



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.

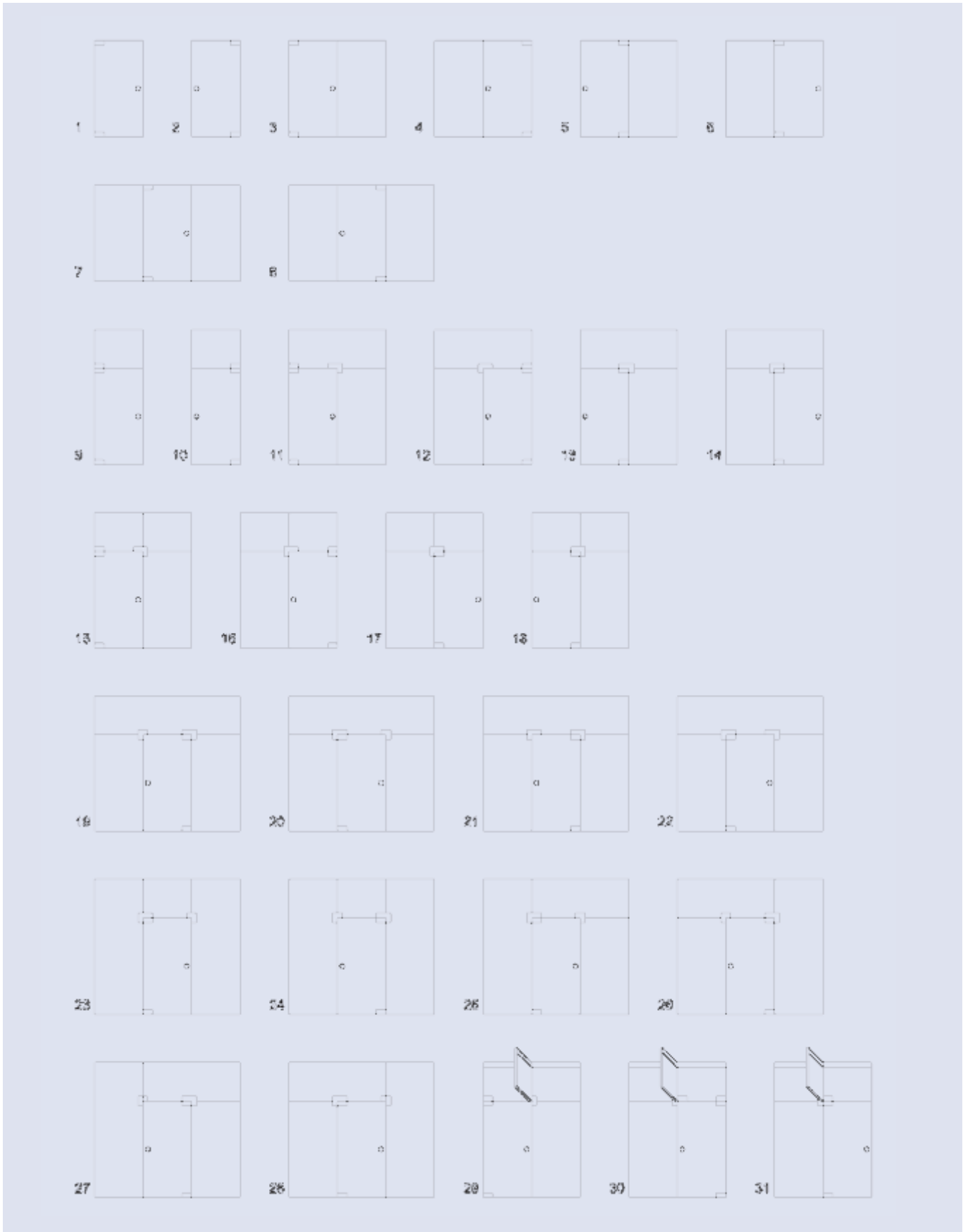
All fittings have been fully tested to ensure that when used correctly, they can perform easily within GEZE guidelines.

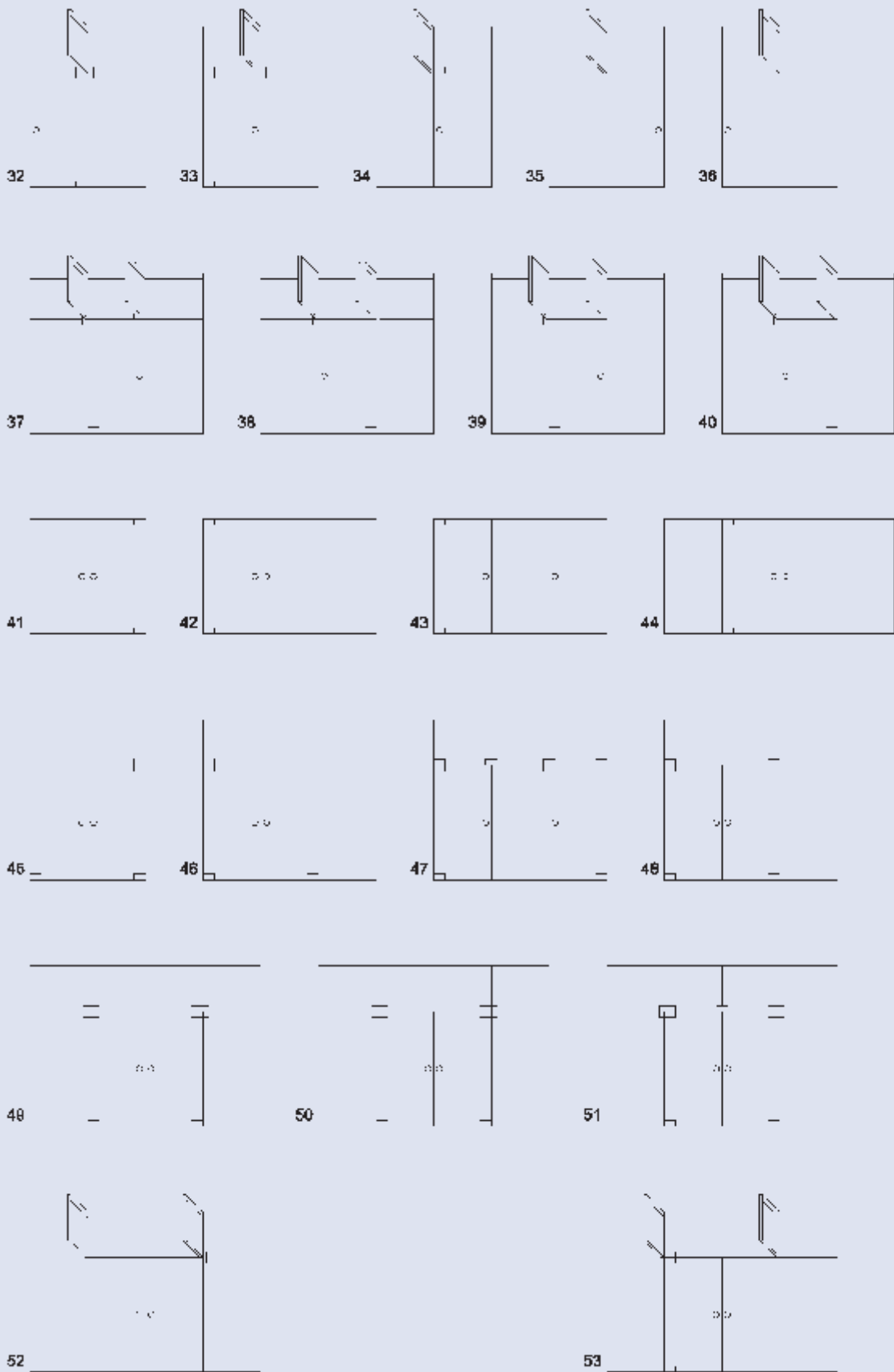
### Testing Results

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



# GEZE SGG Configurations







## 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

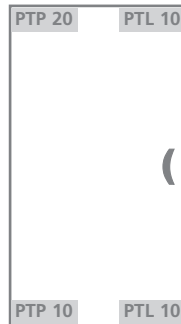
Notes :

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

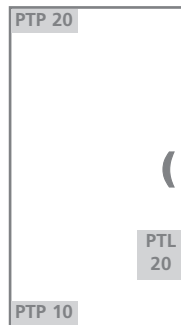
Notes :

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

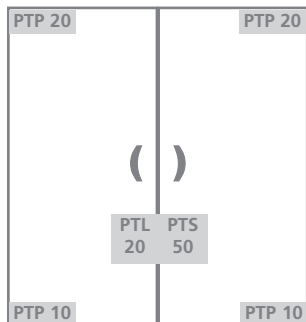
Notes :

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

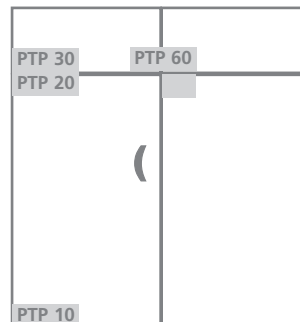
Notes:

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

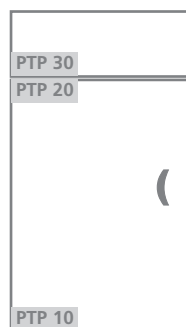
Notes:

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

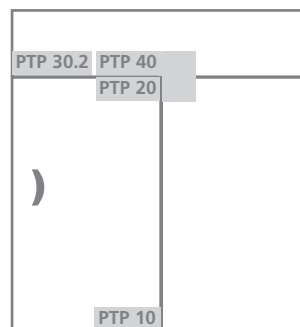
Notes

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

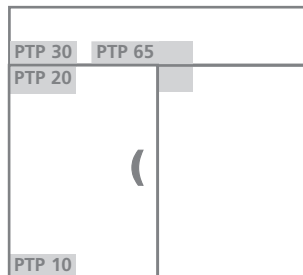
Notes :

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

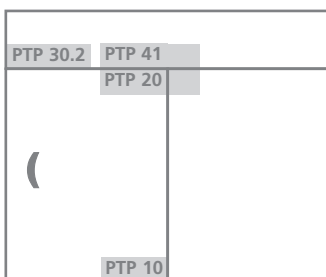
- 1 x PTP10 Bottom pivot patch fitting
- 1 x PTP20 Top pivot patch fitting
- 1 x PTP30 Transom mounted pivot patch
- 1 x PTP30.4 Fixing plate for PTP30
- 1 x PTP65 (LH or RH) Transom/Sidewing connector patch with fin attachment
- 1 x TS550 Heavy duty floorspring
- 1 x TS550 Floorspring coverplate

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

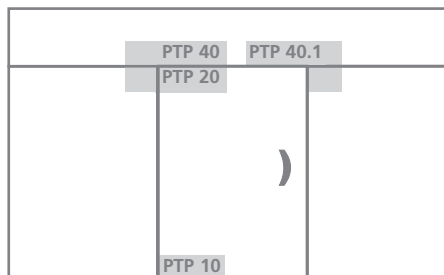
Notes :

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

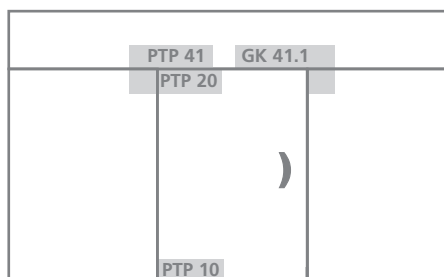
Notes :

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 :

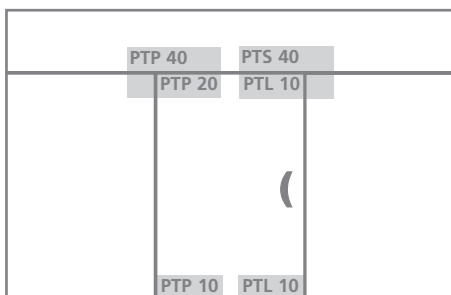
All examples assume the use of the following :

- 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

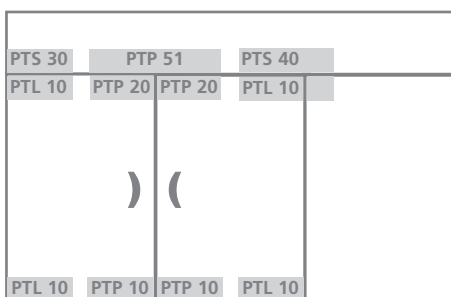
Notes :

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

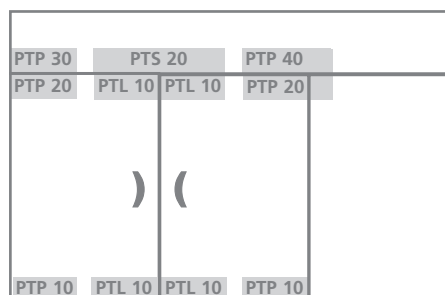
Notes :

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

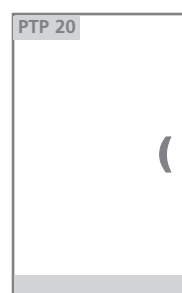
Notes :

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

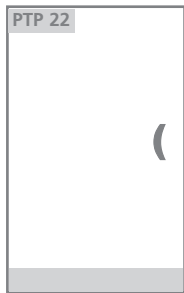
Notes :

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

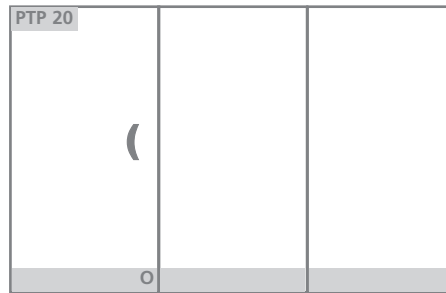
Notes :

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

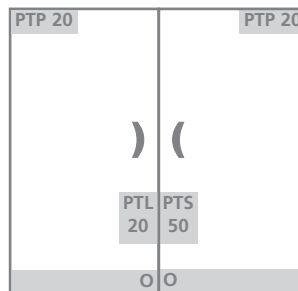
Notes :

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

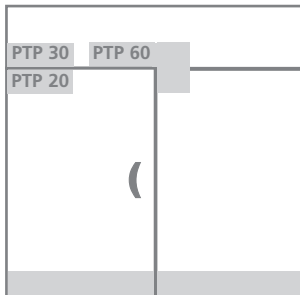
Notes :

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

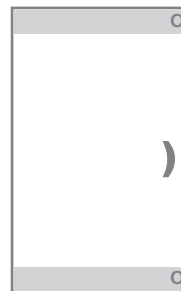
Notes :

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

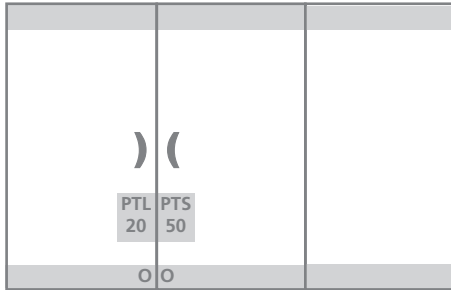
Notes :

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

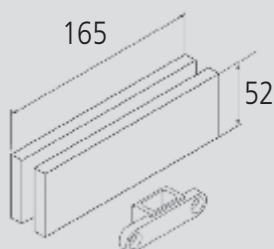
Notes :

All examples assume the use of the following :

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

# GEZE SGG Price List

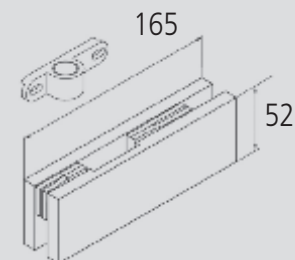
Pivoted patch fittings



**PTP 10 Bottom pivot patch LH or RH**

Complete with insert to suit GEZE range of floor springs or free swing bottom pivot PTP26 (52 or 62mm pivot point)

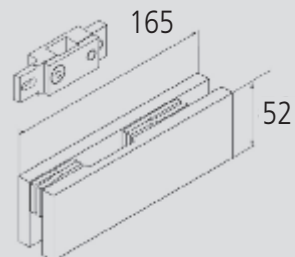
	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	91536	<b>£38.00</b>	92010	<b>£48.00</b>	92014	<b>£54.50</b>
SAA	91537	<b>£41.00</b>	92011	<b>£50.50</b>	92055	<b>£57.50</b>
Satin Stainless Steel	91538	<b>£56.00</b>	92012	<b>£67.50</b>	92056	<b>£74.00</b>
Polished Stainless Steel	91539	<b>£64.00</b>	92013	<b>£75.00</b>	92057	<b>£82.00</b>



**PTP 20 Top pivot patch LH or RH**

Complete with insert to suit top pivots with 15mm Ø pins (52 or 62mm pivot point)

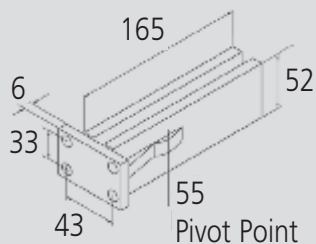
	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	91542	<b>£37.50</b>	91923	<b>£48.00</b>	92077	<b>£54.00</b>
SAA	91543	<b>£40.50</b>	91924	<b>£50.00</b>	92078	<b>£57.00</b>
Satin Stainless Steel	91544	<b>£55.50</b>	92075	<b>£67.00</b>	92079	<b>£73.00</b>
Polished Stainless Steel	91545	<b>£63.50</b>	92076	<b>£74.50</b>	92080	<b>£78.00</b>



**PTP 22 Top pivot patch LH or RH**

Complete with RTS insert to suit GEZE transom closer

	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	91552	<b>£70.00</b>	92081	<b>£72.50</b>	92086	<b>£80.00</b>
SAA	91553	<b>£72.50</b>	92082	<b>£74.50</b>	92087	<b>£82.00</b>
Satin Stainless Steel	91554	<b>£88.00</b>	92083	<b>£93.50</b>	92088	<b>£100.00</b>
Polished Stainless Steel	91575	<b>£96.00</b>	92085	<b>£104.00</b>	92089	<b>£108.00</b>

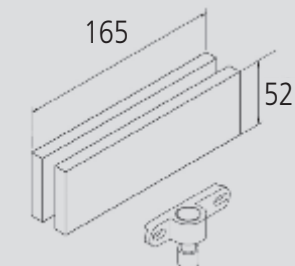
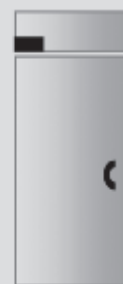


**PTP 29 Top pivot patch LH or RH\***

Complete with frame fixing plate (55mm pivot point)

	10mm ONLY	10mm	Price £
Mill	91734		<b>£95.00</b>
SAA	91755		<b>£98.00</b>
Satin Stainless Steel	91756		<b>£155.00</b>
Polished Stainless Steel	91757		<b>£153.50</b>

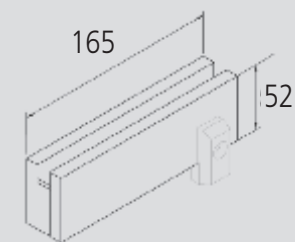
\*maximum 35kg leaf weight when used as a pair



**PTP 30 Overpanel pivot patch LH or RH**

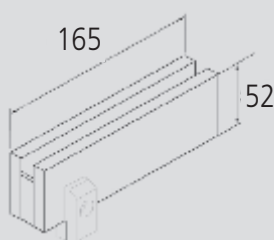
Complete with 15mm Ø pin to suit PTP 20 or PTR 20

	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	91623	<b>£42.00</b>	92098	<b>£49.00</b>	92102	<b>£56.00</b>
SAA	91624	<b>£44.50</b>	92099	<b>£51.00</b>	92103	<b>£58.00</b>
Satin Stainless Steel	91625	<b>£60.00</b>	92100	<b>£68.00</b>	92104	<b>£74.00</b>
Polished Stainless Steel	91626	<b>£68.00</b>	92101	<b>£75.00</b>	92105	<b>£81.00</b>



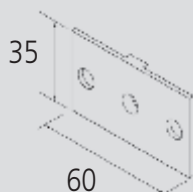
**PTP 30.2 Transom patch with stop**

	LH	Price £	LH	Price £	LH	Price £
	8,10,12mm		15mm		19mm	
Mill	91628	<b>£46.50</b>	92106	<b>£52.00</b>	116507	<b>£56.00</b>
SAA	91629	<b>£48.50</b>	92107	<b>£54.00</b>	116508	<b>£58.50</b>
Satin Stainless Steel	91630	<b>£64.00</b>	92108	<b>£71.00</b>	116509	<b>£73.50</b>
Polished Stainless Steel	91631	<b>£72.00</b>	92109	<b>£78.00</b>	116510	<b>£80.50</b>



**PTP 30.2 Transom patch with stop**

	RH 8,10,12mm		RH 15mm		RH 19mm	
	Ident	Price £	Ident	Price £	Ident	Price £
Mill	116483	<b>£46.50</b>	116491	<b>£52.00</b>	116511	<b>£56.00</b>
SAA	116484	<b>£48.50</b>	116492	<b>£54.00</b>	116512	<b>£58.50</b>
Satin Stainless Steel	116485	<b>£64.00</b>	116493	<b>£71.00</b>	116514	<b>£73.50</b>
Polished Stainless Steel	116486	<b>£72.00</b>	116494	<b>£78.00</b>	116515	<b>£80.50</b>



**PTP 30.4 Wall fixing plate**

To suit PTP 30

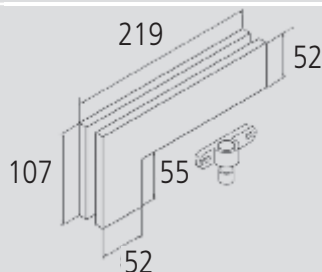
	Ident	Price £
Mill	91681	<b>£6.50</b>
SAA	91682	<b>£7.00</b>
Satin Stainless Steel	91683	<b>£21.00</b>
Polished Stainless Steel	91684	<b>£25.00</b>



**PTP 30.5 Threaded rod with wall plug**

To suit PTP 30.4 wall fixing plate

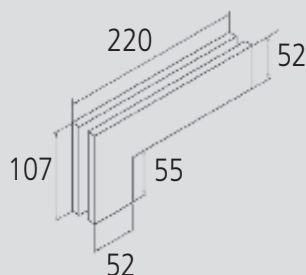
	Ident	Price £
Zinc plated	91695	<b>£5.50</b>



**PTP 40 Overpanel/side panel patch**

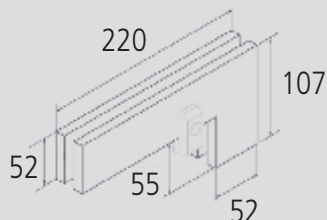
Complete with 15mmØ pin to suit PTP 20

	8,10,12mm		15mm		19mm	
	Ident	Price £	Ident	Price £	Ident	Price £
Mill	91653	<b>£51.50</b>	92122	<b>£60.00</b>	92126	<b>£68.50</b>
SAA	91654	<b>£53.50</b>	92123	<b>£62.00</b>	92127	<b>£71.50</b>
Satin Stainless Steel	91665	<b>£77.00</b>	92124	<b>£88.00</b>	92128	<b>£98.00</b>
Polished Stainless Steel	91666	<b>£85.00</b>	92125	<b>£102.50</b>	92129	<b>£107.00</b>



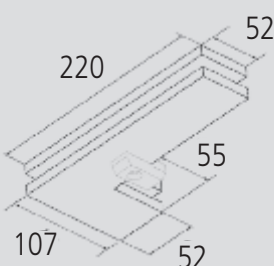
**PTP 40.1 Transom/sidewing connector without pin**

	8,10,12mm		15mm		19mm	
	Ident	Price £	Ident	Price £	Ident	Price £
Mill	91672	<b>£49.00</b>	92130	<b>£58.00</b>	116516	<b>£63.50</b>
SAA	91673	<b>£51.00</b>	92131	<b>£59.50</b>	116517	<b>£66.00</b>
Satin Stainless Steel	91674	<b>£75.00</b>	92132	<b>£86.00</b>	116519	<b>£95.00</b>
Polished Stainless Steel	91675	<b>£83.00</b>	92133	<b>£99.50</b>	116520	<b>£105.00</b>



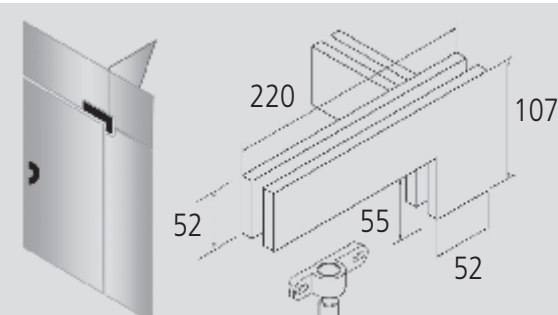
**PTP 40.2 Transom/sidewing connector without pin LH with stop**

	8,10,12mm		15mm		19mm	
	Ident	Price £	Ident	Price £	Ident	Price £
Mill	91676	<b>£53.00</b>	92138	<b>£62.50</b>	92142	<b>£69.00</b>
SAA	91677	<b>£58.50</b>	92139	<b>£65.00</b>	92143	<b>£72.50</b>
Satin Stainless Steel	91679	<b>£85.00</b>	92140	<b>£91.00</b>	92144	<b>£99.50</b>
Polished Stainless Steel	91678	<b>£95.00</b>	92141	<b>£101.50</b>	92145	<b>£108.50</b>



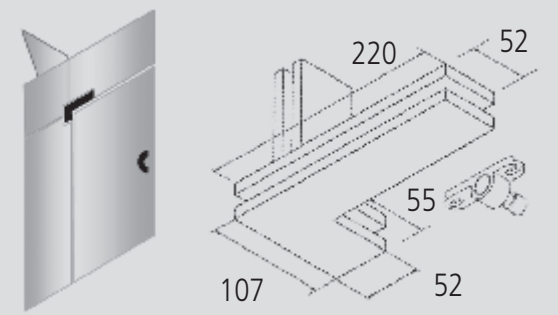
**PTP 40.2 Transom/sidewing connector without pin RH with stop**

	8,10,12mm		15mm		19mm	
	Ident	Price £	Ident	Price £	Ident	Price £
Mill	116487	<b>£53.00</b>	116495	<b>£62.50</b>	116522	<b>£69.00</b>
SAA	116488	<b>£58.50</b>	116496	<b>£65.00</b>	116523	<b>£72.50</b>
Satin Stainless Steel	116489	<b>£85.00</b>	116497	<b>£91.00</b>	116524	<b>£99.50</b>
Polished Stainless Steel	116490	<b>£95.00</b>	116498	<b>£101.50</b>	116525	<b>£108.50</b>



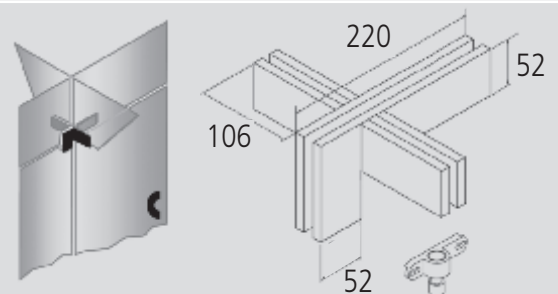
**PTP 41 Transom/side panel pivot patch with fin to one side**  
Complete with 15mmØ pin to suit

	LH		LH		LH	
	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	91758	<b>£153.50</b>	92146	<b>£162.00</b>	127233	<b>£170.00</b>
SAA	91759	<b>£158.00</b>	92147	<b>£164.50</b>	127234	<b>£175.00</b>
Satin Stainless Steel	91760	<b>£200.00</b>	92148	<b>£206.00</b>	127235	<b>£215.00</b>
Polished Stainless Steel	91761	<b>£220.00</b>	92149	<b>£225.00</b>	127236	<b>£230.00</b>



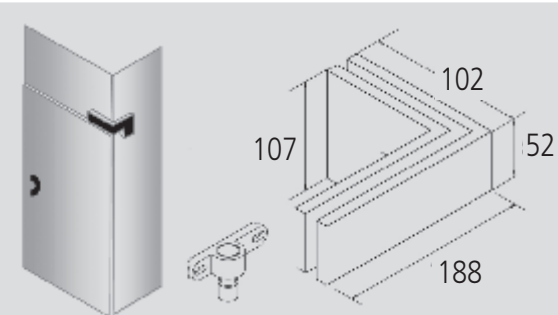
**PTP 41 Transom/side panel pivot patch with fin to one side**  
Complete with 15mmØ pin to suit

	RH		RH		RH	
	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	91762	<b>£153.50</b>	92150	<b>£162.00</b>	127237	<b>£170.00</b>
SAA	91763	<b>£158.00</b>	92151	<b>£164.50</b>	127238	<b>£175.00</b>
Satin Stainless Steel	91764	<b>£200.00</b>	92152	<b>£206.00</b>	127239	<b>£215.00</b>
Polished Stainless Steel	91765	<b>£220.00</b>	92153	<b>£225.00</b>	127240	<b>£230.00</b>



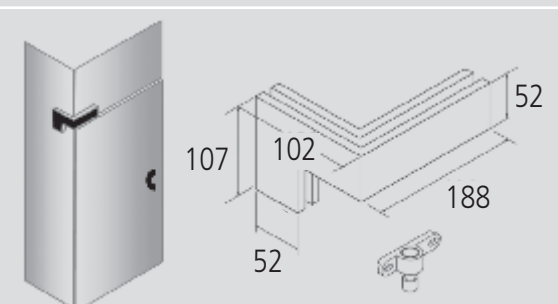
**PTP 41.1 Overpanel/side panel patch with double fin attachment**  
Complete with 15mm Ø pin to suit PTP 20

	8,10,12mm		15mm	
	Price £	Price £	Price £	Price £
Mill	91766	<b>£247.00</b>	92154	<b>£258.00</b>
SAA	91767	<b>£252.00</b>	92155	<b>£265.00</b>
Satin Stainless Steel	91768	<b>£315.00</b>	92156	<b>£320.00</b>
Polished Stainless Steel	91769	<b>£340.00</b>	92157	<b>£350.00</b>



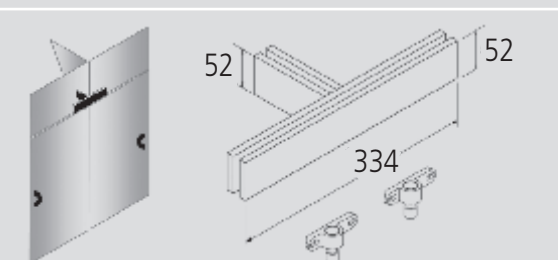
**PTP 42 90° Transom/sidepanel pivot patch**  
Complete with 15mm Ø pin to suit PTP 20 (Illustrated)

	LH		LH	
	8,10,12mm	Price £	15mm	Price £
Mill	91770	<b>£310.00</b>	92158	<b>£315.00</b>
SAA	91771	<b>£315.00</b>	92159	<b>£325.00</b>
Satin Stainless Steel	91772	<b>£365.00</b>	92160	<b>£375.00</b>
Polished Stainless Steel	91779	<b>£410.00</b>	92161	<b>£420.00</b>



**PTP 42 90° Transom/side panel pivot patch (Illustrated)**  
Complete with 15mm Ø pin to suit PTP 20

	RH		RH	
	8,10,12mm	Price £	15mm	Price £
Mill	91774	<b>£310.00</b>	92162	<b>£315.00</b>
SAA	91775	<b>£315.00</b>	92163	<b>£325.00</b>
Satin Stainless Steel	91776	<b>£365.00</b>	92164	<b>£375.00</b>
Polished Stainless Steel	91777	<b>£410.00</b>	92165	<b>£420.00</b>



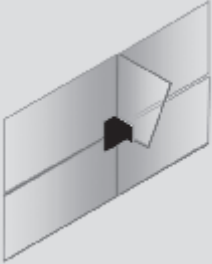
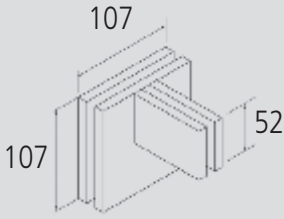
**PTP 51 Double overpanel patch with fin fitting to suit back to back doors**  
Complete with 2 x 15mmØ pins to suit PTP 20

	8,10,12mm		15mm	
	Price £	Price £	Price £	Price £
Mill	91794	<b>£247.00</b>	92182	<b>£256.00</b>
SAA	91795	<b>£255.00</b>	92183	<b>£261.00</b>
Satin Stainless Steel	91796	<b>£302.00</b>	92184	<b>£310.00</b>
Polished Stainless Steel	91797	<b>£340.00</b>	92185	<b>£350.00</b>



**Fixed patch fittings**

		<p><b>PTP 60 Overpanel/side panel connection patch</b></p>	<table border="1"> <thead> <tr> <th></th> <th>8,10,12,15mm</th> <th>Price £</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91798</td> <td><b>£42.00</b></td> </tr> <tr> <td>SAA</td> <td>91799</td> <td><b>£50.00</b></td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91800</td> <td><b>£76.00</b></td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91801</td> <td><b>£85.00</b></td> </tr> </tbody> </table>		8,10,12,15mm	Price £	Mill	91798	<b>£42.00</b>	SAA	91799	<b>£50.00</b>	Satin Stainless Steel	91800	<b>£76.00</b>	Polished Stainless Steel	91801	<b>£85.00</b>					
	8,10,12,15mm	Price £																					
Mill	91798	<b>£42.00</b>																					
SAA	91799	<b>£50.00</b>																					
Satin Stainless Steel	91800	<b>£76.00</b>																					
Polished Stainless Steel	91801	<b>£85.00</b>																					
		<p><b>PTP 61 Overpanel/side panel connection patch with stop. Specify handing.</b></p>	<table border="1"> <thead> <tr> <th></th> <th>LH 8,10,12,15mm</th> <th>RH 8,10,12,15mm</th> <th>Price £</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91802</td> <td>92190</td> <td><b>£45.00</b></td> </tr> <tr> <td>SAA</td> <td>91803</td> <td>92191</td> <td><b>£53.00</b></td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91804</td> <td>92192</td> <td><b>£79.00</b></td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91805</td> <td>92193</td> <td><b>£88.00</b></td> </tr> </tbody> </table>		LH 8,10,12,15mm	RH 8,10,12,15mm	Price £	Mill	91802	92190	<b>£45.00</b>	SAA	91803	92191	<b>£53.00</b>	Satin Stainless Steel	91804	92192	<b>£79.00</b>	Polished Stainless Steel	91805	92193	<b>£88.00</b>
	LH 8,10,12,15mm	RH 8,10,12,15mm	Price £																				
Mill	91802	92190	<b>£45.00</b>																				
SAA	91803	92191	<b>£53.00</b>																				
Satin Stainless Steel	91804	92192	<b>£79.00</b>																				
Polished Stainless Steel	91805	92193	<b>£88.00</b>																				
		<p><b>PTP 70 Overpanel connection patch</b> (8mm - 15mm glass)</p>	<table border="1"> <thead> <tr> <th></th> <th>Ident</th> <th>Price £</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91806</td> <td><b>£39.00</b></td> </tr> <tr> <td>SAA</td> <td>91807</td> <td><b>£41.00</b></td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91808</td> <td><b>£54.00</b></td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91809</td> <td><b>£60.00</b></td> </tr> </tbody> </table>		Ident	Price £	Mill	91806	<b>£39.00</b>	SAA	91807	<b>£41.00</b>	Satin Stainless Steel	91808	<b>£54.00</b>	Polished Stainless Steel	91809	<b>£60.00</b>					
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Mill	91806	<b>£39.00</b>																					
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Satin Stainless Steel	91808	<b>£54.00</b>																					
Polished Stainless Steel	91809	<b>£60.00</b>																					
		<p><b>PTP 71 Overpanel connection patch with fin attachment</b> (8mm - 15mm glass)</p>	<table border="1"> <thead> <tr> <th></th> <th>Ident</th> <th>Price £</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91814</td> <td><b>£165.00</b></td> </tr> <tr> <td>SAA</td> <td>91815</td> <td><b>£170.00</b></td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91816</td> <td><b>£198.00</b></td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91817</td> <td><b>£218.00</b></td> </tr> </tbody> </table>		Ident	Price £	Mill	91814	<b>£165.00</b>	SAA	91815	<b>£170.00</b>	Satin Stainless Steel	91816	<b>£198.00</b>	Polished Stainless Steel	91817	<b>£218.00</b>					
	Ident	Price £																					
Mill	91814	<b>£165.00</b>																					
SAA	91815	<b>£170.00</b>																					
Satin Stainless Steel	91816	<b>£198.00</b>																					
Polished Stainless Steel	91817	<b>£218.00</b>																					
		<p><b>PTP 72 Overpanel connection patch with double stops</b> (8mm - 15mm glass)</p>	<table border="1"> <thead> <tr> <th></th> <th>Ident</th> <th>Price £</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91810</td> <td><b>£45.00</b></td> </tr> <tr> <td>SAA</td> <td>91811</td> <td><b>£47.00</b></td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91812</td> <td><b>£56.00</b></td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91813</td> <td><b>£66.00</b></td> </tr> </tbody> </table>		Ident	Price £	Mill	91810	<b>£45.00</b>	SAA	91811	<b>£47.00</b>	Satin Stainless Steel	91812	<b>£56.00</b>	Polished Stainless Steel	91813	<b>£66.00</b>					
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Mill	91810	<b>£45.00</b>																					
SAA	91811	<b>£47.00</b>																					
Satin Stainless Steel	91812	<b>£56.00</b>																					
Polished Stainless Steel	91813	<b>£66.00</b>																					
		<p><b>PTP 80 Glass to glass connection patch</b> (8mm - 15mm glass)</p>	<table border="1"> <thead> <tr> <th></th> <th>Ident</th> <th>Price £</th> </tr> </thead> <tbody> <tr> <td>Mill</td> <td>91860</td> <td><b>£37.50</b></td> </tr> <tr> <td>SAA</td> <td>91861</td> <td><b>£39.50</b></td> </tr> <tr> <td>Satin Stainless Steel</td> <td>91862</td> <td><b>£59.50</b></td> </tr> <tr> <td>Polished Stainless Steel</td> <td>91863</td> <td><b>£65.00</b></td> </tr> </tbody> </table>		Ident	Price £	Mill	91860	<b>£37.50</b>	SAA	91861	<b>£39.50</b>	Satin Stainless Steel	91862	<b>£59.50</b>	Polished Stainless Steel	91863	<b>£65.00</b>					
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Mill	91860	<b>£37.50</b>																					
SAA	91861	<b>£39.50</b>																					
Satin Stainless Steel	91862	<b>£59.50</b>																					
Polished Stainless Steel	91863	<b>£65.00</b>																					

**PTP 81 Connection patch with fin attachment**  
(8mm - 15mm glass)

	Ident	Price £
Mill	91930	<b>£175.00</b>
SAA	91932	<b>£180.00</b>
Satin Stainless Steel	91933	<b>£215.00</b>
Polished Stainless Steel	91934	<b>£240.00</b>



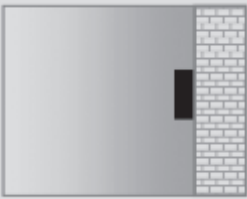
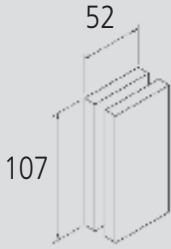

**PTP 82 Glass to glass connection patch**  
90° angle (8mm - 15mm glass)

	Ident	Price £
Mill	91864	<b>£185.00</b>
SAA	91906	<b>£188.00</b>
Satin Stainless Steel	91907	<b>£220.00</b>
Polished Stainless Steel	91908	<b>£240.00</b>




**PTP 83 Glass to glass connection patch**  
(8mm - 15mm glass)

	Ident	Price £
Mill	92611	<b>£172.00</b>
SAA	92612	<b>£175.00</b>
Satin Stainless Steel	92613	<b>£212.00</b>
Polished Stainless Steel	92614	<b>£232.00</b>

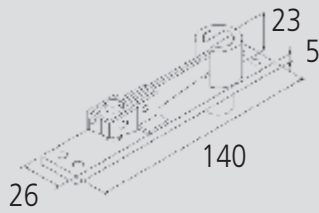



**PTP 84 Glass to wall connection patch**  
(8mm - 15mm glass)

	Ident	Price £
Mill	91842	<b>£24.50</b>
SAA	91843	<b>£27.50</b>
Satin Stainless Steel	91844	<b>£54.50</b>
Polished Stainless Steel	126121	<b>£60.00</b>

**Not structural load bearing  
this applies to all products**

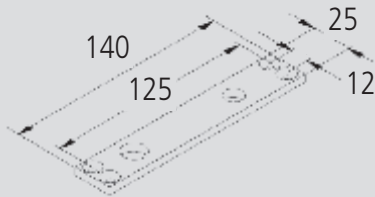
**Top centres and pivots**



**PTP 21 Retractable top centre**

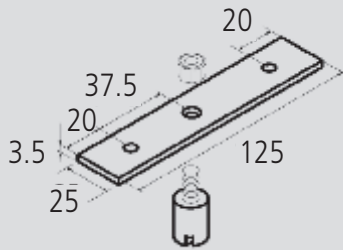
With 15mm Ø pin to suit PTP 20 (fixings not supplied)

	Ident	Price £
Zinc plated finish	06662	<b>£15.00</b>



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

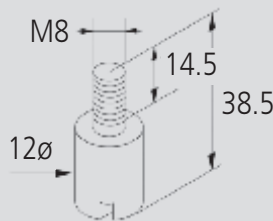
	Ident	Price £
Satin Stainless Steel	119199	<b>£3.00</b>



**PTP/PFP 24 Top pivot plate**

With 15mm Ø pin (fixings not supplied)

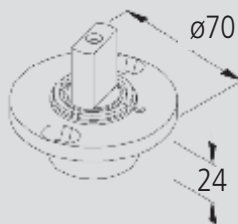
	Ident	Price £
Satin Stainless Steel	87573	<b>£19.00</b>



**PTP/PFP 25 Top pivot pin**

M8 thread x 15mm Ø

	Ident	Price £
Stainless Steel	18384	<b>£7.50</b>



**PTP 26 Free swing floor pivot**

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

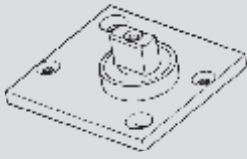
	Ident	Price £
Plated Steel	91859	<b>£40.00</b>



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

Satin Stainless Steel  
Door weight max 150kg  
Rectangular 90 x 44mm

	Ident	Price £
	109621	<b>£22.00</b>

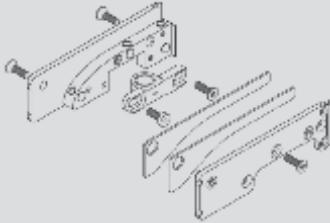


**TS 137 B Floor pivot with flat tapered spindle**

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

Ident	Price £
09788	<b>£26.00</b>

**Patch fittings components**

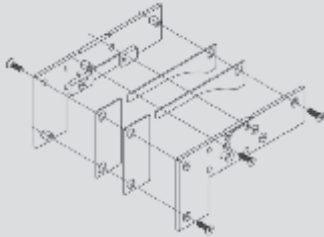


**PTP 10/20/22 base patch fitting**

Ident	Price £
91540	<b>£25.00</b>

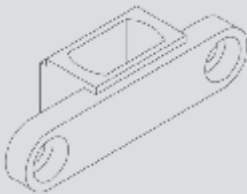
**PTP 30 base patch fitting**

100557	<b>£30.00</b>
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**PTP 40 base patch fitting**

Ident	Price £
91667	<b>£36.00</b>



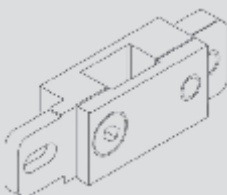
**PTP 10 Insert**

Ident	Price £
91550	<b>£11.00</b>



**PTP 20 Insert**

Ident	Price £
91551	<b>£10.50</b>



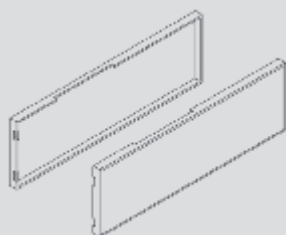
**PTP 22 RTS Insert**

Ident	Price £
96754	<b>£38.00</b>



**PTP 5 Universal stop insert**

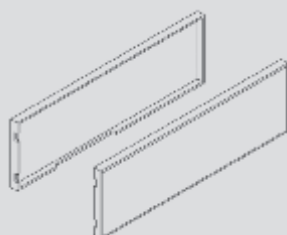
Ident	Price £
91632	<b>£5.00</b>



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

- Mill
- SAA
- Satin Stainless Steel
- Polished Stainless Steel

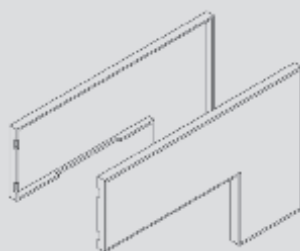
Ident	Price £
91546	<b>£7.50</b>
91547	<b>£9.50</b>
91548	<b>£28.00</b>
91549	<b>£37.00</b>



**PTP 30 Cover plates**

- Mill
- SAA
- Satin Stainless Steel
- Polished Stainless Steel

Ident	Price £
93173	<b>£7.50</b>
93174	<b>£9.50</b>
93175	<b>£28.00</b>
93176	<b>£37.00</b>

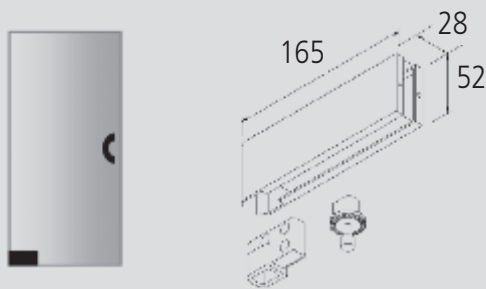


**PTP 40 Cover plates**

- Mill
- SAA
- Satin Stainless Steel
- Polished Stainless Steel

Ident	Price £
91668	<b>£16.00</b>
91669	<b>£25.00</b>
91670	<b>£47.00</b>
91671	<b>£52.00</b>

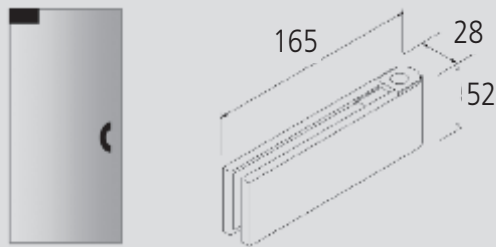
**Pinch free patch fittings**



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

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

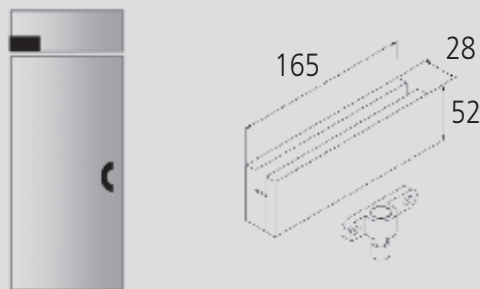
	8,10,12mm	Price £
Mill	91969	<b>£46.00</b>
SAA	91970	<b>£48.50</b>
Satin Stainless Steel	91971	<b>£61.00</b>
Polished Stainless Steel	91972	<b>£66.50</b>



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

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

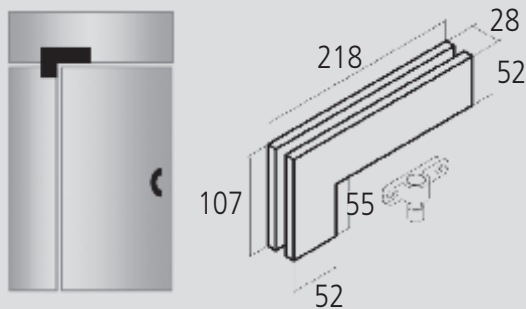
	8,10,12mm	Price £
Mill	91973	<b>£45.00</b>
SAA	91974	<b>£46.50</b>
Satin Stainless Steel	91975	<b>£58.00</b>
Polished Stainless Steel	91976	<b>£63.00</b>



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

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

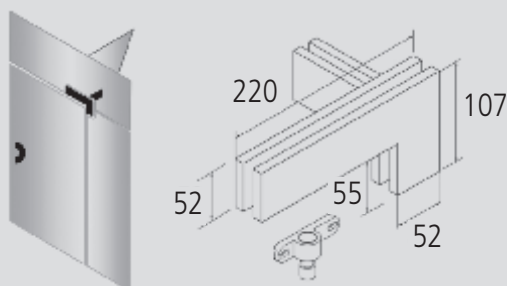
	8,10,12mm	Price £
Mill	91990	<b>£42.50</b>
SAA	91991	<b>£44.00</b>
Satin Stainless Steel	91992	<b>£60.00</b>
Polished Stainless Steel	91993	<b>£68.00</b>



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

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

	8,10,12mm	Price £
Mill	91977	<b>£33.00</b>
SAA	91978	<b>£57.50</b>
Satin Stainless Steel	91979	<b>£85.00</b>
Polished Stainless Steel	91980	<b>£94.00</b>



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

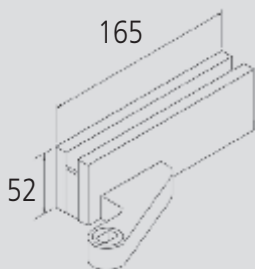
Complete with 12mm Ø pin to suit PFP 20 (18mm pivot point)

	8,10,12mm		Price £
	LH	RH	
Mill	91981	91986	<b>£156.00</b>
SAA	91982	91987	<b>£159.00</b>
Satin Stainless Steel	91983	91988	<b>£201.00</b>
Polished Stainless Steel	91984	91989	<b>£220.00</b>

**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.**

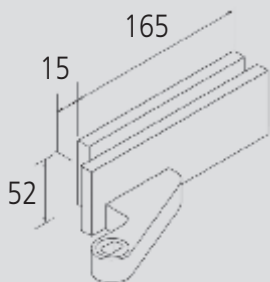
Single action patch fittings



**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

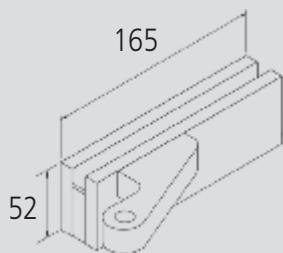
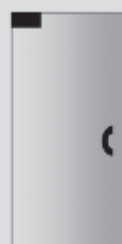
	LH	RH	Price £
Mill	92243	92287	<b>£61.50</b>
SAA	92244	92288	<b>£64.50</b>
Satin Stainless Steel	92285	92289	<b>£145.00</b>
Polished Stainless Steel	92286	92290	<b>£158.00</b>



**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)

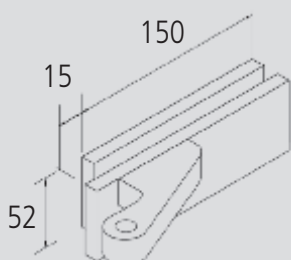
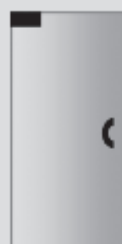
	LH	RH	Price £
Mill	92379	92383	<b>£63.00</b>
SAA	92380	92384	<b>£65.50</b>
Satin Stainless Steel	92381	92385	<b>£147.00</b>
Polished Stainless Steel	92382	92386	<b>£159.50</b>



**ATP 20 Single action top pivot patch**

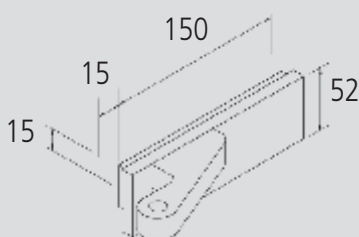
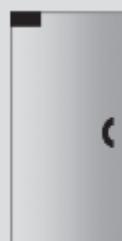
To suit 15mm Ø pins (for 8 - 15mm glass as standard) (LH illustrated)

	LH	RH	Price £
Mill	92291	92295	<b>£60.00</b>
SAA	92292	92296	<b>£63.00</b>
Satin Stainless Steel	92293	92297	<b>£142.00</b>
Polished Stainless Steel	92294	92298	<b>£156.00</b>



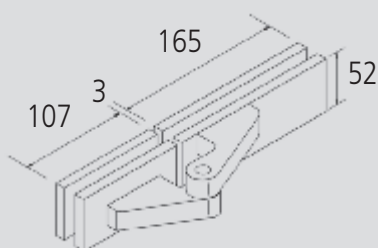
**ATP 20.1/S8-15mm Single action top pivot patch with 1 x 15mm free glass edge** to suit 15mm Ø (LH illustrated)

	LH	RH	Price £
Mill	92347	92351	<b>£64.50</b>
SAA	92348	92352	<b>£66.00</b>
Satin Stainless Steel	92349	92353	<b>£155.00</b>
Polished Stainless Steel	92350	92354	<b>£175.00</b>



**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	Price £
Mill	92395	92399	<b>£66.00</b>
SAA	92396	92400	<b>£68.00</b>
Satin Stainless Steel	92397	92401	<b>£157.00</b>
Polished Stainless Steel	92398	92402	<b>£177.00</b>

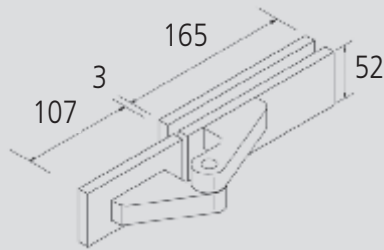


**ATP 28 Single action top pivot patch glass to glass**

10mm glass (LH illustrated)

	LH	RH	Price £
Mill	92315	92319	<b>£132.00</b>
SAA	92316	92320	<b>£135.00</b>
Satin Stainless Steel	92317	92321	<b>£245.00</b>
Polished Stainless Steel	92318	92322	<b>£258.00</b>

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

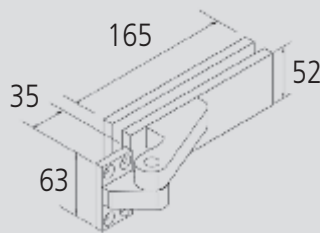


**ATP 29 Single action top pivot patch glass to wall**

8-15mm glass (LH illustrated)

	LH	RH	Price £
Mill	92323	92327	<b>£131.00</b>
SAA	92324	92328	<b>£132.00</b>
Satin Stainless Steel	92325	92329	<b>£243.00</b>
Polished Stainless Steel	92326	92330	<b>£255.00</b>

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

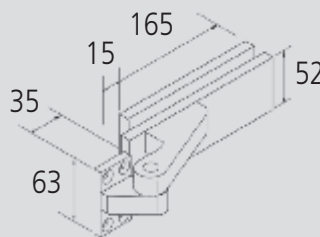


**ATP 29.1 Single action top pivot patch glass to frame**

8-15mm glass (LH illustrated)

	LH	RH	Price £
Mill	92331	92335	<b>£132.00</b>
SAA	92332	92336	<b>£135.00</b>
Satin Stainless Steel	92333	92337	<b>£245.00</b>
Polished Stainless Steel	92334	92338	<b>£270.00</b>

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

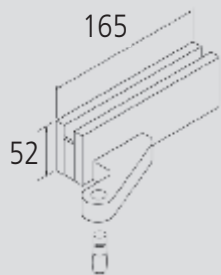


**ATP 29.2 Single action top pivot patch glass to frame**

With 1 x 15mm free glass edge 8-15mm glass (LH illustrated)

	LH	RH	Price £
Mill	92371	92375	<b>£135.00</b>
SAA	92372	92376	<b>£137.50</b>
Satin Stainless Steel	92373	92377	<b>£247.50</b>
Polished Stainless Steel	92374	92378	<b>£275.00</b>

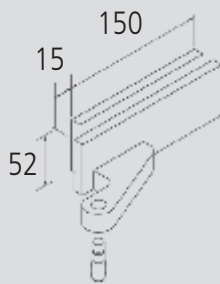
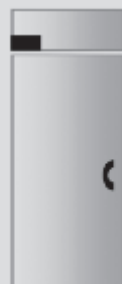
**Max 35kg when used as a pair**



**ATP 30 Single action overpanel pivot patch**

With 15mm Ø pin for 8-12mm glass & 15mm (LH illustrated)

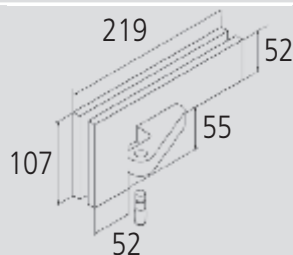
	LH	RH	Price £
Mill	92299	92303	<b>£66.00</b>
SAA	92300	92304	<b>£68.00</b>
Satin Stainless Steel	92301	92305	<b>£148.00</b>
Polished Stainless Steel	92302	92306	<b>£162.00</b>



**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	Price £
Mill	92227	92231	<b>£65.00</b>
SAA	92228	92232	<b>£68.00</b>
Satin Stainless Steel	92229	92233	<b>£145.00</b>
Polished Stainless Steel	92230	92234	<b>£162.00</b>

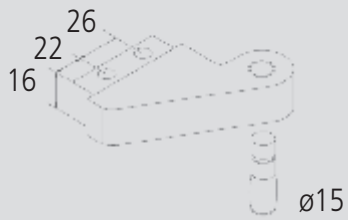


**ATP 40 Single action overpanel/side panel pivot patch**

With 15mm Ø pin 8, 10, 12 & 15mm glass (LH illustrated)

	LH	RH	Price £
Mill	92307	92311	<b>£78.00</b>
SAA	92308	92312	<b>£82.00</b>
Satin Stainless Steel	92309	92313	<b>£155.00</b>
Polished Stainless Steel	92310	92314	<b>£159.00</b>

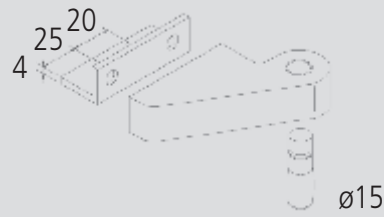




**ATP 24 Single action top pivot with fixing block**

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

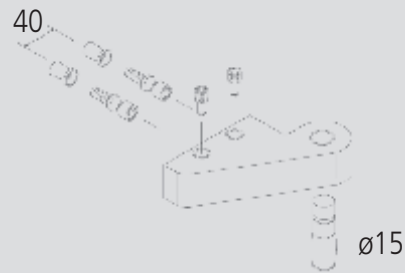
	8,12mm	Price £
Mill	92543	<b>£34.00</b>
SAA	92544	<b>£36.50</b>
Satin Stainless Steel	92545	<b>£95.00</b>
Polished Chrome Plate	92546	<b>£95.00</b>



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

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

	8,12mm	Price £
Mill	92547	<b>£34.00</b>
SAA	92548	<b>£36.50</b>
Simulated Stainless Steel	92549	<b>£95.00</b>
Polished Chrome Plated	92550	<b>£95.00</b>

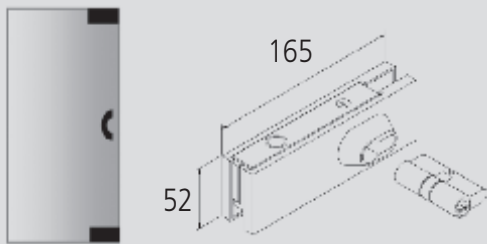


**ATP 24.2 Single action top pivot with special fixings**

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

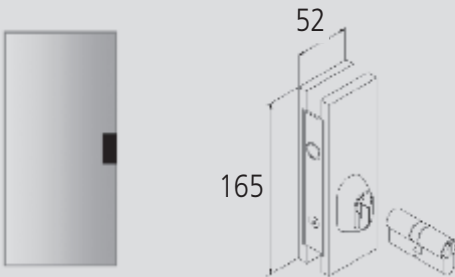
	8,12mm	Price £
Mill	92551	<b>£34.00</b>
SAA	92552	<b>£36.50</b>
Simulated Stainless Steel	92553	<b>£95.00</b>
Polished Chrome Plate	92554	<b>£95.00</b>

Locks and strikes



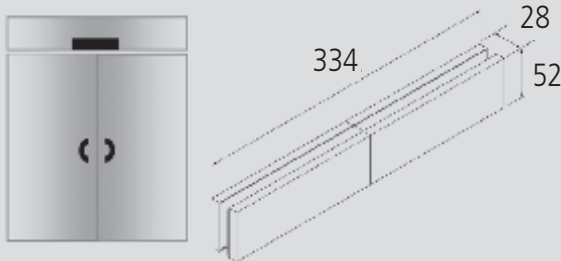
**PTL 10 R Corner patch lock complete with round bolt and escutcheons (Europrofile cylinder not included)**

	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	96241	<b>£65.00</b>	96245	<b>£74.50</b>	96253	<b>£80.00</b>
SAA	96242	<b>£70.00</b>	96246	<b>£78.00</b>	96254	<b>£85.00</b>
Satin Stainless Steel	96243	<b>£98.00</b>	96247	<b>£107.00</b>	96255	<b>£115.00</b>
Polished Stainless Steel	96244	<b>£105.00</b>	96248	<b>£117.00</b>	96256	<b>£125.00</b>



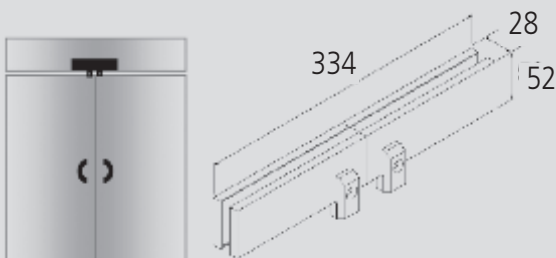
**PTL 20 R Centre patch lock complete with round bolt and escutcheons (Europrofile cylinder not included)**

	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill Finish	96341	<b>£71.00</b>	96355	<b>£78.00</b>	96363	<b>£85.00</b>
SAA Finish	96342	<b>£75.00</b>	96356	<b>£82.00</b>	96364	<b>£90.00</b>
Satin Stainless Steel	96343	<b>£102.00</b>	96357	<b>£115.00</b>	96365	<b>£120.00</b>
Polished Stainless Steel	96344	<b>£110.00</b>	96358	<b>£125.00</b>	96366	<b>£130.00</b>



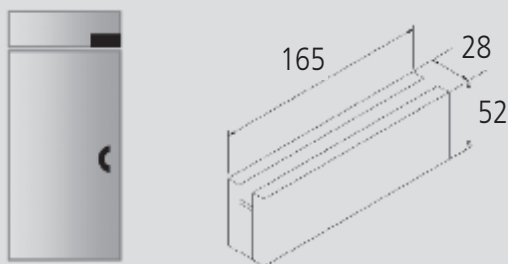
**PTS 20 Double strike patch to suit PTL 10 corner patch locks**

	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	96560	<b>£105.00</b>	96564	<b>£115.00</b>	96582	<b>£123.50</b>
SAA	96561	<b>£109.00</b>	96575	<b>£123.50</b>	96583	<b>£130.00</b>
Satin Stainless Steel	96562	<b>£170.00</b>	96576	<b>£188.00</b>	96584	<b>£195.00</b>
Polished Stainless Steel	96563	<b>£185.00</b>	96577	<b>£208.00</b>	96585	<b>£215.00</b>



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

	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	96586	<b>£155.00</b>	96590	<b>£175.00</b>	96598	<b>£185.00</b>
SAA	96587	<b>£175.00</b>	96591	<b>£185.00</b>	96599	<b>£195.00</b>
Satin Stainless Steel	96588	<b>£225.00</b>	96592	<b>£245.00</b>	96600	<b>£260.00</b>
Polished Stainless Steel	96589	<b>£245.00</b>	96593	<b>£265.00</b>	96601	<b>£275.00</b>

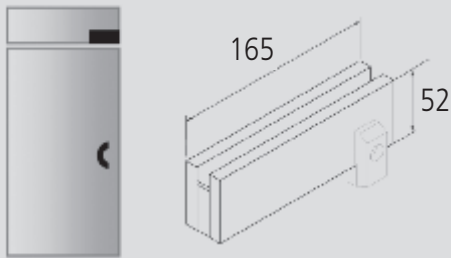


**PTS 30 Single strike patch LH or RH to suit PTL 10 corner patch lock**

	8,10,12mm	Price £	15mm	Price £	19mm	Price £
Mill	91576	<b>£68.50</b>	91580	<b>£81.00</b>	91598	<b>£88.00</b>
SAA	91577	<b>£75.00</b>	91581	<b>£87.50</b>	91599	<b>£94.50</b>
Satin Stainless Steel	91578	<b>£96.00</b>	91582	<b>£108.50</b>	91600	<b>£115.50</b>
Polished Stainless Steel	91579	<b>£103.00</b>	91583	<b>£115.50</b>	91601	<b>£122.50</b>

The bolt projection is always 20mm.

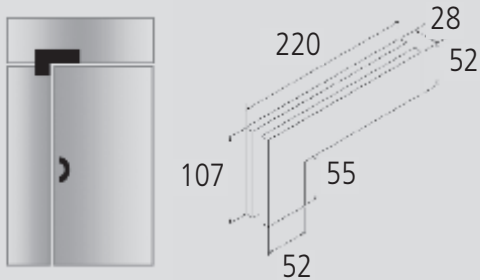
Profile cylinder 61mm length for 8-19mm thick glass.



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

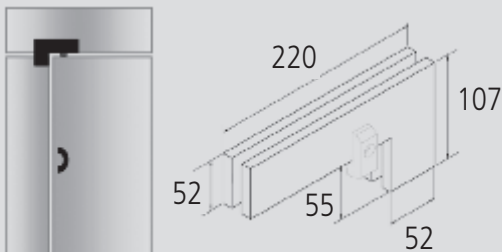
	8,10,12mm		15mm		19mm	
	LH	Price £	LH	Price £	LH	Price £
Mill	91602	£103.00	91616	£110.00	91639	£118.00
SAA	91603	£106.00	91617	£113.00	91640	£121.00
Satin Stainless Steel	91604	£132.00	91618	£139.00	91641	£147.00
Polished Stainless Steel	91615	£140.00	91619	£147.00	91642	£155.00

	8,10,12mm		15mm		19mm	
	RH	Price £	RH	Price £	RH	Price £
Mill	91643	£103.00	91647	£110.00	96553	£118.00
SAA	91644	£106.00	91648	£113.00	96554	£121.00
Satin Stainless Steel	91645	£132.00	91649	£139.00	96555	£147.00
Polished Stainless Steel	91646	£140.00	91650	£147.00	96556	£155.00



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

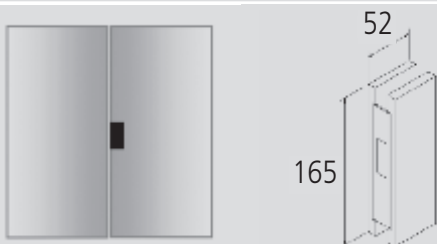
	8,10,12mm		15mm		19mm	
		Price £		Price £		Price £
Mill	96602	£82.50	96606	£89.00	96614	£93.00
SAA	96603	£87.00	96607	£93.50	96615	£95.50
Satin Stainless Steel	96604	£127.00	96608	£132.50	96616	£140.00
Polished Stainless Steel	96605	£138.00	96609	£145.00	96617	£147.00



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

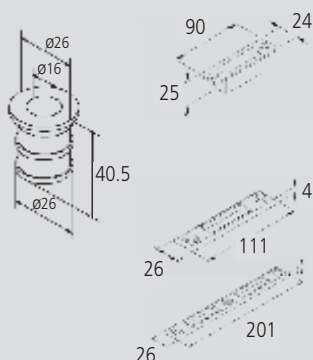
	8,10,12mm		15mm		19mm	
	LH	Price £	LH	Price £	LH	Price £
Mill	96618	£112.00	96622	£120.00	96630	£131.00
SAA	96619	£118.00	96623	£125.00	96631	£136.00
Satin Stainless Steel	96620	£155.00	96624	£165.00	96632	£178.00
Polished Stainless Steel	96621	£168.00	96625	£175.00	96633	£192.00

	8,10,12mm		15mm		19mm	
	RH	Price £	RH	Price £	RH	Price £
Mill	96634	£112.00	96638	£120.00	96646	£131.00
SAA	96635	£118.00	96639	£125.00	96647	£136.00
Satin Stainless Steel	96636	£155.00	96640	£165.00	96648	£178.00
Polished Stainless Steel	96637	£168.00	96641	£175.00	96649	£192.00



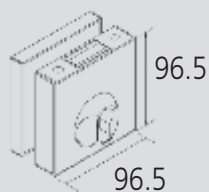
**PTS 50 Centre strike patch to suit PTL 20 centre patch lock (left or right handed)**

	8,10,12mm		15mm		19mm	
		Price £		Price £		Price £
Mill	96650	£71.00	96654	£78.00	96662	£85.00
SAA	96651	£75.00	96655	£82.00	96663	£90.00
Satin Stainless Steel	96652	£102.00	96656	£115.00	96664	£120.00
Polished Stainless Steel	96653	£110.00	96657	£125.00	96665	£130.00



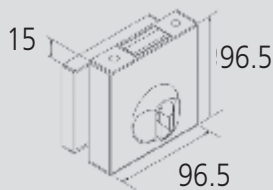
	Ident	Price £
<b>Easy clean boat keep</b> SCP finish	86737	£12.50
<b>Floor socket</b>	128779	£32.00
<b>Single strike plate</b> Satin Stainless Steel	22132	£9.00
<b>Double strike plate</b> Satin Stainless Steel	22133	£11.00

**Slide - on locks**



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

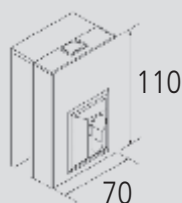
	Ident	Price £
SAA	116994	<b>£70.00</b>
Simulated Satin Stainless Steel	116995	<b>£100.00</b>
Velour Nickel Plated	116996	<b>£118.00</b>



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

	Ident	Price £
SAA	117961	<b>£70.00</b>
Satin Stainless Steel	117962	<b>£99.50</b>

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



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

	Ident	Price £
SAA	116997	<b>£72.00</b>
Simulated Satin Stainless Steel	116998	<b>£98.00</b>
Velour Nickel Plated	116999	<b>£107.00</b>

**No glass preparation required**

**Cylinders**



**Europrofile cylinders - keyed to differ**

	Ident	Price £
Nickel plated for patch locks 60mm	087622	<b>£17.00</b>
for rail locks 70mm	100805	<b>£20.00</b>



**Europrofile cylinders - keyed alike**

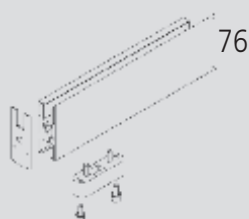
	Ident	Price £
Special configured item 60mm	115802	<b>£18.00</b>
70mm	115803	<b>£21.50</b>



**Special cylinders - keyed to differ**

	Ident	Price £
Thumbturn cylinder 70mm for rails	103566	<b>£28.00</b>
60mm for patches	131940	<b>£27.00</b>
35mm Half cylinder (patches only)	104153	<b>£20.00</b>

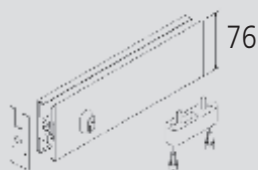
Door rails



**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	Price £	12mm	Price £
Mill	118333	£125.00	93185	£125.00
SAA	118334	£130.00	93186	£130.00
Satin Stainless Steel	118335	£200.00	93187	£200.00
Polished Stainless Steel	118336	£225.00	93188	£225.00



**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

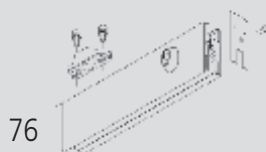
	10mm	Price £	12mm	Price £
Mill	118337	£245.00	118341	£245.00
SAA	118338	£250.00	118342	£250.00
Satin Stainless Steel	118339	£335.00	118343	£335.00
Polished Stainless Steel	118340	£360.00	118344	£360.00



**PTR 20/76 76mm Top rail (no lock) up to 1150mm**

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

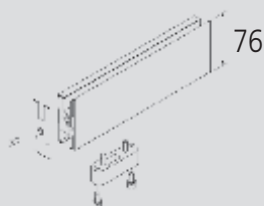
	10mm	Price £	12mm	Price £
Mill	118345	£130.00	93399	£130.00
SAA	118346	£135.00	93400	£135.00
Satin Stainless Steel	118347	£205.00	93401	£205.00
Polished Stainless Steel	118348	£230.00	93402	£230.00



**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

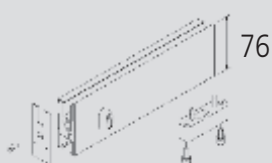
	10mm	Price £	12mm	Price £
Mill	118349	£250.00	118353	£250.00
SAA	118350	£255.00	118354	£255.00
Satin Stainless Steel	118351	£340.00	118355	£340.00
Polished Stainless Steel	118352	£365.00	118356	£365.00



**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	Price £	12mm	Price £
Mill	118357	£180.00	118361	£180.00
SAA	118358	£185.00	118362	£185.00
Satin Stainless Steel	118359	£285.00	118363	£285.00
Polished Stainless Steel	118360	£330.00	118364	£330.00



**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	Price £	12mm	Price £
Mill	118365	£280.00	118369	£280.00
SAA	118366	£285.00	118370	£285.00
Satin Stainless Steel	118367	£415.00	118371	£415.00
Polished Stainless Steel	118368	£465.00	118372	£465.00



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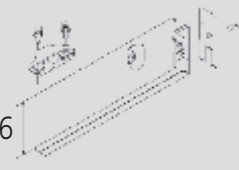
**PTR 20/76 76mm Top rail (no lock) from 1151-1400mm**

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

	10mm	Price £	12mm	Price £
Mill	118373	<b>£185.00</b>	118377	<b>£185.00</b>
SAA	118374	<b>£190.00</b>	118378	<b>£190.00</b>
Satin Stainless Steel	118375	<b>£290.00</b>	118379	<b>£290.00</b>
Polished Stainless Steel	118376	<b>£335.00</b>	118380	<b>£335.00</b>



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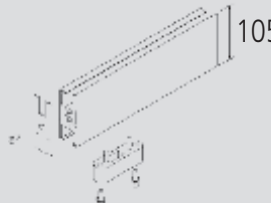
**PTR 21 R/76 76mm Top rail with lock (no cylinder) from 1151-1400mm**

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

	10mm	Price £	12mm	Price £
Mill	118381	<b>£285.00</b>	118385	<b>£285.00</b>
SAA	118382	<b>£290.00</b>	118386	<b>£290.00</b>
Satin Stainless Steel	118383	<b>£420.00</b>	118387	<b>£420.00</b>
Polished Stainless Steel	118384	<b>£470.00</b>	118899	<b>£470.00</b>



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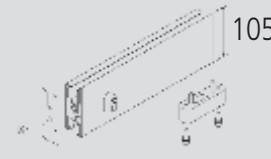
**PTR 10/105 105mm Bottom rail (no lock) up to 1150mm**

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

	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	118389	<b>£140.00</b>	92019	<b>£140.00</b>	92027	<b>£210.00</b>	92043	<b>£220.00</b>
SAA	118390	<b>£145.00</b>	92020	<b>£145.00</b>	92028	<b>£215.00</b>	92044	<b>£225.00</b>
Satin Stainless Steel	118391	<b>£220.00</b>	92021	<b>£220.00</b>	92029	<b>£300.00</b>	92045	<b>£310.00</b>
Polished Stainless Steel	118392	<b>£245.00</b>	92022	<b>£245.00</b>	92030	<b>£330.00</b>	92046	<b>£340.00</b>



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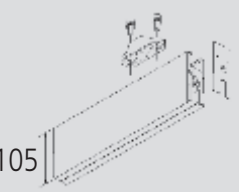
**PTR 11 R/105 105mm Bottom rail with lock (no cylinder) up to 1150mm**

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

	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	118393	<b>£265.00</b>	118398	<b>£265.00</b>	118402	<b>£365.00</b>	93712	<b>£375.00</b>
SAA	118394	<b>£270.00</b>	118399	<b>£270.00</b>	118403	<b>£370.00</b>	93713	<b>£380.00</b>
Satin Stainless Steel	118395	<b>£380.00</b>	118400	<b>£380.00</b>	118404	<b>£485.00</b>	93714	<b>£490.00</b>
Polished Stainless Steel	118396	<b>£410.00</b>	118401	<b>£410.00</b>	118405	<b>£520.00</b>	93715	<b>£530.00</b>



105



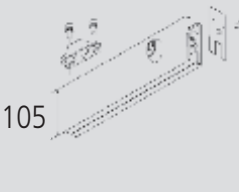
**PTR 20/105 105mm Top rail (no lock) up to 1150mm**

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

	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	118406	<b>£145.00</b>	92677	<b>£145.00</b>	92685	<b>£215.00</b>	92701	<b>£225.00</b>
SAA	118407	<b>£150.00</b>	92678	<b>£150.00</b>	92686	<b>£220.00</b>	92702	<b>£230.00</b>
Satin Stainless Steel	118408	<b>£220.00</b>	92679	<b>£220.00</b>	92687	<b>£305.00</b>	92703	<b>£315.00</b>
Polished Stainless Steel	118409	<b>£250.00</b>	92680	<b>£250.00</b>	92688	<b>£335.00</b>	92704	<b>£345.00</b>



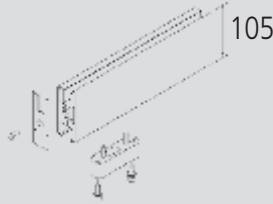
105



**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

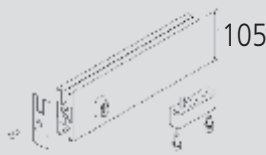
	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	118900	<b>£270.00</b>	118905	<b>£270.00</b>	118909	<b>£370.00</b>	93768	<b>£380.00</b>
SAA	118901	<b>£275.00</b>	118906	<b>£275.00</b>	118910	<b>£375.00</b>	93769	<b>£385.00</b>
Satin Stainless Steel	118902	<b>£380.00</b>	118907	<b>£380.00</b>	118911	<b>£490.00</b>	93770	<b>£495.00</b>
Polished Stainless Steel	118903	<b>£415.00</b>	118908	<b>£415.00</b>	118912	<b>£525.00</b>	93771	<b>£535.00</b>



**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

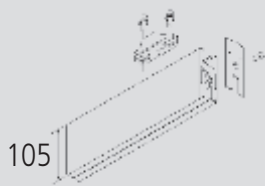
	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	118913	<b>£210.00</b>	118917	<b>£210.00</b>	118921	<b>£270.00</b>	92047	<b>£280.00</b>
SAA	118914	<b>£215.00</b>	118918	<b>£215.00</b>	118922	<b>£275.00</b>	92048	<b>£285.00</b>
Satin Stainless Steel	118915	<b>£310.00</b>	118919	<b>£310.00</b>	118923	<b>£370.00</b>	92049	<b>£380.00</b>
Polished Stainless Steel	118916	<b>£340.00</b>	118920	<b>£340.00</b>	118924	<b>£400.00</b>	92050	<b>£410.00</b>



**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

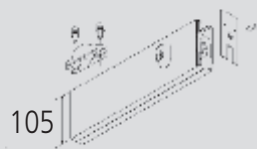
	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	118925	<b>£325.00</b>	118929	<b>£325.00</b>	118933	<b>£405.00</b>	93716	<b>£410.00</b>
SAA	118926	<b>£330.00</b>	118930	<b>£330.00</b>	118934	<b>£410.00</b>	93717	<b>£420.00</b>
Satin Stainless Steel	118927	<b>£410.00</b>	118931	<b>£410.00</b>	118935	<b>£540.00</b>	93718	<b>£550.00</b>
Polished Stainless Steel	118928	<b>£450.00</b>	118932	<b>£450.00</b>	118936	<b>£580.00</b>	93719	<b>£590.00</b>



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

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

	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	118937	<b>£215.00</b>	118941	<b>£215.00</b>	118945	<b>£275.00</b>	92705	<b>£285.00</b>
SAA	118938	<b>£220.00</b>	118942	<b>£220.00</b>	118946	<b>£280.00</b>	92706	<b>£290.00</b>
Satin Stainless Steel	118939	<b>£315.00</b>	118943	<b>£315.00</b>	118947	<b>£375.00</b>	92707	<b>£385.00</b>
Polished Stainless Steel	118940	<b>£345.00</b>	118944	<b>£345.00</b>	118948	<b>£405.00</b>	92708	<b>£415.00</b>

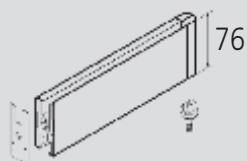


**PTR 21 R/105 105mm Top rail with lock (no cylinder) from 1151-1400mm**

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

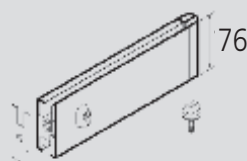
	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	118949	<b>£330.00</b>	118954	<b>£330.00</b>	118958	<b>£410.00</b>	93772	<b>£420.00</b>
SAA	118950	<b>£335.00</b>	118955	<b>£335.00</b>	118959	<b>£415.00</b>	93773	<b>£425.00</b>
Satin Stainless Steel	118951	<b>£415.00</b>	118956	<b>£415.00</b>	118960	<b>£545.00</b>	93774	<b>£555.00</b>
Polished Stainless Steel	118953	<b>£455.00</b>	118957	<b>£455.00</b>	118961	<b>£585.00</b>	93775	<b>£595.00</b>

**Pinch free rails**



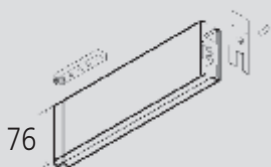
**PFR 10/76 Pinch free 76mm bottom rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	Price £	12mm	Price £
Mill	93297	<b>£180.00</b>	93315	<b>£180.00</b>
SAA	93298	<b>£185.00</b>	93316	<b>£185.00</b>
Satin Stainless Steel	93299	<b>£280.00</b>	93317	<b>£280.00</b>
Polished Stainless Steel	93300	<b>£300.00</b>	93318	<b>£300.00</b>



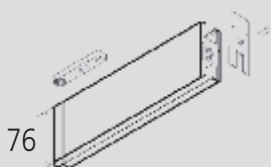
**PFR 11 R/76 Pinch free 76mm bottom rail with lock (no cylinder) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	Price £	12mm	Price £
Mill	93379	<b>£310.00</b>	93249	<b>£310.00</b>
SAA	93380	<b>£315.00</b>	93250	<b>£315.00</b>
Satin Stainless Steel	93381	<b>£445.00</b>	93251	<b>£445.00</b>
Polished Stainless Steel	93382	<b>£485.00</b>	93252	<b>£485.00</b>



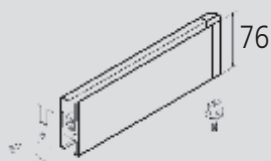
**PFR 20/76 Pinch free 76mm top rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

	10mm	Price £	12mm	Price £
Mill	93466	<b>£185.00</b>	93474	<b>£185.00</b>
SAA	93467	<b>£190.00</b>	93475	<b>£190.00</b>
Satin Stainless Steel	93468	<b>£285.00</b>	93476	<b>£285.00</b>
Polished Stainless Steel	93469	<b>£305.00</b>	93477	<b>£305.00</b>



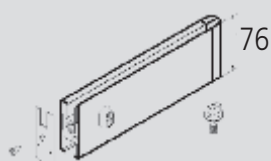
**PFR 21R/76 Pinch free 76mm top rail with lock (no cylinder) up to 1150mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

	10mm	Price £	12mm	Price £
Mill	93530	<b>£315.00</b>	93538	<b>£315.00</b>
SAA	93531	<b>£320.00</b>	93539	<b>£320.00</b>
Satin Stainless Steel	93532	<b>£450.00</b>	93540	<b>£450.00</b>
Polished Stainless Steel	93533	<b>£490.00</b>	93541	<b>£490.00</b>



**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)

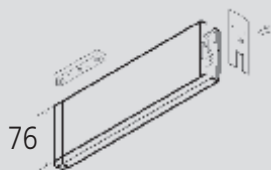
	10mm	Price £	12mm	Price £
Mill	93301	<b>£210.00</b>	93319	<b>£210.00</b>
SAA	93302	<b>£215.00</b>	93320	<b>£215.00</b>
Satin Stainless Steel	93303	<b>£325.00</b>	93321	<b>£325.00</b>
Polished Stainless Steel	93304	<b>£330.00</b>	93322	<b>£330.00</b>



**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)

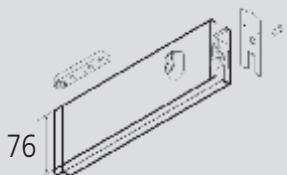
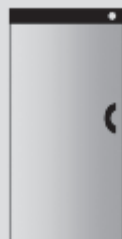
	10mm	Price £	12mm	Price £
Mill	93379	<b>£350.00</b>	93253	<b>£350.00</b>
SAA	93380	<b>£360.00</b>	93254	<b>£360.00</b>
Satin Stainless Steel	93381	<b>£510.00</b>	93255	<b>£510.00</b>
Polished Stainless Steel	93382	<b>£540.00</b>	93256	<b>£540.00</b>





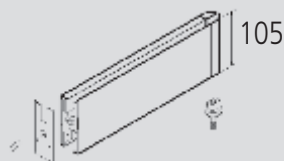
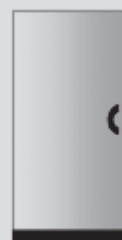
**PFR 10/76 Pinch free 76mm top rail (no lock) from 1150-1400mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	Price £	12mm	Price £
Mill	93470	<b>£205.00</b>	93478	<b>£205.00</b>
SAA	93471	<b>£210.00</b>	93479	<b>£210.00</b>
Satin Stainless Steel	93472	<b>£325.00</b>	93480	<b>£325.00</b>
Polished Stainless Steel	93473	<b>£335.00</b>	93481	<b>£335.00</b>



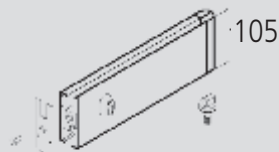
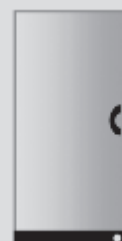
**PFR 21 R/76 Pinch free 76mm top rail with lock (no cylinder) from 1150-1400mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

	10mm	Price £	12mm	Price £
Mill	93534	<b>£360.00</b>	93542	<b>£360.00</b>
SAA	93535	<b>£365.00</b>	93543	<b>£365.00</b>
Satin Stainless Steel	93536	<b>£515.00</b>	93544	<b>£515.00</b>
Polished Stainless Steel	93537	<b>£545.00</b>	93545	<b>£545.00</b>



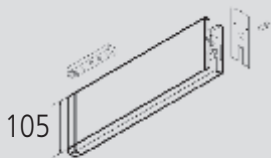
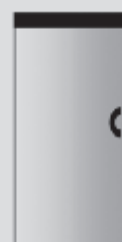
**PFR 10/105 Pinch free 105mm bottom rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	92000	<b>£190.00</b>	92411	<b>£190.00</b>	92420	<b>£265.00</b>	92440	<b>£275.00</b>
SAA	92282	<b>£205.00</b>	92412	<b>£205.00</b>	92421	<b>£270.00</b>	92441	<b>£280.00</b>
Satin Stainless Steel	92283	<b>£305.00</b>	123761	<b>£305.00</b>		<b>POA</b>		<b>POA</b>
Polished Stainless Steel	92284	<b>£320.00</b>	92414	<b>£320.00</b>	92423	<b>£380.00</b>	92443	<b>£390.00</b>



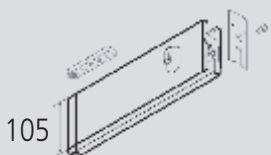
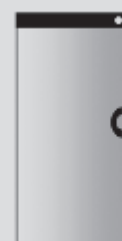
**PFR 11 R/105 Pinch free 105mm bottom rail with lock (no cylinder) up to 1150mm**  
Complete with end caps and pivot insert to suit GEZE floorsprings (18mm pivot point)

	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	93776	<b>£330.00</b>	93784	<b>£330.00</b>	93792	<b>£395.00</b>	93808	<b>£415.00</b>
SAA	93777	<b>£335.00</b>	93785	<b>£335.00</b>	93793	<b>£400.00</b>	93809	<b>£420.00</b>
Satin Stainless Steel	93778	<b>£480.00</b>	93786	<b>£480.00</b>		<b>POA</b>		<b>POA</b>
Polished Stainless Steel	93779	<b>£500.00</b>	93787	<b>£500.00</b>	93795	<b>£565.00</b>	93811	<b>£585.00</b>



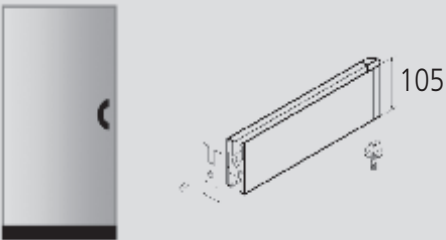
**PFR 20/105 Pinch free 105mm top rail (no lock) up to 1150mm**  
Complete with end caps and pivot insert to suit 15mm Ø pins (18mm pivot point)

	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	92006	<b>£205.00</b>	92755	<b>£205.00</b>	92763	<b>£270.00</b>	92789	<b>£280.00</b>
SAA	92748	<b>£210.00</b>	92756	<b>£210.00</b>	92764	<b>£275.00</b>	92790	<b>£285.00</b>
Satin Stainless Steel	92749	<b>£310.00</b>	92757	<b>£310.00</b>		<b>POA</b>		<b>POA</b>
Polished Stainless Steel	92750	<b>£325.00</b>	92758	<b>£325.00</b>	92766	<b>£385.00</b>	92792	<b>£395.00</b>



**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	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	93879	<b>£335.00</b>	93887	<b>£335.00</b>	93895	<b>£400.00</b>	93911	<b>£420.00</b>
SAA	93880	<b>£340.00</b>	93888	<b>£340.00</b>	93896	<b>£405.00</b>	93912	<b>£425.00</b>
Satin Stainless Steel	93881	<b>£485.00</b>	93889	<b>£485.00</b>		<b>POA</b>		<b>POA</b>
Polished Stainless Steel	93882	<b>£505.00</b>	93890	<b>£505.00</b>	93898	<b>£570.00</b>	93914	<b>£590.00</b>



**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	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	92405	<b>£225.00</b>	92416	<b>£225.00</b>	92427	<b>£295.00</b>	92444	<b>£300.00</b>
SAA	92407	<b>£230.00</b>	92417	<b>£230.00</b>	92428	<b>£300.00</b>	92445	<b>£310.00</b>
Satin Stainless Steel	92408	<b>£340.00</b>	92418	<b>£340.00</b>		<b>POA</b>		<b>POA</b>
Polished Stainless Steel	92409	<b>£370.00</b>	92419	<b>£370.00</b>	92430	<b>£440.00</b>	92447	<b>£450.00</b>



**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	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	93780	<b>£385.00</b>	93788	<b>£385.00</b>	93796	<b>£440.00</b>	93812	<b>£455.00</b>
SAA	93781	<b>£390.00</b>	93789	<b>£390.00</b>	93797	<b>£445.00</b>	93813	<b>£460.00</b>
Satin Stainless Steel	93782	<b>£560.00</b>	93790	<b>£560.00</b>		<b>POA</b>		<b>POA</b>
Polished Stainless Steel	93783	<b>£580.00</b>	92791	<b>£580.00</b>	93799	<b>£640.00</b>	93815	<b>£660.00</b>



**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)

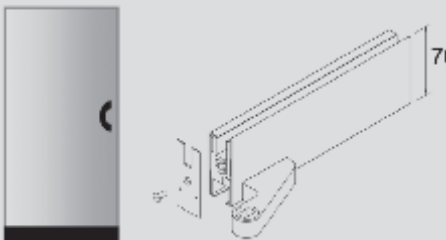
	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	92751	<b>£230.00</b>	92759	<b>£230.00</b>	92767	<b>£300.00</b>	92793	<b>£310.00</b>
SAA	92752	<b>£235.00</b>	92760	<b>£235.00</b>	92768	<b>£305.00</b>	92794	<b>£315.00</b>
Satin Stainless Steel	92753	<b>£345.00</b>	92761	<b>£345.00</b>		<b>POA</b>		<b>POA</b>
Polished Stainless Steel	92754	<b>£375.00</b>	92762	<b>£375.00</b>	92770	<b>£445.00</b>	92796	<b>£455.00</b>



**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)

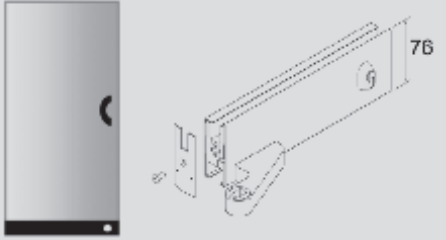
	10mm	Price £	12mm	Price £	15mm	Price £	19mm	Price £
Mill	93883	<b>£390.00</b>	93891	<b>£390.00</b>	93899	<b>£445.00</b>	93915	<b>£460.00</b>
SAA	93884	<b>£395.00</b>	93892	<b>£395.00</b>	93900	<b>£450.00</b>	93916	<b>£465.00</b>
Satin Stainless Steel	93885	<b>£565.00</b>	93893	<b>£565.00</b>		<b>POA</b>		<b>POA</b>
Polished Stainless Steel	93886	<b>£580.00</b>	93894	<b>£580.00</b>	93902	<b>£645.00</b>	93918	<b>£665.00</b>

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	Price £	12mm LH	Price £	10mm RH	Price £	12mm RH	Price £
Mill	95212	<b>£160.00</b>	95220	<b>£160.00</b>	95216	<b>£160.00</b>	95224	<b>£160.00</b>
SAA	95213	<b>£165.00</b>	95221	<b>£165.00</b>	95217	<b>£165.00</b>	95225	<b>£165.00</b>
Satin Stainless Steel	95214	<b>£300.00</b>	95222	<b>£300.00</b>	95218	<b>£300.00</b>	95226	<b>£300.00</b>
Polished Stainless Steel	95215	<b>£320.00</b>	95223	<b>£320.00</b>	95219	<b>£320.00</b>	95227	<b>£320.00</b>

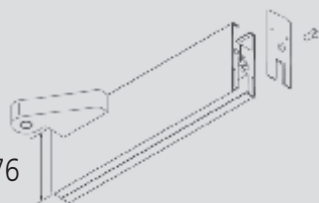


**ATR 11R/76 Single action 76mm bottom rail with lock (no cylinder) max. 1200mm**  
With end caps (LH illustrated)

	10mm LH	Price £	12mm LH	Price £	10mm RH	Price £	12mm RH	Price £
Mill	95260	<b>£300.00</b>	95268	<b>£300.00</b>	95264	<b>£300.00</b>	95272	<b>£300.00</b>
SAA	95261	<b>£305.00</b>	95269	<b>£305.00</b>	95265	<b>£305.00</b>	95273	<b>£305.00</b>
Satin Stainless Steel	95262	<b>£470.00</b>	95270	<b>£470.00</b>	95266	<b>£470.00</b>	95274	<b>£470.00</b>
Polished Stainless Steel	95263	<b>£495.00</b>	95271	<b>£495.00</b>	95267	<b>£495.00</b>	95275	<b>£495.00</b>



76



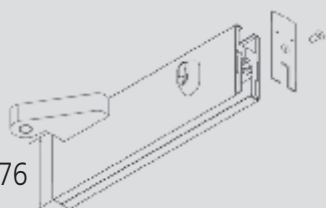
**ATR 20/76 Single action 76mm top rail no lock max. 1200mm**

With end caps

	10mm LH	Price £	12mm LH	Price £	10mm RH	Price £	12mm RH	Price £
Mill	95284	<b>£165.00</b>	95292	<b>£165.00</b>	95288	<b>£165.00</b>	95296	<b>£165.00</b>
SAA	95285	<b>£170.00</b>	95293	<b>£170.00</b>	95289	<b>£170.00</b>	95297	<b>£170.00</b>
Satin Stainless Steel	95286	<b>£305.00</b>	95294	<b>£305.00</b>	95290	<b>£305.00</b>	95298	<b>£305.00</b>
Polished Stainless Steel	95287	<b>£325.00</b>	95295	<b>£325.00</b>	95291	<b>£325.00</b>	95299	<b>£325.00</b>



76



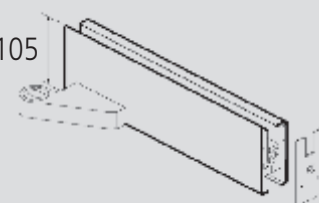
**ATR 21 R/76 Single action 76mm top rail with lock (no cylinder) max. 1200mm**

With end caps

	10mm LH	Price £	12mm LH	Price £	10mm RH	Price £	12mm RH	Price £
Mill	95332	<b>£305.00</b>	95340	<b>£305.00</b>	95336	<b>£305.00</b>	95344	<b>£305.00</b>
SAA	95333	<b>£310.00</b>	95341	<b>£310.00</b>	95337	<b>£310.00</b>	95345	<b>£310.00</b>
Satin Stainless Steel	95334	<b>£475.00</b>	95342	<b>£475.00</b>	95338	<b>£475.00</b>	95346	<b>£475.00</b>
Polished Stainless Steel	95335	<b>£500.00</b>	95343	<b>£500.00</b>	95339	<b>£500.00</b>	95347	<b>£500.00</b>



105



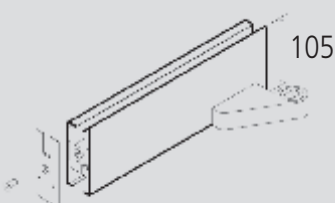
**ATR 10/105 LH Single action 105mm bottom rail no lock max. 1200mm**

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

	10mm	Price £	12mm	Price £	15mm	Price £
Mill	94072	<b>£185.00</b>	94341	<b>£185.00</b>	94359	<b>£245.00</b>
SAA	94073	<b>£190.00</b>	94342	<b>£190.00</b>	94360	<b>£250.00</b>
Satin Stainless Steel	94074	<b>£355.00</b>	94343	<b>£355.00</b>	94361	<b>£400.00</b>
Polished Stainless Steel	94075	<b>£375.00</b>	94357	<b>£375.00</b>	94362	<b>£420.00</b>



105



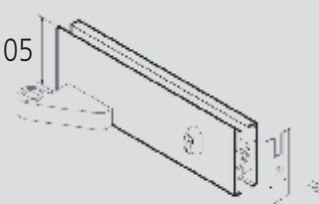
**ATR 10/105 RH Single action 105mm bottom rail no lock max. 1200mm**

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

	10mm	Price £	12mm	Price £	15mm	Price £
Mill	94337	<b>£185.00</b>	94344	<b>£185.00</b>	94363	<b>£245.00</b>
SAA	94338	<b>£190.00</b>	94345	<b>£190.00</b>	94364	<b>£250.00</b>
Satin Stainless Steel	94339	<b>£355.00</b>	123762	<b>£355.00</b>	94365	<b>£400.00</b>
Polished Stainless Steel	94340	<b>£375.00</b>	94358	<b>£375.00</b>	94366	<b>£420.00</b>



105



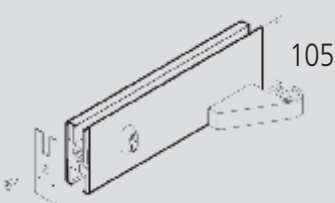
**ATR 11 R/105 LH Single action 105mm bottom rail with lock (no cylinder) max. 1200mm**

With end caps

	10mm	Price £	12mm	Price £	15mm	Price £
Mill	94112	<b>£305.00</b>	94391	<b>£305.00</b>	94400	<b>£385.00</b>
SAA	94113	<b>£310.00</b>	94393	<b>£310.00</b>	94401	<b>£390.00</b>
Satin Stainless Steel	94114	<b>£505.00</b>	94394	<b>£505.00</b>	94402	<b>£580.00</b>
Polished Stainless Steel	94115	<b>£530.00</b>	94395	<b>£530.00</b>	94403	<b>£600.00</b>



105



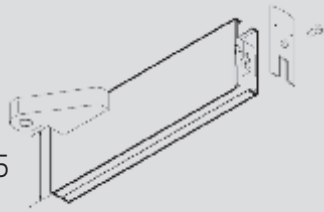
**ATR 11 R/105 RH Single action 105mm bottom rail with lock (no cylinder) max. 1200mm**

With end caps

	10mm	Price £	12mm	Price £	15mm	Price £
Mill	94387	<b>£305.00</b>	94396	<b>£305.00</b>	94404	<b>£385.00</b>
SAA	94388	<b>£310.00</b>	94397	<b>£310.00</b>	94405	<b>£390.00</b>
Satin Stainless Steel	94389	<b>£505.00</b>	94398	<b>£505.00</b>	94406	<b>£580.00</b>
Polished Stainless Steel	94390	<b>£530.00</b>	94399	<b>£530.00</b>	94407	<b>£600.00</b>



105

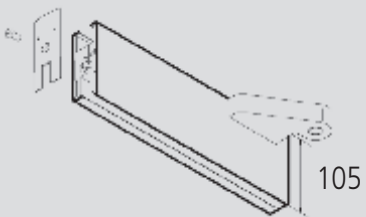


**ATR 20/105 LH Single action 105mm top rail no lock max. 1200mm**  
With end caps

	10mm	Price £	12mm	Price £	15mm	Price £
Mill	94120	<b>£190.00</b>	94436	<b>£190.00</b>	94444	<b>£250.00</b>
SAA	94121	<b>£195.00</b>	94437	<b>£195.00</b>	94445	<b>£255.00</b>
Satin Stainless Steel	94122	<b>£360.00</b>	94438	<b>£360.00</b>	94446	<b>£405.00</b>
Polished Stainless Steel	94123	<b>£380.00</b>	94439	<b>£380.00</b>	94447	<b>£425.00</b>



105

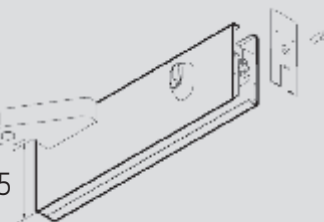


**ATR 20/105 RH Single action 105mm top rail no lock max. 1200mm**  
With end caps

	10mm	Price £	12mm	Price £	15mm	Price £
Mill	94432	<b>£190.00</b>	94440	<b>£190.00</b>	94448	<b>£250.00</b>
SAA	94433	<b>£195.00</b>	94441	<b>£195.00</b>	94449	<b>£255.00</b>
Satin Stainless Steel	94434	<b>£360.00</b>	94442	<b>£360.00</b>	94450	<b>£405.00</b>
Polished Stainless Steel	94435	<b>£380.00</b>	94443	<b>£380.00</b>	94451	<b>£425.00</b>



105

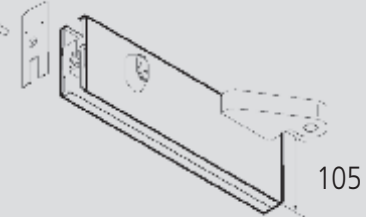


**ATR 21R/105 LH Single action 105mm top rail with lock (no cylinder) max. 1200mm**  
With end caps

	10mm	Price £	12mm	Price £	15mm	Price £
Mill	94128	<b>£310.00</b>	94476	<b>£310.00</b>	94484	<b>£390.00</b>
SAA	94129	<b>£315.00</b>	94477	<b>£315.00</b>	94485	<b>£395.00</b>
Satin Stainless Steel	94130	<b>£510.00</b>	94478	<b>£510.00</b>	94486	<b>£585.00</b>
Polished Stainless Steel	94131	<b>£535.00</b>	94479	<b>£535.00</b>	94487	<b>£605.00</b>



105



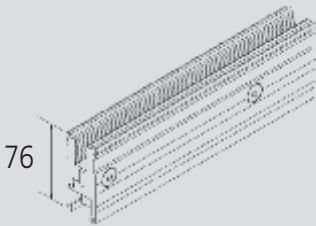
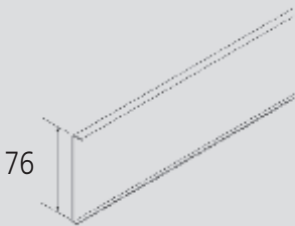
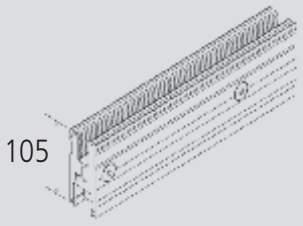
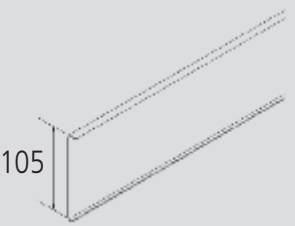
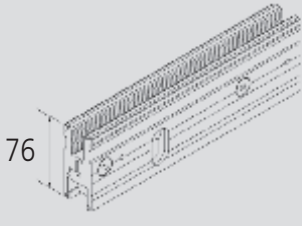
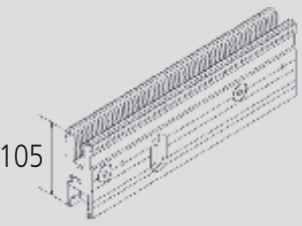
**ATR 21R/105 RH Single action 105mm top rail with lock (no cylinder) max. 1200mm**  
With end caps

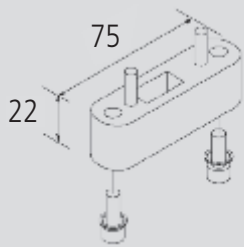
	10mm	10mm	12mm	Price £	15mm	Price £
Mill	94472	<b>£310.00</b>	94480	<b>£310.00</b>	94488	<b>£390.00</b>
SAA	94473	<b>£315.00</b>	94481	<b>£315.00</b>	94489	<b>£395.00</b>
Satin Stainless Steel	94474	<b>£510.00</b>	94482	<b>£510.00</b>	94490	<b>£585.00</b>
Polished Stainless Steel	94475	<b>£535.00</b>	94483	<b>£535.00</b>	94491	<b>£605.00</b>

### 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.

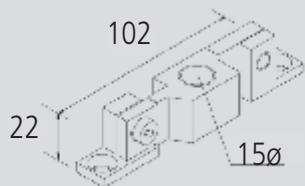
**Components for rails**

 <p>76</p>	<b>PTC 76.6 76mm Base rail</b>		
	Mill - Cut to size	10/12mm 96105	Price £ <b>£95 per metre</b>
	Mill - 6m length	10/12mm 96107	Price £ <b>£570.00</b>
 <p>76</p>	<b>PTC 76.6/B 76mm Cover plate - stock lengths</b>		
	Mill (6 metre)	10/12mm 96125	Price £ <b>£50.00</b>
	SAA (6 metre)	96126	<b>£60.00</b>
	Satin Stainless Steel (2 metre)	96123	<b>£63.00</b>
	Polished Stainless Steel (2 metre)	96124	<b>£80.00</b>
 <p>105</p>	<b>PTC 105.6/A 105mm Base rail</b>		
	Mill - Cut to size	10/12mm 96140	Price £ <b>£108.50 per metre</b>
	Mill - 6m length	10/12mm 96142	Price £ <b>£650.00</b>
	Mill - 6m length	15mm 96145	Price £ <b>£735.00</b>
 <p>105</p>	<b>PTC 105.6/B 105mm Cover plate - stock lengths</b>		
	Mill (6 metre)	Ident 96166	Price £ <b>£95.00</b>
	SAA (6 metre)	96167	<b>£115.00</b>
	Satin Stainless Steel (2 metre)	96164	<b>£80.00</b>
	Polished Stainless Steel (2 metre)	96165	<b>£100.00</b>
 <p>76</p>	<b>PTC 76/LR/S10/12 76mm Lock block with round bolt</b> (cylinder not supplied)		
	Mill	Ident 96093	Price £ <b>£105.00</b>
 <p>105</p>	<b>PTC 105/LR/S10/12 105mm Lock block with round bolt</b> (cylinder not supplied)		
	Mill	12mm 96153	Price £ <b>£115.00</b>
	Mill	15mm 96154	Price £ <b>£135.00</b>



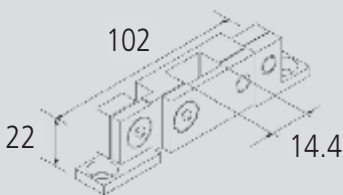
**PTC 76/105/10C Bottom pivot insert**  
To suit GEZE floorsprings or PTP 26 pivot

	Ident	Price £
Plated Steel	96186	<b>£14.00</b>



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

	Ident	Price £
Plated Steel	96187	<b>£15.00</b>



**PTC 76/105/22C Top pivot insert**  
To suit transom closers (pivot point fixed at 65mm)

	Ident	Price £
Plated Steel	130469	<b>£45.00</b>



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

	8/10/12mm	Price £
Mill	96129	<b>£4.50</b>
SAA	96130	<b>£4.95</b>
Satin Stainless Steel	96131	<b>£18.00</b>
Polished Stainless Steel	96132	<b>£23.00</b>



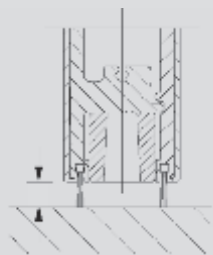
**PTC 105/F 105mm Rail end cap**

	8/10/12mm	Price £	15mm	Price £
Mill	96170	<b>£7.00</b>	96174	<b>£13.50</b>
SAA	96171	<b>£7.50</b>	96175	<b>£15.00</b>
Satin Stainless Steel	96172	<b>£26.50</b>	96176	<b>£55.00</b>
Polished Stainless Steel	96173	<b>£34.50</b>	96177	<b>£65.00</b>



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

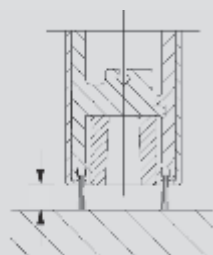
	8/10/12mm	Price £
Mill	96133	<b>£7.00</b>
SAA	96134	<b>£9.00</b>
Satin Stainless Steel	96135	<b>£25.00</b>
Polished Stainless Steel	96136	<b>£36.00</b>



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

3000mm length

Ident	Price £
96189	<b>£25.00</b>



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

6000mm length

Ident	Price £
96190	<b>£7.00</b>

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

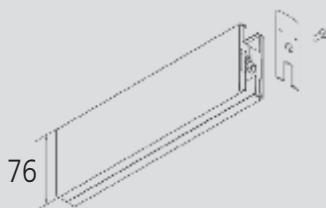
2.2mm for 10mm glass/per m

Ident	Price £
96192	<b>£4.50</b>

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

1.2mm for 12mm glass/per m

Ident	Price £
96193	<b>£4.50</b>

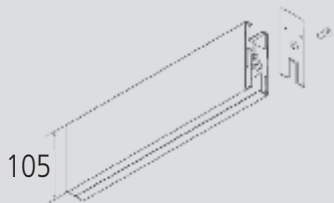


**Top and bottom side panel 76mm per linear metre**

10mm	12mm	15mm	19mm
------	------	------	------

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

**POA**



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

10mm	12mm	15mm	19mm
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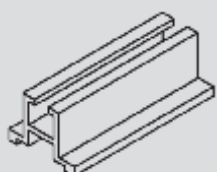
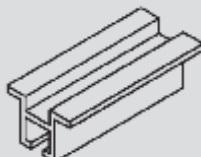
Complete with 1x end caps  
Mill  
SAA  
Satin Stainless Steel  
Polished Stainless Steel

**POA**

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

	Cut to size	Price £	6000mm	Price £
Mill	96228	<b>£8.50 per m</b>	96236	<b>£49.50</b>
SAA	96229	<b>£10.00 per m</b>	96237	<b>£60.00</b>

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

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

	Cut to size	Price £	6000mm	Price £
Mill	96195	<b>£12.00 per m</b>	96224	<b>£75.00</b>
SAA	126160	<b>£15.00 per m</b>	96225	<b>£90.00</b>

**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	Price £
Mill	98049	<b>£60.00</b>
SAA	98050	<b>£72.50</b>
Satin Stainless Steel	98051	<b>£125.00</b>
Polished Chrome Plate	98052	<b>£125.00</b>



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

	Ident	Price £
Mill	98057	<b>£60.00</b>
SAA	98058	<b>£72.50</b>
Satin Stainless Steel	98059	<b>£125.00</b>
Polished Chrome Plate	98060	<b>£125.00</b>

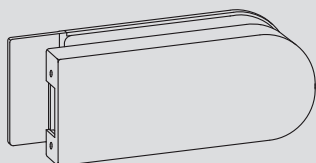


**STRL/P/PZ/RHFHV/S12 Studio 85 locking latch prepared for levers with roses**

	Ident	Price £
Mill	98070	<b>£72.00</b>
SAA	98071	<b>£75.00</b>
Satin Stainless Steel	98072	<b>£135.00</b>
Polished Chrome Plate	98073	<b>£135.00</b>

**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	Price £
Mill	98090	<b>£60.00</b>
SAA	98091	<b>£62.50</b>
Satin Stainless Steel	98092	<b>£123.00</b>
Polished Chrome Plate	98093	<b>£123.00</b>

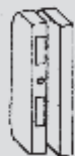


**Junior interior range (10-12mm glass)**



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

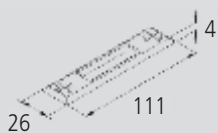
	LH	Price £	RH	Price £
Mill	96939	<b>£70.00</b>	96943	<b>£70.00</b>
SAA	96940	<b>£72.00</b>	96944	<b>£72.00</b>
Satin Stainless Steel	96941	<b>£160.00</b>	96945	<b>£160.00</b>
Polished Stainless Steel	96942	<b>£185.00</b>	96946	<b>£185.00</b>



**JRL/LB/SB/S12 Strike box**

	LH	Price £	RH	Price £
Mill	96874	<b>£55.00</b>	96878	<b>£55.00</b>
SAA	96875	<b>£58.50</b>	96879	<b>£58.50</b>
Satin Stainless Steel	96876	<b>£176.50</b>	96880	<b>£176.50</b>
Polished Stainless Steel	96877	<b>£185.00</b>	96881	<b>£185.00</b>

**Studio 85 & Junior office accessories**



**STS/01 Studio strike plate**

	Ident	Price £
Satin Stainless Steel	97369	<b>£4.00</b>



**JSP/01 Junior strike plate**

Satin Stainless Steel	97371	<b>£10.50</b>
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**ST/J/A/L.2 Pair of round lever handles without roses**

SAA	85993	<b>£32.00</b>
Satin Stainless Steel	87792	<b>£85.00</b>



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

SAA	22326	<b>£47.00</b>
Satin Stainless Steel	85968	<b>£115.00</b>



**Studio 85 hinge range**

SAA	115504	<b>£29.50</b>
Simulated Stainless Steel	115505	<b>£43.50</b>

**Handles**



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

Satin Stainless Steel	97326	<b>£198.00</b>
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**Straight back to back pull "D" handles - 650mm centres**

Satin Stainless Steel	97330	<b>£225.00</b>
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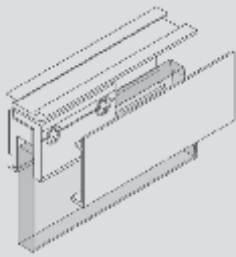
**Straight back to back pull "D" Handles - 900mm centres**

Satin Stainless Steel	97334	<b>£240.00</b>
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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.

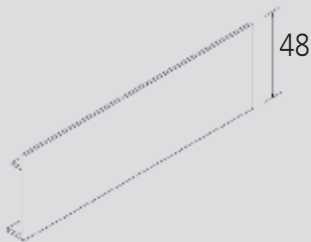
**Clamping profile system 8, 10, 12mm**



**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)

	<b>Price £</b>
Mill	97300 <b>£240.00</b>

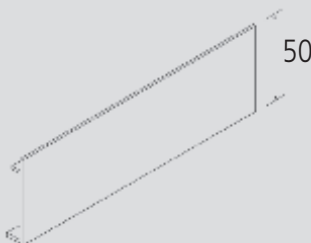


<b>PCC/48.1 Glass clamps</b>	<b>8mm</b>	<b>Price £</b>	<b>10mm</b>	<b>Price £</b>	<b>12mm</b>	<b>Price £</b>
Mill	97310	<b>£8.50</b>	97311	<b>£8.50</b>	97312	<b>£8.50</b>

<b>PCC/48.1 Clamping rail cover plates - 6m stock lengths</b>		
Mill	97302	<b>£28.00</b>

SAA	97303	<b>£37.00</b>
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<b>PCC/48.1 Clamping rail cover plates - cut to size / per metre</b>		
Mill	97304	<b>£6.00</b>
SAA	97305	<b>£7.00</b>

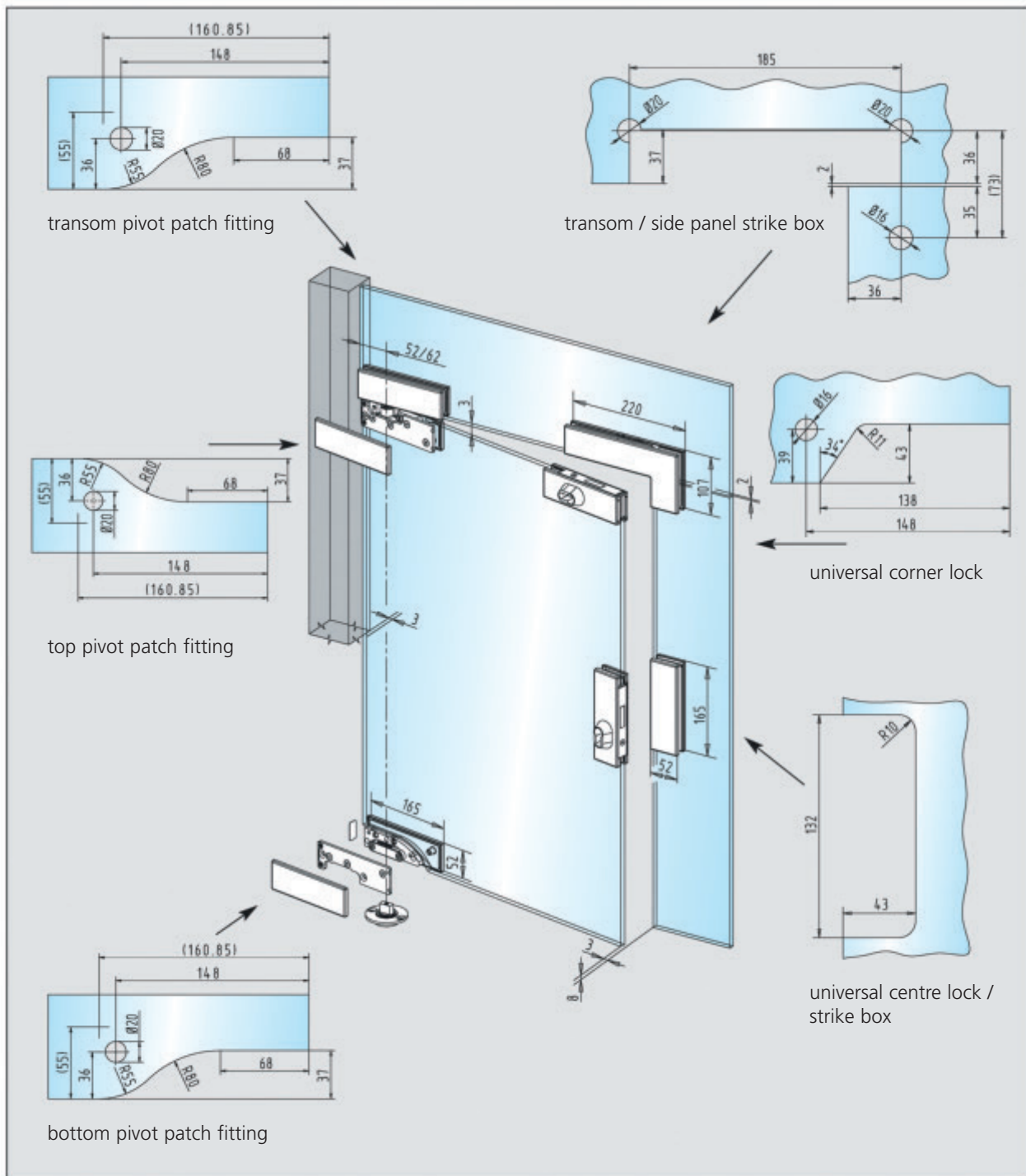


<b>PCC/48.1 Secondary cover plates - 2m stock lengths</b>	<b>Ident</b>	<b>Price £</b>
Satin Stainless Steel		
Polished Stainless Steel		<b>POA</b>

<b>PCC/48.1 Secondary cover plates - cut to size / per metre</b>		
Satin Stainless Steel		<b>POA</b>
Polished Stainless Steel		

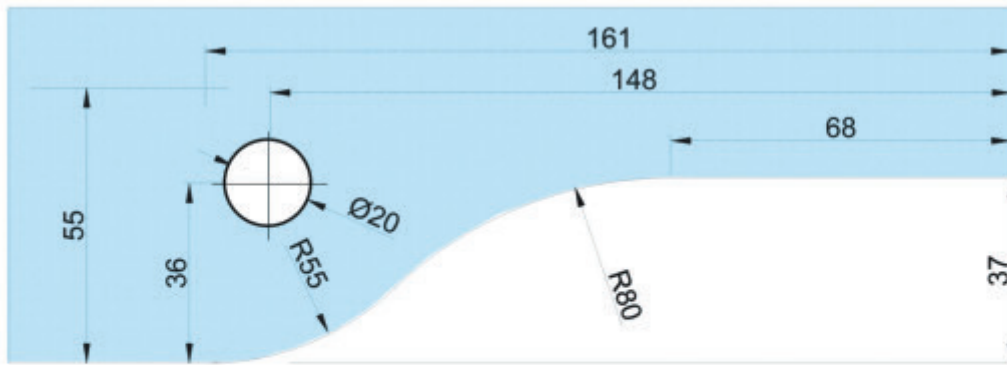
<b>PCB/base rail - 6m stock lengths</b>		<b>POA</b>
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# Glass preparation technical information



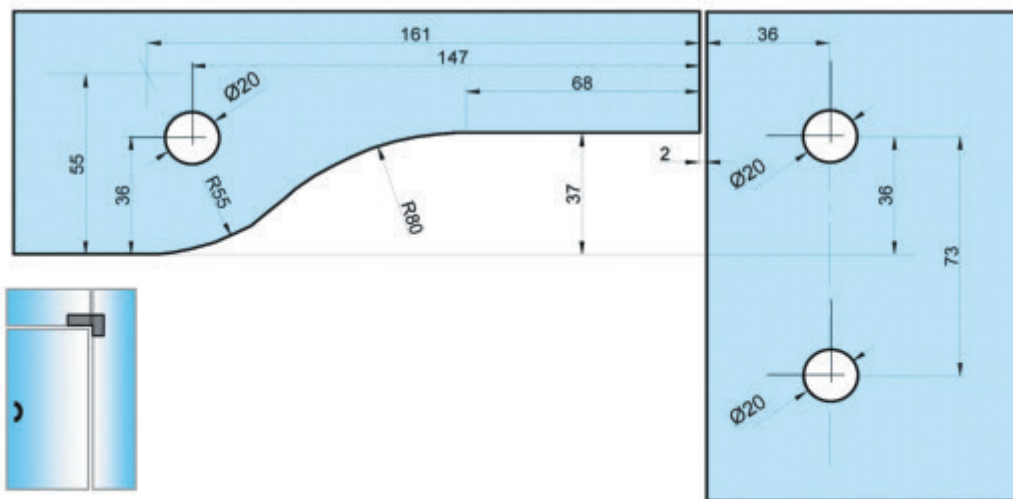
**Information:**

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.



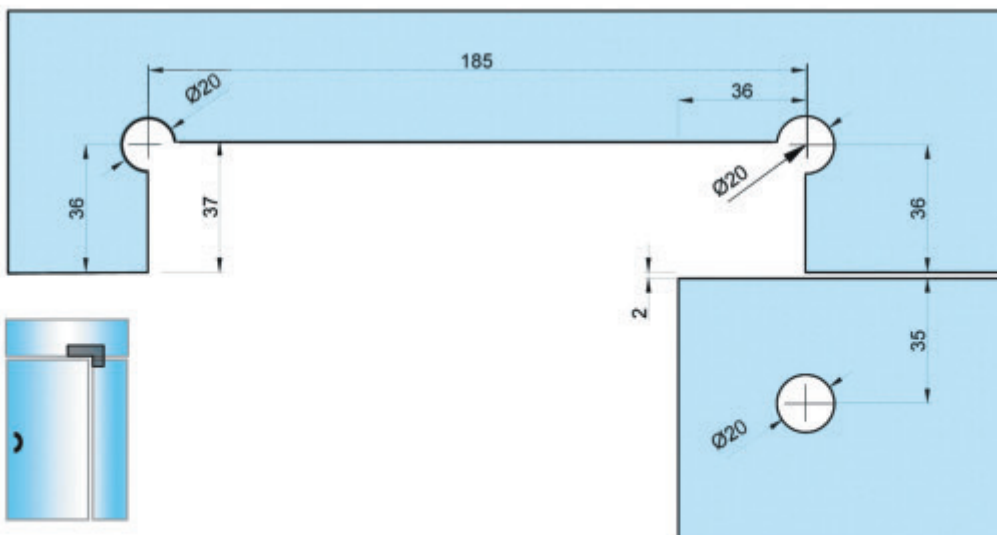
**PTP 10, 20, 22 & 30 (PTS 30, 30.1) (PFP 30) (ATP 30) GLASS PREPARATION - NOT TO SCALE**

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



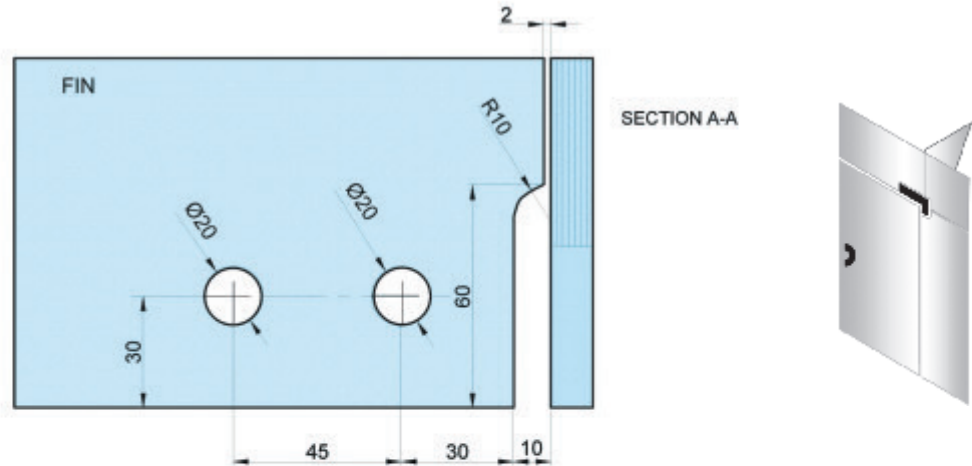
**PTP/S 40/40.1/40.2 (PFP 40) GLASS PREPARATION FOR FULL HEIGHT SIDE PANEL - NOT TO SCALE**

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



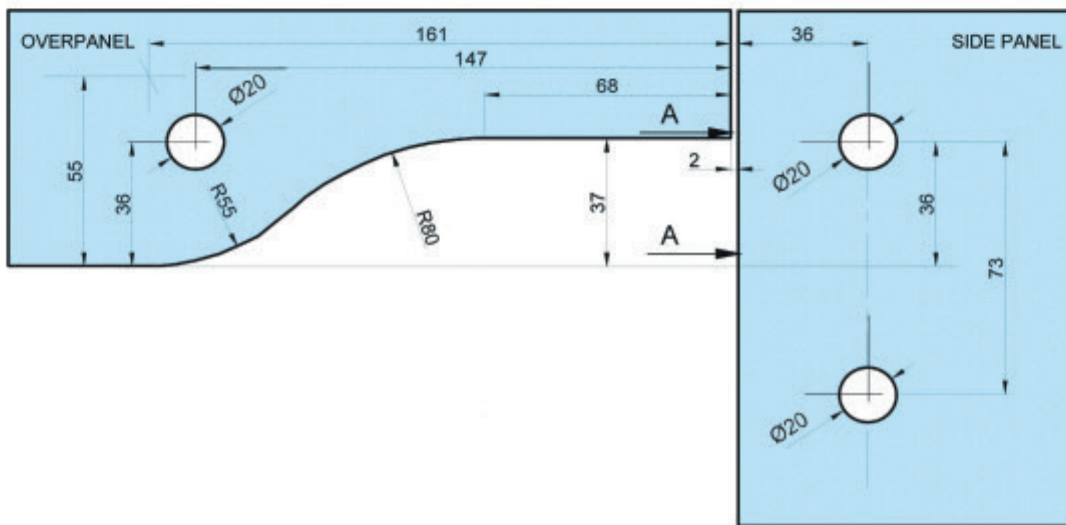
**PTP/S 40 / 40.1 (PFP 40) GLASS PREPARATION FOR FULL HEIGHT SIDE PANEL - NOT TO SCALE**

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



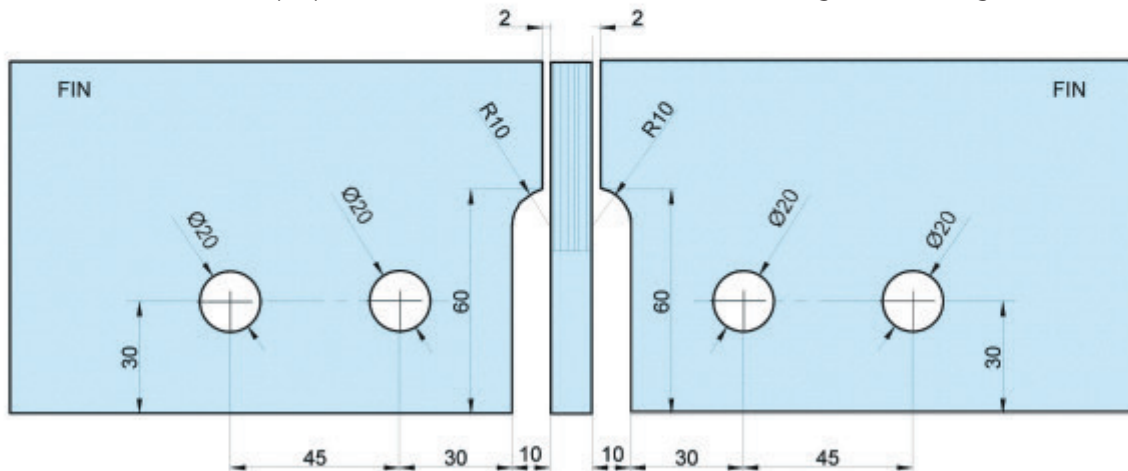
**PTP/S 41 SINGLE FIN GLASS PREPARATION - NOT TO SCALE**

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



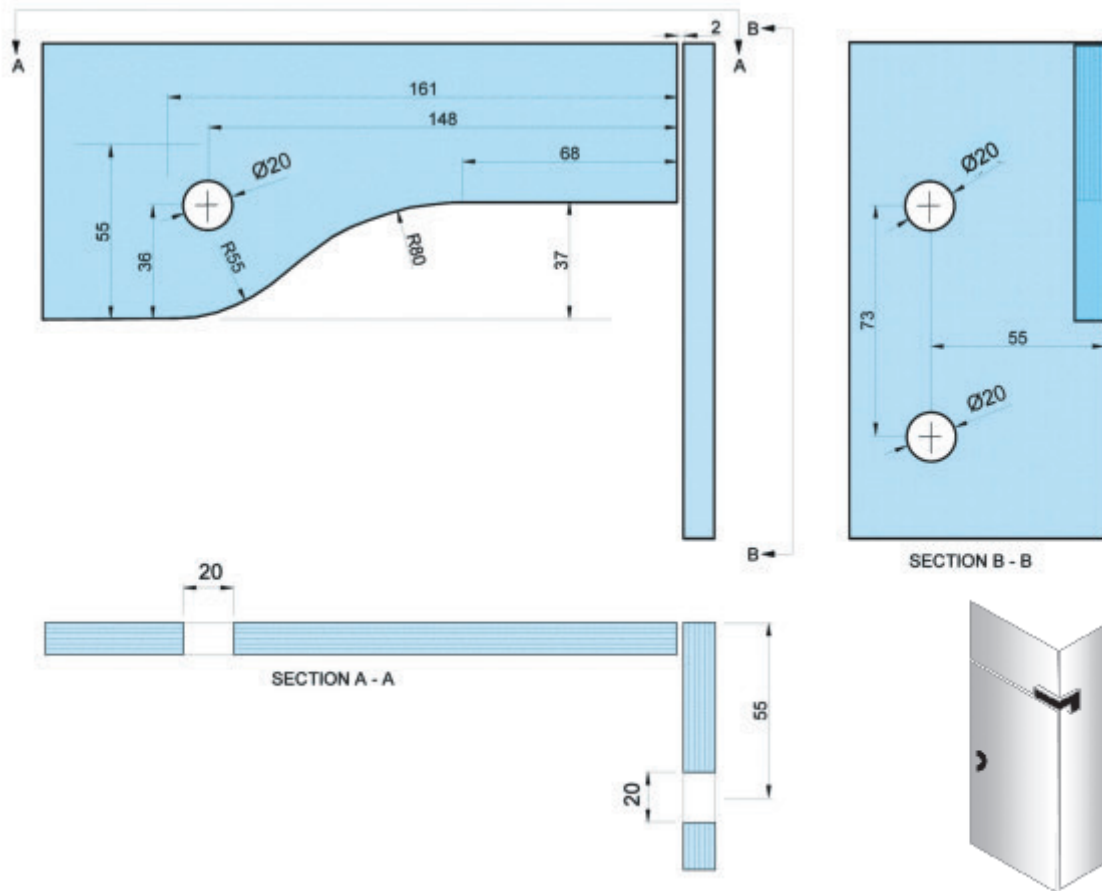
**PTP/S 41/PTP/S 41.2 (PFP 41) GLASS PREPARATION - NOT TO SCALE**

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



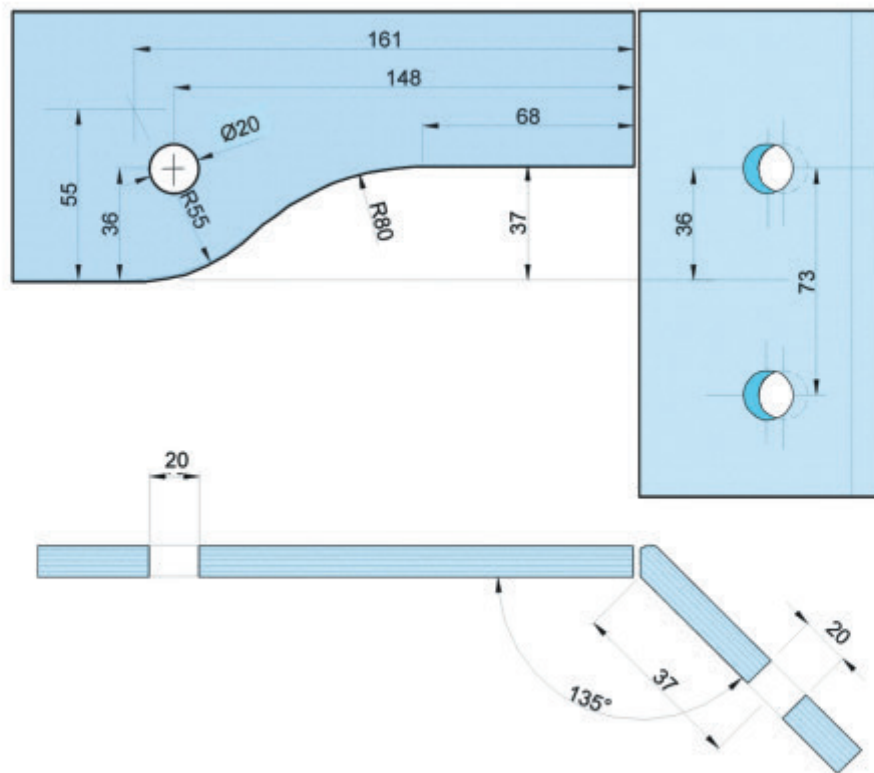
**PTP/S 41.2 DUAL FIN GLASS PREPARATION - NOT TO SCALE**

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



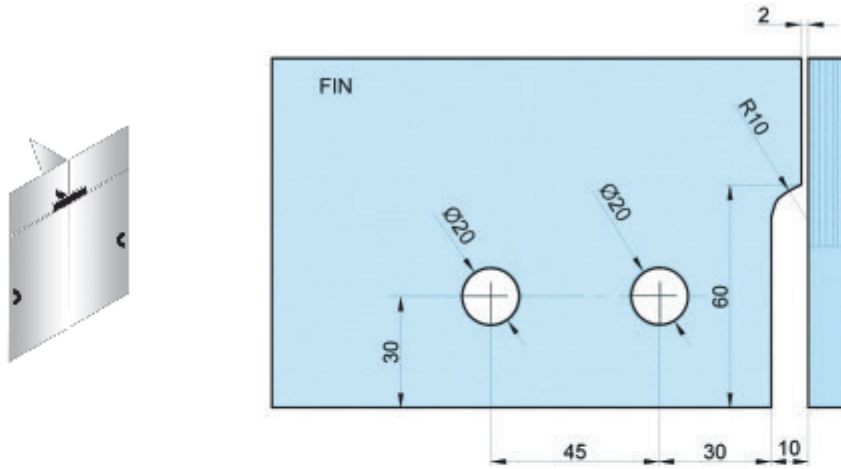
**PTP/S 42 (90°) GLASS PREPARATION - NOT TO SCALE**

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



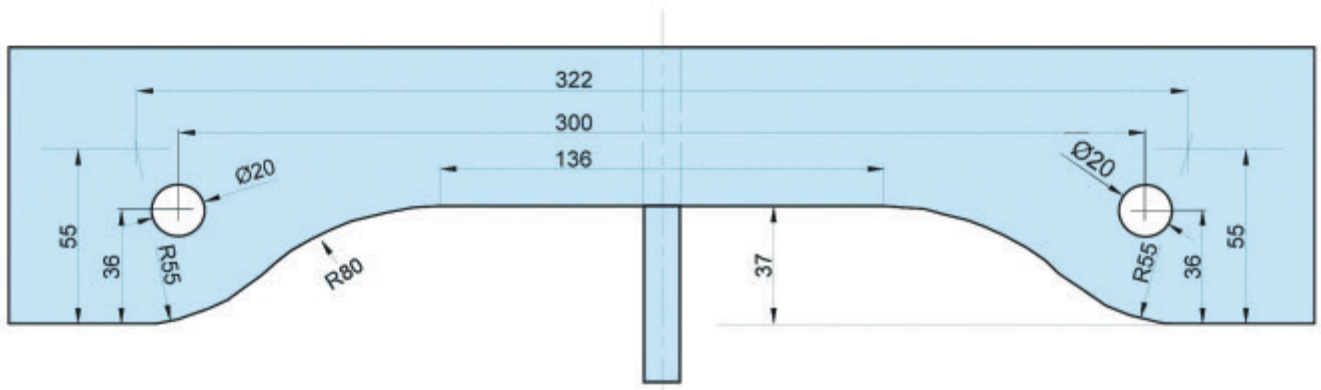
**PTP/S 42.2 (135°) GLASS PREPARATION - NOT TO SCALE**

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



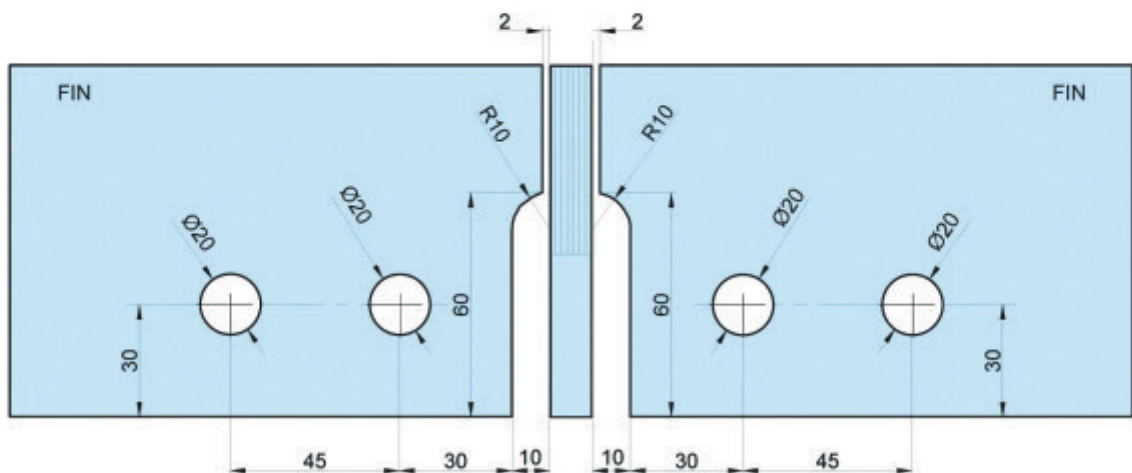
**PTP/S 51 SINGLE FIN GLASS PREPARATION - NOT TO SCALE**

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



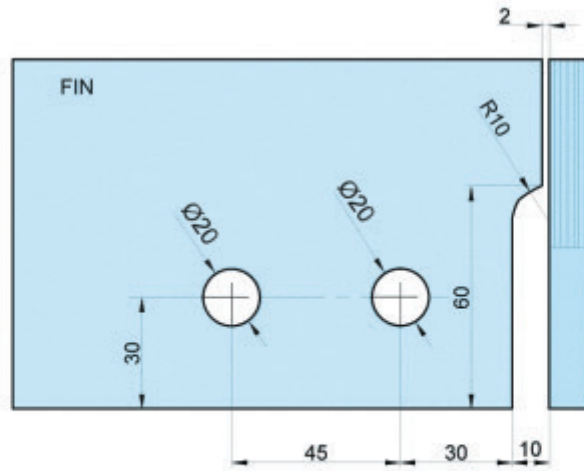
**PTP/S 51 GLASS PREPARATION - NOT TO SCALE**

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



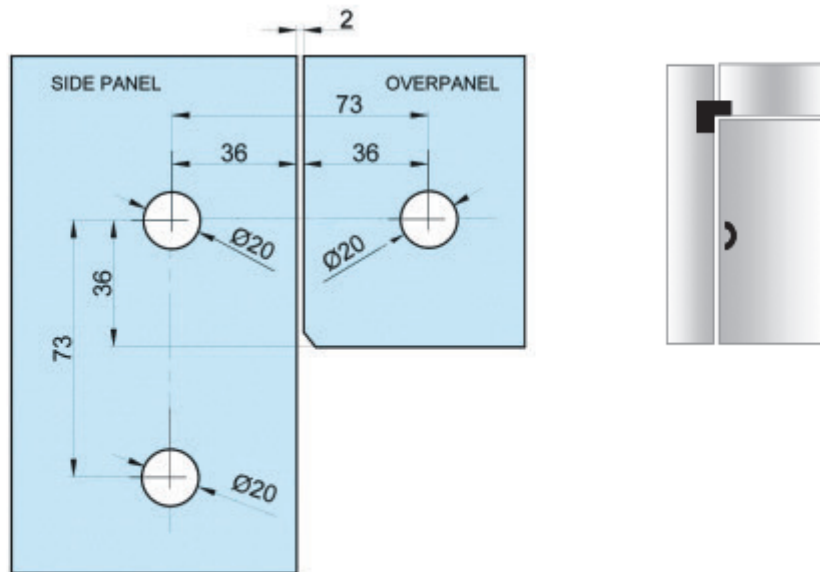
**PTP/S 51 DUAL FIN GLASS PREPARATION - NOT TO SCALE**

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



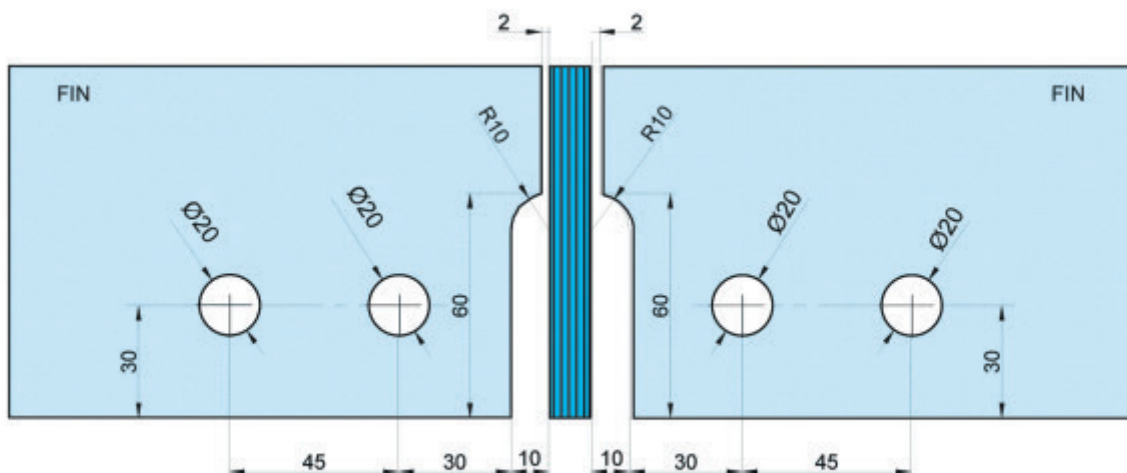
**PTP/S 62 SINGLE FIN GLASS PREPARATION - NOT TO SCALE**

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



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

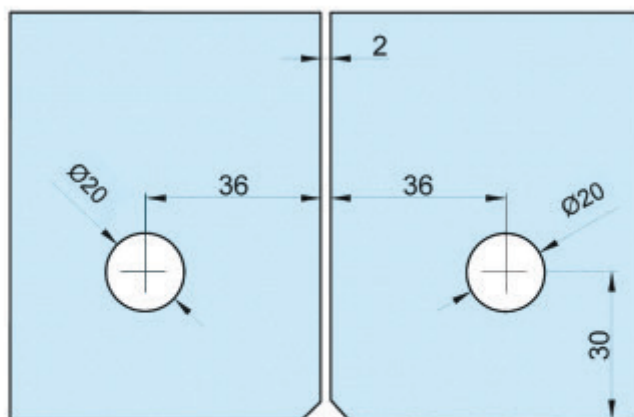
(Note: Glass preparation needs to be orientated to suit fitting and handling)



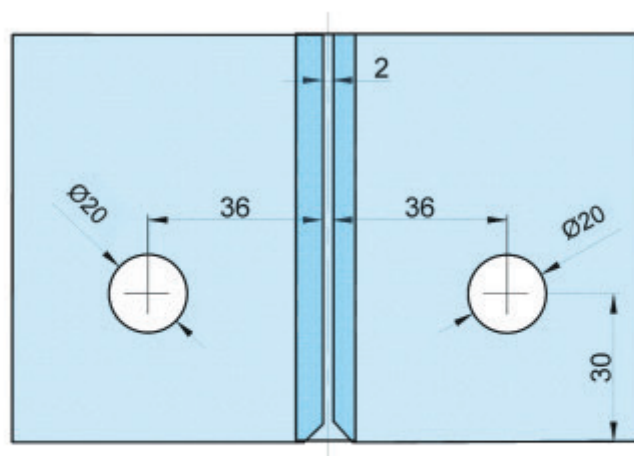
**PTP/S 64 DUAL FIN GLASS PREPARATION - NOT TO SCALE**

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

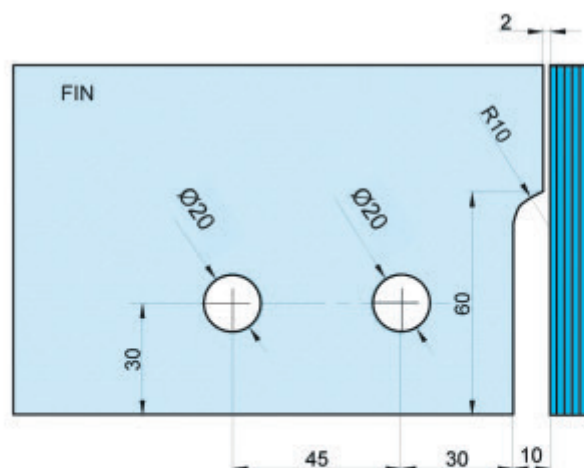




**PTP 70/70.1 GLASS PREPARATION - NOT TO SCALE**

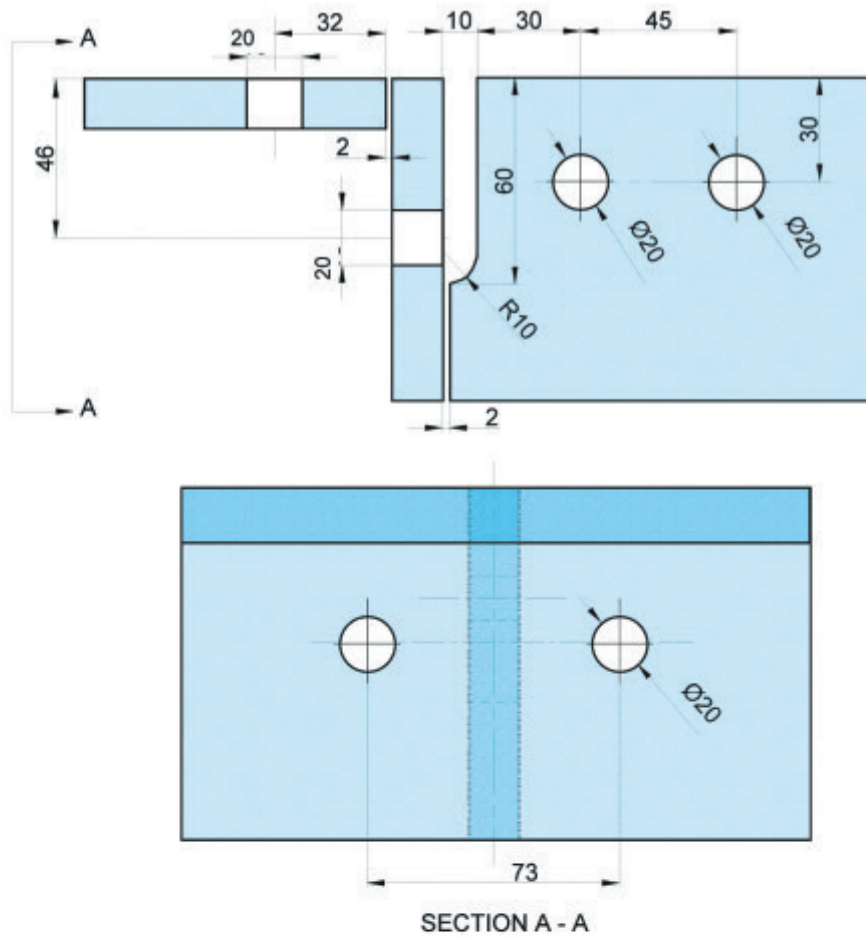


**PTP 71 GLASS PREPARATION - NOT TO SCALE**



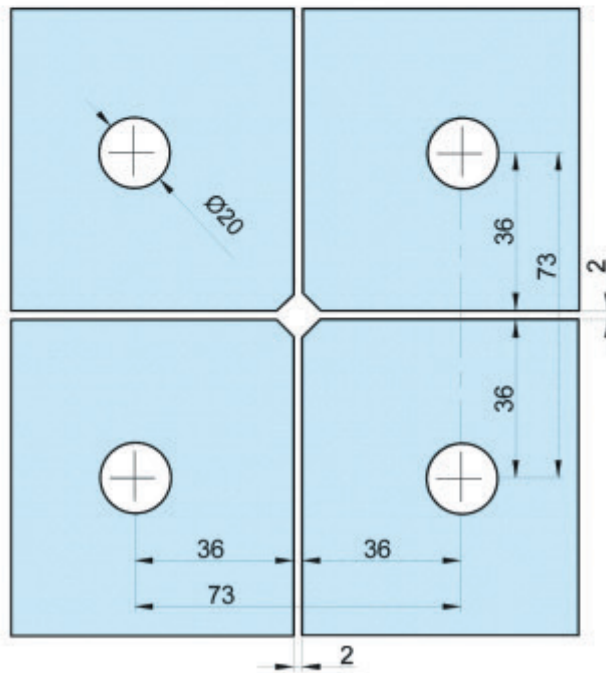
**PTP 71 FIN GLASS PREPARATION - NOT TO SCALE**

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

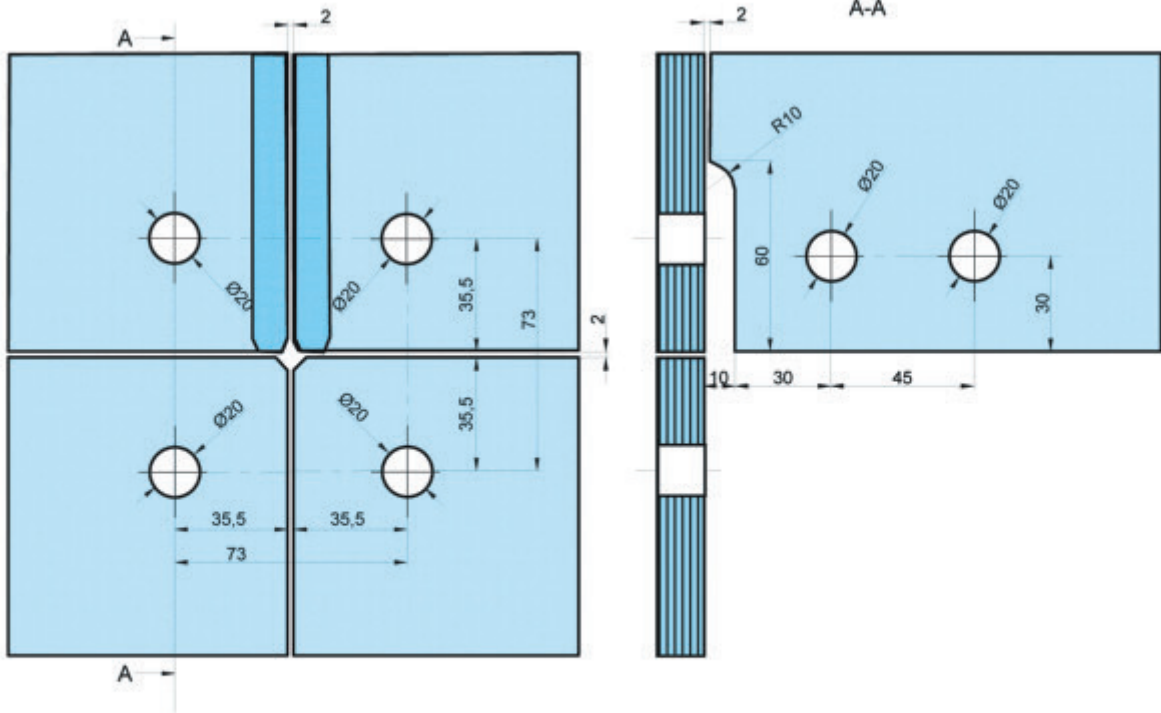


**PTP 73 EXTERNAL FIN GLASS PREPARATION - NOT TO SCALE**

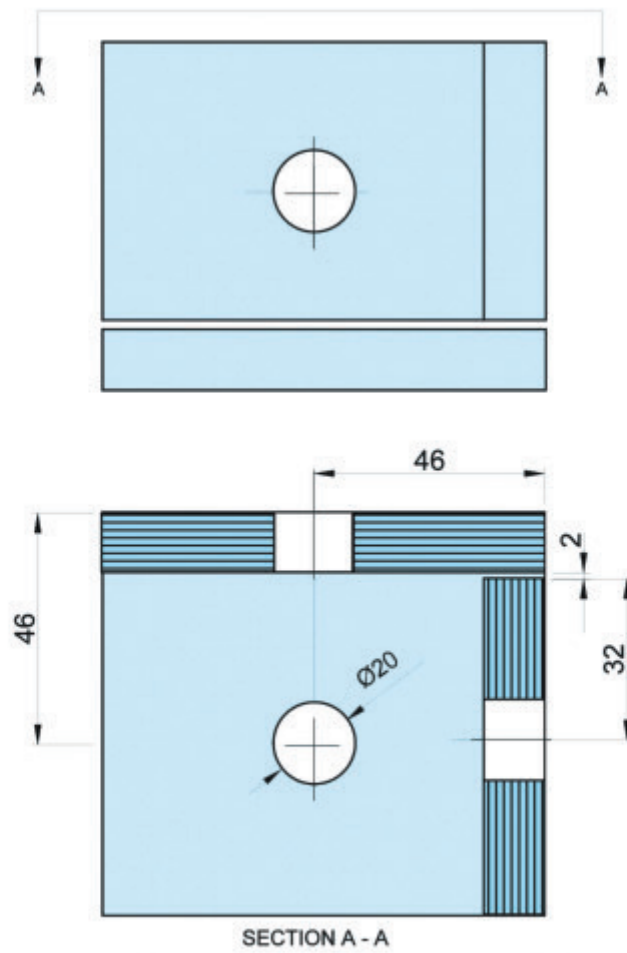
(Note: Glass preparation needs to be orientated to suit fitting and handling)



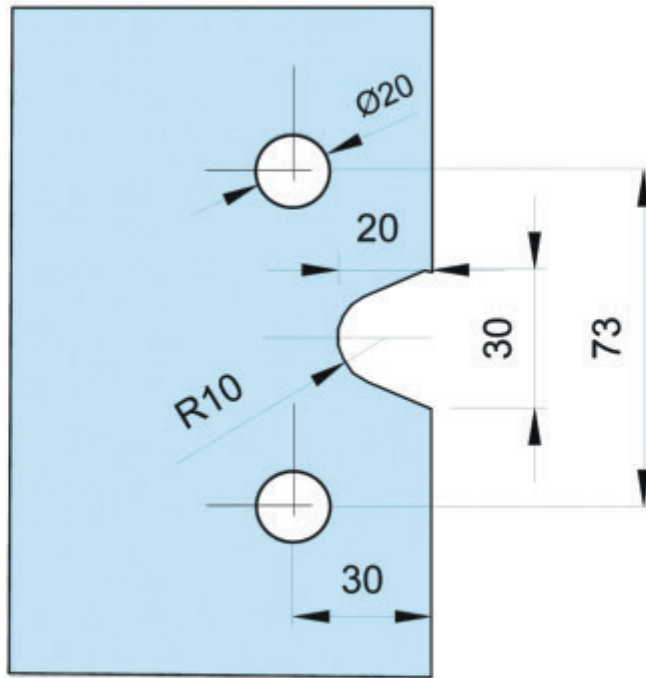
**PTP 80 GLASS PREPARATION - NOT TO SCALE**



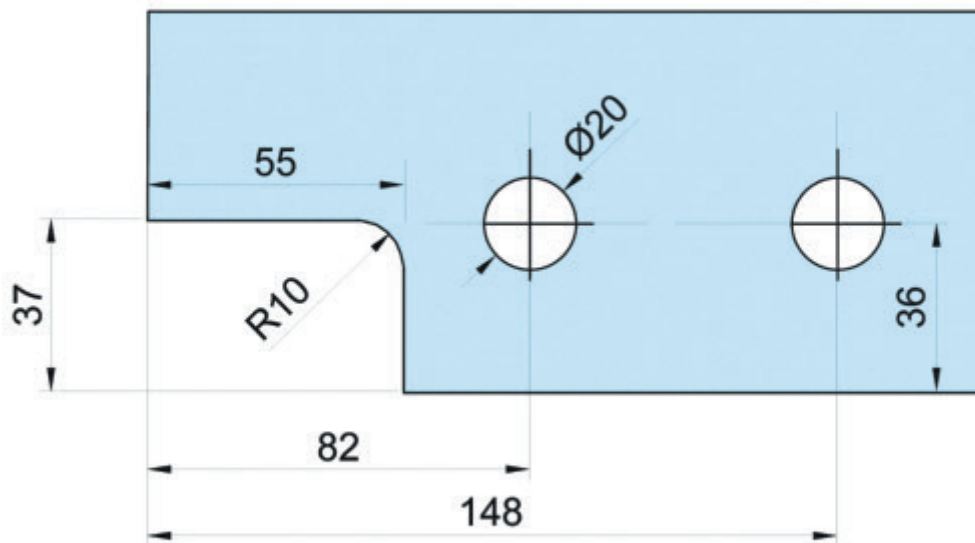
**PTP 81 GLASS PREPARATION - NOT TO SCALE**



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

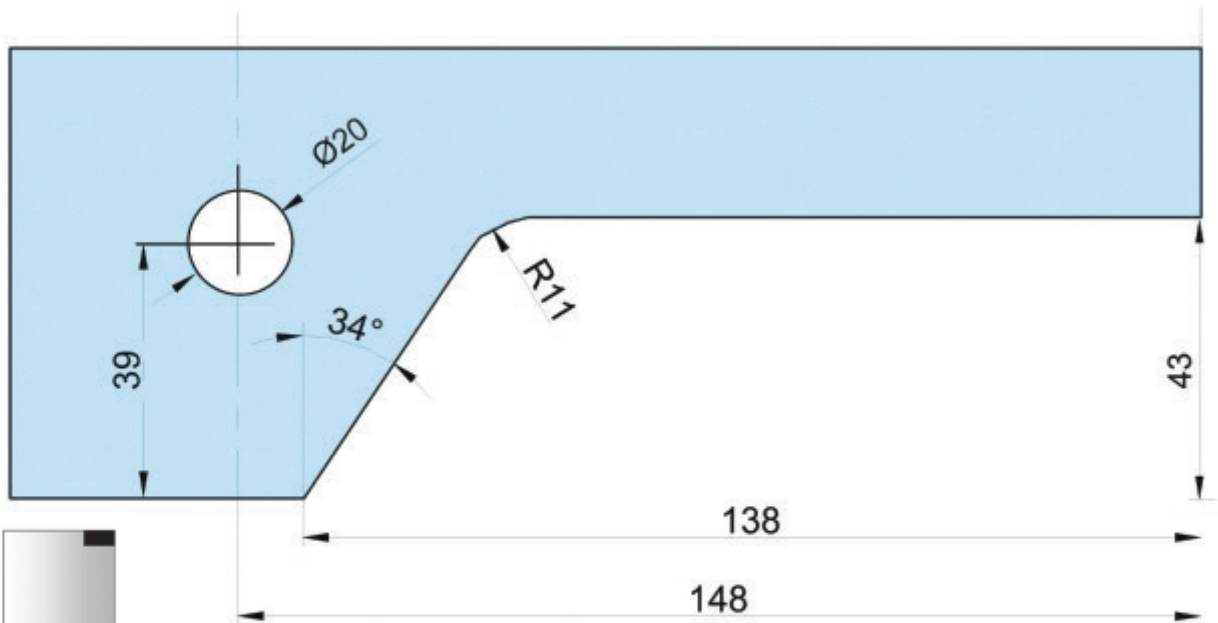


**PTP 84 GLASS TO WALL CONNECTION PATCH - NOT TO SCALE**



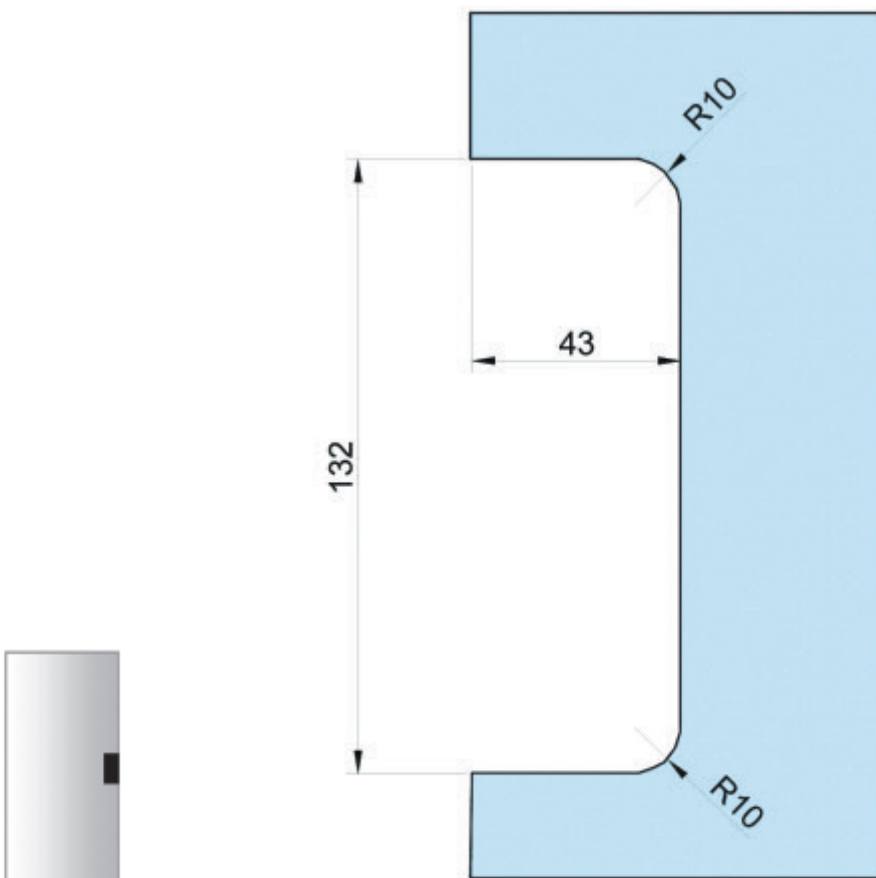
**PFP 10, 20 GLASS PREPARATION - NOT TO SCALE**

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

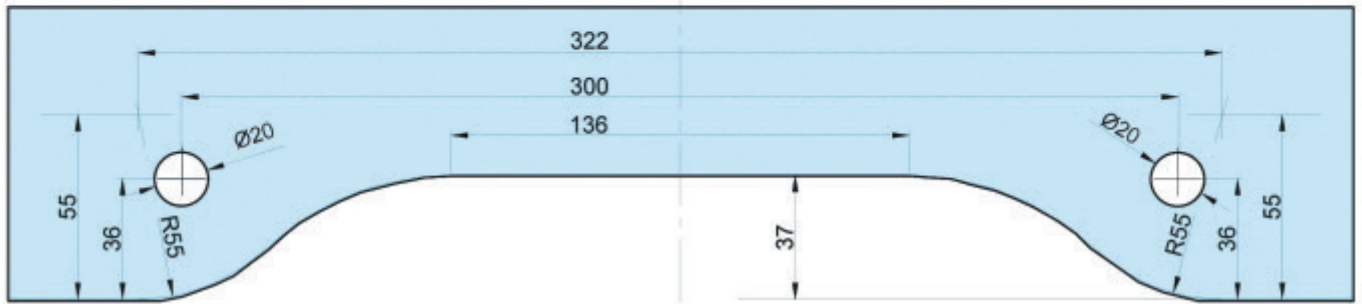


**PTL 10 LOCK GLASS PREPARATION - NOT TO SCALE**

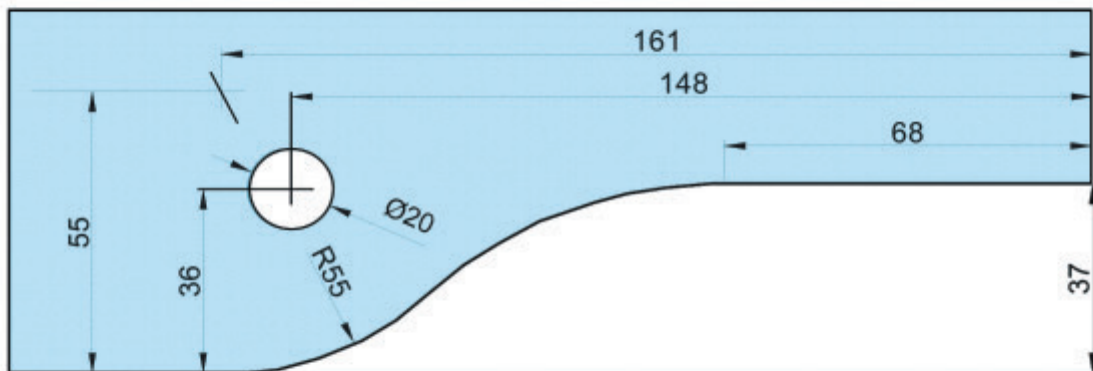
(Note: Glass preparation needs to be orientated to suit fitting and handling)



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

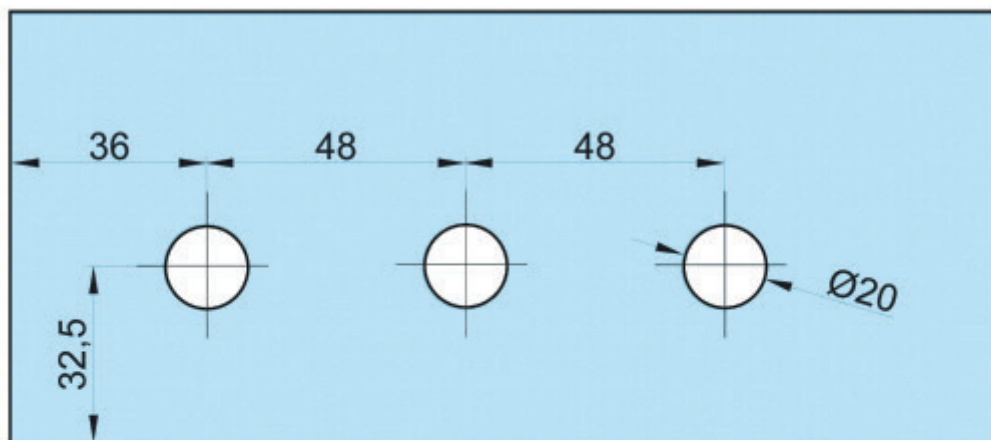


**PTS 20 GLASS PREPARATION - NOT TO SCALE**



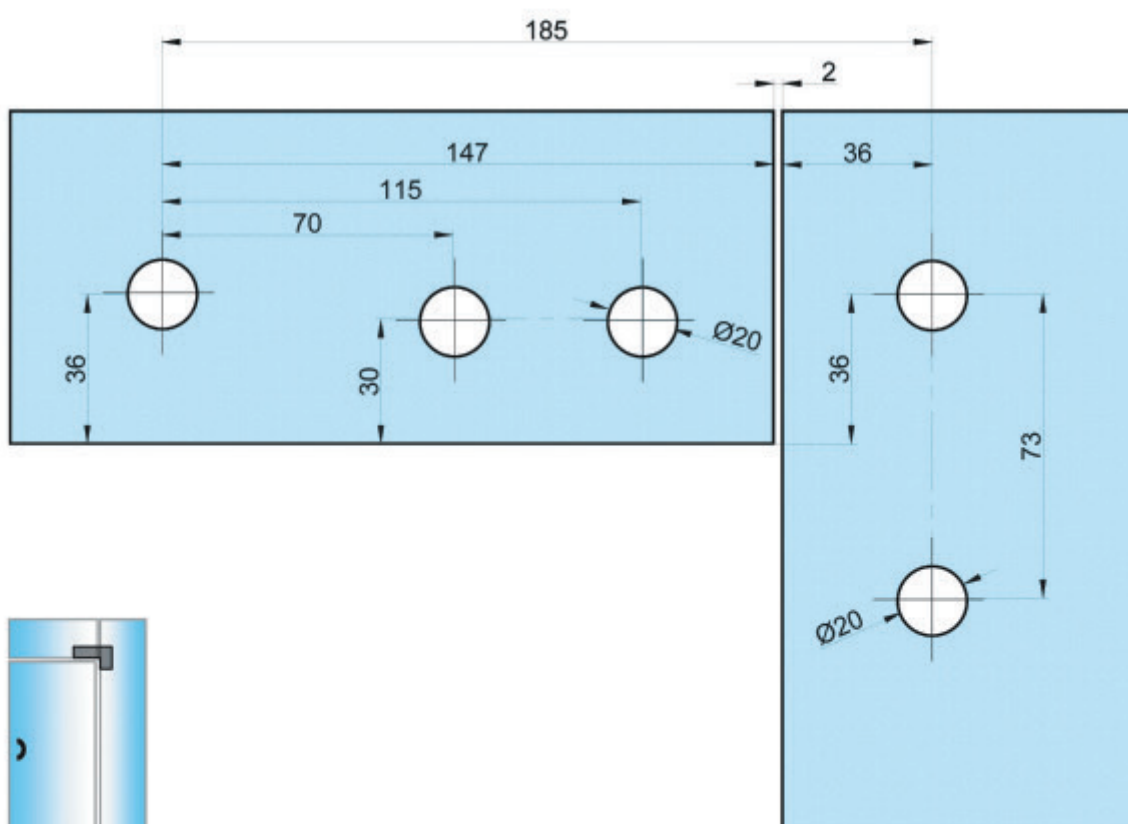
**PTS 30 GLASS PREPARATION - NOT TO SCALE**

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

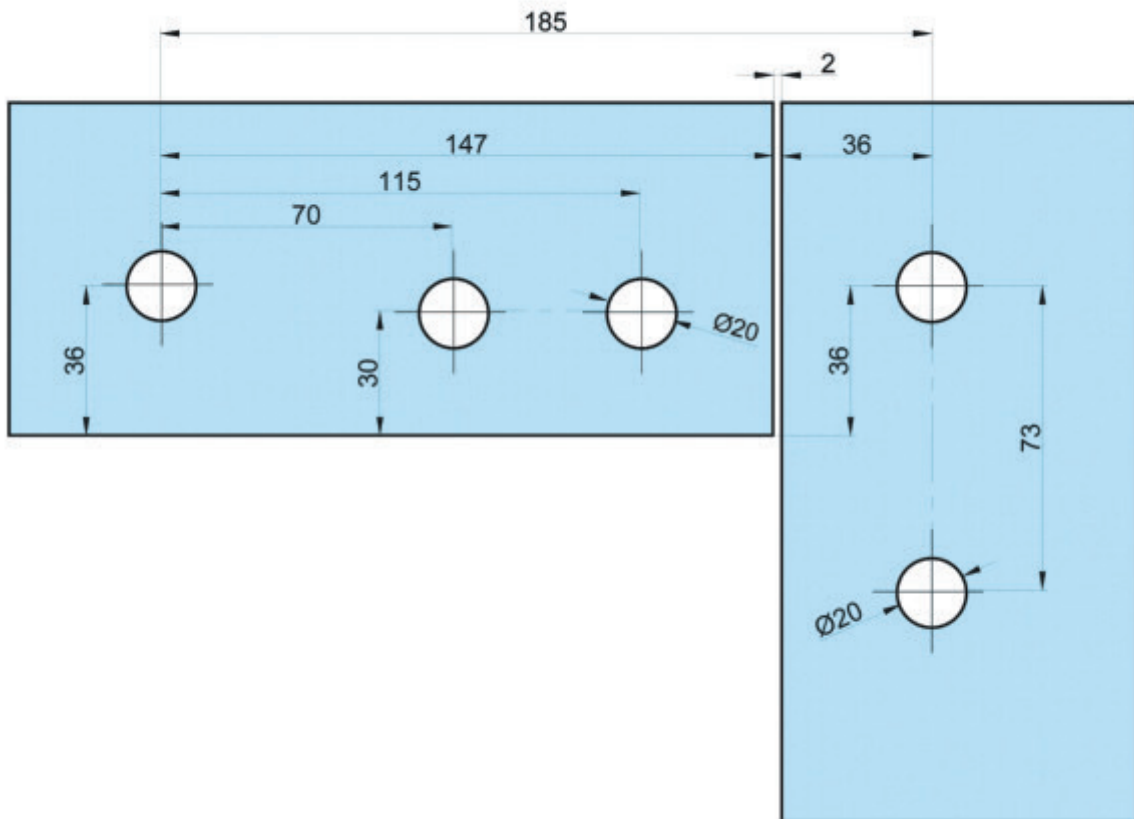
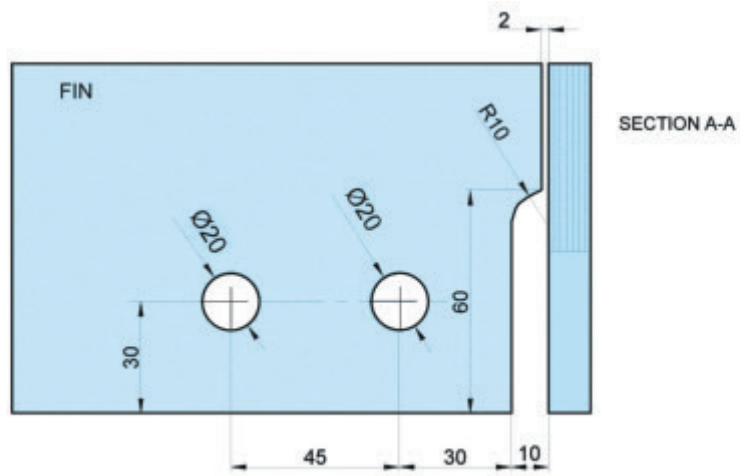


**ATP 10, 20 SINGLE ACTION PATCH - NOT TO SCALE**

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



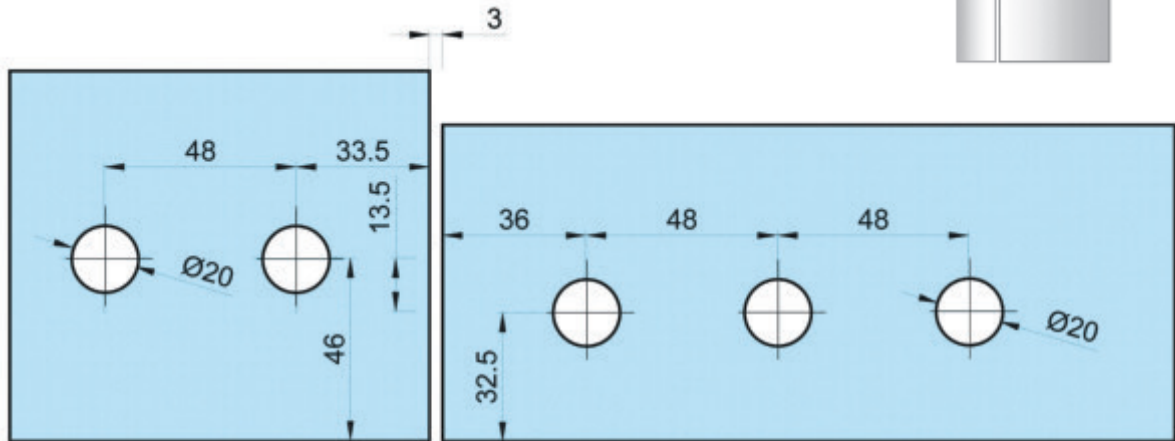
**ATP 40 GLASS PREPARATION - NOT TO SCALE**



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

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

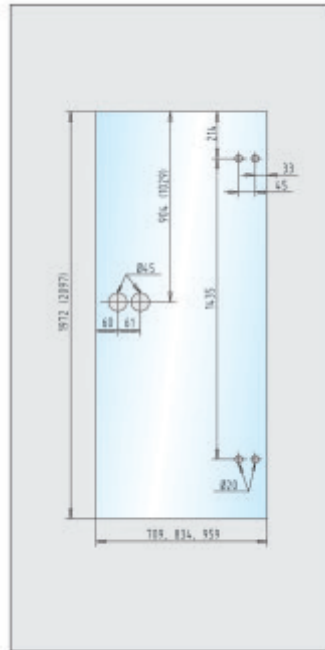




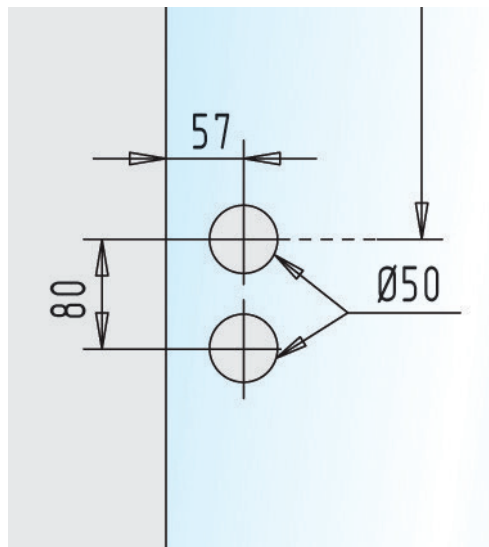
**ATP 28 GLASS PREPARATION - NOT TO SCALE**

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

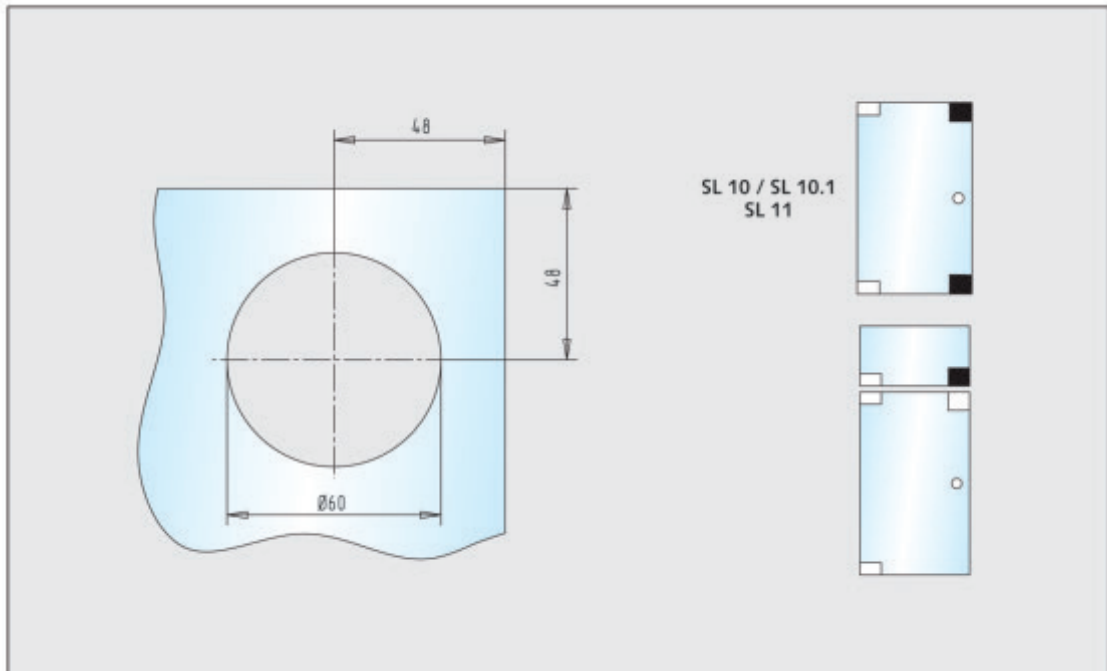
Standard door leaf



**STUDIO LOCK GLASS PREPARATION**

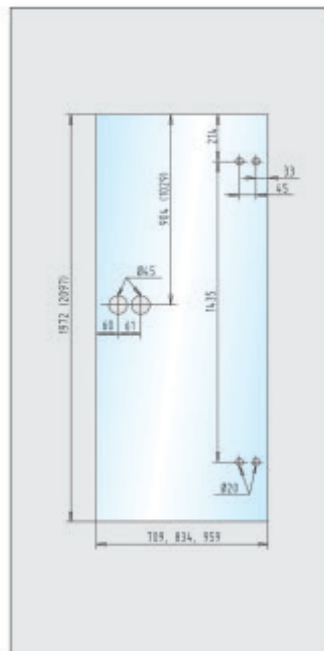


**JUNIOR LOCK GLASS PREPARATION**



**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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