

## SECTION 3: COMMERCIAL HARDWARE

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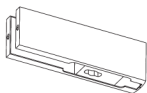
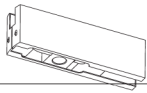
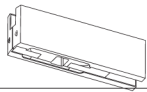
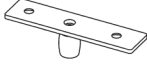

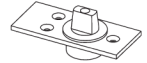
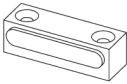


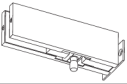
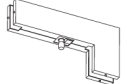
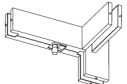

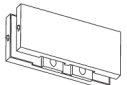
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## FRAMELESS COMMERCIAL HARDWARE

### Patch Fittings

Specify 10mm or 12mm glass thickness

Product	Code	Description	Natural Silver Anodised	S/Steel Polished or Satin	Powder Coated
	MP10	Bottom Patch Fitting			
	MP20	Top Patch Fitting			
	MP22	Top Patch Fitting for overhead transom closer			
	MP24	Top Pivot with plate mounting			
	MP25	Top Pivot with M8 threaded rod, washer and nut			
	MP26	Standard Floor Pivot			
	MP28	Transom Mount Stop Single door 50mm			
	MP32	Floor Mount Stop			
	MP33	Wall Mount Stop 76mm Projection. Concealed Fixings.			
	MP34	Overpanel to Wall Patch Fitting			
	MP40	Overpanel to Side Panel Patch Fitting			
	MP41	Overpanel to Side Panel with fin mounting patch fitting			
	MP61	Overpanel to Side Panel Patch Fitting with optional stop			
	MP70	Overpanel Patch Fitting with two optional stops to suit double doors			

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### Patch Locks

Specify 10mm or 12mm glass thickness

Product	Code	Description	Natural Silver Anodised	S/Steel Polished or Satin	Powder Coated
	MP100	Bottom Patch Tough Lock includes cylinders and keeper			
	MP100	Bottom Patch Pin Lock includes cylinders and keeper			
	MP200	Centre Patch Lock includes cylinders  <b>For locks specify cylinder type</b> DC - Double Cylinders CT - Cylinder Turn			
	MP220	Centre Patch Keeper			
	MK240	Tough Lock Keeper for Transom, Mullion or Ground Installations			
	MK250	Pin Lock Keeper for Transom, Mullion or Ground Installations			
	DC110	Double Cylinders (Euro type)			
	CT110	Cylinder and Turn (Euro type)			
	343.1	Special Slide-on Patch Lock No glass cut-out required Suitable for 10mm and 12mm glass Complete with single sided key cylinder			
	374	Slide-on Patch Bolt Lock No glass cut-out required Suitable for 10mm and 12mm glass			

See Patch Fitting Glass Preparation Drawings  
Pages 3.33, 3.34, 3.35

See Patch Fitting Application Guide 3.29

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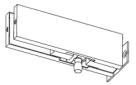
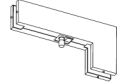
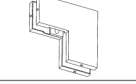
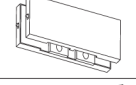
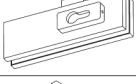
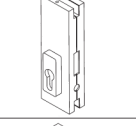
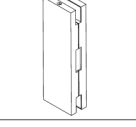

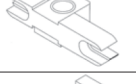

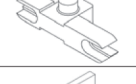

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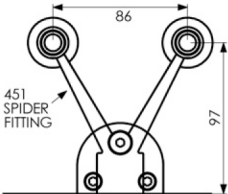
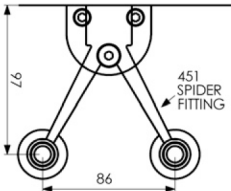
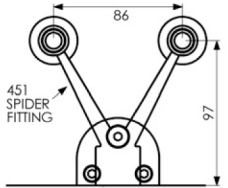

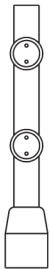
## FRAMELESS COMMERCIAL HARDWARE

### Patch Fitting Components

Product	Code	Description	Natural Silver Anodised	S/Steel Polished or Satin	Forging
	CP10	Cover Plate Set to suit MP10, MP20 & MP22 Patch Fitting			
	CP34	Cover Plate Set to suit MP34 Patch Fitting			
	CP40	Cover Plate Set to suit MP40 Patch Fitting			
	CP41	Cover Plate Set to suit MP41 Patch Fitting			
	CP61	Cover Plate Set to suit MP61 Patch Fitting			
	CP70	Cover Plate Set to suit MP70 Patch Fitting			
	CP100	Cover Plate Set to suit MP100 Bottom Patch Lock			
	CP200	Cover Plate Set to suit MP200 Centre Patch Lock			
	CP220	Cover Plate Set to suit MP220 Centre Lock Keeper			
	IS10	Insert and Screws to suit MP10 Patch Fitting			
	IS20	Insert and Screws to suit MP20 Patch Fitting			
	IS22	Insert and Screws to suit MP22 Patch Fitting			
	IS40	Insert and Screws to suit MP34, MP40 & MP41 Patch Fittings			
	IS70	Insert Stop to suit MP61 & MP70 Patch Fittings			

# FRAMELESS COMMERCIAL HARDWARE

## Architectural Door Pivots

Product	Code	Description	Price
 <p>Diagram showing a spider top transom pivot with dimensions: 86mm width and 97mm height. It features a 451 spider fitting.</p>	483	Spider Top Transom Pivot 316SSS	
 <p>Diagram showing a spider top door pivot with dimensions: 86mm width and 97mm height. It features a 451 spider fitting.</p>	452	Spider Top Door Pivot 316SSS	
 <p>Diagram showing a spider bottom door pivot with dimensions: 86mm width and 97mm height. It features a 451 spider fitting.</p>	451	Spider Bottom Door Pivot Fits to Floor Spring 316SSS	
 <p>Diagram showing a short top door pivot pole.</p>	652	Short Top Door Pivot Pole 316SSS	
 <p>Diagram showing a short bottom door pivot pole.</p>	651	Short Bottom Door Pivot Fits to Floor Spring 316SS	
	65S	Intermediate pivot pole section to join top and bottom pole pieces.	P.O.A

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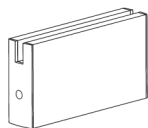
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## FRAMELESS COMMERCIAL HARDWARE

### Door Rails and Componentry


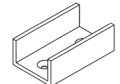

Specify 10mm or 12mm glass thickness

Product	Code	Description	Natural Silver Anodised	S/Steel Polished or Satin	Powder Coated
		Rails up to 1000mm length	Minimum charge 1 metre		
	MR10	Bottom Pivoting Rail Non locking			
	MR20*	Top Pivoting Rail Non locking			
	MR30	Bottom Pivoting Rail Locking			
	MR40*	Top Pivoting Rail Locking			
	MR50	Bottom Sliding Rail Non locking			
	MR60	Top Sliding Rail Non locking			
	MR70	Bottom Sliding Rail Locking			
	MR80	Side Panel Rail			
		*Extra for RTS85 Insert			
		Rails over 1000mm long Extra per 1mm			






See Rail Set Out Page 3.30

For locking rails specify cylinder type DC - Double Cylinders, SC - Single Cylinder, CT - Cylinder Turn

	MK590	Lockwood 590 Ground Keeper			
	MRG	Floor Guide for Sliding Rails Black nylon			
	MDG	Floor Guide for Glass Doors SCP Adjustable to suit glass from 8mm to 12mm			

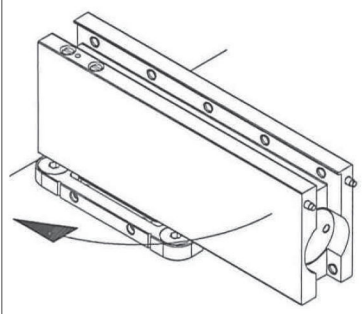
#### Lockwood 590 Cylinders

#### Satin Chrome

	MSC90	Single Cylinder includes screw pack			
	MTK90	Turn Knob includes screw pack			
	MER90	Escutcheon Rose			

# FRAMELESS COMMERCIAL HARDWARE

## Ozone Hydraulic Patch Fitting - Self Closing

Product	Code	Description	Finish
	FH-100-HO	Ozone Hydraulic Patch 90° Hold Open	304 SSS
	FH-100-NHO 316-SSS	Ozone Hydraulic Patch Non Hold Open Refer 5.3A Pool Gate Use	316 SSS

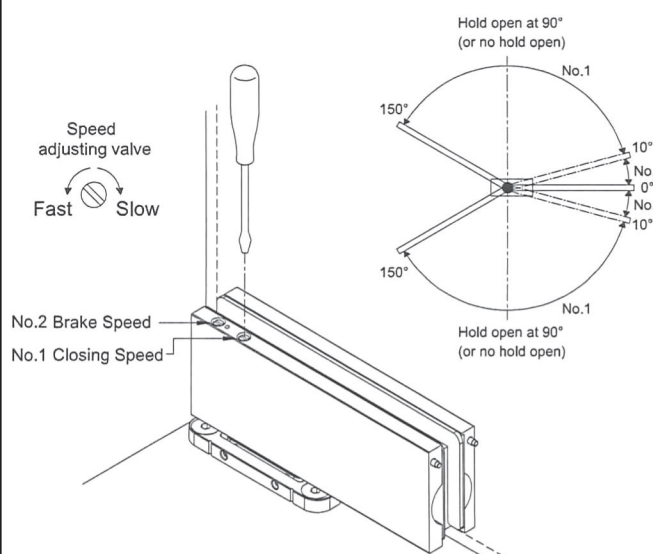
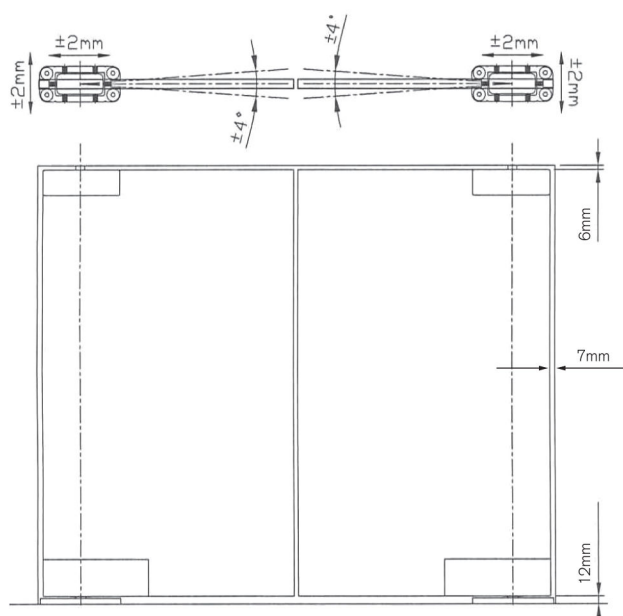
Self closing floor mounted patch fitting for internal Frameless Glass doors up to 1000mm wide.

Simple installation with four screw fixings into any floor. Adjustable base plate for easy alignment of the door in either direction shown in diagram below.

Suitable for single or double action doors. Used in conjunction with standard MP20 top patch fitting. Two speed closing adjustment as shown below.

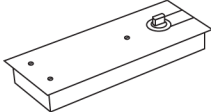
Suits toughened frameless glass doors from 8mm - 12mm thick with a maximum door weight of 100kg's.

### Adjust the Door position



## FRAMELESS COMMERCIAL HARDWARE

### Metro Floor Springs

Product	Code	Description	Price
		<b>Metro Floor Springs</b> Designed to be used with Metro patch fittings and door rails Supplied complete with foundation box, Stainless Steel cover plate and screw pack Floor box dimensions 307mm long x 108 wide x 40mm deep Maximum door width 1100mm Maximum door weight 100kg Floor clearance height for patch fittings 12mm	
		<b>Metro Floor Springs with Removable Spindles</b> Supplied with 5mm Extended Spindles	
	MFX840W-NHO	Weak Strength 15NM Non Hold Open	
	MFX840W-HO	Weak Strength 15NM Hold Open 90°	
	MFX840S-NHO	Standard Strength 25NM Non Hold Open	
	MFX840S-HO	Standard Strength 25NM Hold Open 90°	
		<b>Extended Spindles to suit M.F.X. Floor Springs</b> Extended by 5mm	
	MFX-5	Extended by 5mm	
	MFX-10	Extended by 10mm	
	MFX-15	Extended by 15mm	
	MFX-20	Extended by 20mm	
	MFX-25	Extended by 25mm	
		<b>Metro Floor Spring Components</b> M.F.X840 Body only	
	M.F.X.840-B	M.F.X840 Body only	
	M.F.840-FB	M.F.840 Floor box	
	M.F.840-CP	M.F.840 S/S Cover plate	
	M.F.840-SP	M.F.840 Screw pack	

See Metro Floor Spring Set out page 3.30

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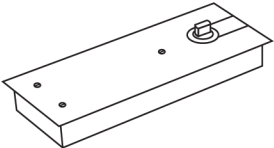
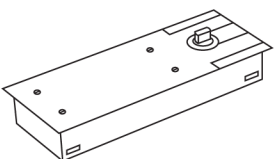
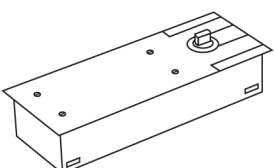
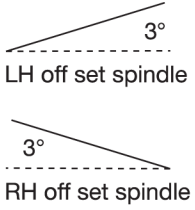
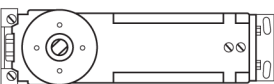
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## FRAMELESS COMMERCIAL HARDWARE

### Dorma Floor Springs and Accessories

Product	Code	Description	Price
	BTS84	<b>Dorma Floor Springs</b> Low Profile Floor Spring 40mm deep Complete with S/S cover and screw pack. Will carry doors up to 100kg. Max door width 1100mm.	
		25NM Standard Strength. Non Hold Open	
		25NM Standard Strength. Hold Open 90°	
		15NM Weak Strength. Non Hold Open	
		15NM Weak Strength. Hold Open 90°	
	BTS75	<b>Adjustable Strength Floor Spring</b> 50mm deep Complete with S/S cover plate and screw pack. Will carry doors up to 120kg. Max door width 1100mm.	
		15NM to 25NM Strength. Non Hold Open.	
		15NM to 25NM Strength. Hold Open 90°	
	BTS80	<b>Heavy Duty Floor Spring</b> 60mm deep Will carry doors up to 300kg. Max door width 1400mm. Selectable hold open and non hold open.	
		35NM Strength	
		53NM Strength	
		<b>Dorma Accessories</b> Extended Spindles to suit all BTS Floor Springs	
		Standard height. Offset 3° for Single Action LH or RH	
		Extended by 5mm, 7.5mm or 10mm	
		Extended by 15 to 50mm in 5mm increments	
		<b>BTS84 Components</b>	
		BTS84 Body only	
		BTS84 Floor Box only	
		BTS84 S/S Cover Plate	
		BTS84 Brass Cover Plate	
		BTS84 Screw Pack Brass or Stainless Steel	
	RTS85	<b>Overhead Transom Closer</b> with Silver Cover Plate Specify aluminium or woodfix coverplates	
		25NM Standard Strength Non Hold Open	
		25NM Standard Strength Hold Open 90°	

See Dorma Floor Spring &amp; Transom Closer Set out page 3.31, 3.32

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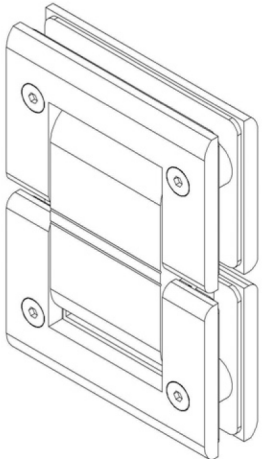
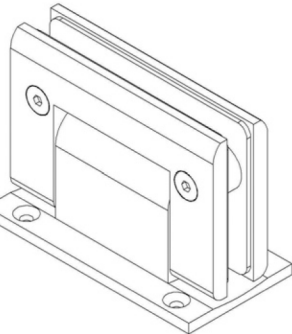
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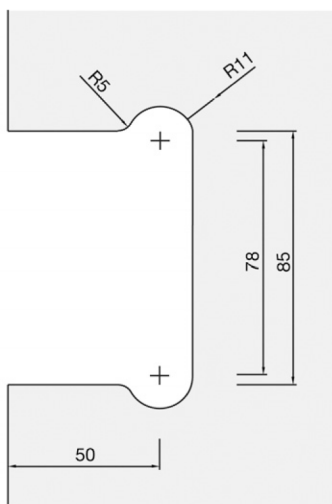
## Biloba Hydraulic Door Hinges

Product	Code	Description	Polished Chrome	Satin S/S Effect
	Double action hydraulic hinges with adjustable closing speed Suitable for internal doors up to 1000mm wide.			
	BHS180-S	Glass to Glass N.H.O SSS Effect Suit 10mm & 12mm glass		
	BHS180-C	Glass to Glass N.H.O Polished Chrome Suit 10mm & 12mm glass		
	BHS189-S	Glass to Glass 90°H.O SSS Effect Suit 10mm & 12mm glass		
	BHS189-C	Glass to Glass 90°H.O Polished Chrome Suit 10mm & 12mm glass Non stock item. Check lead time.		
Frameless door max weight 100kg = max width 1000mm Hinges are non handed				
	BHS90-S	Wall to Glass N.H.O SSS Effect Suit 10mm & 12mm glass		
	BHS90-C	Wall to Glass N.H.O Polished Chrome Suit 10mm & 12mm glass		
	BHS99-S	Wall to Glass 90°H.O SSS Effect Suit 10mm & 12mm glass		
	BHS99-C	Wall to Glass 90°H.O Polished Chrome Suit 10mm & 12mm glass Non stock item. Check lead time.		
	Suitable for Internal Doors up to 1000mm and 100kg.			

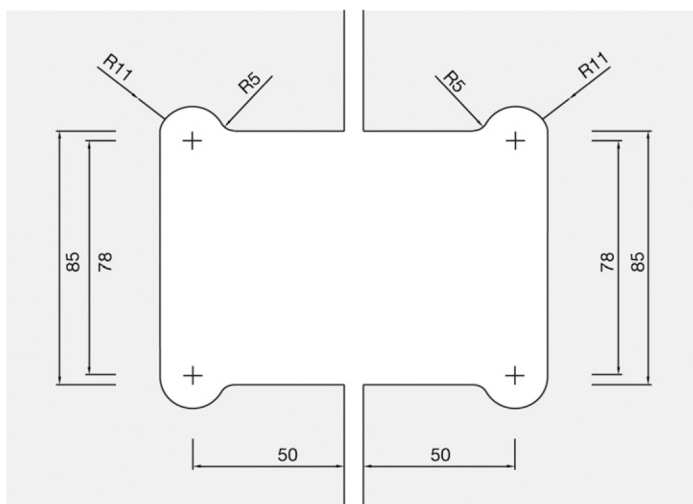
For Glass cut out and hinge details see page 3.9

# FRAMELESS COMMERCIAL HARDWARE

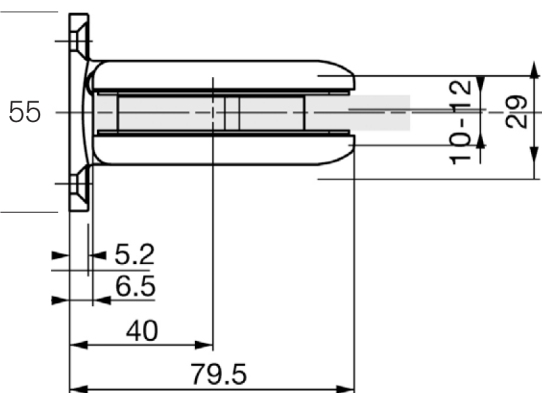
## Biloba Hydraulic Door Hinges : Cut Out & installation details



Wall to Glass Cut Out



Glass to Glass Cut Out



Wall to Glass hinge detail



Glass to Glass hinge detail

These self closing hydraulic door hinges are designed to close doors up to 1000mm wide and a 100kg in internal installations. They are suitable for double or single action applications and are available in (HO) Hold Open or (NHO) Non Hold Open. The hinges are available in both glass to glass and glass to frame/wall models and both models are Non Handed, meaning they can be hung on either side of the door opening.

Gaskets are provided so the glass door and side panels can be 10mm or 12mm toughened glass.

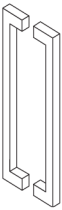

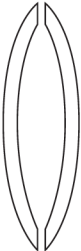
**Note:** Hinges are supplied with the control valves completely closed.

1. Once hinges have been installed open door to 60 - 70°.
2. Open the allen key valves on both hinges approximately half a turn each so the door begins to close.
3. Open or close both valves as required to obtain the desired closing speed, however do not loosen valves too much as this may cause an oil leak.
4. Take care to keep the valves of each hinge synchronized so they both close at equal speed.

See instructions supplied with hinges for full details.

## FRAMELESS COMMERCIAL HARDWARE

### Pull Handles

Product	Code	Description	Satin S/Steel
	SQD450	<b>Square D Pull Handle</b> 475mm x 25mm square profile handle 450mm C.T.C.	
	SQD600	600mm x 25mm square profile handle 600mm C.T.C. Hole centres 450mm x 600mm Hole diameters 12mm	
	RA450	<b>Rectangular D Pull Handle</b> 475mm x 50mm x 25mm handle 450mm C.T.C.	
	RA600	625mm x 50mm x 25mm handle 600mm C.T.C. Hole centres 450mm x 600mm Hole diameters 12mm	
	AR500	<b>Arch D Pull Pull Handle</b> 40mm wide elliptical section SSS 580mm overall handle 500mm C.T.C	
	AR750	830mm overall handle 750mm C.T.C Hole diameters 12mm	

## FRAMELESS COMMERCIAL HARDWARE

### Pull Handles

Product	Code	Description	Satin S/Steel	Polished S/Steel
		<b>D Pull Handle</b>		
	MD300	300mm x 32mm diameter		
	MD500	500mm x 32mm diameter		
	MD600	600mm x 32mm diameter Hole centres 300, 500, 600mm Hole diameters 14mm		
		<b>Fineline Pull Handle</b>		
	MF600	600mm x 25mm diameter Hole centres 400mm Hole diameters 14mm		
	MF900	900mm x 25mm diameter Hole centres 700mm Hole diameters 14mm		
	MO300	<b>Offset D Handle</b> 300mm x 32mm diameter Hole centres 300mm Hole diameters 14mm		
	MC300	<b>Half Circle Handle</b> 300mm x 32mm diameter Hole centres 300mm Hole diameters 14mm		
	MB450	<b>Bow Handle</b> 450mm x 32mm diameter Hole centres 450mm Hole diameters 14mm		

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## FRAMELESS COMMERCIAL HARDWARE

### Pull Handles

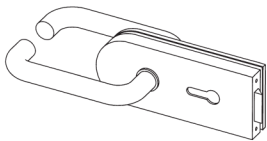
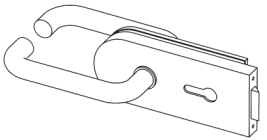
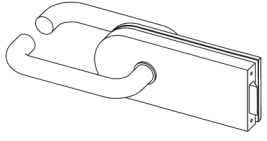
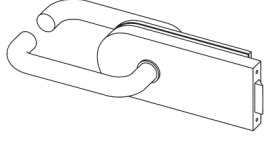
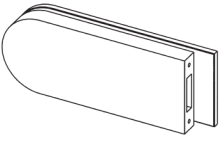

Product	Code	Description	Stain S/Steel
		<b>Squareline Pull Handle</b>	
	SQ25-600	600mm x 25mm Square profile Hole centres 425mm Hole diameters 12mm	
	SQ600	600mm x 30mm Square profile Hole centres 400mm Hole diameters 14mm	
	SQ1000	1000mm x 30mm Square profile Hole centres 800mm Hole diameters 14mm	
	IP750	<b>Icon - Pull Handles</b>  750mm x 25mm diameter  Hole centres 500mm centres Hole diameters 14mm	
	IP1250	<b>Icon - Pull Handles</b>  1250mm x 25mm diameter  Three holes at 500mm centres Hole diameters 14mm	
	IP1750	<b>Icon - Pull Handles</b>  1750mm x 25mm diameter  Four holes at 500mm centres Hole diameters 14mm	

NOTE: 10 days leadtime on all handles on this page. Custom length handles available on request.

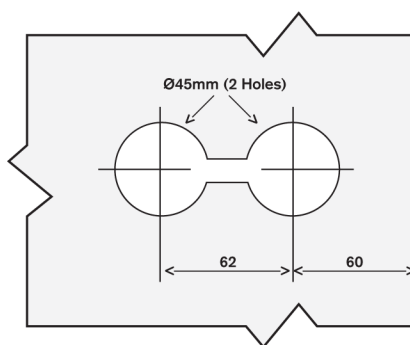
# FRAMELESS COMMERCIAL HARDWARE

## Lever Locks and Latch Sets

Specify 10mm or 12mm glass thickness

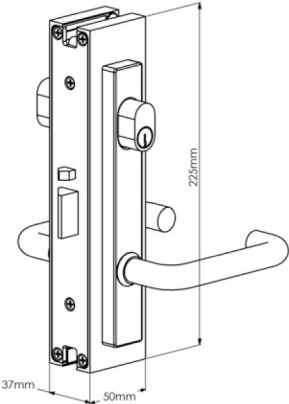
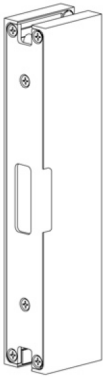
Product	Code	Description	Polished or Satin S/Steel
	LLJ-01	Lever Lockset with cylinder  Locking to timber or aluminium jamb	
	LLG-02	Lever Lockset  Locking to glass sidelight	
	LLJ-03	Lever Latchset  Latching to timber or aluminium jamb	
	LLG-04	Lever Latchset  Latching to glass sidelight	
	LSG-08	Strike Box for glass sidelight	
	LSJ-09	Strike Plate for aluminium or timber jambs	

GLASS PREPARATION DRAWING

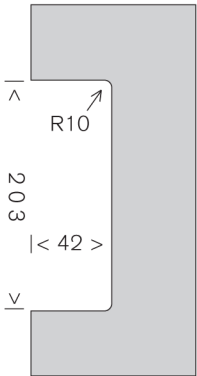


# FRAMELESS COMMERCIAL HARDWARE





## Heavy Duty Lever Lock

Product	Code	Description	Price
	MF995	<p><b>Security Lockset</b> suitable for internal and external applications</p> <p>Can be master keyed            Complete with strike for timber or Alum jambs            Finish satin silver            When ordering specify:            Glass door thickness            Locking options: cylinder/turn, cylinder/cylinder            Door Handing - see detail.</p>	
	MS995	<p><b>Strike Patch</b> for sidelight applications</p> <p>Finish natural anodised            Specify: Glass sidelight thickness            Door Handing - see detail.</p>	

Glass Preparation  
 MF995 Lockset  
 MS995 Strike



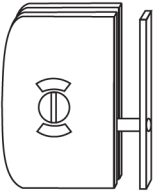
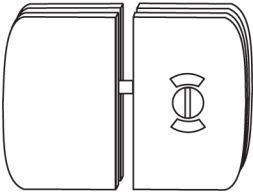
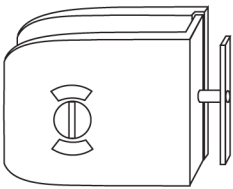
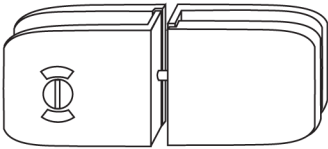
To specify handing of door state RH or LH and direction of opening eg. in or out  
 See handing guide below.

RIGHT HAND DOOR		LEFT HAND DOOR	
RH - In OPENING IN	RH - Out OPENING OUT	LH - In OPENING IN	LH - Out OPENING OUT
			
OUTSIDE	OUTSIDE	OUTSIDE	OUTSIDE

FRAMELESS COMMERCIAL HARDWARE

Glass Door Indicator Locks for Swing Doors

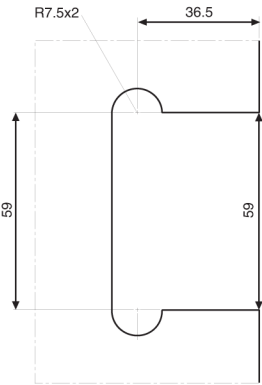
For Toilet and Bathroom Doors. To suit 8mm and 10mm glass.

Product	Code	Description	Polished Chrome	Satin Chrome
	IL700C	Indicator Lock Door to Wall (Glass Cut Out Required)		
	IL701C	Indicator Lock Door to Sidepanel (Glass Cut Outs Required)		
	IL600C	Indicator Lock Door to Wall (No Glass Cut Out Required)		
	IL601C	Indicator Lock Door to Sidepanel (No Glass Cut Outs Required)		

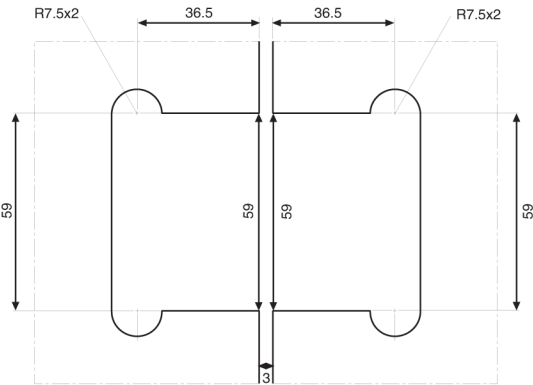
IL-700C

IL-701C

GLASS  
PREPARATION



Lock



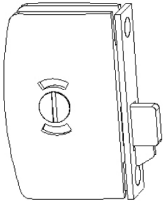
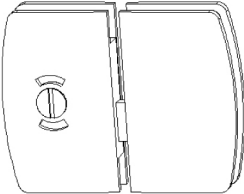
Lock

Keeper

# FRAMELESS GLASS COMMERCIAL HARDWARE

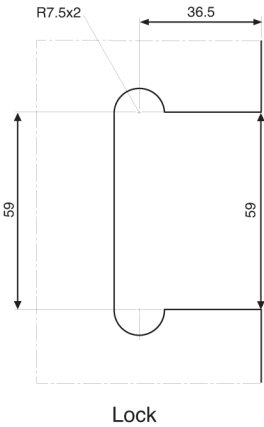
## Glass Door Indicator Locks for Sliding Doors

For Toilet and Bathroom Doors. To suit 8mm and 10mm glass.

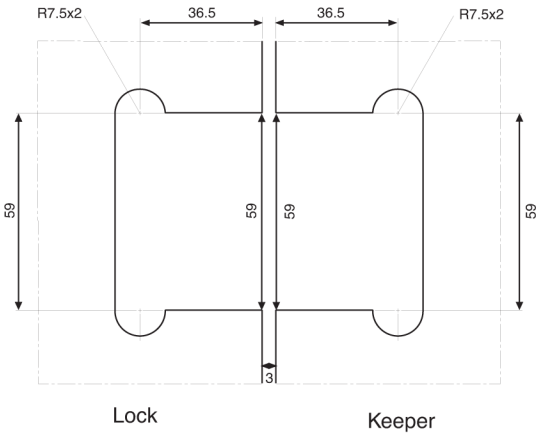
Product	Code	Description	Satin Chrome
	IL700C-H	Indicator Hook Lock Door to Wall <i>(Glass Cut Out Required)</i>	
	IL701C-H	Indicator Hook Lock Door to Sidepanel <i>(Glass Cut Outs Required)</i>	

IL700C-H

GLASS  
PREPARATION



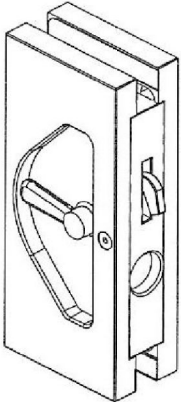
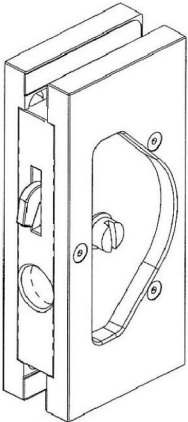
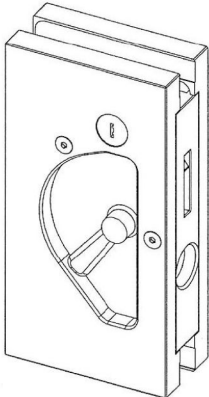
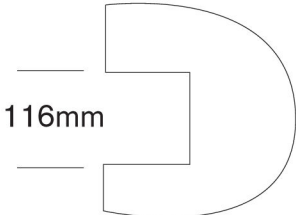
IL701C-H



# FRAMELESS COMMERCIAL HARDWARE




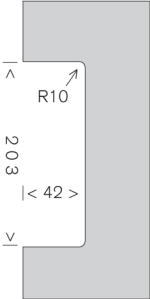
## Sliding Door Locks and Latches

To suit 10mm glass. Natural Silver Anodised

Product	Code	Description	Price
	MSL-1	Sliding Door Latch Set Specify 8mm or 10mm Glass Finish satin silver	
	MSL-2	Sliding Door Privacy Latch Set Specify 8mm or 10mm Glass Finish satin silver	
	MSL-3	Sliding Door and Latch Set Specify 8mm or 10mm Glass Finish satin silver	
<div> <div> Glass Preparation MSL-1, MSL-2, MSL3 </div> <div>  <div>116mm</div> </div> </div>			
			52

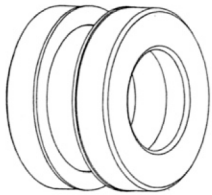
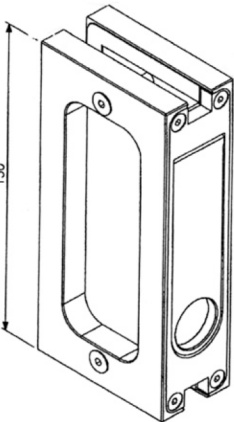
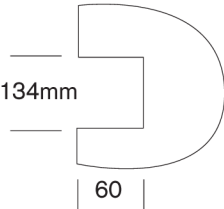
FRAMELESS COMMERCIAL HARDWARE

Heavy Duty Sliding Door Lock

Product	Code	Description	Price
	MS590	Sliding Door deadlock Suitable for internal or external applications Can be master keyed Finish satin silver When ordering specify glass door thickness 10mm or 12mm Locking options Cylinder/Turn, Cylinder/Cylinder	
	MJ590	Jamb Fix Strike for MS590 Lock Finish satin silver	
	MG590	Glass Mount Strike Box For MS590 Lock Finish satin silver Specify glass thickness 10mm or 12mm	
		Glass Preparation MS590 Deadlock MG590 Strike Box	

# FRAMELESS COMMERCIAL HARDWARE

## Sliding Door Finger Pull

Product	Code	Description	Price
	FP50	<b>Sliding Door Finger</b> Pull 50mm Dia Finish SSS Specify glass thickness 10mm or 12mm Glass cut out, 40mm Dia hole	
	FP150	<b>Sliding Door Flush</b> Handle with Ring Pull for cavity installation 150mm x 70mm x36mm Finish SSS Specify glass thickness 10mm or 12mm	
		<b>Cut Out Detail</b> 	

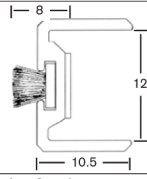
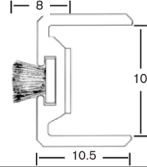
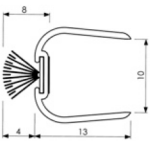
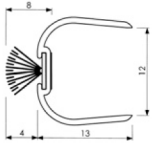
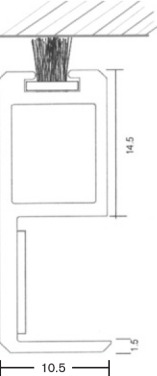
## Decal Vision Disc's

Product	Code	Description	Price
	D.D.30	Decal disc's are UV glued to glass to act as a vision strip  <b>Stainless Steel decal disc</b> 30mm diameter satin finish	
	DS 25	<b>Stainless Steel decal square</b> 25mm x 25mm diameter satin finish	

# FRAMELESS COMMERCIAL HARDWARE

## Door Seals and Components

Prices per length

Product	Code	Description	Silver Anodised Per Length
	DS180-12	Anodised Aluminium Section with polypropylene grey pile Includes double sided adhesive foam tape. For 12mm thick glass. Length 3000mm	
	DS180-10	Anodised Aluminium Section with polypropylene greypile Includes double sided adhesive foam tape. For 10mm thick glass. Length 3000mm	
			Clear Poly Per Length
	RP103	Clear Polycarbonate Section with black polypropylene pile For 10mm thick glass. Length 3000mm	
	RP104	Clear Polycarbonate Section with polypropylene pile For 12mm thick glass. Length 3000mm	
	DSS90	Sliding Door 90° Seal Anodised Aluminium Section with polypropylene grey pile. Includes double sided adhesive tape. Seal fitted to back edge of door to create seal back to side panel or wall. Profiles match DS180 seals. When ordering specify dimension 'Y'. <b>See page 3.21 selection chart</b>	Silver Anodised Per Length
	DSS90-12-Y	To suit 12mm glass 3000mm length	
	DSS90-10-Y	To suit 10mm glass 3000mm length	

## FRAMELESS COMMERCIAL HARDWARE

This 90° Door Seal provides a seal between Frameless Glass Sliding door panels and sidelights or walls.

### Selection Chart:

**X = Glass thickness 10mm or 12mm**  
**Y = Wool pile (just touches side panel)**

#### For 10mm thick glass

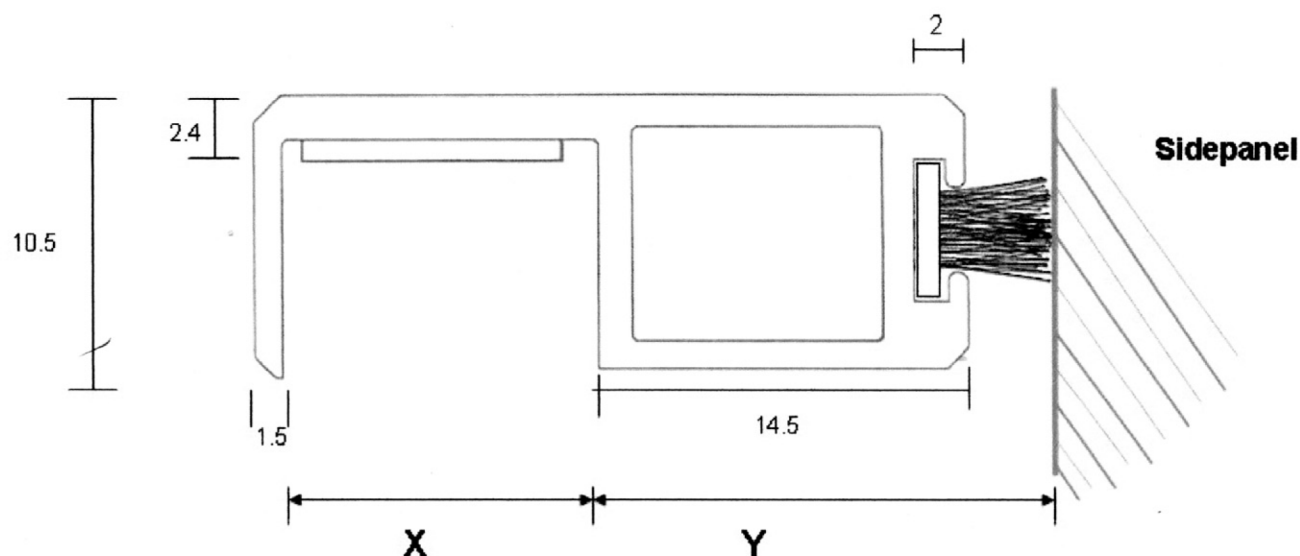
**X = 10mm**      Y = 18mm Order DSS90-10-18  
Y = 20mm Order DSS90-10-20  
Y = 23mm Order DSS90-10-23  
Y = 26mm Order DSS90-10-26  
Y = 28mm Order DSS90-10-28  
Y = 32mm Order DSS90-10-32

#### For 12mm thick glass

**X = 12mm**      Y = 18mm Order DSS90-12-18  
Y = 20mm Order DSS90-12-20  
Y = 23mm Order DSS90-12-23  
Y = 26mm Order DSS90-12-26  
Y = 28mm Order DSS90-12-28  
Y = 32mm Order DSS90-12-32

### Features:

- Suitable for Manual or Automatic Doors
- Slim profile
- Will reduce draughts
- Will assist with noise reduction
- Available for 10mm or 12mm thick glass
- Self adhesive
- Silver Anodised Finish with Grey woolpile
- Profile designed to match DS180 edge seal
- Available with different woolpile lengths
- Supplied in 3000mm lengths



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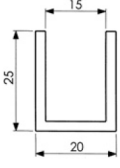

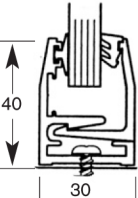
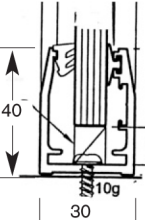

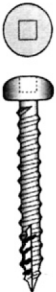
Phone 09 526 4094 Fax 09526 4241

Website www.platinumhg.co.nz

## FRAMELESS COMMERCIAL HARDWARE

### Channel Sections

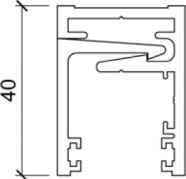
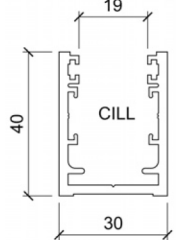
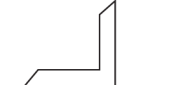


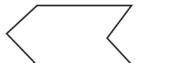


All prices per metre

Product	Code	Description	Natural Silver Anodised	Mill Finish	Bright Silver Anodised
	CS25	Channel Section 25 x 20mm Stock length 5000mm Cut lengths Bright Silver 2500mm only			
	CS40	Channel Section 40 x 20mm Stock length 5000mm Cut lengths Bright Silver 2500mm only			
	TC243	Two piece Channel Section 40 x 30mm Tapered Profile Stock length 5000mm only			N/A
	TC143	One piece Channel to match Tapered Profile CS243 40 x 30mm Stock length 5000mm only			N/A
Price - each					
	B12-10	Setting Block Santoprene 15mm x 17mm x 50mm			
	PAN25 PAN55 PAN50	25mm x 10g Pan Screws Square Drive 304SS 35mm x 10g Pan Screws Square Drive 304SS 50mm x 10g Pan Screws Square Drive 304SS			
Channels available in Powder coat finishes					P.O.A

## FRAMELESS COMMERCIAL HARDWARE

### Channel Section

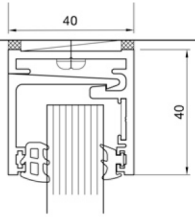
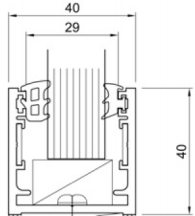






For heavy weight toughened and laminated glass 10mm to 15mm.  
Anodised to 20 microns. Available in stock lengths only.

Product	Code	Description	Natural Silver Anodised	Mill Finish
			Price per metre	
	CS234	Two piece Channel Section 40mm x 30mm Stock length 5000mm only		
	CS134	One piece Channel Section 40mm x 30mm Stock length 5000mm only		
	44-01	Universal Side jointer 90 degree vertical Mitre corner 40 x 40 x 1.0 Stainless		
	44-03	Universal Side jointer 180 degree Straight Jointer SS 50 x 13		
	34-04	Base jointer 180 degree Straight Jointer 70 x 25		
	34-05	Base fix mitre 90° corner		
	34-EC	Channel end cap 40 x 30		
	34-FC	Fin end cap when channel is used to carry Fins		

## FRAMELESS COMMERCIAL HARDWARE

### Channel Section

For heavy weight toughened glass & double glazed units from 18mm to 25mm.  
 Anodised to 20 microns. Available in stock lengths only.

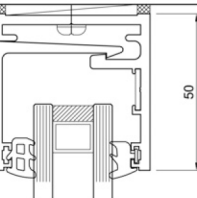
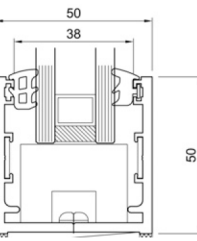





Product	Code	Description	Natural Silver Anodised	Mill Finish
			Price per metre	
	CS244	Two piece Channel Section 40mm x 40mm Stock length 5000mm only		
	CS144	One piece Channel Section 40mm x 40mm Stock length 5000mm only		
	44-01	Universal Side jointer 90 degree vertical Mitre corner 40 x 40 x 1.0 Stainless		
	44-03	Universal Side jointer 180 degree 50 x 13 x 1.0 Stainless		
	44-04	Base jointer 180 degree Horizontal 70 x 34 x 2.0 Alum		
	44-05	Base fix mitre corner horizontal 35 x 35 x 2.0 Alum		
	44-EC	Channel end cap 40 x 40		
	44-FC	Fin end cap when channel is used to carry Fins		

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 Phone 09 526 4094 Fax 09526 4241  
 Website [www.platinumhg.co.nz](http://www.platinumhg.co.nz)

## FRAMELESS COMMERCIAL HARDWARE

### Channel Section

For double glazed units from 27mm to 34mm.  
 Anodised to 20 microns. Available in stock lengths only.











Product	Code	Description	Natural Silver Anodised	Mill Finish
			Price per metre	
	CS255	Two piece Channel Section 50mm x 50mm Stock length 5000mm only		
	CS155	One piece Channel Section 50mm x 50mm Stock length 5000mm only		
	44-01	Universal Side jointer 90 degree vertical Mitre corner 40 x 40 x 1.0 Stainless		
	44-03	Universal Side jointer 180 degree 50 x 13 x 1.0 Stainless		
	55-04	Base jointer 180 degree Horizontal 70 x 43 x 2.0 Alum		
	55-05	Base fix mitre corner horizontal 50 x 50 x 2.0 Alum		
	55-EC	Channel end cap 50 x 50		

## FRAMELESS COMMERCIAL HARDWARE

### Glazing Backing Seal & Wedges

Product	Code	Description	Price Per Metre
	9272	<b>Backing Seal</b> Santoprene 2mm Compressed	
	9275	Santoprene 4mm Compressed	

### Reference for Dynex P.V.C and Santoprene Wedge

Seals Shown Approx Full Size	P.V.C Code	Colour Stripe	Coil Length	Compressed Size mm	Santoprene Code
	40470	Black	150m	7.0	90470
	40460	Brown	150m	6.0	90460
	40455	Green	150m	5.5	90455
	40450	White	200m	5.0	90450
	40445	Yellow	250m	4.5	90445
	40440	Orange	250m	4.0	90440
	40435	Red	250m	3.5	90435
	40430	Purple	250m	3.0	90430
	40425	Blue	400m	2.5	90425
	40420	Grey	400m	2.0	-

## FRAMELESS COMMERCIAL HARDWARE

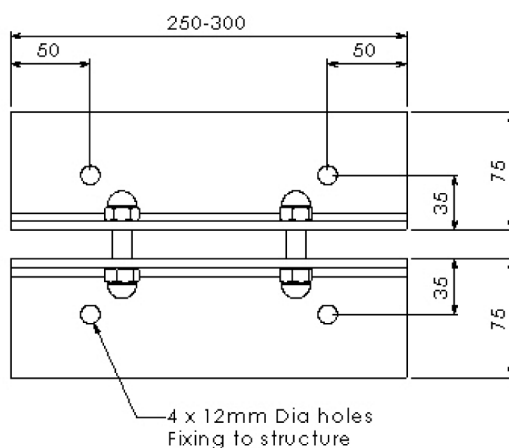
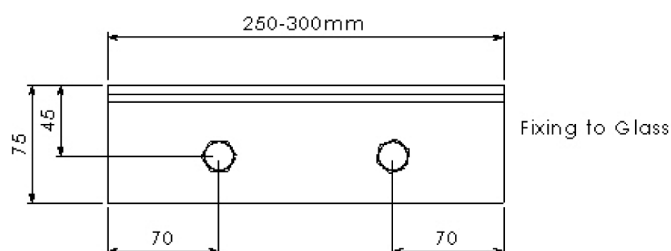
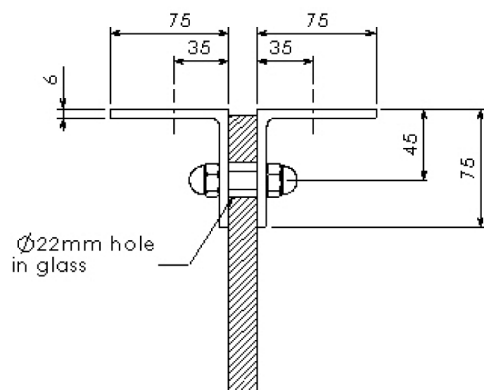
### Packers & Setting Block

Prices per length

Product	Code	Description	Each
	SP1	Silicone Spatula	
	PP1.5	Plastic Packers 1.5mm blue	
	PP2	Plastic Packers 2mm red	
	PP3	Plastic Packers 3mm orange	
	PP4	Plastic Packers 4mm green	
	PP5	Plastic Packers 5mm grey	
	PP6	Plastic Packers 6mm black	
	PP10	Plastic Packers 10mm brown	
	B12-10	Setting Block Santoprene 15mm x 17mm x 50mm	

# FRAMELESS COMMERCIAL HARDWARE

## Stainless Fin Brackets



Code	Description	Prices
FB-250	Fin Bracket Set to support 250mm Fin 250 x 75 x 75 x 6 Specify Glass thickness SSS	
FB-300	Fin Bracket Set to support 300mm Fin 300 x 75 x 75 x 6 Specify Glass thickness SSS	
FB-SP	Special length Fin bracket 75 x 75 x 6 Specify Glass thickness SSS	P.O.A.

# FRAMELESS COMMERCIAL HARDWARE

## Patch Fitting Application Guide

### Fin Requirements

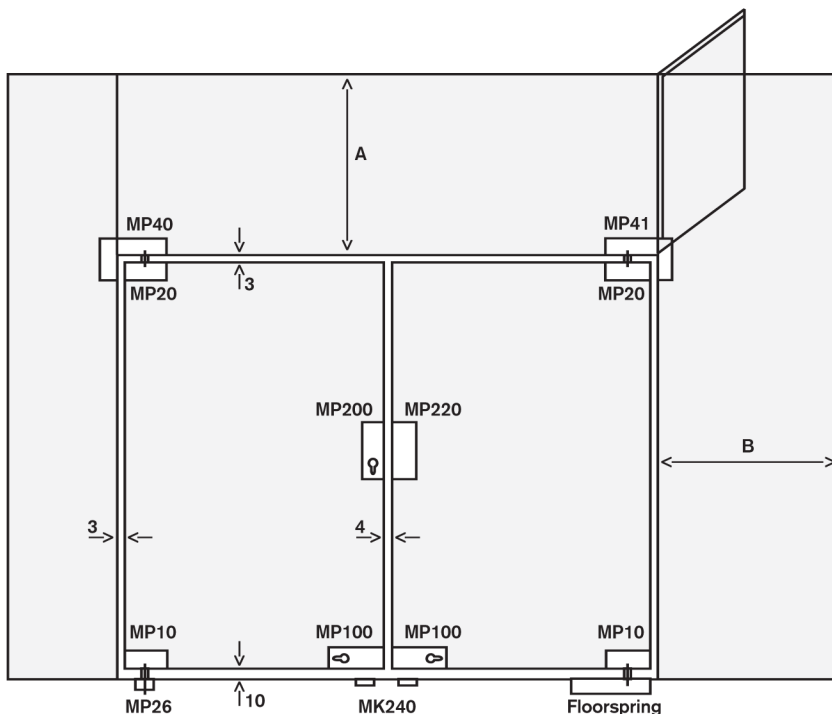
#### For 10mm glass

As a guide, when the height of the overpanel (A) plus the width of the side panel (B) exceeds a total of 1200mm a support fin is required. A fin is not necessary if either A or B are less than 400mm.

#### For 12mm glass

As a guide, when the height of the overpanel (A) plus the width of the side panel (B) exceeds a total of 1500mm a support fin is required. A fin is not necessary if either A or B are less than 500mm.

Fins are required to stiffen an assembly from the door action and windloads.



### Doors

#### Maximum recommended sizes

##### For 10mm glass

Doors with patch fittings 2400h x 1000w

Doors with door rails 2500h x 1100w

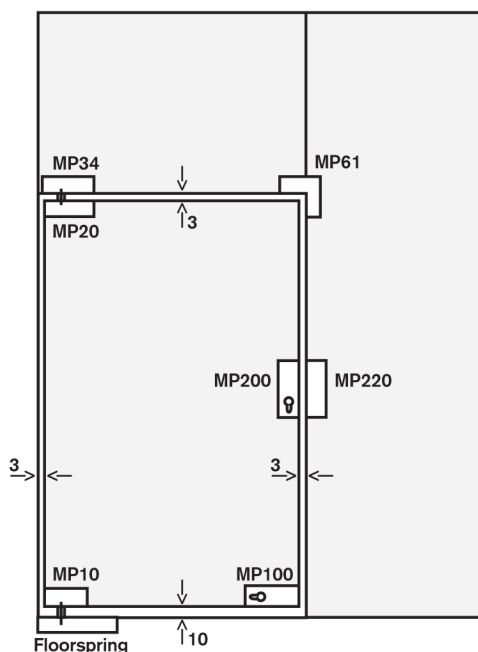
##### For 12mm glass

Doors with patch fittings 2700h x 1100w

Doors with door rails 2700h x 1200w

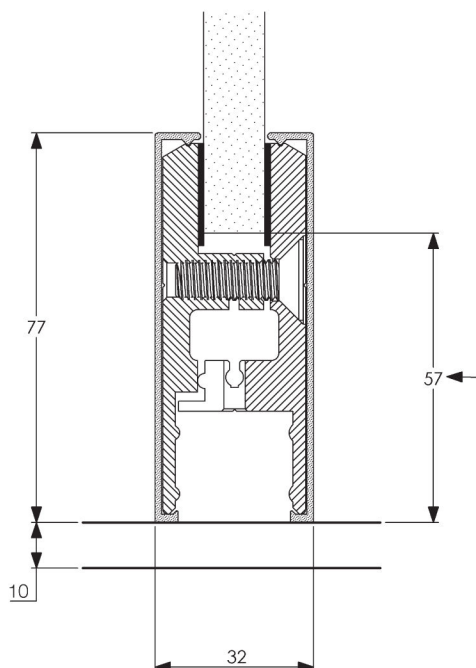
#### Door Clearances

Recommended clearances are as detailed on drawings



## FRAMELESS COMMERCIAL HARDWARE

### Metro Door Rail Installation Details



Dimensions and deductions for rail are the same for top and bottom rails.

Deduction for rail is 57mm

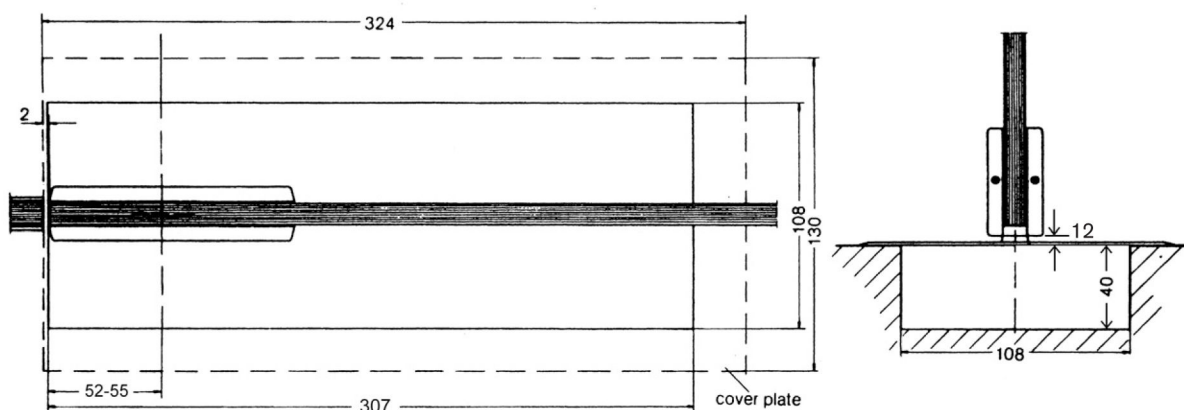
Typical floor clearance for door 10mm

Typical head clearance for door 3mm

Rail length is equal to door width or sidelight width.

### Metro Floor Spring Installation Details

#### MFx840 Floor Spring

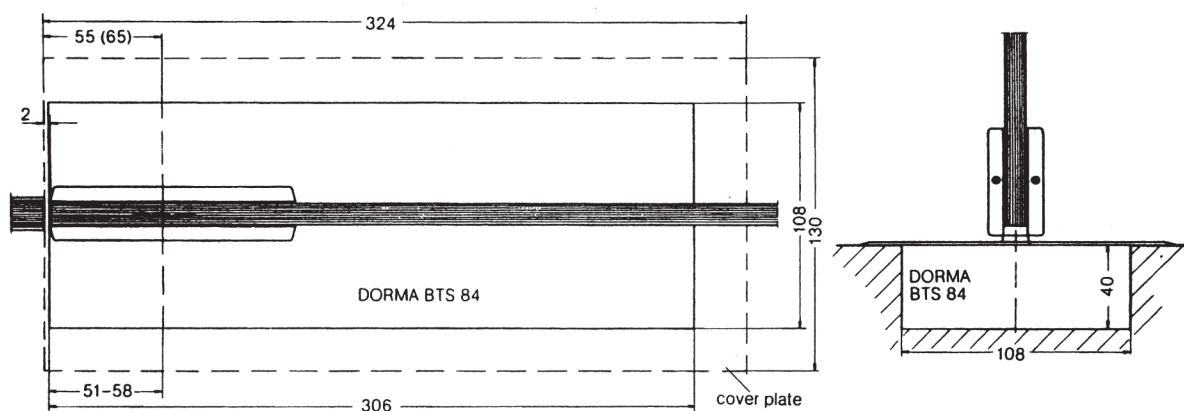


Floor box dimensions 307mm long x 108mm wide x 40mm deep

# FRAMELESS COMMERCIAL HARDWARE

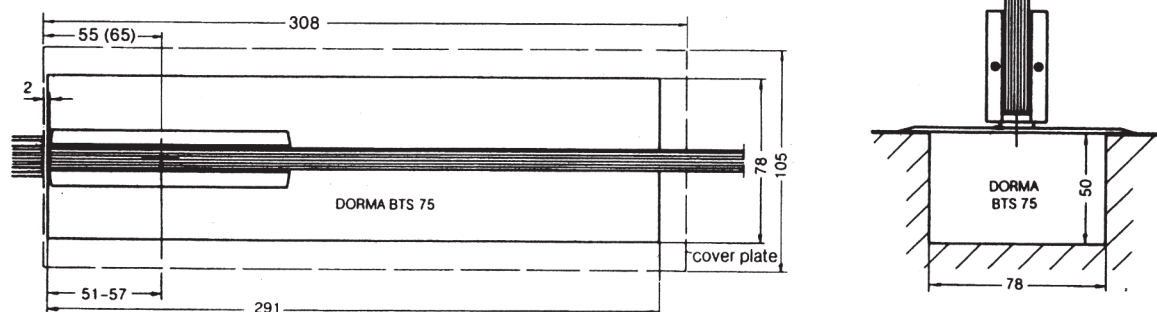
## Floor Spring Installation Details

### Dorma BTS84 Floor Spring



**Floor Box Dimensions** 306mm long x 108mm wide x 40mm deep

### Dorma BTS75V Floor Spring



**Floor Box Dimensions** 285mm long x 78mm wide x 50mm deep

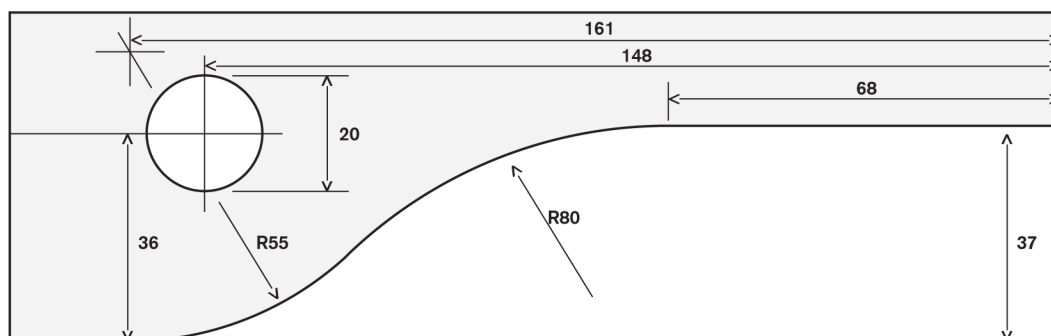
**Website** [www.platinumhg.co.nz](http://www.platinumhg.co.nz)

Depth 39mm minimum

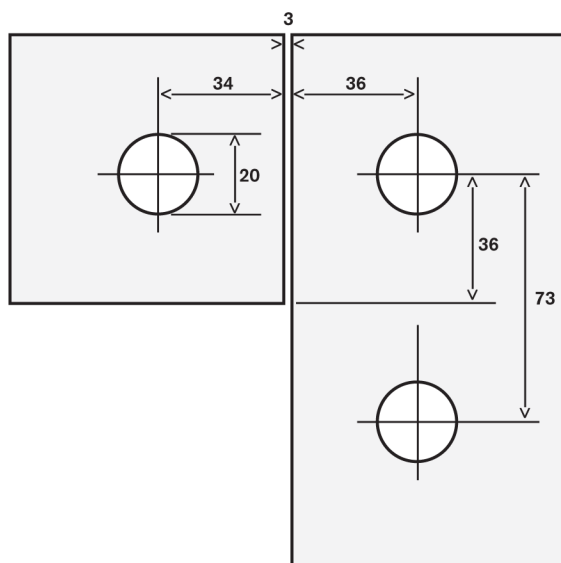
# FRAMELESS COMMERCIAL HARDWARE

## Patch Fitting Glass Preparation Drawings

### Glass Cut Out detail for MP10, MP20, MP22 and MP34\*



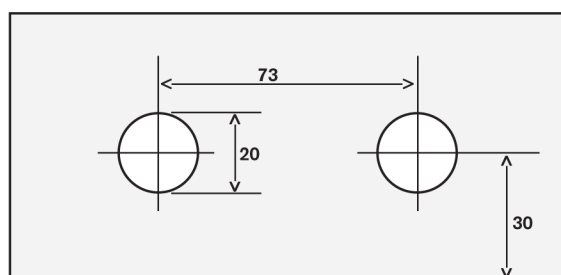
### Glass Cut Out detail for MP61



### \*Important Note

Sizes 161, 148 and 68 are based on 3mm clearance between the overpanel and the vertical wall/mullion. Therefore if the overpanel is to fix into a recessed or wall mounted channel then these sizes must be adjusted to suit.

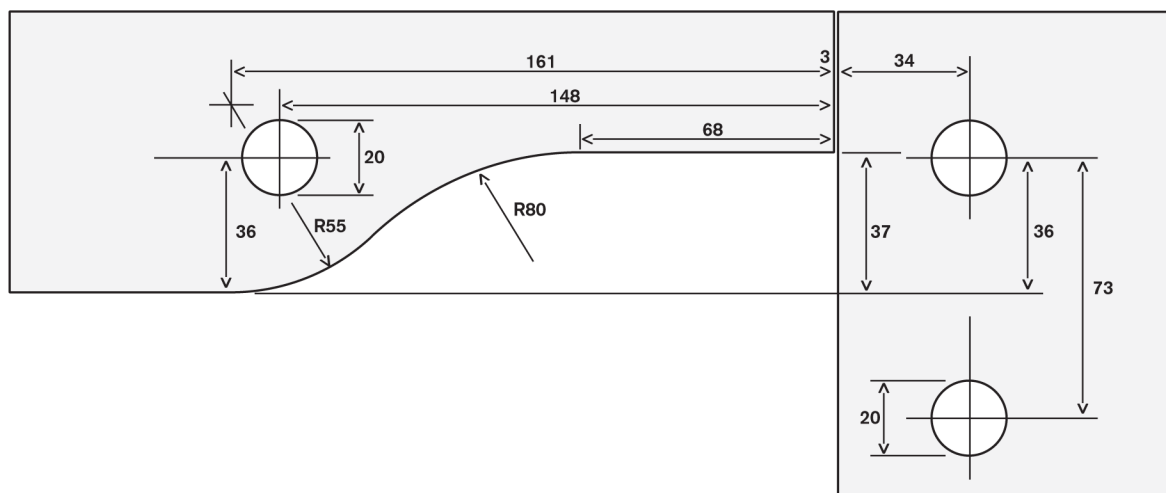
### Glass Cut Out detail for MP70



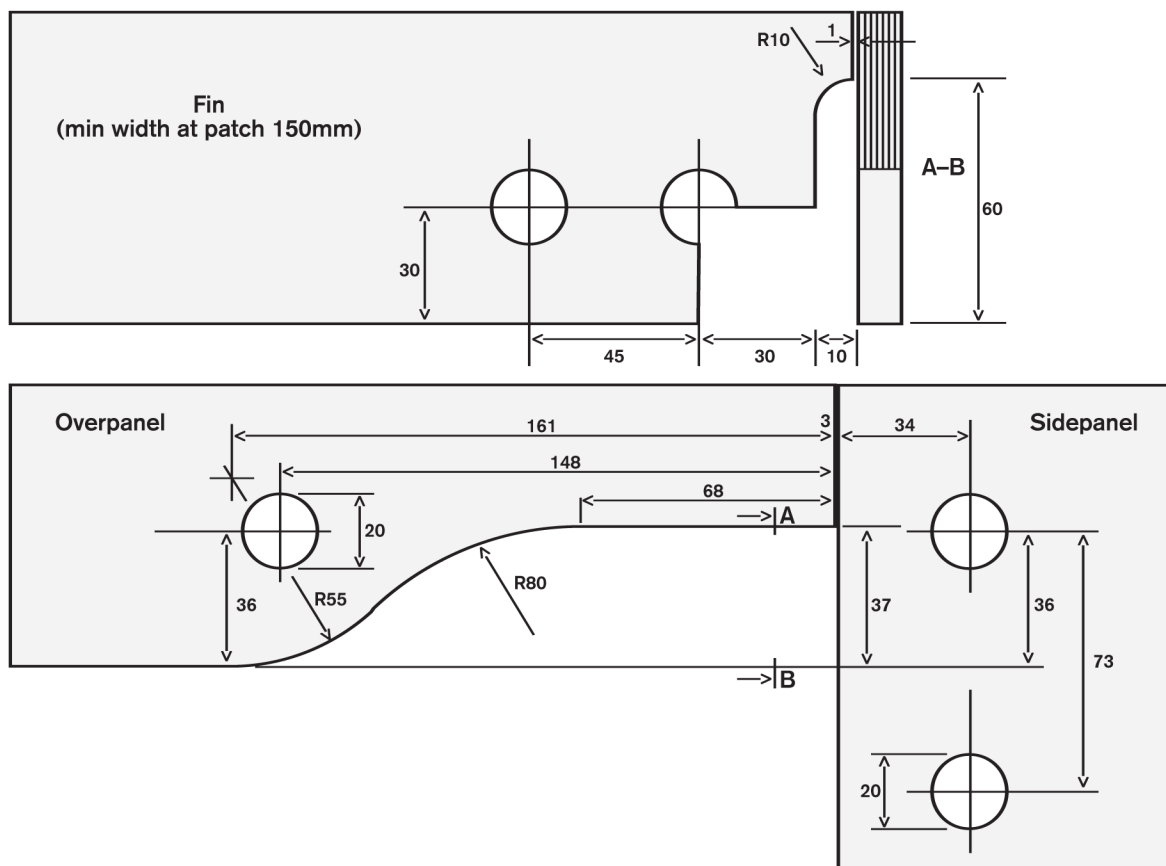
# FRAMELESS COMMERCIAL HARDWARE

## Patch Fitting Glass Preparation Drawings

### Glass Cut Out detail for MP40



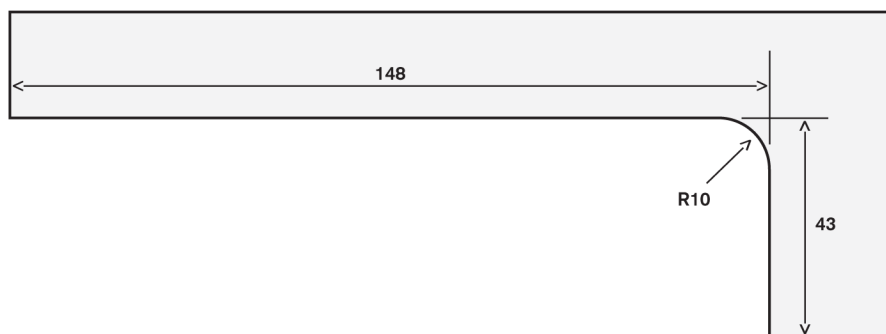
### Glass Cut Out detail for MP41



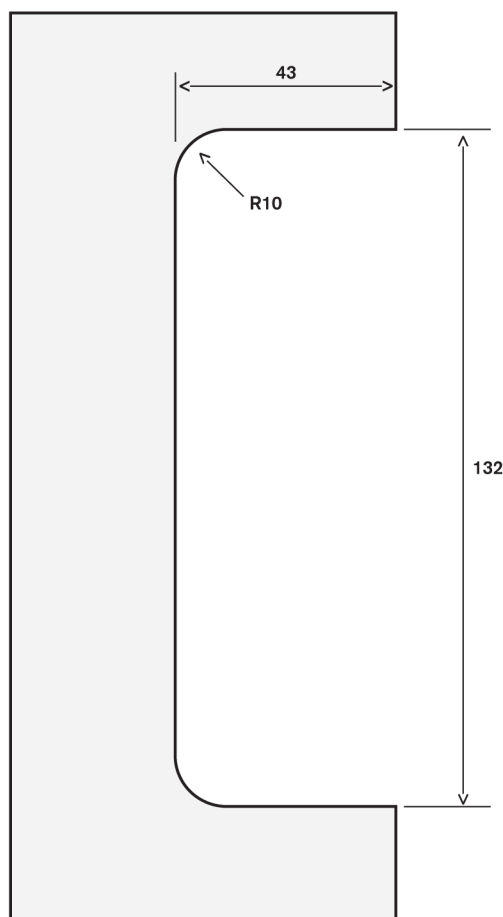
# FRAMELESS COMMERCIAL HARDWARE

## Patch Lock Glass Preparation Drawings

### Glass Cut Out detail for MP100



### Glass Cut Out detail for MP200 and MP220 Keeper



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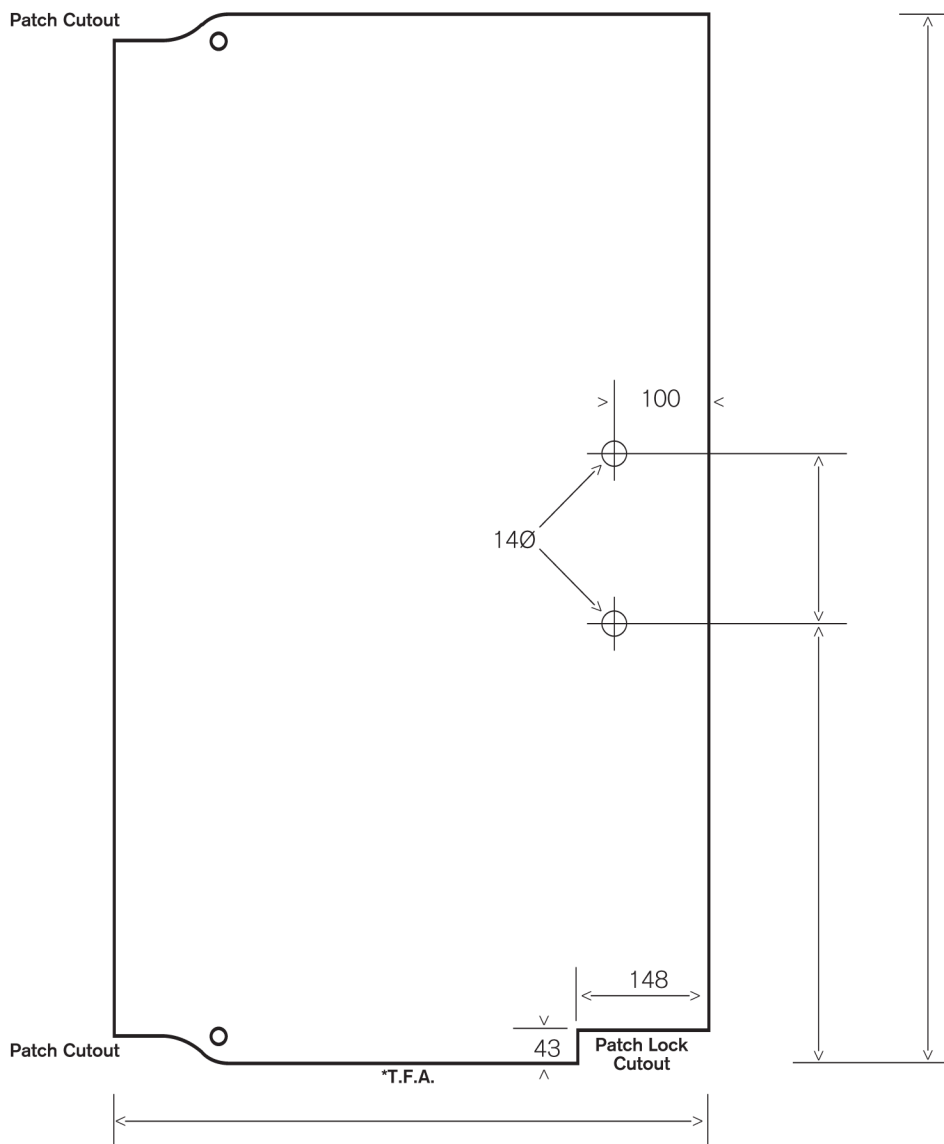
# GLASS TEMPLATE - DOOR PANEL BOTTOM LOCKING

## Patch Fittings - MP10, MP20, MP100

Glass 10mm/12mm Clear Toughened

Flat polish all edges

T.F.A. stamp on bottom edge as shown\*



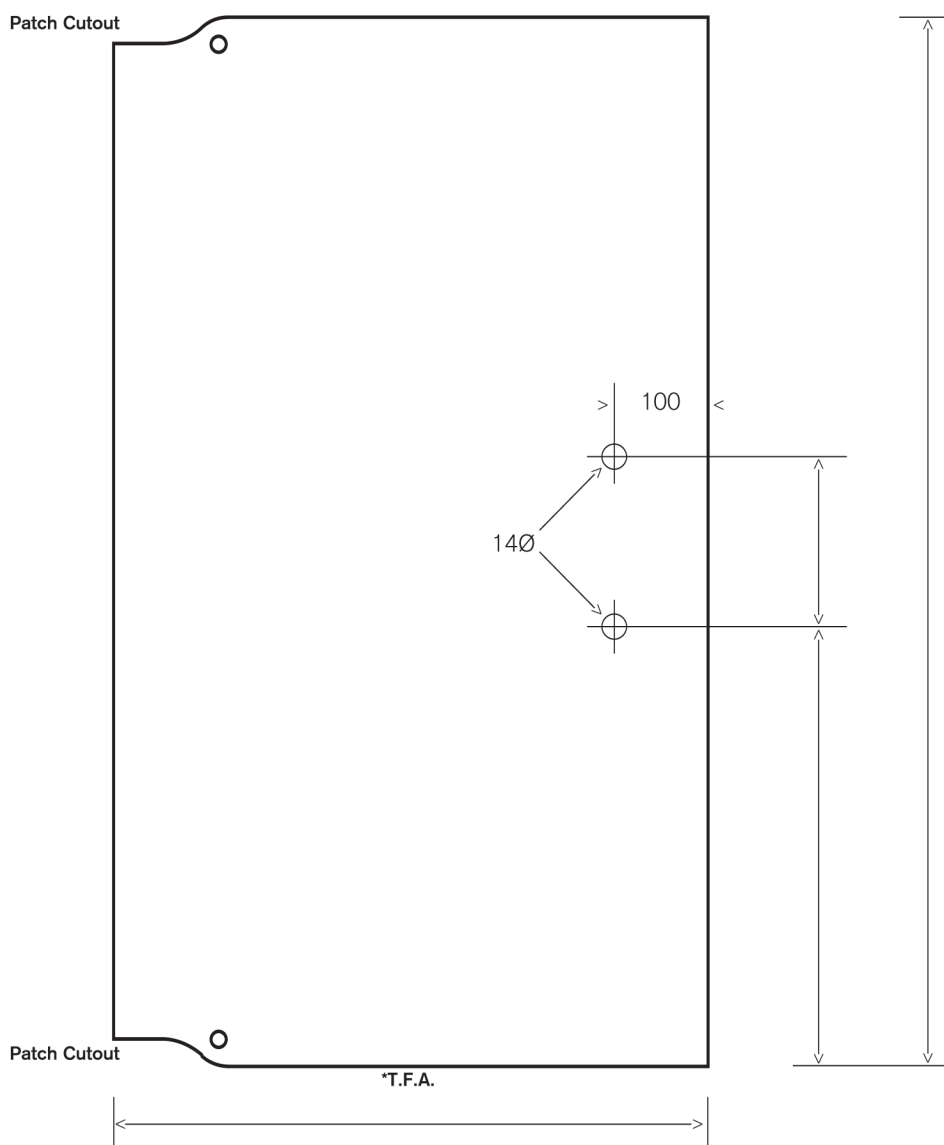
## GLASS TEMPLATE - DOOR PANEL NON-LOCKING

### Patch Fittings - MP10, MP20

Glass 10mm/12mm Clear Toughened

Flat polish all edges

T.F.A. stamp on bottom edge as shown\*



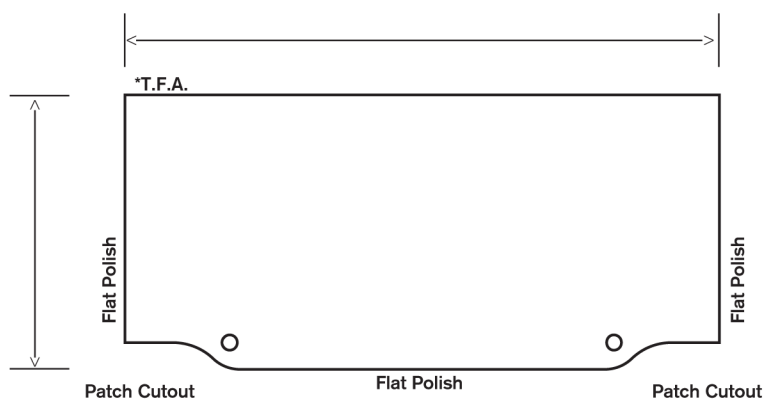
## GLASS TEMPLATE - OVERLIGHT PANEL BETWEEN SIDE LIGHTS

### Patch Fittings - MP40, MP41

Glass 10mm/12mm Clear Toughened

Flat polish 2 x short, 1 x long edge

T.F.A. stamp on top arrised edge as shown\*



## GLASS TEMPLATE - SIDE LIGHT FOR OVER LIGHTS

### Patch Fittings - MP40, MP41

Glass 10mm/12mm Clear Toughened

Flat polish 1 x long edge. (Note: flat polish second long edge if butt jointing to another panel)

T.F.A. stamp on bottom arrised edge as shown\*

