	92156																								
Polished Stainless Steel	91769	92157																								
		<p><b>PTP 42 90° Transom/sidepanel pivot patch</b> Complete with 15mm Ø pin to suit PTP 20 (Illustrated)</p> <table border="1"> <thead> <tr> <th></th> <th>LH</th> <th>LH</th> </tr> </thead> <tbody> <tr> <td></td> <td><b>8,10,12mm</b></td> <td><b>15mm</b></td> </tr> <tr> <td>Mill</td> <td>91770</td> <td>92158</td> </tr> <tr> <td>SAA</td> <td>91771</td> <td>92159</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91772</td> <td>92160</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91779</td> <td>92161</td> </tr> </tbody> </table>		LH	LH		<b>8,10,12mm</b>	<b>15mm</b>	Mill	91770	92158	SAA	91771	92159	Satin Stainless Steel	91772	92160	Polished Stainless Steel	91779	92161						
	LH	LH																								
	<b>8,10,12mm</b>	<b>15mm</b>																								
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Satin Stainless Steel	91772	92160																								
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		<p><b>PTP 42 90° Transom/side panel pivot patch (Illustrated)</b> Complete with 15mm Ø pin to suit PTP 20</p> <table border="1"> <thead> <tr> <th></th> <th>RH</th> <th>RH</th> </tr> </thead> <tbody> <tr> <td></td> <td><b>8,10,12mm</b></td> <td><b>15mm</b></td> </tr> <tr> <td>Mill</td> <td>91774</td> <td>92162</td> </tr> <tr> <td>SAA</td> <td>91775</td> <td>92163</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91776</td> <td>92164</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91777</td> <td>92165</td> </tr> </tbody> </table>		RH	RH		<b>8,10,12mm</b>	<b>15mm</b>	Mill	91774	92162	SAA	91775	92163	Satin Stainless Steel	91776	92164	Polished Stainless Steel	91777	92165						
	RH	RH																								
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Mill	91774	92162																								
SAA	91775	92163																								
Satin Stainless Steel	91776	92164																								
Polished Stainless Steel	91777	92165																								
		<p><b>PTP 51 Double overpanel patch with fin fitting to suit back to back doors</b> Complete with 2 x 15mmØ pins to suit PTP 20</p> <table border="1"> <thead> <tr> <th></th> <th>8,10,12mm</th> <th>15mm</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91794</td> <td>92182</td> </tr> <tr> <td>SAA</td> <td>91795</td> <td>92183</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91796</td> <td>92184</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91797</td> <td>92185</td> </tr> </tbody> </table>		8,10,12mm	15mm	Mill	91794	92182	SAA	91795	92183	Satin Stainless Steel	91796	92184	Polished Stainless Steel	91797	92185									
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Mill	91794	92182																								
SAA	91795	92183																								
Satin Stainless Steel	91796	92184																								
Polished Stainless Steel	91797	92185																								

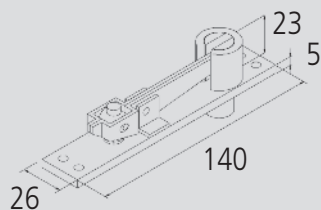


**Fixed patch fittings**

		<p><b>PTP 60 Overpanel/side panel connection patch</b></p>	<p>8,10,12,15mm</p>																		
		<p>Mill 91798 SAA 91799 Satin Stainless Steel 91800 Polished Stainless Steel 91801</p>																			
		<p><b>PTP 61 Overpanel/side panel connection patch with stop. Specify handing.</b></p>																			
		<table border="0"> <thead> <tr> <th></th> <th>LH</th> <th>RH</th> </tr> <tr> <th></th> <th>8,10,12,15mm</th> <th>8,10,12,15mm</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91802</td> <td>92190</td> </tr> <tr> <td>SAA</td> <td>91803</td> <td>92191</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91804</td> <td>92192</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91805</td> <td>92193</td> </tr> </tbody> </table>		LH	RH		8,10,12,15mm	8,10,12,15mm	Mill	91802	92190	SAA	91803	92191	Satin Stainless Steel	91804	92192	Polished Stainless Steel	91805	92193	
	LH	RH																			
	8,10,12,15mm	8,10,12,15mm																			
Mill	91802	92190																			
SAA	91803	92191																			
Satin Stainless Steel	91804	92192																			
Polished Stainless Steel	91805	92193																			
		<p><b>PTP 70 Overpanel connection patch</b> (8mm - 15mm glass)</p>																			
		<table border="0"> <thead> <tr> <th></th> <th>Ident</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91806</td> </tr> <tr> <td>SAA</td> <td>91807</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91808</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91809</td> </tr> </tbody> </table>		Ident	Mill	91806	SAA	91807	Satin Stainless Steel	91808	Polished Stainless Steel	91809									
	Ident																				
Mill	91806																				
SAA	91807																				
Satin Stainless Steel	91808																				
Polished Stainless Steel	91809																				
		<p><b>PTP 71 Overpanel connection patch with fin attachment</b> (8mm - 15mm glass)</p>																			
		<table border="0"> <thead> <tr> <th></th> <th>Ident</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91814</td> </tr> <tr> <td>SAA</td> <td>91815</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91816</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91817</td> </tr> </tbody> </table>		Ident	Mill	91814	SAA	91815	Satin Stainless Steel	91816	Polished Stainless Steel	91817									
	Ident																				
Mill	91814																				
SAA	91815																				
Satin Stainless Steel	91816																				
Polished Stainless Steel	91817																				
		<p><b>PTP 72 Overpanel connection patch with double stops</b> (8mm - 15mm glass)</p>																			
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	Ident																				
Mill	91810																				
SAA	91811																				
Satin Stainless Steel	91812																				
Polished Stainless Steel	91813																				
		<p><b>PTP 80 Glass to glass connection patch</b> (8mm - 15mm glass)</p>																			
		<table border="0"> <thead> <tr> <th></th> <th>Ident</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91860</td> </tr> <tr> <td>SAA</td> <td>91861</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91862</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91863</td> </tr> </tbody> </table>		Ident	Mill	91860	SAA	91861	Satin Stainless Steel	91862	Polished Stainless Steel	91863									
	Ident																				
Mill	91860																				
SAA	91861																				
Satin Stainless Steel	91862																				
Polished Stainless Steel	91863																				

		<p><b>PTP 81 Connection patch with fin attachment</b> (8mm - 15mm glass)</p> <table border="1"> <thead> <tr> <th></th> <th>Ident</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91930</td> </tr> <tr> <td>SAA</td> <td>91932</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91933</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91934</td> </tr> </tbody> </table>		Ident	Mill	91930	SAA	91932	Satin Stainless Steel	91933	Polished Stainless Steel	91934
	Ident											
Mill	91930											
SAA	91932											
Satin Stainless Steel	91933											
Polished Stainless Steel	91934											
		<p><b>PTP 82 Glass to glass connection patch</b> 90° angle (8mm - 15mm glass)</p> <table border="1"> <thead> <tr> <th></th> <th>Ident</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91864</td> </tr> <tr> <td>SAA</td> <td>91906</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91907</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91908</td> </tr> </tbody> </table>		Ident	Mill	91864	SAA	91906	Satin Stainless Steel	91907	Polished Stainless Steel	91908
	Ident											
Mill	91864											
SAA	91906											
Satin Stainless Steel	91907											
Polished Stainless Steel	91908											
		<p><b>PTP 83 Glass to glass connection patch</b> (8mm - 15mm glass)</p> <table border="1"> <thead> <tr> <th></th> <th>Ident</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>92611</td> </tr> <tr> <td>SAA</td> <td>92612</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>92613</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>92614</td> </tr> </tbody> </table>		Ident	Mill	92611	SAA	92612	Satin Stainless Steel	92613	Polished Stainless Steel	92614
	Ident											
Mill	92611											
SAA	92612											
Satin Stainless Steel	92613											
Polished Stainless Steel	92614											
		<p><b>PTP 84 Glass to wall connection patch</b> (8mm - 15mm glass)</p> <table border="1"> <thead> <tr> <th></th> <th>Ident</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91842</td> </tr> <tr> <td>SAA</td> <td>91843</td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91844</td> </tr> <tr> <td>Polished Stainless Steel</td> <td>126121</td> </tr> </tbody> </table> <p><b>Not structural load bearing this applies to all products</b></p>		Ident	Mill	91842	SAA	91843	Satin Stainless Steel	91844	Polished Stainless Steel	126121
	Ident											
Mill	91842											
SAA	91843											
Satin Stainless Steel	91844											
Polished Stainless Steel	126121											

**Top centres and pivots**

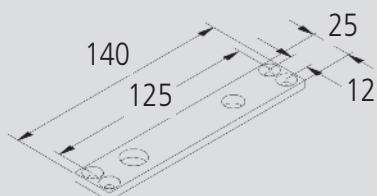


**PTP 21 Retractable top centre**

With 15mm Ø pin to suit PTP 20 (fixings not supplied)

Ident

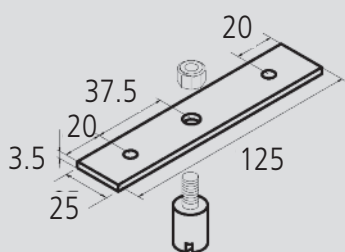
Zinc plated finish 06662



**PTP 21C Cover plate to suit PTP 21**

Ident

Satin Stainless Steel 119199

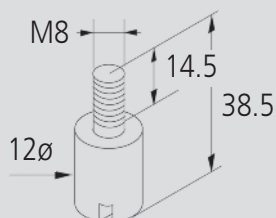


**PTP/PFP 24 Top pivot plate**

With 15mm Ø pin (fixings not supplied)

Ident

Satin Stainless Steel 87573

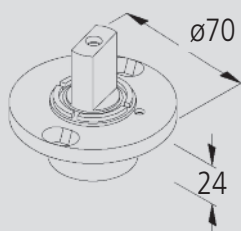


**PTP/PFP 25 Top pivot pin**

M8 thread x 15mm Ø

Ident

Stainless Steel 18384

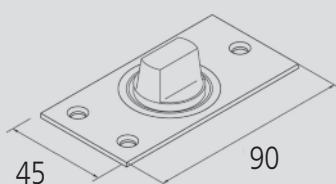


**PTP 26 Free swing floor pivot**

To suit PTP 10 and PTR rails maximum weight 100kg (fixings not supplied)

Ident

Plated Steel 91859



**TS 137 A Floor pivot with flat tapered spindle**

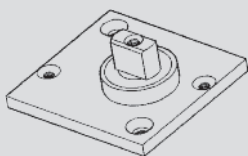
Satin Stainless Steel

Door weight max 150kg

Rectangular 90 x 44mm

Ident

109621

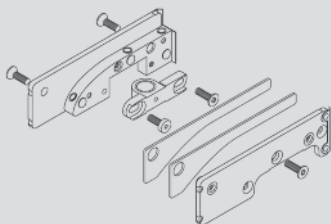


**TS 137 B Floor pivot with flat tapered spindle**

Satin Stainless Steel  
 Door weight max 250kg  
 Rectangular 75 x 70mm

Ident  
 09788

## Patch fittings components

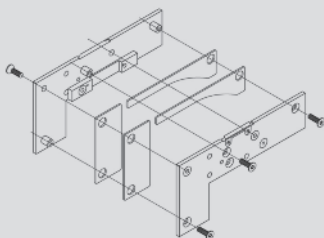


**PTP 10/20/22 base patch fitting**

Ident  
 91540

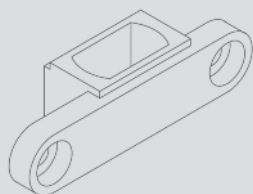
**PTP 30 base patch fitting**

100557



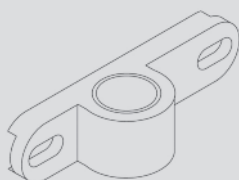
**PTP 40 base patch fitting**

Ident  
 91667



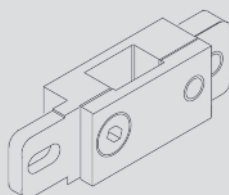
**PTP 10 Insert**

Ident  
 91550



**PTP 20 Insert**

Ident  
 91551



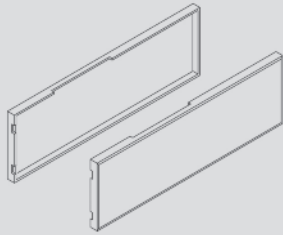
**PTP 22 RTS Insert**

Ident  
 96754



**PTP 5 Universal stop insert**

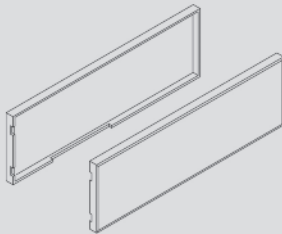
**Ident**  
91632



**PTP 10/20/22 Cover plates**

Mill  
SAA  
Satin Stainless Steel  
Polished Stainless Steel

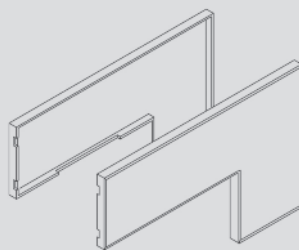
**Ident**  
91546  
91547  
91548  
91549



**PTP 30 Cover plates**

Mill  
SAA  
Satin Stainless Steel  
Polished Stainless Steel

**Ident**  
93173  
93174  
93175  
93176

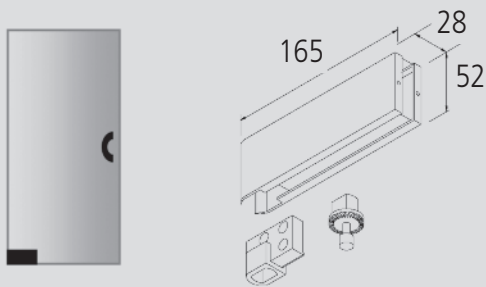


**PTP 40 Cover plates**

Mill  
SAA  
Satin Stainless Steel  
Polished Stainless Steel

**Ident**  
91668  
91669  
91670  
91671

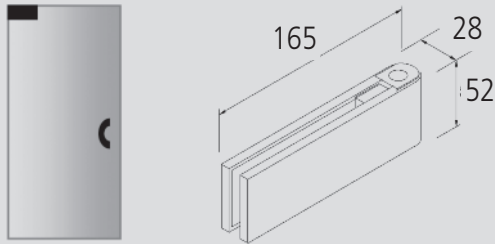
**Pinch free patch fittings**



**PFP 10 Pinch free bottom pivot patch LH or RH**

Complete with insert to suit GEZE range of floor springs (18mm pivot point)

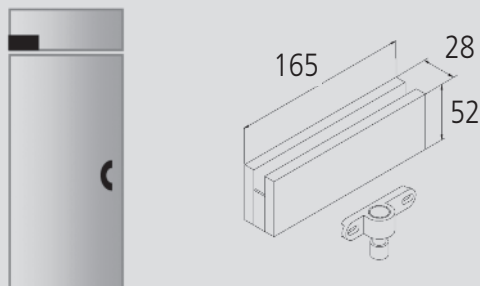
	<b>8,10,12mm</b>
Mill	91969
SAA	91970
Satin Stainless Steel	91971
Polished Stainless Steel	91972



**PFP 20 Pinch free top pivot patch LH or RH**

Complete with insert to suit top pivots with 12mm Ø pins (18mm pivot point)

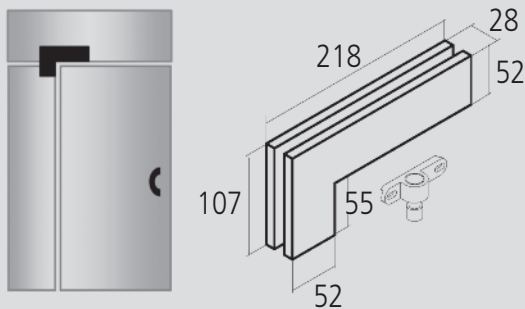
	<b>8,10,12mm</b>
Mill	91973
SAA	91974
Satin Stainless Steel	91975
Polished Stainless Steel	91976



**PFP 30 Pinch free overpanel pivot patch LH or RH**

Complete with 12mm Ø pin to suit PFP 20 (18mm pivot point)

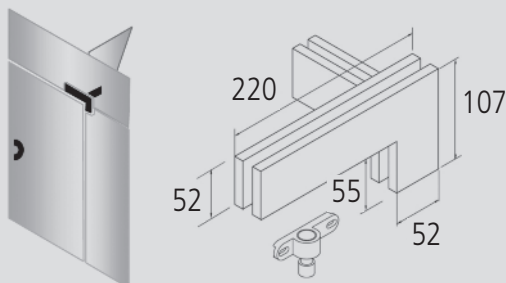
	<b>8,10,12mm</b>
Mill	91990
SAA	91991
Satin Stainless Steel	91992
Polished Stainless Steel	91993



**PFP 40 Pinch free overpanel/side panel patch**

Complete with 12mm Ø pin to suit PFP 20 (18mm pivot point)

	<b>8,10,12mm</b>
Mill	91977
SAA	91978
Satin Stainless Steel	91979
Polished Stainless Steel	91980



**PFP 41 Pinch free overpanel/side panel patch with fin attachment (Illustrated)**

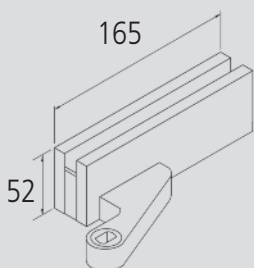
Complete with 12mm Ø pin to suit PFP 20 (18mm pivot point)

	<b>LH</b>	<b>RH</b>
	<b>8,10,12mm</b>	<b>8,10,12mm</b>
Mill	91981	91986
SAA	91982	91987
Satin Stainless Steel	91983	91988
Polished Stainless Steel	91984	91989

**Maximum door weight for pinch free patch fittings is 80kg.**

**For all glass assemblies a notch of 45mm x 5mm should be made in the side panel to enable the floor spring to be installed correctly.**

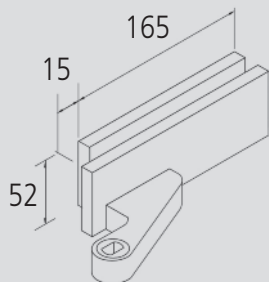
Single action patch fittings



**ATP 10 Single action bottom pivot patch**

Complete with insert to suit GEZE range of floor springs or free swing bottom pivot PTP26 (for 8 - 15mm glass) LH illustrated

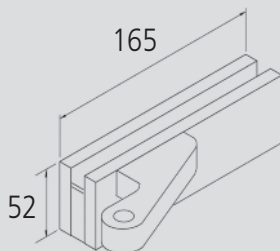
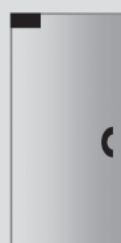
	LH	RH
Mill	92243	92287
SAA	92244	92288
Satin Stainless Steel	92285	92289
Polished Stainless Steel	92286	92290



**ATP 10.1 /S8-15mm Single action bottom pivot patch**

With 1 x 15mm free glass edge complete with insert to suit GEZE range of floor springs or free swing bottom pivot PTP26 (LH illustrated)

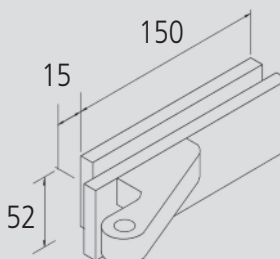
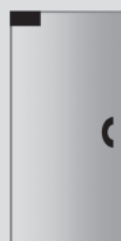
	LH	RH
Mill	92379	92383
SAA	92380	92384
Satin Stainless Steel	92381	92385
Polished Stainless Steel	92382	92386



**ATP 20 Single action top pivot patch**

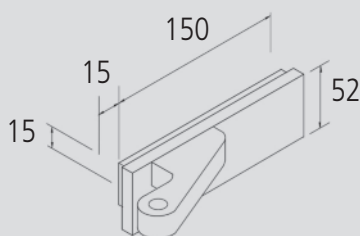
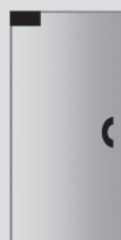
To suit 15mm Ø pins (for 8 - 15mm glass as standard) (LH illustrated)

	LH	RH
Mill	92291	92295
SAA	92292	92296
Satin Stainless Steel	92293	92297
Polished Stainless Steel	92294	92298



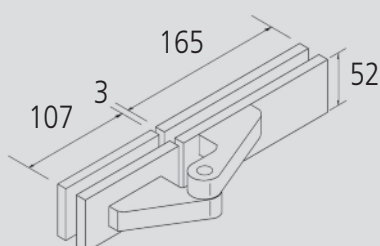
**ATP 20.1/S8-15mm Single action top pivot patch with 1 x 15mm free glass edge** to suit 15mm Ø (LH illustrated)

	LH	RH
Mill	92347	92351
SAA	92348	92352
Satin Stainless Steel	92349	92353
Polished Stainless Steel	92350	92354



**ATP 20.2/S8-15mm Single action top pivot patch with 2 x 15mm free glass edges** to suit 15mm Ø pins (LH illustrated)

	LH	RH
Mill	92395	92399
SAA	92396	92400
Satin Stainless Steel	92397	92401
Polished Stainless Steel	92398	92402

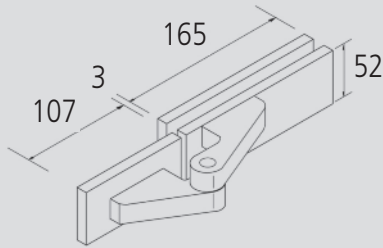
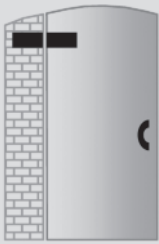


**ATP 28 Single action top pivot patch glass to glass**

10mm glass (LH illustrated)

	LH	RH
Mill	92315	92319
SAA	92316	92320
Satin Stainless Steel	92317	92321
Polished Stainless Steel	92318	92322

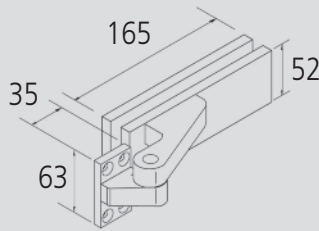
**Max door weight 35kg when used as a pair**



**ATP 29 Single action top pivot patch glass to wall**  
8-15mm glass (LH illustrated)

	LH	RH
Mill	92323	92327
SAA	92324	92328
Satin Stainless Steel	92325	92329
Polished Stainless Steel	92326	92330

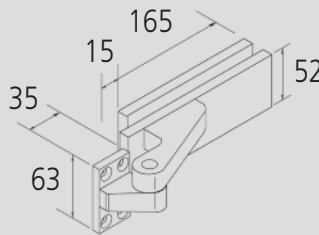
**Max 35kg when used as a pair**



**ATP 29.1 Single action top pivot patch glass to frame**  
8-15mm glass (LH illustrated)

	LH	RH
Mill	92331	92335
SAA	92332	92336
Satin Stainless Steel	92333	92337
Polished Stainless Steel	92334	92338

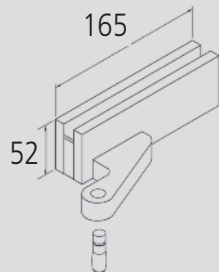
**Max 35kg when used as a pair**



**ATP 29.2 Single action top pivot patch glass to frame**  
With 1 x 15mm free glass edge 8-15mm glass (LH illustrated)

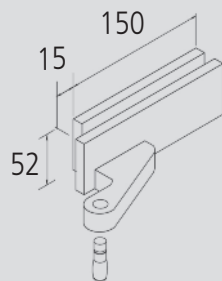
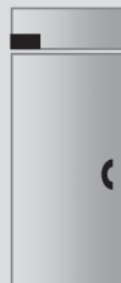
	LH	RH
Mill	92371	92375
SAA	92372	92376
Satin Stainless Steel	92373	92377
Polished Stainless Steel	92374	92378

**Max 35kg when used as a pair**



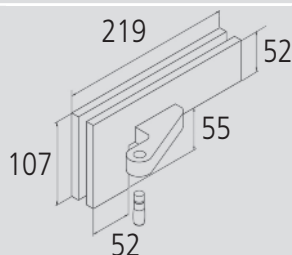
**ATP 30 Single action overpanel pivot patch**  
With 15mm Ø pin for 8-12mm glass & 15mm (LH illustrated)

	LH	RH
Mill	92299	92303
SAA	92300	92304
Satin Stainless Steel	92301	92305
Polished Stainless Steel	92302	92306



**ATP 30.1/S8-15 Single action overpanel pivot patch**  
With 1 x 15mm free glass edges with 15mm Ø pin (LH illustrated)

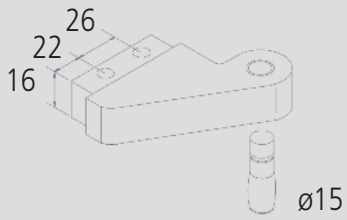
	LH	RH
Mill	92227	92231
SAA	92228	92232
Satin Stainless Steel	92229	92233
Polished Stainless Steel	92230	92234



**ATP 40 Single action overpanel/side panel pivot patch**  
With 15mm Ø pin 8, 10, 12 & 15mm glass (LH illustrated)

	LH	RH
Mill	92307	92311
SAA	92308	92312
Satin Stainless Steel	92309	92313
Polished Stainless Steel	92310	92314

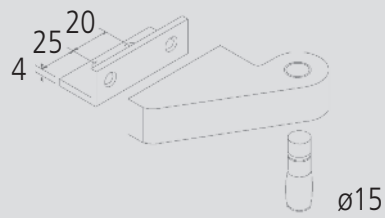




**ATP 24 Single action top pivot with fixing block**

For timber and metal frames  
15mm Ø pin (universal L/H or R/H)

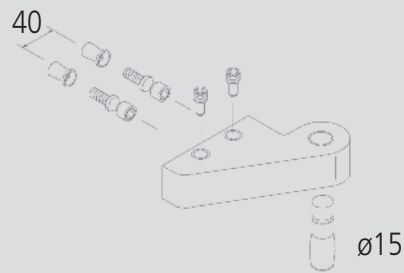
	<b>8,12mm</b>
Mill	92543
SAA	92544
Satin Stainless Steel	92545
Polished Chrome Plate	92546



**ATP 24.1 Single action top pivot with angle bracket**

For timber frames  
15mm Ø pin (universal L/H or R/H)

	<b>8,12mm</b>
Mill	92547
SAA	92548
Simulated Stainless Steel	92549
Polished Chrome Plated	92550

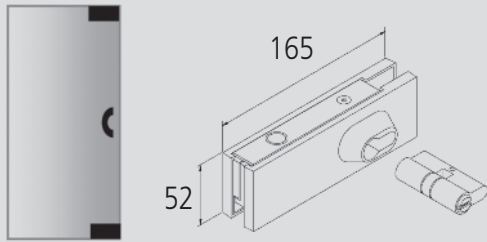


**ATP 24.2 Single action top pivot with special fixings**

For metal frames  
15mm Ø pin to suit hollow frames  
(Rivnut tool required) (universal L/H or R/H)

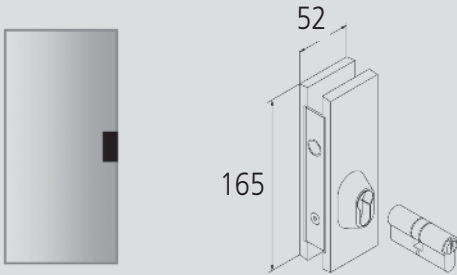
	<b>8,12mm</b>
Mill	92551
SAA	92552
Simulated Stainless Steel	92553
Polished Chrome Plate	92554

Locks and strikes



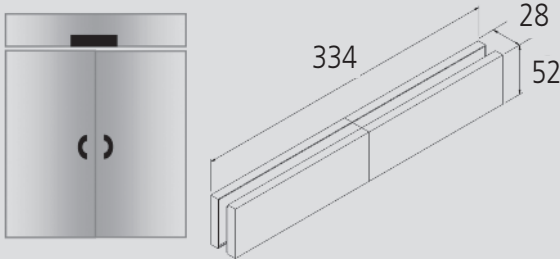
**PTL 10 R Corner patch lock complete with round bolt and escutcheons (Europrofile cylinder not included)**

	8,10,12mm	15mm	19mm
Mill	96241	96245	96253
SAA	96242	96246	96254
Satin Stainless Steel	96243	96247	96255
Polished Stainless Steel	96244	96248	96256



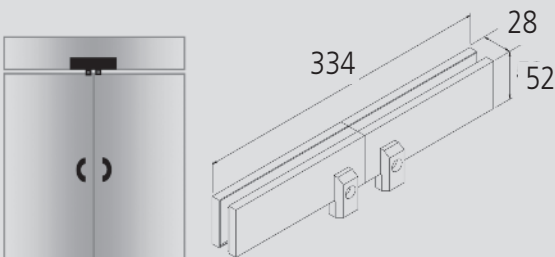
**PTL 20 R Centre patch lock complete with round bolt and escutcheons (Europrofile cylinder not included)**

	8,10,12mm	15mm	19mm
Mill Finish	96341	96355	96363
SAA Finish	96342	96356	96364
Satin Stainless Steel	96343	96357	96365
Polished Stainless Steel	96344	96358	96366



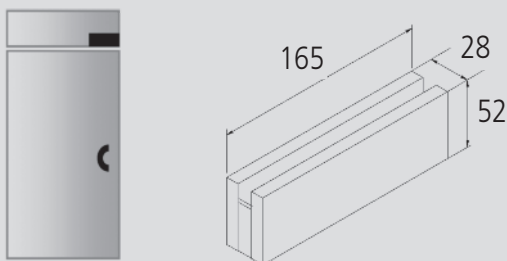
**PTS 20 Double strike patch to suit PTL 10 corner patch locks**

	8,10,12mm	15mm	19mm
Mill	96560	96564	96582
SAA	96561	96575	96583
Satin Stainless Steel	96562	96576	96584
Polished Stainless Steel	96563	96577	96585



**PTS 20.1 Double strike patch with stops to suit PTL 10 corner patch locks**

	8,10,12mm	15mm	19mm
Mill	96586	96590	96598
SAA	96587	96591	96599
Satin Stainless Steel	96588	96592	96600
Polished Stainless Steel	96589	96593	96601

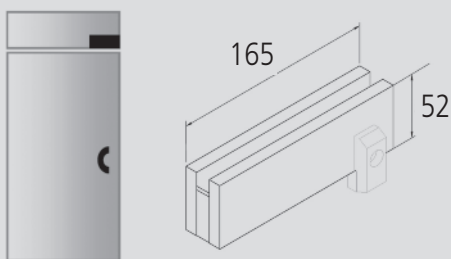


**PTS 30 Single strike patch LH or RH to suit PTL 10 corner patch lock**

	8,10,12mm	15mm	19mm
Mill	91576	91580	91598
SAA	91577	91581	91599
Satin Stainless Steel	91578	91582	91600
Polished Stainless Steel	91579	91583	91601

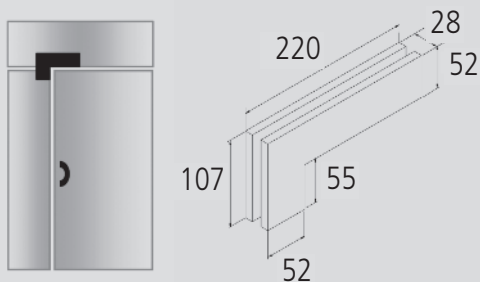
The bolt projection is always 20mm.

Profile cylinder 61mm length for 8-19mm thick glass.



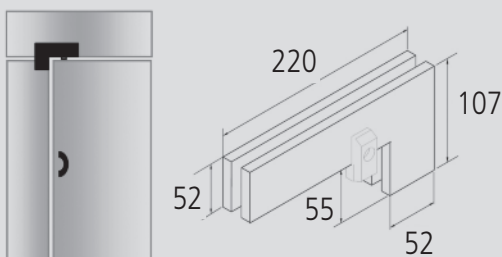
**PTS 30.1 Single strike patch with stop to suit PTL 10 corner patch lock**  
(LH illustrated)

	8,10,12mm LH	15mm LH	19mm LH
Mill	91602	91616	91639
SAA	91603	91617	91640
Satin Stainless Steel	91604	91618	91641
Polished Stainless Steel	91615	91619	91642
	8,10,12mm RH	15mm RH	19mm RH
Mill	91643	91647	96553
SAA	91644	91648	96554
Satin Stainless Steel	91645	91649	96555
Polished Stainless Steel	91646	91650	96556



**PTS 40 Overpanel/side panel strike patch to suit PTL 10R corner patch lock**

	8,10,12mm	15mm	19mm
Mill	96602	96606	96614
SAA	96603	96607	96615
Satin Stainless Steel	96604	96608	96616
Polished Stainless Steel	96605	96609	96617



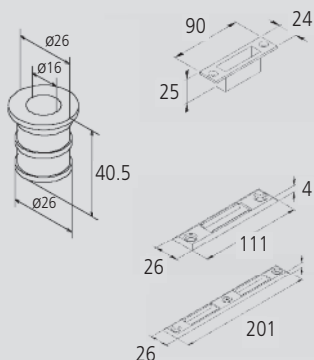
**PTS 40.1 Overpanel/side panel strike patch with stop** (LH illustrated)

	8,10,12mm LH	15mm LH	19mm LH
Mill	96618	96622	96630
SAA	96619	96623	96631
Satin Stainless Steel	96620	96624	96632
Polished Stainless Steel	96621	96625	96633
	8,10,12mm RH	15mm RH	19mm RH
Mill	96634	96638	96646
SAA	96635	96639	96647
Satin Stainless Steel	96636	96640	96648
Polished Stainless Steel	96637	96641	96649



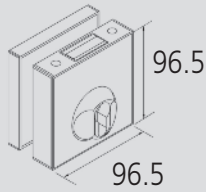
**PTS 50 Centre strike patch to suit PTL 20 centre patch lock** (left or right handed)

	8,10,12mm	15mm	19mm
Mill	96650	96654	96662
SAA	96651	96655	96663
Satin Stainless Steel	96652	96656	96664
Polished Stainless Steel	96653	96657	96665



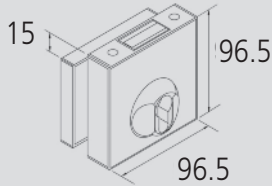
	Ident
<b>Easy clean boat keep</b> SCP finish	86737
<b>Floor socket</b>	128779
<b>Single strike plate</b> Satin Stainless Steel	22132
<b>Double strike plate</b> Satin Stainless Steel	22133

**Slide - on locks**



**SL 10 Security lock** with square bolt 8-12mm glass

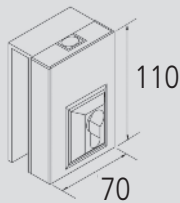
	<b>Ident</b>
SAA	116994
Simulated Satin Stainless Steel	116995
Velour Nickel Plated	116996



**SL 11 Security lock** square bolt 8-12mm glass with 1/15mm free glass edge

	<b>Ident</b>
SAA	117961
Satin Stainless Steel	117962

**SL 10 and SL 11 need glass preparation**



**SO 30 Slide over corner lock** 8-10mm glass

	<b>Ident</b>
SAA	116997
Simulated Satin Stainless Steel	116998
Velour Nickel Plated	116999

**No glass preparation required**

**Cylinders**



**Europrofile cylinders - keyed to differ**

Nickel plated	<b>Ident</b>
for patch locks 60mm	087622
for rail locks 70mm	100805



**Europrofile cylinders - keyed alike**

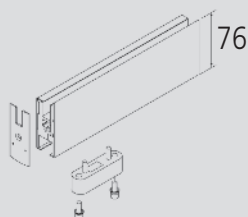
Special configured item	<b>Ident</b>
60mm	115802
70mm	115803



**Special cylinders - keyed to differ**

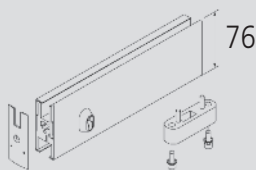
Thumbturn cylinder	<b>Ident</b>
70mm for rails	103566
60mm for patches	131940
35mm Half cylinder (patches only)	104153

Door rails



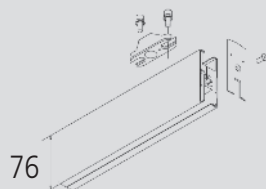
**PTR 10/76 76mm Bottom rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings or PTP 26 pivot

	10mm	12mm
Mill	118333	93185
SAA	118334	93186
Satin Stainless Steel	118335	93187
Polished Stainless Steel	118336	93188



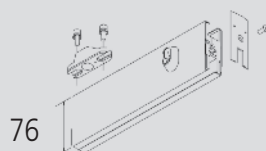
**PTR 11R/76 76mm Bottom rail with lock (no cylinder) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings or PTP 26 pivot

	10mm	12mm
Mill	118337	118341
SAA	118338	118342
Satin Stainless Steel	118339	118343
Polished Stainless Steel	118340	118344



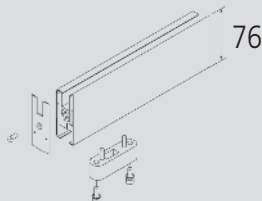
**PTR 20/76 76mm Top rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins

	10mm	12mm
Mill	118345	93399
SAA	118346	93400
Satin Stainless Steel	118347	93401
Polished Stainless Steel	118348	93402



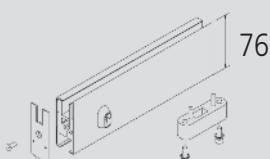
**PTPTR 21 R/76 76mm Top rail with lock (no cylinder) up to 1150mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins

	10mm	12mm
Mill	118349	118353
SAA	118350	118354
Satin Stainless Steel	118351	118355
Polished Stainless Steel	118352	118356



**PTR 10/76 76mm Bottom rail (no lock) from 1151-1400mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings or PTP 26 pivot

	10mm	12mm
Mill	118357	118361
SAA	118358	118362
Satin Stainless Steel	118359	118363
Polished Stainless Steel	118360	118364

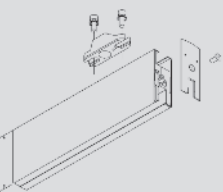


**PTR 11 R/76 76mm Bottom rail with lock (no cylinder) from 1151-1400mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings or PTP 26 pivot

	10mm	12mm
Mill	118365	118369
SAA	118366	118370
Satin Stainless Steel	118367	118371
Polished Stainless Steel	118368	118372



76



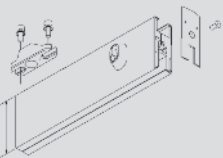
**PTR 20/76 76mm Top rail (no lock) from 1151-1400mm**

Complete with end caps and pivot insert to suit 15mm Ø pins

	10mm	12mm
Mill	118373	118377
SAA	118374	118378
Satin Stainless Steel	118375	118379
Polished Stainless Steel	118376	118380



76



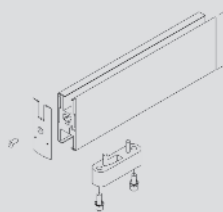
**PTR 21 R/76 76mm Top rail with lock (no cylinder) from 1151-1400mm**

Complete with end caps and pivot insert to suit 15mm Ø pins

	10mm	12mm
Mill	118381	118385
SAA	118382	118386
Satin Stainless Steel	118383	118387
Polished Stainless Steel	118384	118899



105



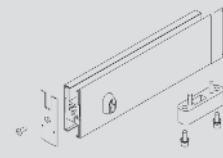
**PTR 10/105 105mm Bottom rail (no lock) up to 1150mm**

Complete with end caps and pivot insert to suit GEZE floorsprings or PTP 26 pivot

	10mm	12mm	15mm	19mm
Mill	118389	92019	92027	92043
SAA	118390	92020	92028	92044
Satin Stainless Steel	118391	92021	92029	92045
Polished Stainless Steel	118392	92022	92030	92046



105



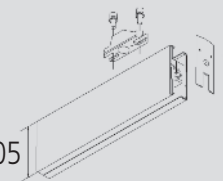
**PTR 11 R/105 105mm Bottom rail with lock (no cylinder) up to 1150mm**

Complete with end caps and pivot insert to suit GEZE floorsprings or PTP 26 pivot

	10mm	12mm	15mm	19mm
Mill	118393	118398	118402	93712
SAA	118394	118399	118403	93713
Satin Stainless Steel	118395	118400	118404	93714
Polished Stainless Steel	118396	118401	118405	93715



105



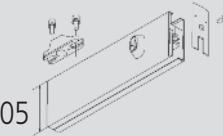
**PTR 20/105 105mm Top rail (no lock) up to 1150mm**

Complete with end caps and pivot insert to suit 15mm Ø pins

	10mm	12mm	15mm	19mm
Mill	118406	92677	92685	92701
SAA	118407	92678	92686	92702
Satin Stainless Steel	118408	92679	92687	92703
Polished Stainless Steel	118409	92680	92688	92704



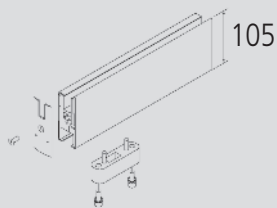
105



**PTR 21 R/105 105mm Top rail with lock (no cylinder) up to 1150mm**

Complete with end caps and pivot insert to suit 15mm Ø pins

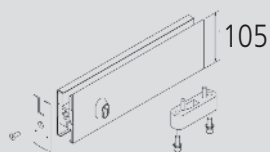
	10mm	12mm	15mm	19mm
Mill	118900	118905	118909	93768
SAA	118901	118906	118910	93769
Satin Stainless Steel	118902	118907	118911	93770
Polished Stainless Steel	118903	118908	118912	93771



**PTR 10/105 105mm Bottom rail (no lock) from 1151-1400mm**

Complete with end caps and pivot insert to suit GEZE floorsprings or PTP 26 pivot

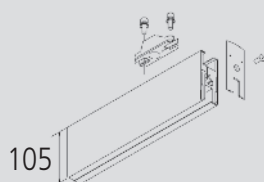
	10mm	12mm	15mm	19mm
Mill	118913	118917	118921	92047
SAA	118914	118918	118922	92048
Satin Stainless Steel	118915	118919	118923	92049
Polished Stainless Steel	118916	118920	118924	92050



**PTR 11 R/105 105mm Bottom rail with lock (no cylinder) from 1151-1400mm**

Complete with end caps and pivot insert to suit GEZE floorsprings or PTP 26 pivot

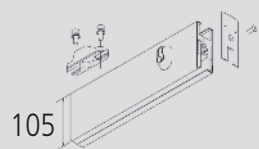
	10mm	12mm	15mm	19mm
Mill	118925	118929	118933	93716
SAA	118926	118930	118934	93717
Satin Stainless Steel	118927	118931	118935	93718
Polished Stainless Steel	118928	118932	118936	93719



**PTR 20/105 105mm Top rail (no lock) from 1151-1400mm**

Complete with end caps and pivot insert to suit 15mm Ø pins

	10mm	12mm	15mm	19mm
Mill	118937	118941	118945	92705
SAA	118938	118942	118946	92706
Satin Stainless Steel	118939	118943	118947	92707
Polished Stainless Steel	118940	118944	118948	92708

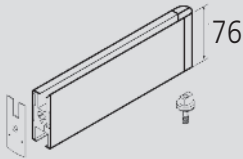


**PTR 21 R/105 105mm Top rail with lock (no cylinder) from 1151-1400mm**

Complete with end caps and pivot insert to suit 15mm Ø pins

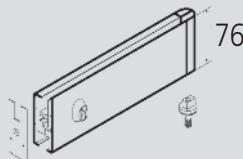
	10mm	12mm	15mm	19mm
Mill	118949	118954	118958	93772
SAA	118950	118955	118959	93773
Satin Stainless Steel	118951	118956	118960	93774
Polished Stainless Steel	118953	118957	118961	93775

**Pinch free rails**



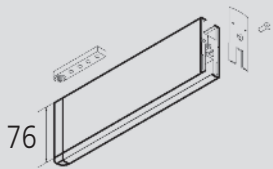
**PFR 10/76 Pinch free 76mm bottom rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	12mm
Mill	93297	93315
SAA	93298	93316
Satin Stainless Steel	93299	93317
Polished Stainless Steel	93300	93318



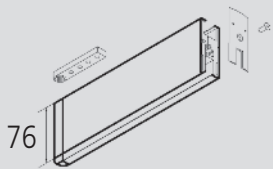
**PFR 11 R/76 Pinch free 76mm bottom rail with lock (no cylinder) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	12mm
Mill	93379	93249
SAA	93380	93250
Satin Stainless Steel	93381	93251
Polished Stainless Steel	93382	93252



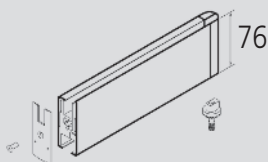
**PFR 20/76 Pinch free 76mm top rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

	10mm	12mm
Mill	93466	93474
SAA	93467	93475
Satin Stainless Steel	93468	93476
Polished Stainless Steel	93469	93477



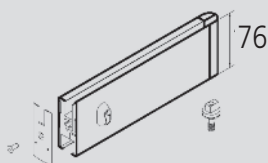
**PFR 21R/76 Pinch free 76mm top rail with lock (no cylinder) up to 1150mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

	10mm	12mm
Mill	93530	93538
SAA	93531	93539
Satin Stainless Steel	93532	93540
Polished Stainless Steel	93533	93541



**PFR 10/76 Pinch free 76mm bottom rail (no lock) from 1150-1400mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

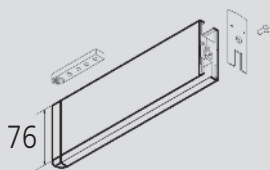
	10mm	12mm
Mill	93301	93319
SAA	93302	93320
Satin Stainless Steel	93303	93321
Polished Stainless Steel	93304	93322



**PFR 11R/76 Pinch free 76mm bottom rail with lock (no cylinder) from 1150-1400mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

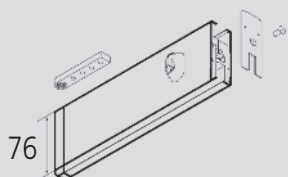
	10mm	12mm
Mill	93379	93253
SAA	93380	93254
Satin Stainless Steel	93381	93255
Polished Stainless Steel	93382	93256





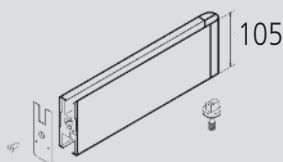
**PFR 10/76 Pinch free 76mm top rail (no lock) from 1150-1400mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	12mm
Mill	93470	93478
SAA	93471	93479
Satin Stainless Steel	93472	93480
Polished Stainless Steel	93473	93481



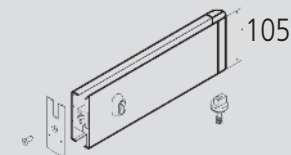
**PFR 21 R/76 Pinch free 76mm top rail with lock (no cylinder) from 1150-1400mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

	10mm	12mm
Mill	93534	93542
SAA	93535	93543
Satin Stainless Steel	93536	93544
Polished Stainless Steel	93537	93545



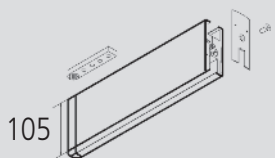
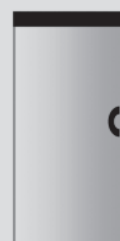
**PFR 10/105 Pinch free 105mm bottom rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	12mm	15mm	19mm
Mill	92000	92411	92420	92440
SAA	92282	92412	92421	92441
Satin Stainless Steel	92283	123761		
Polished Stainless Steel	92284	92414	92423	92443



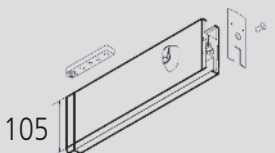
**PFR 11 R/105 Pinch free 105mm bottom rail with lock (no cylinder) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	12mm	15mm	19mm
Mill	93776	93784	93792	93808
SAA	93777	93785	93793	93809
Satin Stainless Steel	93778	93786		
Polished Stainless Steel	93779	93787	93795	93811



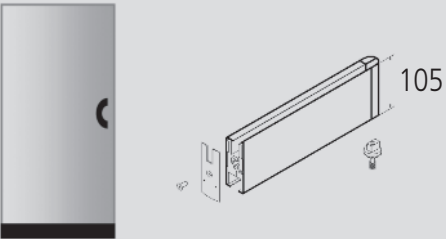
**PFR 20/105 Pinch free 105mm top rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

	10mm	12mm	15mm	19mm
Mill	92006	92755	92763	92789
SAA	92748	92756	92764	92790
Satin Stainless Steel	92749	92757		
Polished Stainless Steel	92750	92758	92766	92792



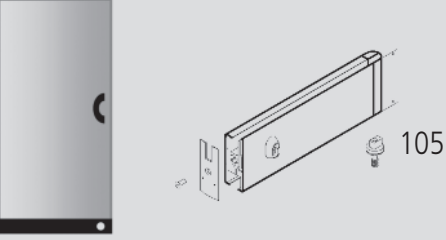
**PFR 21 R/105 Pinch free 105mm top rail with lock (no cylinder) up to 1150mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

	10mm	12mm	15mm	19mm
Mill	93879	93887	93895	93911
SAA	93880	93888	93896	93912
Satin Stainless Steel	93881	93889		
Polished Stainless Steel	93882	93890	93898	93914



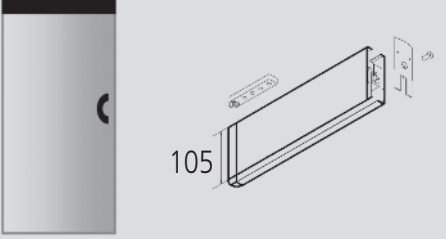
**PFR 10/105 Pinch free 105mm bottom rail (no lock) from 1150-1400mm**  
 Complete with end caps and pivot insert to suit GEZE floor springs (18mm pivot point)

	10mm	12mm	15mm	19mm
Mill	92405	92416	92427	92444
SAA	92407	92417	92428	92445
Satin Stainless Steel	92408	92418		
Polished Stainless Steel	92409	92419	92430	92447



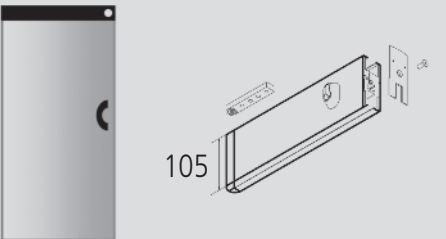
**PFR 11R/105 Pinch free 105mm bottom rail with lock (no cylinder) from 1150-1400mm**  
 Complete with end caps and pivot insert to suit GEZE floor springs (18mm pivot point)

	10mm	12mm	15mm	19mm
Mill	93780	93788	93796	93812
SAA	93781	93789	93797	93813
Satin Stainless Steel	93782	93790		
Polished Stainless Steel	93783	92791	93799	93815



**PFR 20/105 Pinch free 105mm top rail (no lock) from 1150-1400mm**  
 Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

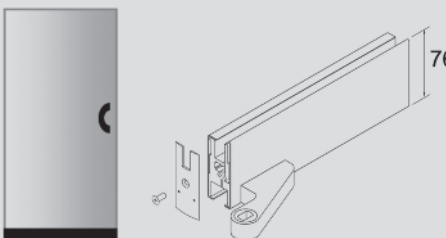
	10mm	12mm	15mm	19mm
Mill	92751	92759	92767	92793
SAA	92752	92760	92768	92794
Satin Stainless Steel	92753	92761		
Polished Stainless Steel	92754	92762	92770	92796



**PFR 21R/105 Pinch free 105mm top rail with lock (no cylinder) from 1150-1400mm**  
 Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

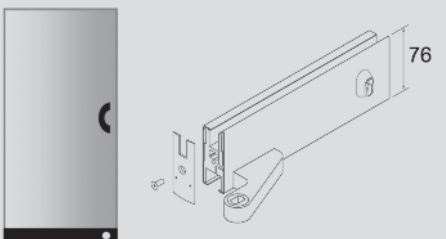
	10mm	12mm	15mm	19mm
Mill	93883	93891	93899	93915
SAA	93884	93892	93900	93916
Satin Stainless Steel	93885	93893		
Polished Stainless Steel	93886	93894	93902	93918

**Single action rails**



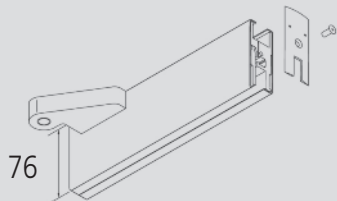
**ATR 10/76 Single action 76mm bottom rail no lock max. 1200mm**  
 With end caps and pivot insert to suit GEZE floor springs or free swing bottom pivot PTP26 (LH illustrated)

	10mm LH	12mm LH	10mm RH	12mm RH
Mill	95212	95220	95216	95224
SAA	95213	95221	95217	95225
Satin Stainless Steel	95214	95222	95218	95226
Polished Stainless Steel	95215	95223	95219	95227



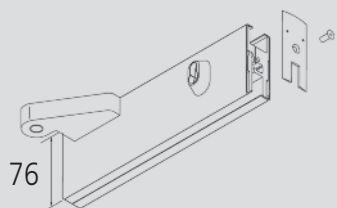
**ATR 11R/76 Single action 76mm bottom rail with lock (no cylinder) max. 1200mm**  
 With end caps (LH illustrated)

	10mm LH	12mm LH	10mm RH	12mm RH
Mill	95260	95268	95264	95272
SAA	95261	95269	95265	95273
Satin Stainless Steel	95262	95270	95266	95274
Polished Stainless Steel	95263	95271	95267	95275



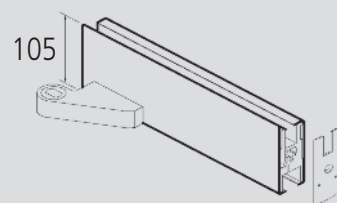
**ATR 20/76 Single action 76mm top rail no lock max. 1200mm**  
With end caps

	10mm LH	12mm LH	10mm RH	12mm RH
Mill	95284	95292	95288	95296
SAA	95285	95293	95289	95297
Satin Stainless Steel	95286	95294	95290	95298
Polished Stainless Steel	95287	95295	95291	95299



**ATR 21 R/76 Single action 76mm top rail with lock (no cylinder) max. 1200mm**  
With end caps

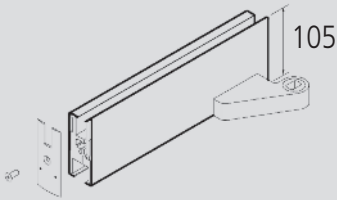
	10mm LH	12mm LH	10mm RH	12mm RH
Mill	95332	95340	95336	95344
SAA	95333	95341	95337	95345
Satin Stainless Steel	95334	95342	95338	95346
Polished Stainless Steel	95335	95343	95339	95347



**ATR 10/105 LH Single action 105mm bottom rail no lock max. 1200mm**

With end caps and pivot insert to suit GEZE floor springs or free swing bottom pivot PTP26

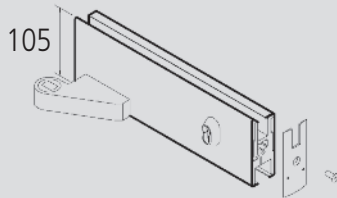
	10mm	12mm	15mm
Mill	94072	94341	94359
SAA	94073	94342	94360
Satin Stainless Steel	94074	94343	94361
Polished Stainless Steel	94075	94357	94362



**ATR 10/105 RH Single action 105mm bottom rail no lock max. 1200mm**

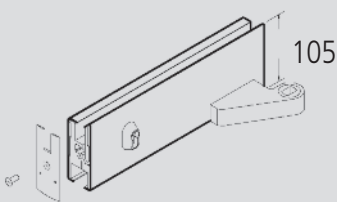
With end caps and pivot insert to suit GEZE floor springs or free swing bottom pivot PTP26

	10mm	12mm	15mm
Mill	94337	94344	94363
SAA	94338	94345	94364
Satin Stainless Steel	94339	123762	94365
Polished Stainless Steel	94340	94358	94366



**ATR 11 R/105 LH Single action 105mm bottom rail with lock (no cylinder) max. 1200mm**  
With end caps

	10mm	12mm	15mm
Mill	94112	94391	94400
SAA	94113	94393	94401
Satin Stainless Steel	94114	94394	94402
Polished Stainless Steel	94115	94395	94403

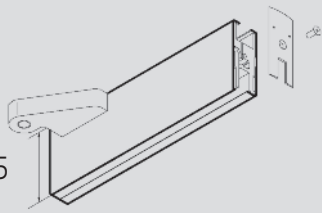


**ATR 11 R/105 RH Single action 105mm bottom rail with lock (no cylinder) max. 1200mm**  
With end caps

	10mm	12mm	15mm
Mill	94387	94396	94404
SAA	94388	94397	94405
Satin Stainless Steel	94389	94398	94406
Polished Stainless Steel	94390	94399	94407



105



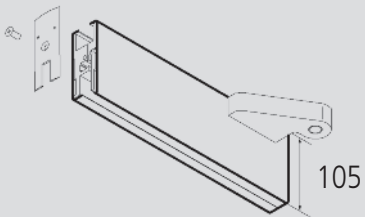
### ATR 20/105 LH Single action 105mm top rail no lock max. 1200mm

With end caps

	10mm	12mm	15mm
Mill	94120	94436	94444
SAA	94121	94437	94445
Satin Stainless Steel	94122	94438	94446
Polished Stainless Steel	94123	94439	94447



105



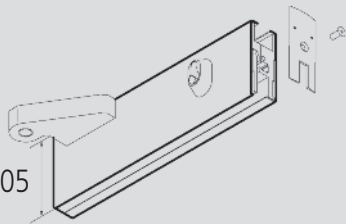
### ATR 20/105 RH Single action 105mm top rail no lock max. 1200mm

With end caps

	10mm	12mm	15mm
Mill	94432	94440	94448
SAA	94433	94441	94449
Satin Stainless Steel	94434	94442	94450
Polished Stainless Steel	94435	94443	94451



105



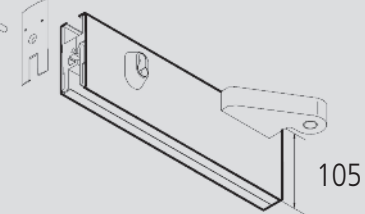
### ATR 21R/105 LH Single action 105mm top rail with lock (no cylinder) max. 1200mm

With end caps

	10mm	12mm	15mm
Mill	94128	94476	94484
SAA	94129	94477	94485
Satin Stainless Steel	94130	94478	94486
Polished Stainless Steel	94131	94479	94487



105



### ATR 21R/105 RH Single action 105mm top rail with lock (no cylinder) max. 1200mm

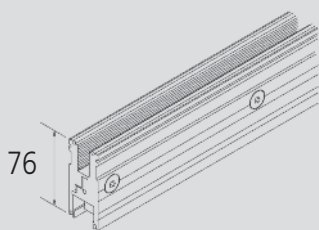
With end caps

	10mm	12mm	15mm
Mill	94472	94480	94488
SAA	94473	94481	94489
Satin Stainless Steel	94474	94482	94490
Polished Stainless Steel	94475	94483	94491

## ATR - Single Action Rail Options

An extensive range of special single action rails are available upon request. These include single or double FREE GLASS EDGES to suit a variety of rebated frames. Special pivot offset rails and side locking versions are also available. Contact our Technical Department for information.

**Components for rails**



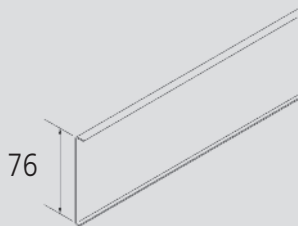
**PTC 76.6 76mm Base rail**

Mill - Cut to size

10/12mm  
96105

Mill - 6m length

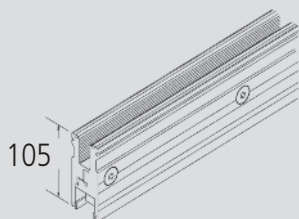
10/12mm  
96107



**PTC 76.6/B 76mm Cover plate - stock lengths**

Mill (6 metre)  
SAA (6 metre)  
Satin Stainless Steel (2 metre)  
Polished Stainless Steel (2 metre)

10/12mm  
96125  
96126  
96123  
96124



**PTC 105.6/A 105mm Base rail**

Mill - Cut to size

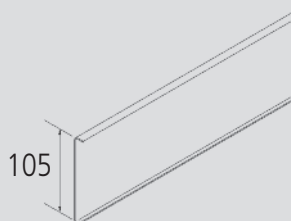
10/12mm  
96140

Mill - 6m length

10/12mm  
96142

Mill - 6m length

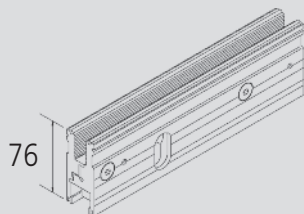
15mm  
96145



**PTC 105.6/B 105mm Cover plate - stock lengths**

Mill (6 metre)  
SAA (6 metre)  
Satin Stainless Steel (2 metre)  
Polished Stainless Steel (2 metre)

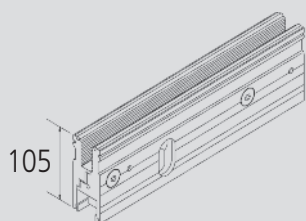
Ident  
96166  
96167  
96164  
96165



**PTC 76/LR/S10/12 76mm Lock block with round bolt**  
(cylinder not supplied)

Mill

Ident  
96093



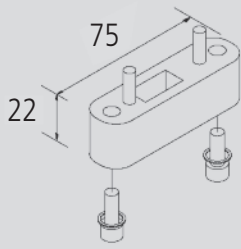
**PTC 105/LR/S10/12 105mm Lock block with round bolt**  
(cylinder not supplied)

Mill

12mm  
96153

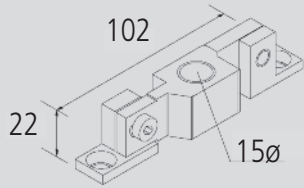
Mill

15mm  
96154



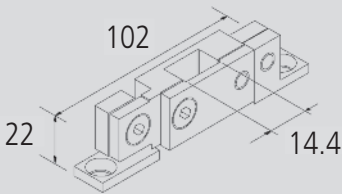
**PTC 76/105/10C Bottom pivot insert**  
To suit GEZE floorsprings or PTP 26 pivot

Plated Steel	<b>Ident</b> 96186
--------------	-----------------------



**PTC 76/105/20C Top pivot insert**  
To suit top pivots with 15mm Ø pins

Plated Steel	<b>Ident</b> 96187
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**PTC 76/105/22C Top pivot insert**  
To suit transom closers (pivot point fixed at 65mm)

Plated Steel	<b>Ident</b> 130469
--------------	------------------------



**PTC 76/F 76mm Rail end cap**

	<b>8/10/12mm</b>
Mill	96129
SAA	96130
Satin Stainless Steel	96131
Polished Stainless Steel	96132



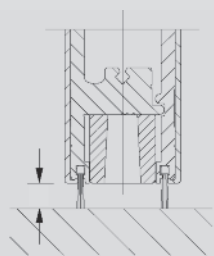
**PTC 105/F 105mm Rail end cap**

	<b>8/10/12mm</b>	<b>15mm</b>
Mill	96170	96174
SAA	96171	96175
Satin Stainless Steel	96172	96176
Polished Stainless Steel	96173	96177



**PTC 76/105 G 76mm Rail escutcheon**

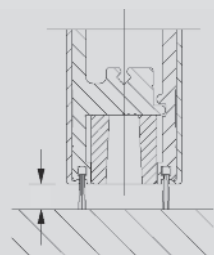
	<b>8/10/12mm</b>
Mill	96133
SAA	96134
Satin Stainless Steel	96135
Polished Stainless Steel	96136



**PTC 76/105/H Top/bottom brush seal**

3000mm length

Ident  
96189



**PTC 76/105/I Top/bottom rubber swipe seal**

6000mm length

Ident  
96190

**PTC 76/105/J/S10 Reduction gasket**

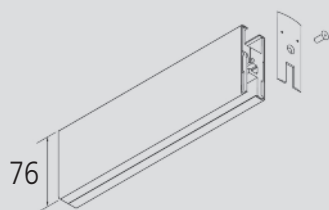
2.2mm for 10mm glass/per m

Ident  
96192

**PTC 76/105/J/S12 Reduction gasket**

1.2mm for 12mm glass/per m

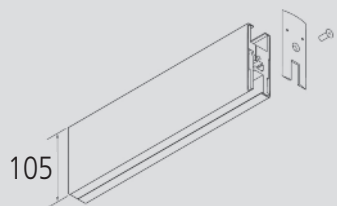
96193



**Top and bottom side panel 76mm per linear metre**

10mm 12mm 15mm 19mm

Complete with 1x end caps  
Mill  
SAA  
Satin Stainless Steel  
Polished Stainless Steel



**Top and bottom side panel 105mm per linear metre**

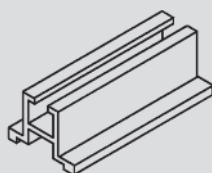
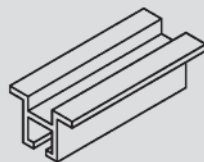
10mm 12mm 15mm 19mm

Complete with 1x end caps  
Mill  
SAA  
Satin Stainless Steel  
Polished Stainless Steel

PTC76/105/4



PTC76/105/8



**PTC 76/105/4 Fixed side panel top rail filler**

Provides 4mm height compensation for fixed side panel adjacent to doors

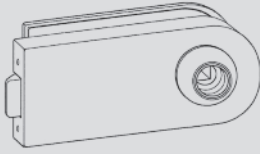
	<b>Cut to size</b>	<b>6000mm</b>
Mill	96228	96236
SAA	96229	96237

**PTC 76/105/8 Fixed side panel bottom rail filler**

Provides 8mm height compensation for fixed side panel adjacent to doors

	<b>Cut to size</b>	<b>6000mm</b>
Mill	96195	96224
SAA	126160	96225

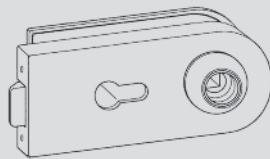
**Studio 85 interior range (8-12mm glass)**



**STRL/P/UV/LR/S12 Studio 85 latch prepared for levers without roses**

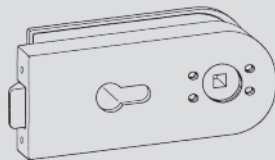
Levers in rear position

	Ident
Mill	98049
SAA	98050
Satin Stainless Steel	98051
Polished Chrome Plate	98052



**SRTL/P/Z/S12 Studio 85 locking latch prepared for levers without roses**

	Ident
Mill	98057
SAA	98058
Satin Stainless Steel	98059
Polished Chrome Plate	98060

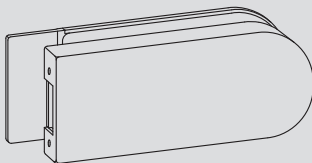


**STRL/P/PZ/RHFHV/S12 Studio 85 locking latch prepared for levers with roses**

	Ident
Mill	98070
SAA	98071
Satin Stainless Steel	98072
Polished Chrome Plate	98073

**55mm diameter roses**  
**38mm diameter fixing centres**  
**Adapter roses will be supplied**

**Please contact us when using spring loaded lever handles**



**STRL/P/SB/S12 Studio 85 strike box**

	Ident
Mill	98090
SAA	98091
Satin Stainless Steel	98092
Polished Chrome Plate	98093



### Junior interior range (10-12mm glass)



#### JRL/LB/PZ/RHFHV/V/S12 prepared for lever handles with roses

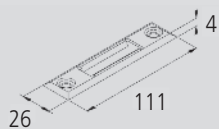
	LH	RH
Mill	96939	96943
SAA	96940	96944
Satin Stainless Steel	96941	96945
Polished Stainless Steel	96942	96946



#### JRL/LB/SB/S12 Strike box

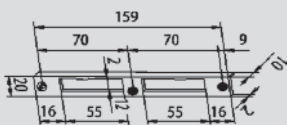
	LH	RH
Mill	96874	96878
SAA	96875	96879
Satin Stainless Steel	96876	96880
Polished Stainless Steel	96877	96881

### Studio 85 & Junior office accessories



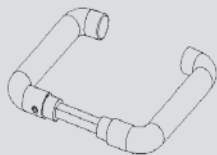
#### STS/01 Studio strike plate

	Ident
Satin Stainless Steel	97369



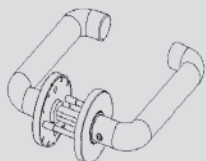
#### JSP/01 Junior strike plate

Satin Stainless Steel	97371
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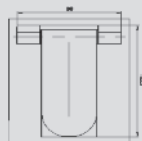
#### ST/J/A/L.2 Pair of round lever handles without roses

SAA	85993
Satin Stainless Steel	87792



#### T/J/A/LR.2 Pair of round lever handles with roses

SAA	22326
Satin Stainless Steel	85968



#### Studio 85 hinge range

SAA	115504
Simulated Stainless Steel	115505

### Handles



#### Straight back to back pull "D" handles - 400mm centres

	Ident
Satin Stainless Steel	97326

#### Straight back to back pull "D" handles - 650mm centres

Satin Stainless Steel	97330
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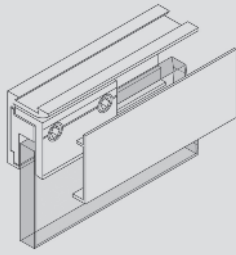
#### Straight back to back pull "D" Handles - 900mm centres

Satin Stainless Steel	97334
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#### Important Note

All handles shown are 30mm diameter, 80mm projection and require two 18/20mm holes in glass. Other handles are available on request.

## Clamping profile system 8, 10, 12mm

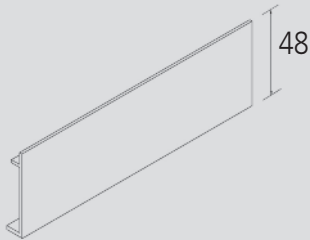


**Please state glass thickness when ordering**  
**Glass clamps and standard clamping profile covers are only available in MILL finish, as they are NOT visible**  
**Secondary covers will be required to give the desired finish**

**PCB/48.1/S12 Clamping base rail**

6m length includes 3 glass clamps per meter and standard MILL covers  
 (Secondary covers will be required separately)

Mill	97300
------	-------

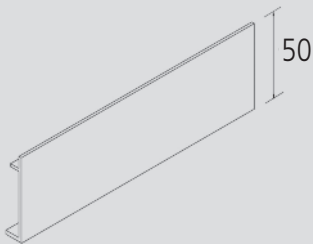


<b>PCC/48.1 Glass clamps</b>	<b>8mm</b>	<b>10mm</b>	<b>12mm</b>
Mill	97310	97311	97312

<b>PCC/48.1 Clamping rail cover plates - 6m stock lengths</b>	
Mill	97302

SAA	97303
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<b>PCC/48.1 Clamping rail cover plates - cut to size / per metre</b>	
Mill	97304
SAA	97305



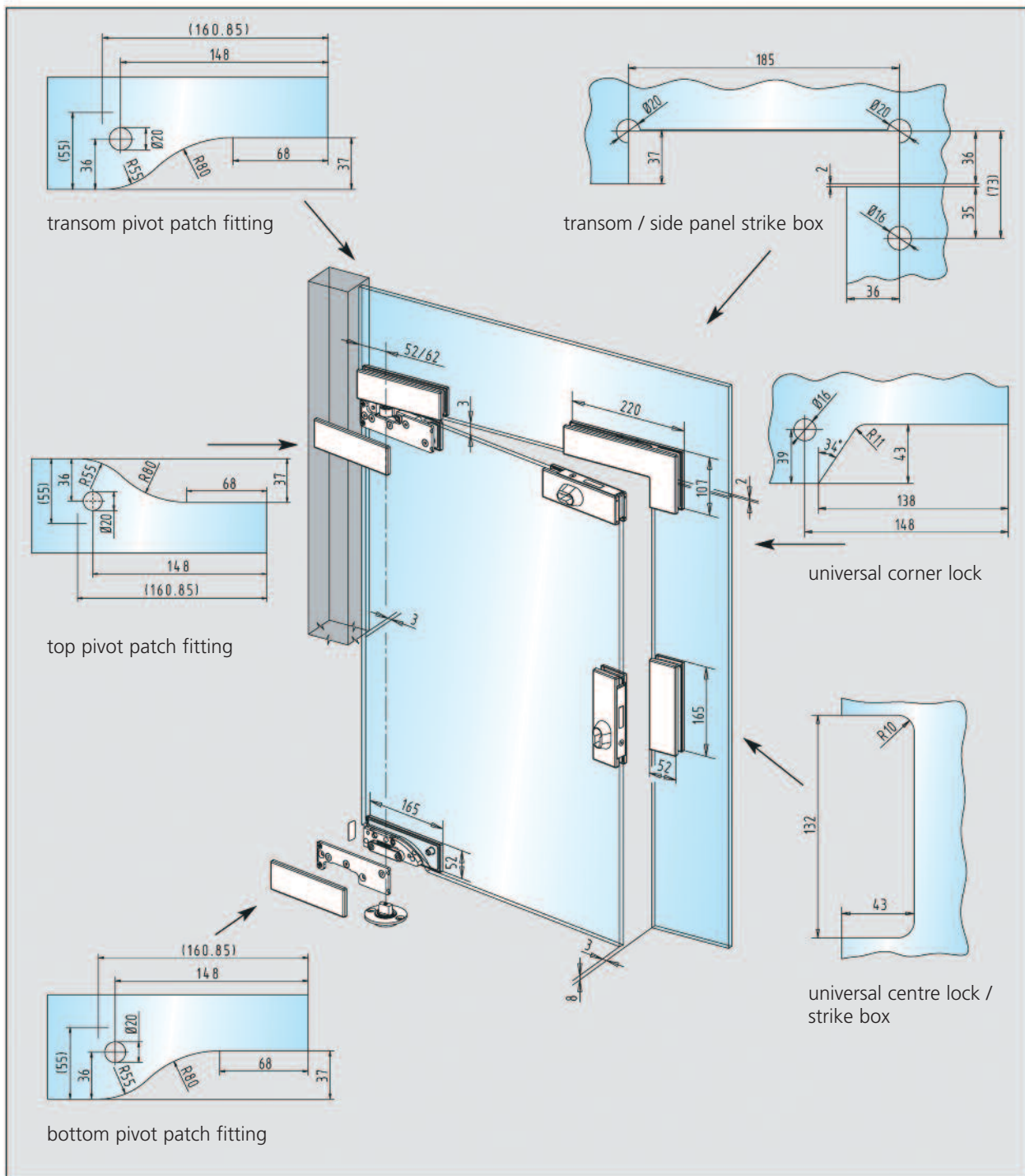
**PCC/48.1 Secondary cover plates - 2m stock lengths**

Satin Stainless Steel  
 Polished Stainless Steel

**PCC/48.1 Secondary cover plates - cut to size / per metre**  
 Satin Stainless Steel  
 Polished Stainless Steel

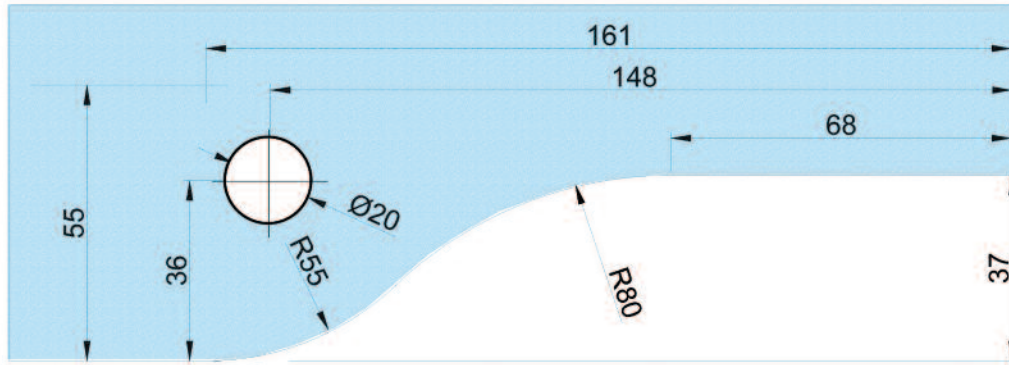
**PCB/base rail - 6m stock lengths**

# Glass preparation technical information



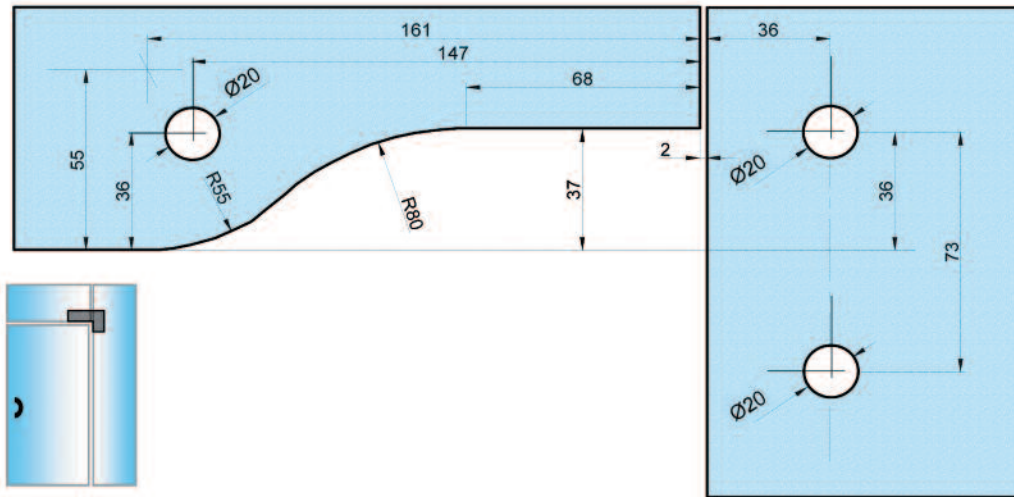
**Information:**

The glass preparation shown applies to 8-12mm toughened glass. When using 15 and 19mm thick glass it is advisable to slot the glass hole and to increase the diameter to 20mm. When ordering angled fittings produced to the customers specification the drawings of the glass preparation will be enclosed with the confirmation.



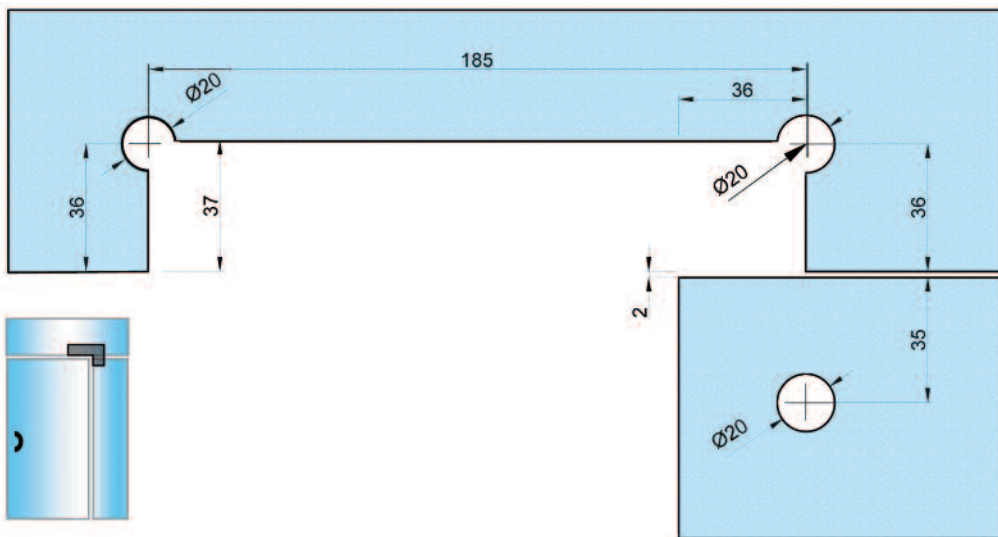
**PTP 10, 20, 22 & 30 (PTS 30, 30.1) (PFP 30) (ATP 30) GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



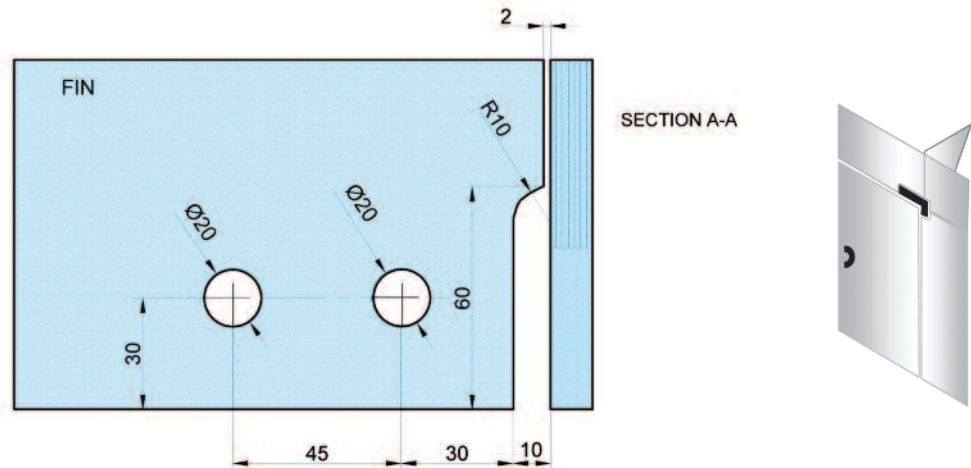
**PTP/S 40/40.1/40.2 (PFP 40) GLASS PREPARATION FOR FULL HEIGHT SIDE PANEL - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



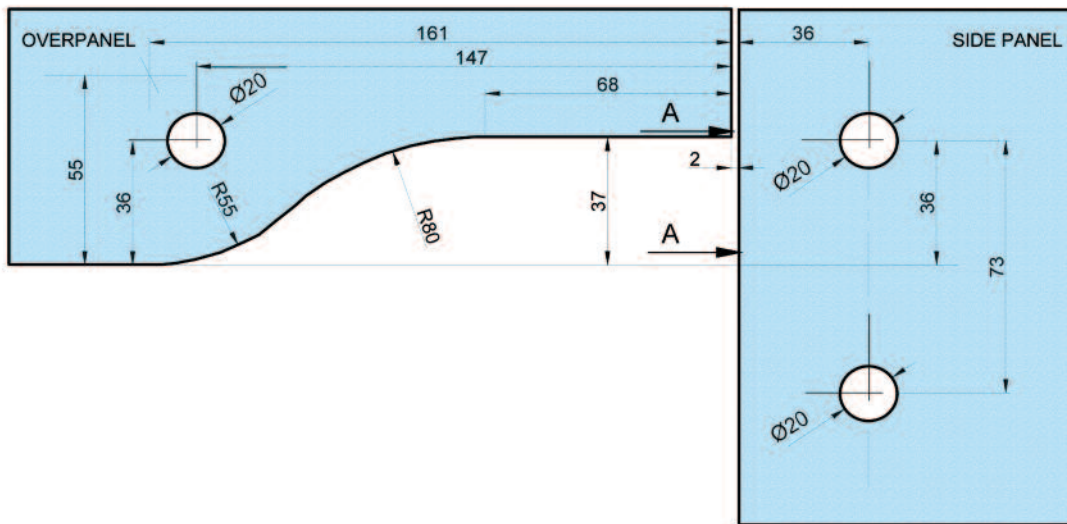
**PTP/S 40 / 40.1 (PFP 40) GLASS PREPARATION FOR FULL HEIGHT SIDE PANEL - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



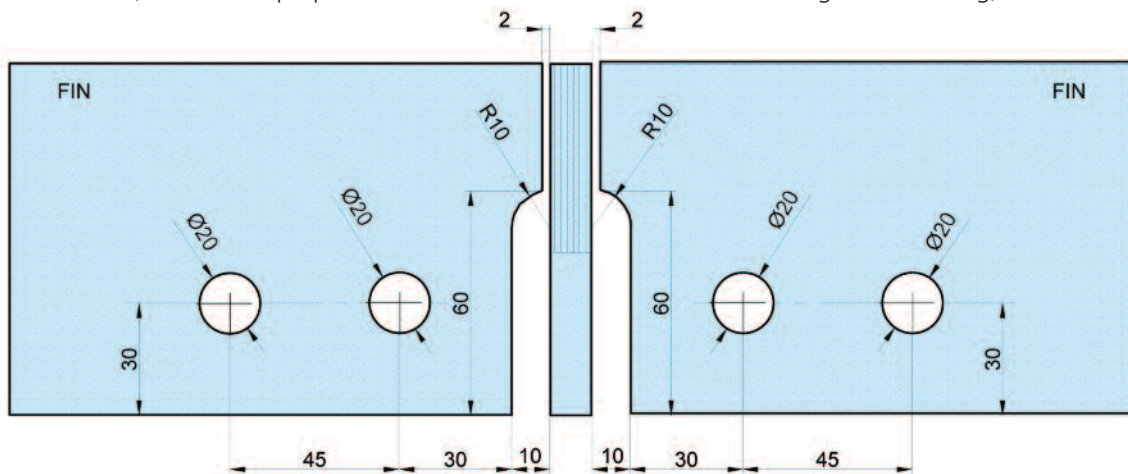
**PTP/S 41 SINGLE FIN GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



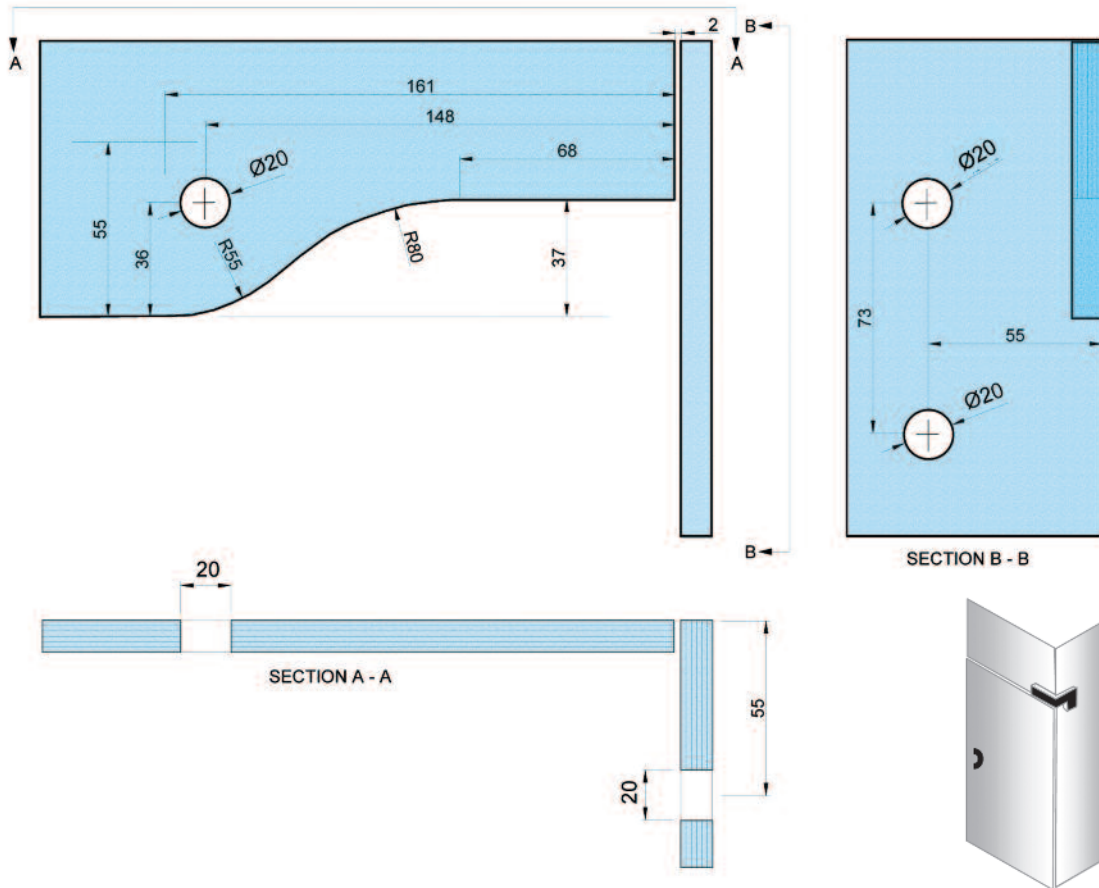
**PTP/S 41/PTP/S 41.2 (PFP 41) GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



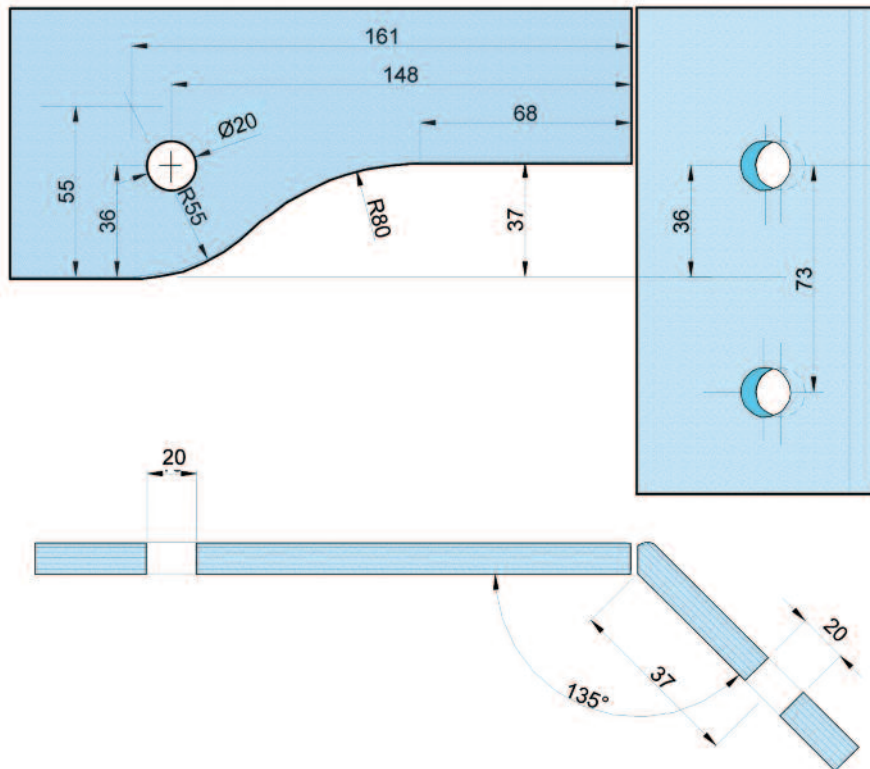
**PTP/S 41.2 DUAL FIN GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



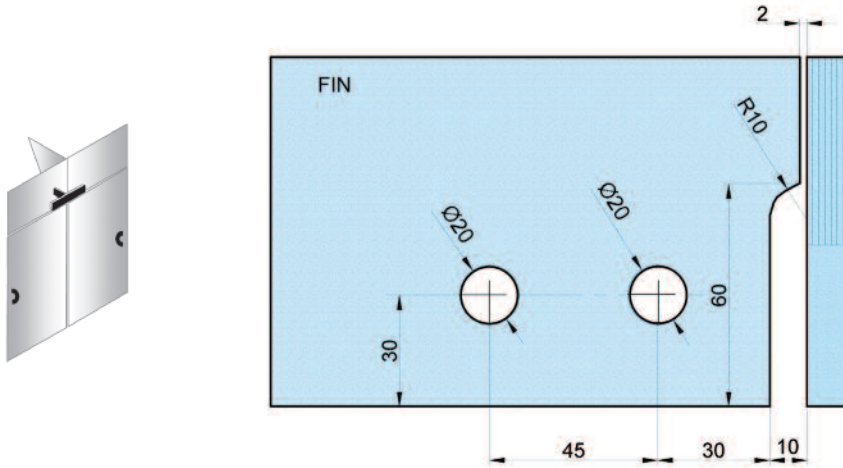
**PTP/S 42 (90°) GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



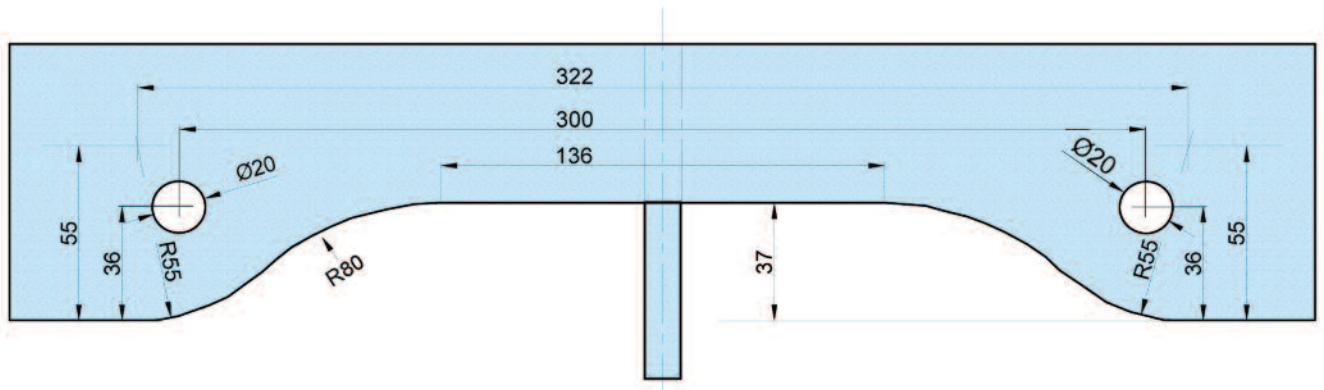
**PTP/S 42.2 (135°) GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



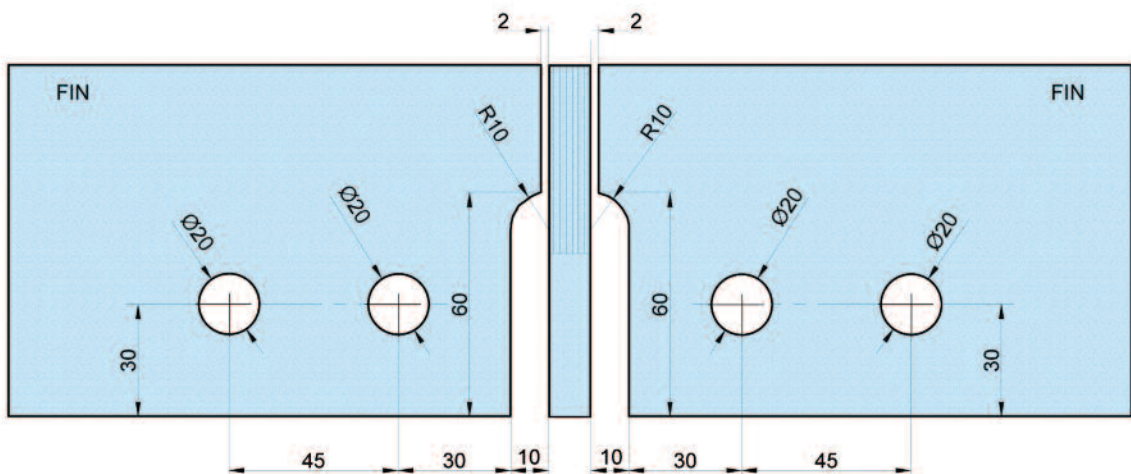
**PTP/S 51 SINGLE FIN GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



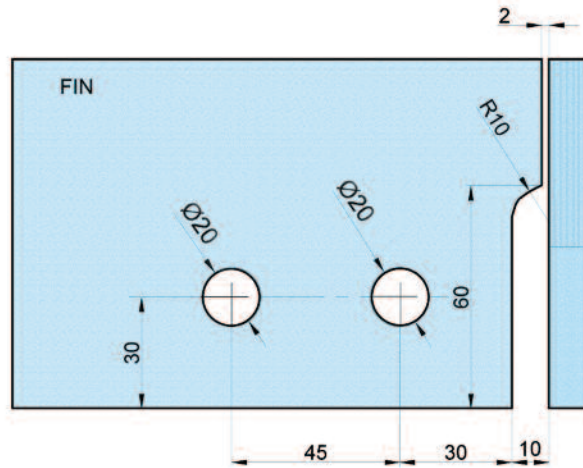
**PTP/S 51 GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



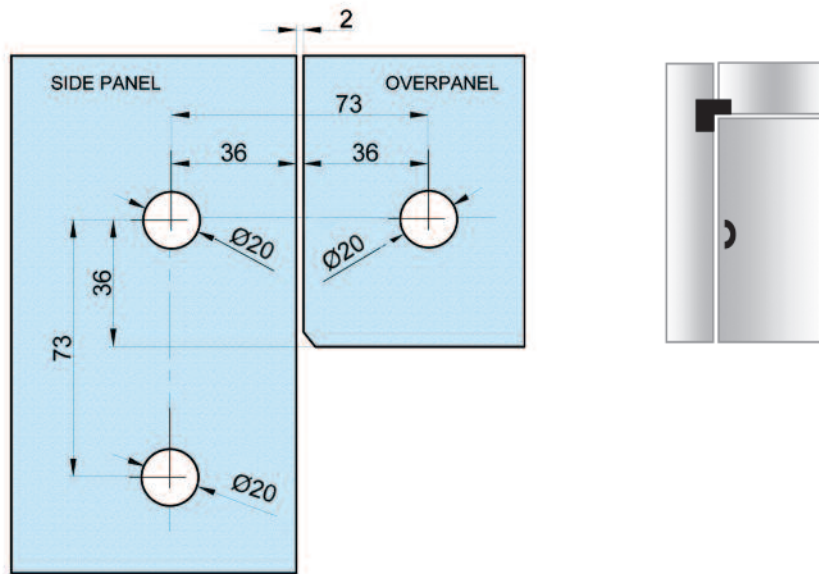
**PTP/S 51 DUAL FIN GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



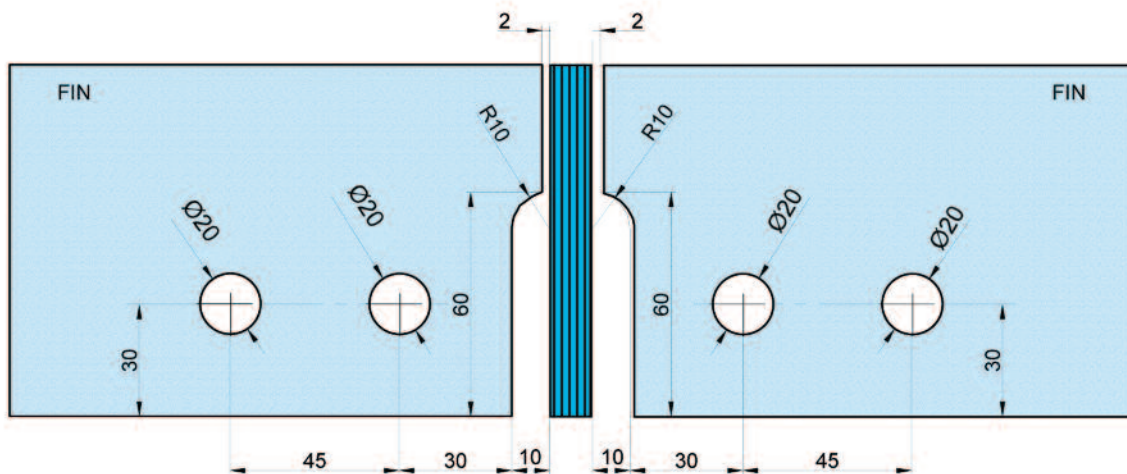
**PTP/S 62 SINGLE FIN GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



**PTP/S 60/61/62 GLASS PREPARATION - NOT TO SCALE**

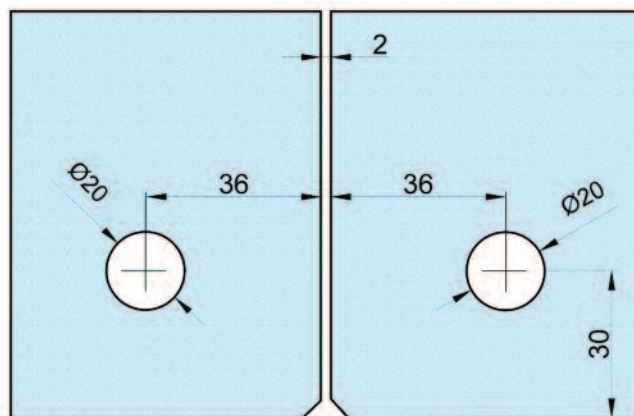
(Note: Glass preparation needs to be orientated to suit fitting and handling)



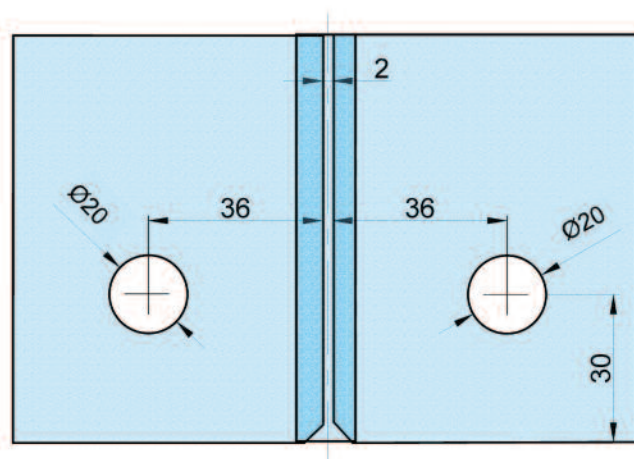
**PTP/S 64 DUAL FIN GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)

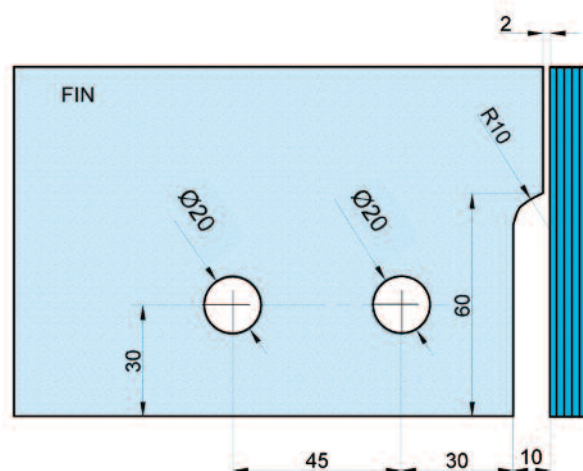




**PTP 70/70.1 GLASS PREPARATION - NOT TO SCALE**

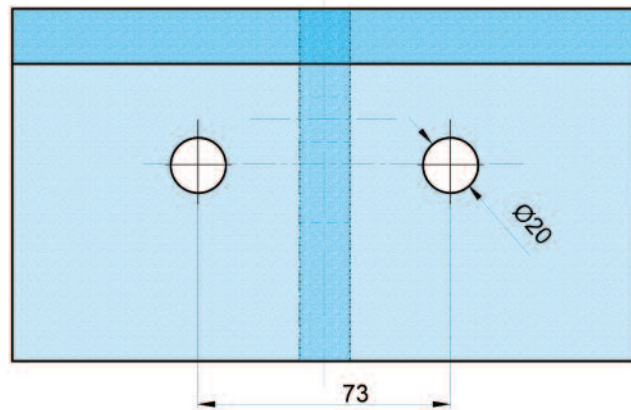
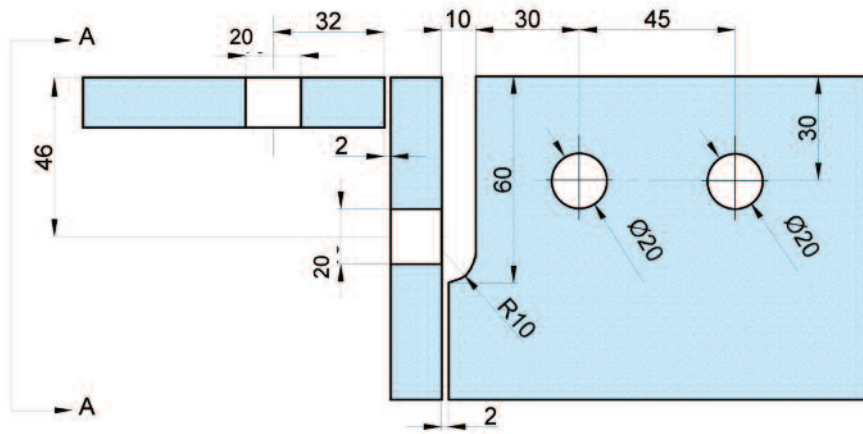


**PTP 71 GLASS PREPARATION - NOT TO SCALE**



**PTP 71 FIN GLASS PREPARATION - NOT TO SCALE**

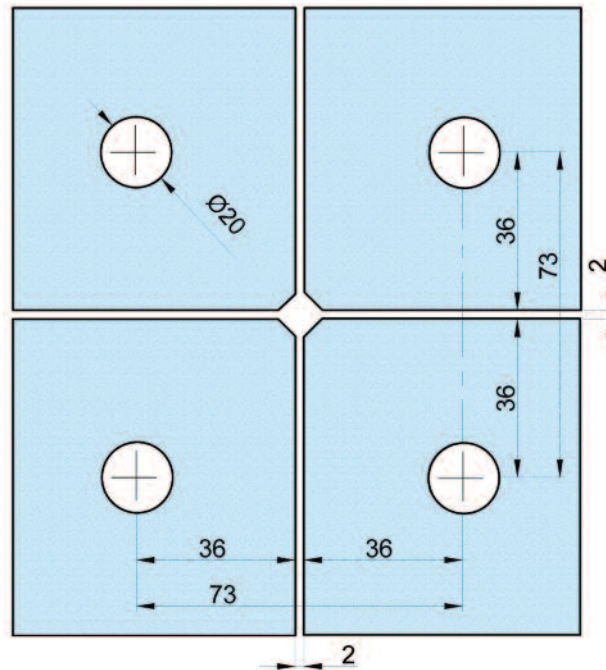
(Note: Glass preparation needs to be orientated to suit fitting and handling)



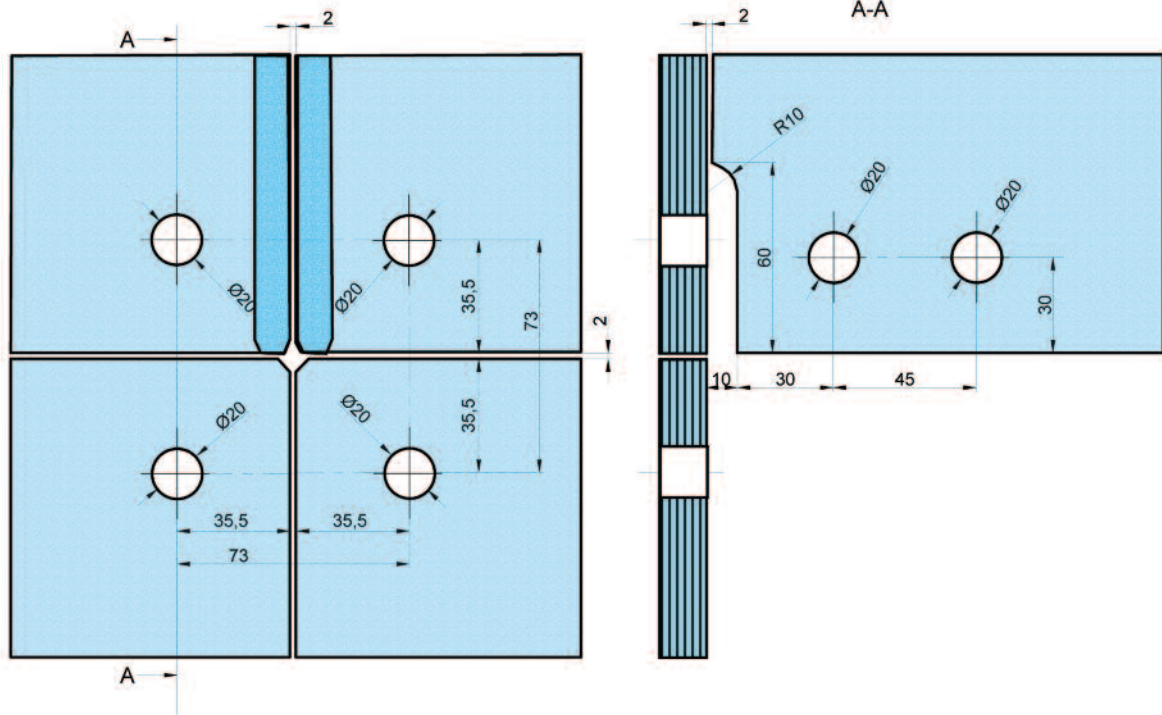
SECTION A - A

**PTP 73 EXTERNAL FIN GLASS PREPARATION - NOT TO SCALE**

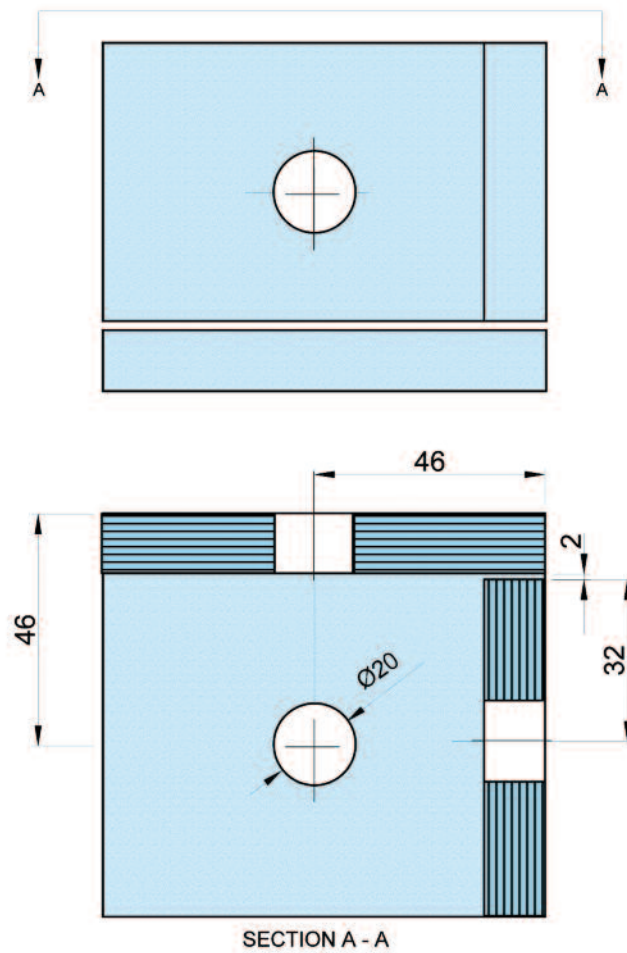
(Note: Glass preparation needs to be orientated to suit fitting and handling)



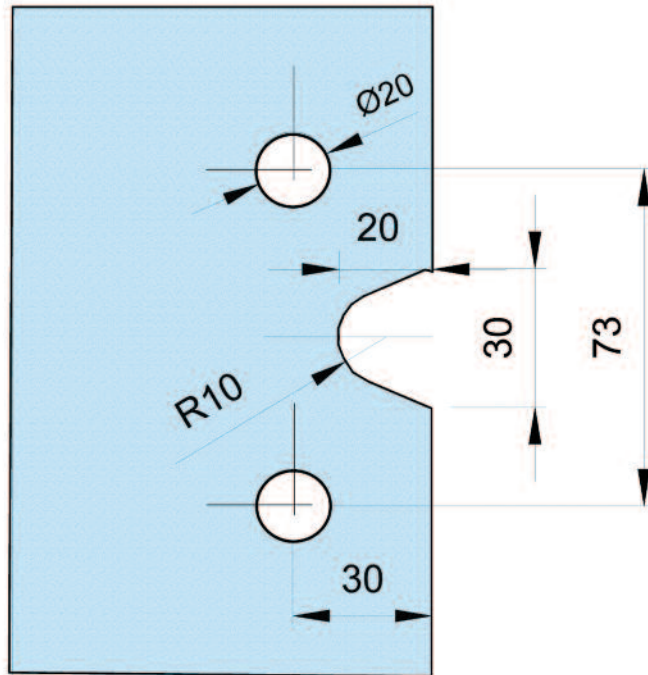
**PTP 80 GLASS PREPARATION - NOT TO SCALE**



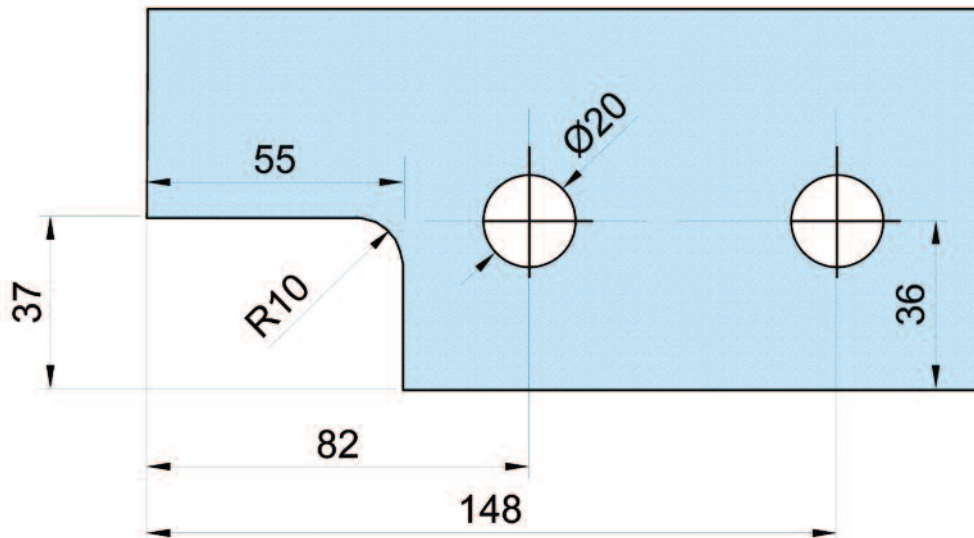
**PTP 81 GLASS PREPARATION - NOT TO SCALE**



**PTP 90 GLASS PREPARATION - NOT TO SCALE**

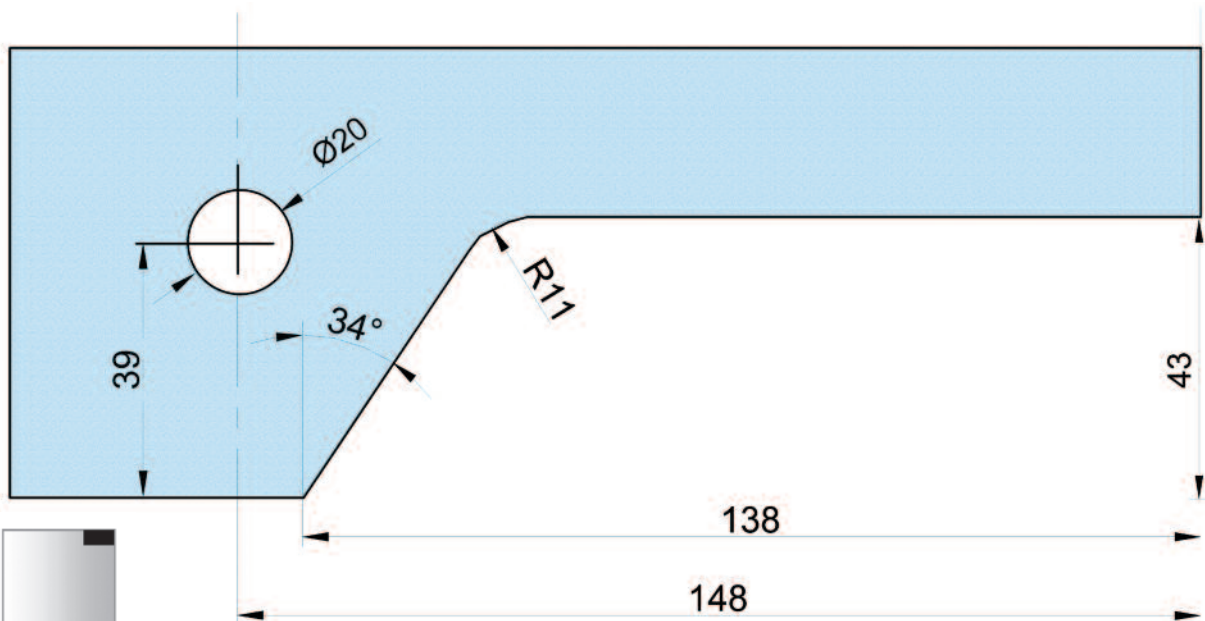


PTP 84 GLASS TO WALL CONNECTION PATCH - NOT TO SCALE



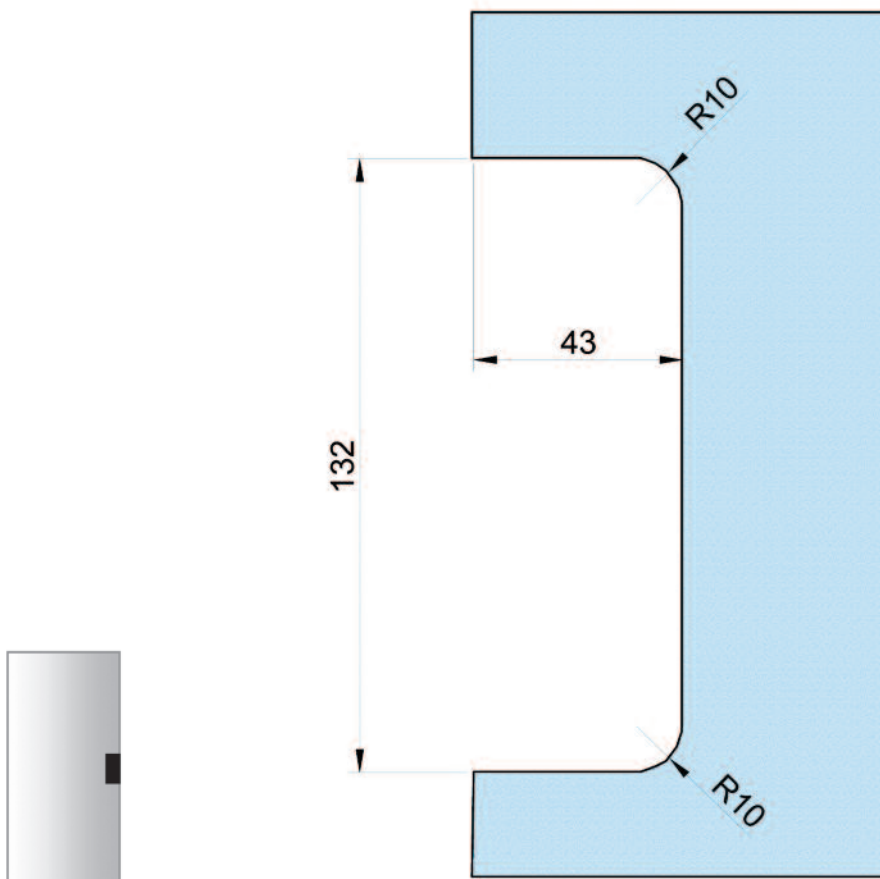
PFP 10, 20 GLASS PREPARATION - NOT TO SCALE

(Note: Glass preparation needs to be orientated to suit fitting and handling)

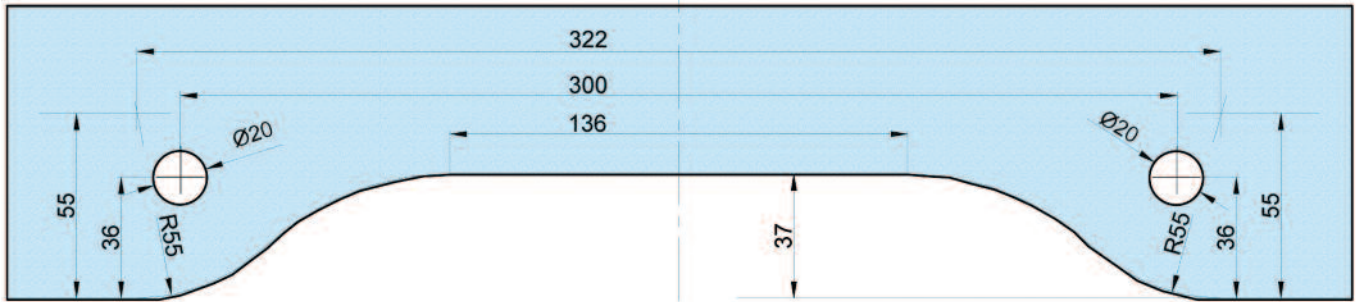


**PTL 10 LOCK GLASS PREPARATION - NOT TO SCALE**

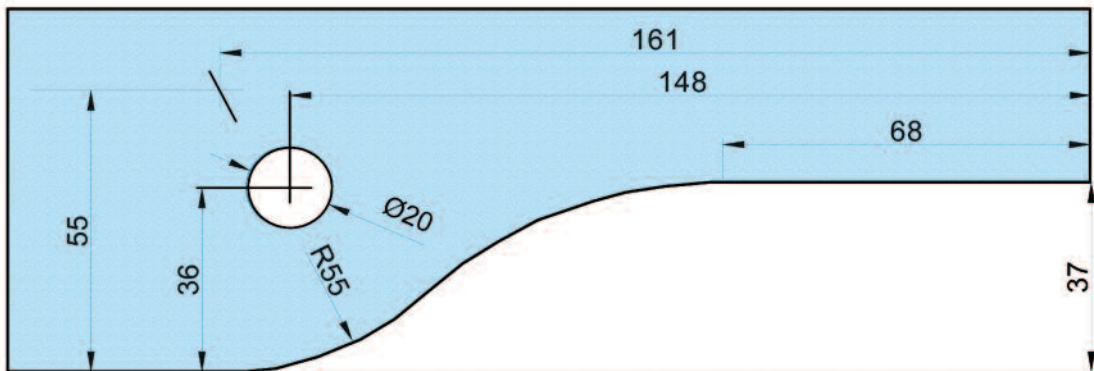
(Note: Glass preparation needs to be orientated to suit fitting and handling)



**PTL 20 LOCK AND PTS 50 STRIKE GLASS PREPARATION - NOT TO SCALE**

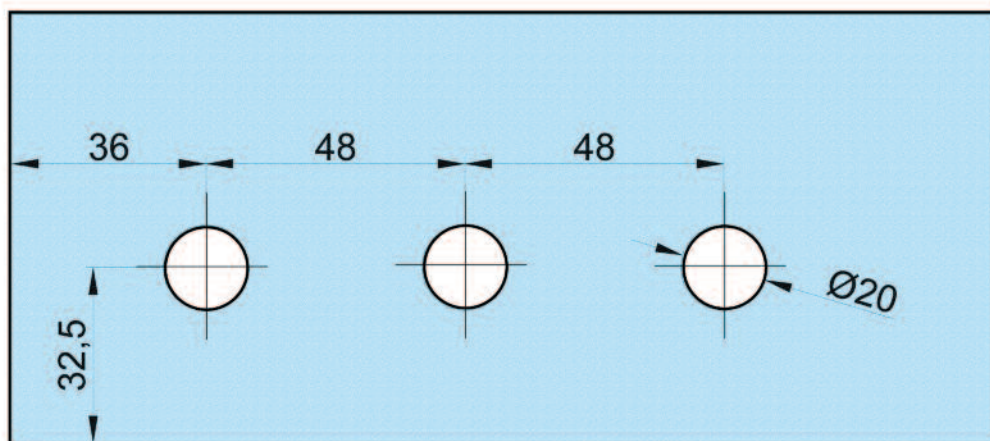


**PTS 20 GLASS PREPARATION - NOT TO SCALE**



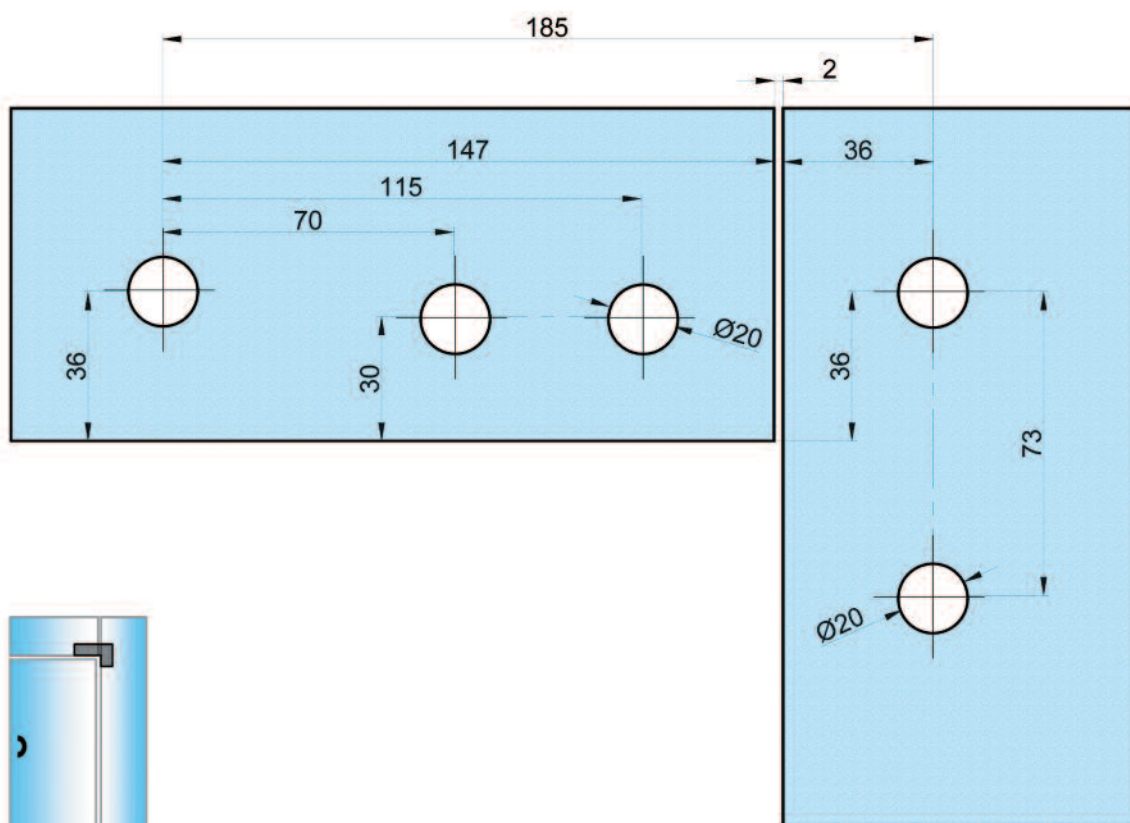
**PTS 30 GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)

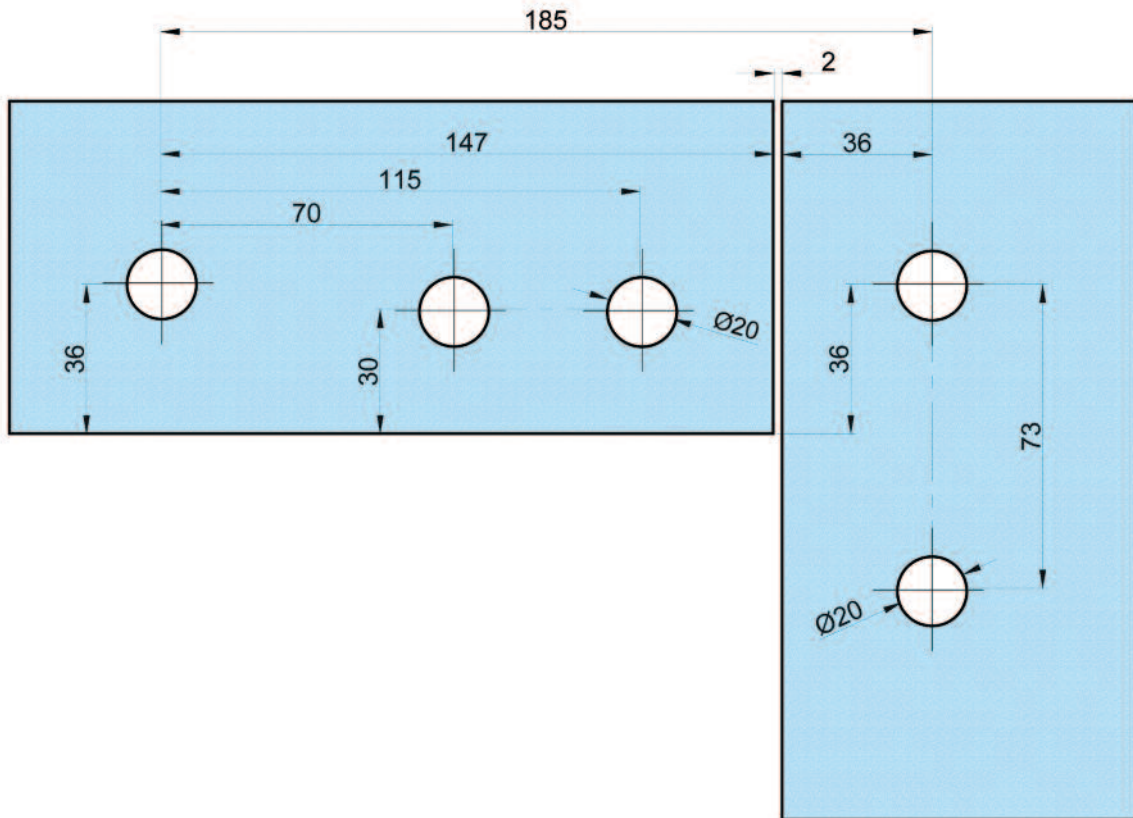
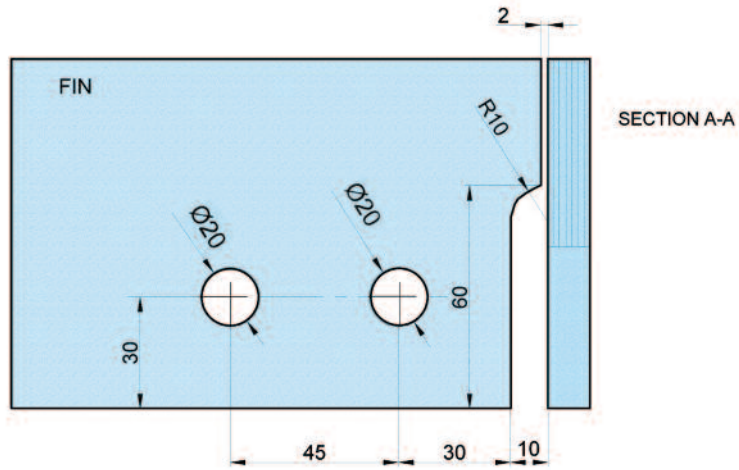


**ATP 10, 20 SINGLE ACTION PATCH - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)



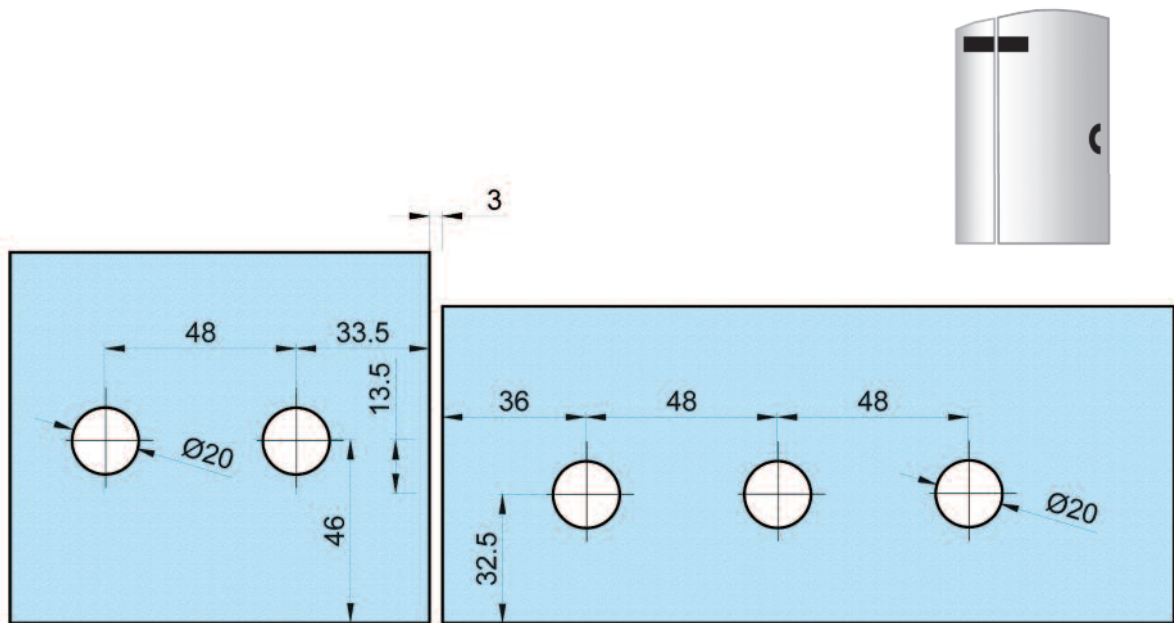
**ATP 40 GLASS PREPARATION - NOT TO SCALE**



**ATP 41 GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)

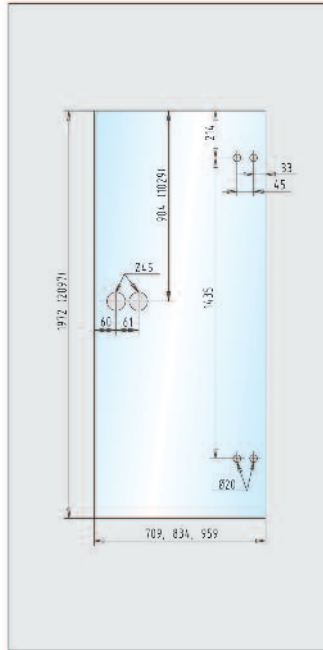




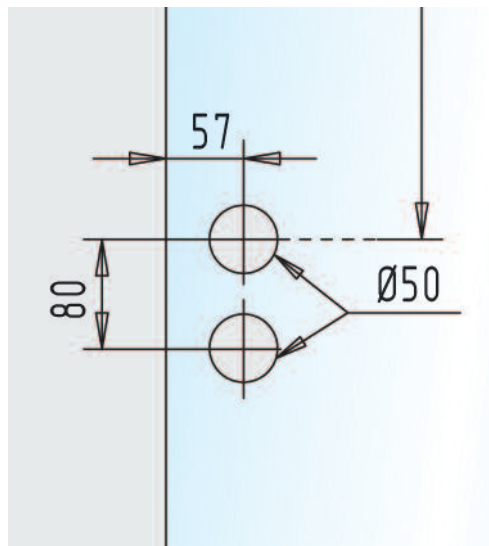
**ATP 28 GLASS PREPARATION - NOT TO SCALE**

(Note: Glass preparation needs to be orientated to suit fitting and handling)

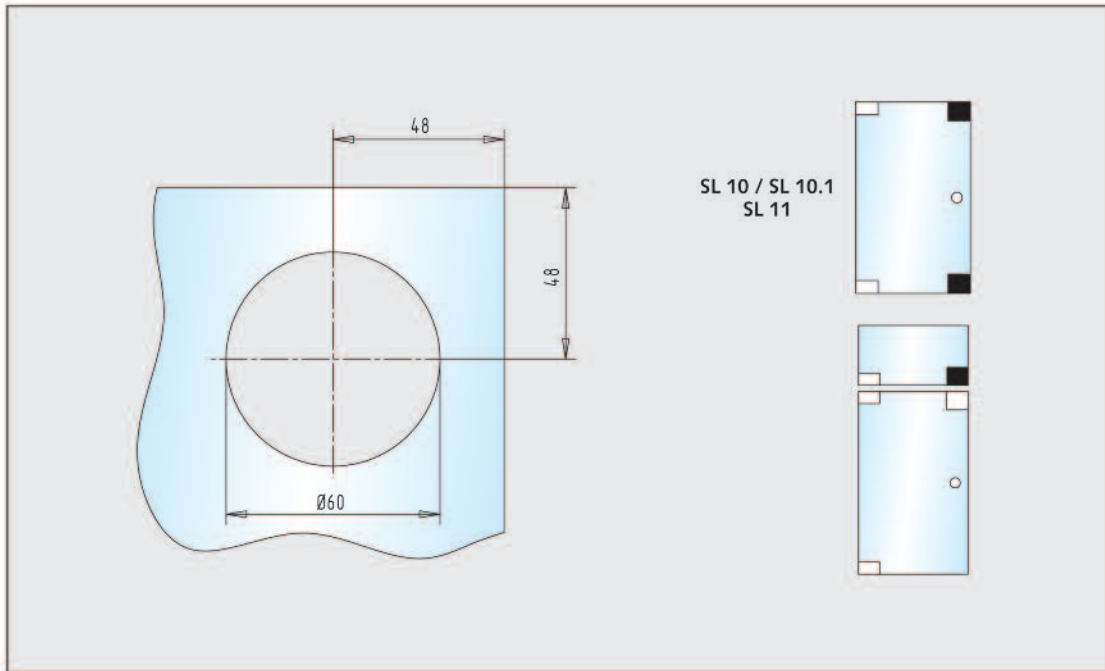
Standard door leaf



## STUDIO LOCK GLASS PREPARATION

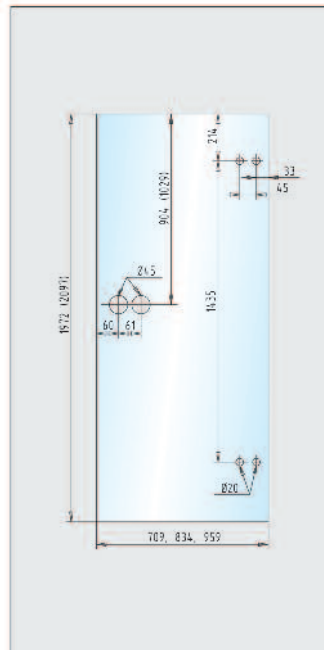


## JUNIOR LOCK GLASS PREPARATION



**SL10 LOCK PREPARATION**

Standard door leaf



**STUDIO HINGE GLASS PREPARATION**

NOTE: GLASS PREPARATION DETAILS ARE NOT TO SCALE. CAD DRAWINGS IN DXF OR DWG FORMAT ARE AVAILABLE UPON REQUEST. DIMENSIONS MAY VARY DEPENDING ON GLASS THICKNESS. PLEASE CONTACT OUR TECHNICAL DEPARTMENT FOR ADVICE.

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