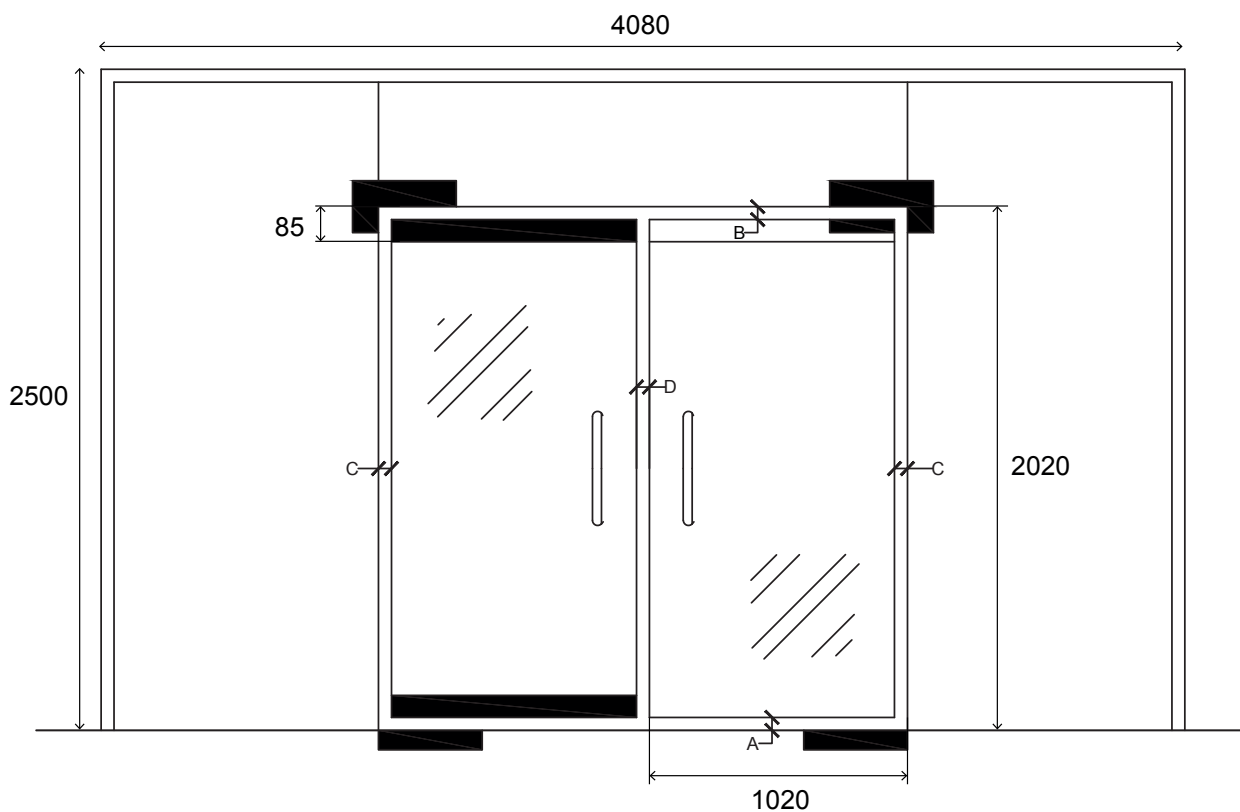


## Clearances

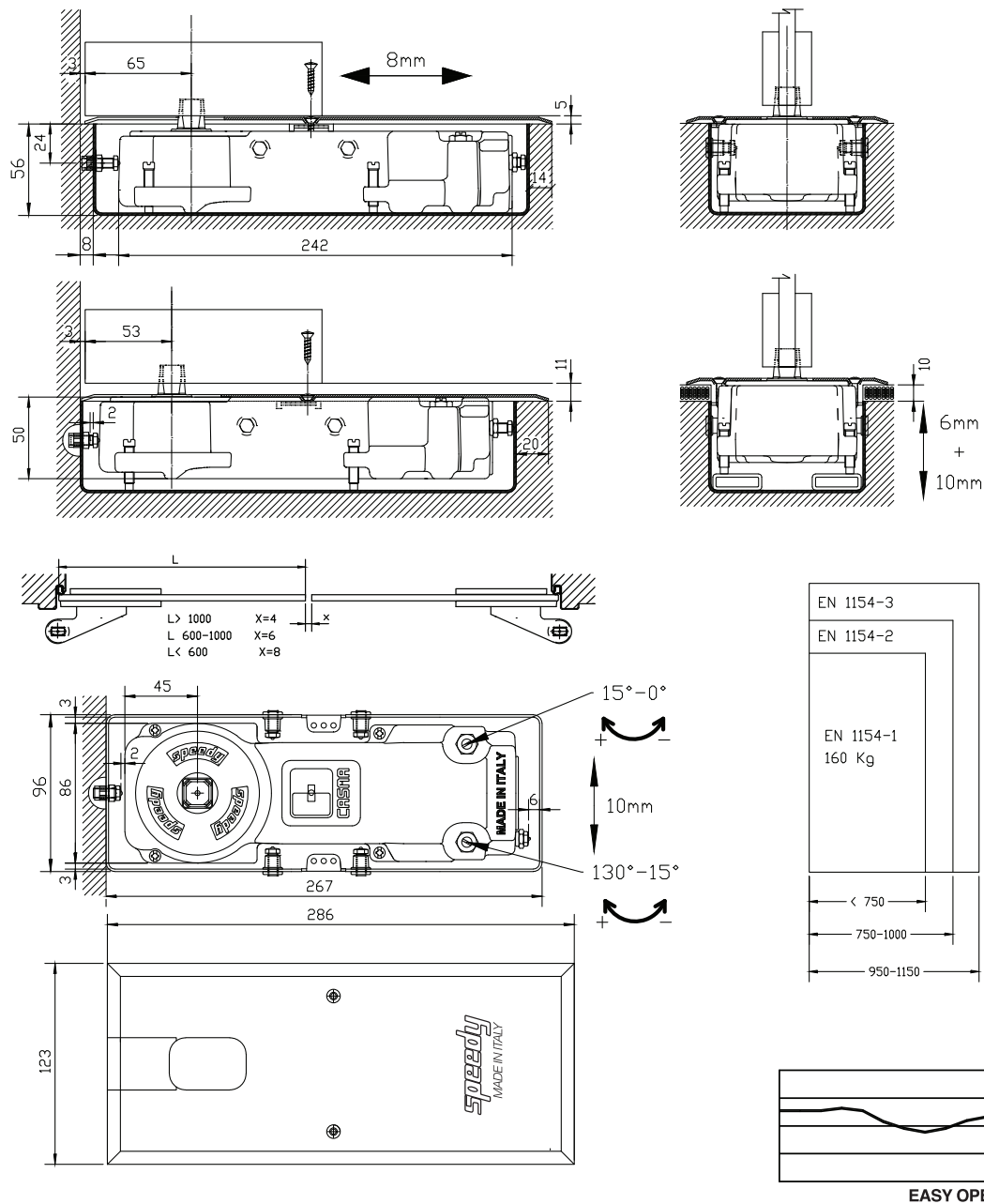


A	Bottom Clearance	10mm
B	Top Clearance	4mm-5mm
C	Side Clearance	4mm
D	Centre Clearance	3mm-5mm

### EXTENDED SPINDLES

	Clearance under door	Increase to clearance A or F
0mm	10mm	Nil
5mm	15mm	5
10mm	20mm	10
15mm	25mm	15
20mm	30mm	20
25mm	35mm	25
30mm	40mm	30

## M60 Speedy Floor Spring

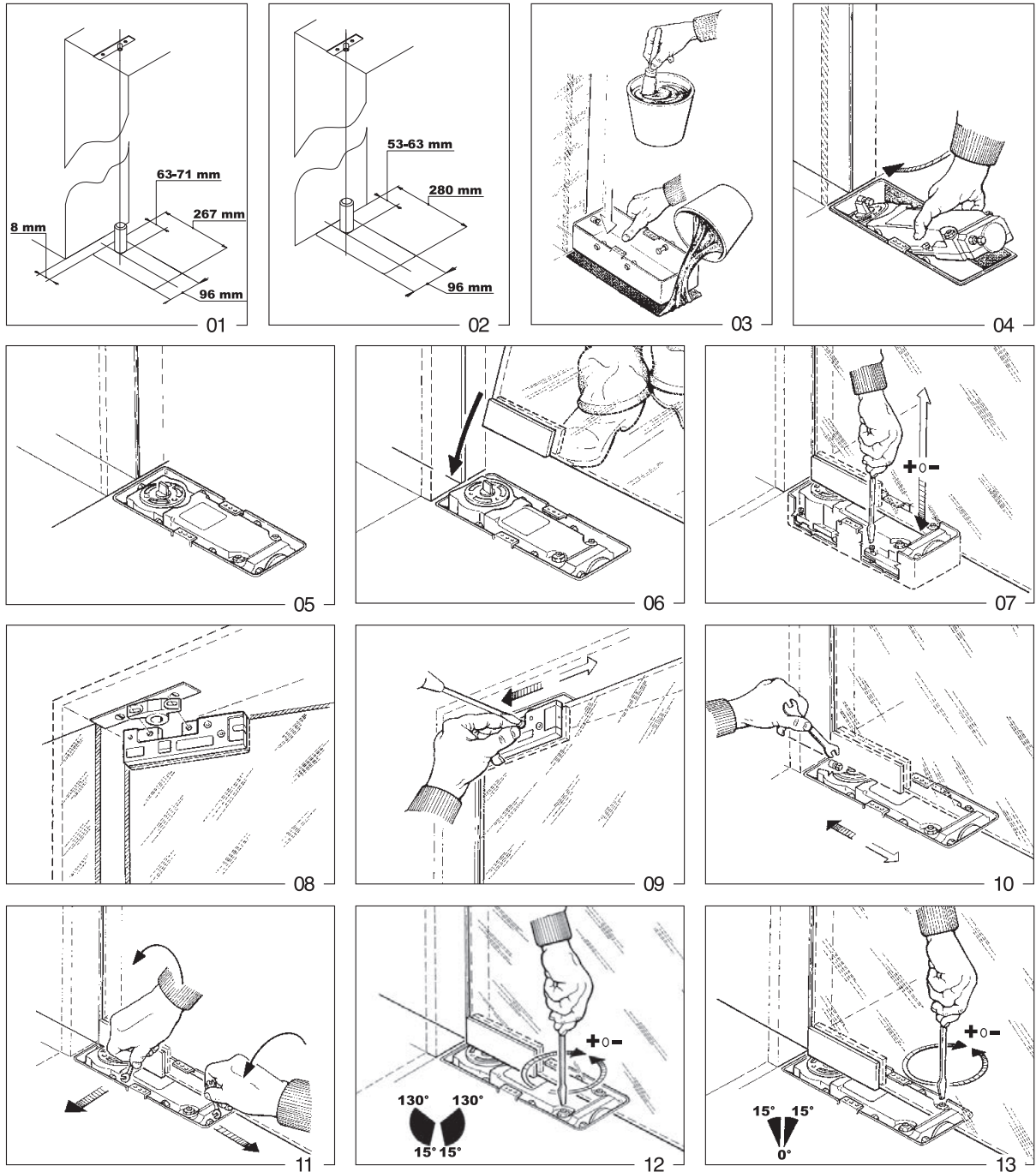


## AVAILABLE FINISHES

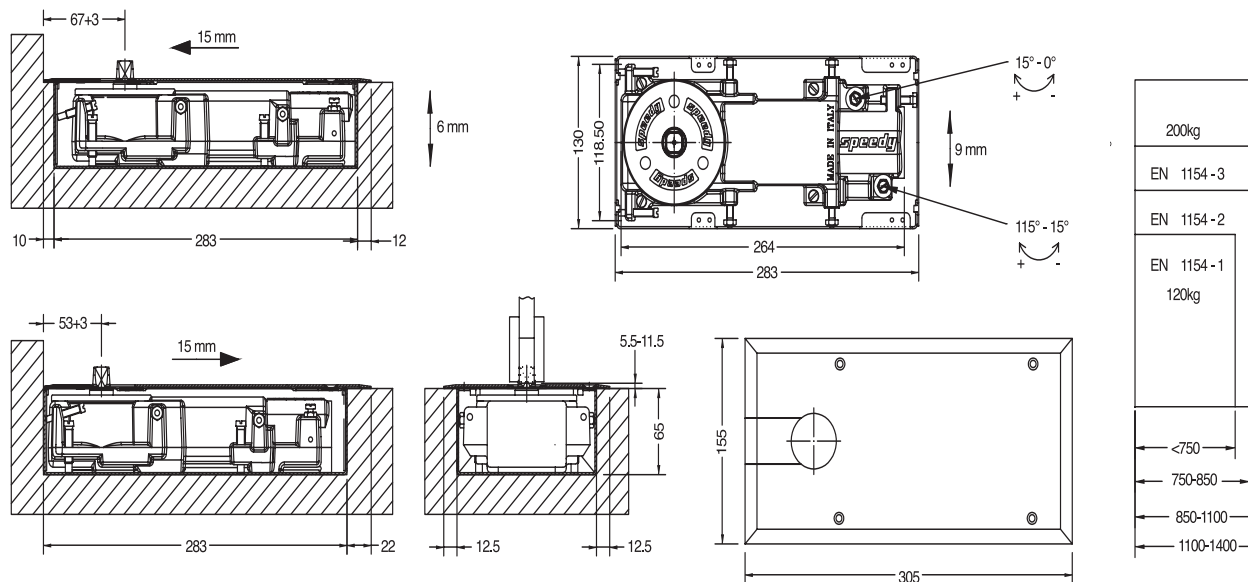
- Mirror
- Satin

## M60 Speedy Floor Spring

### INSTALLATION INSTRUCTIONS



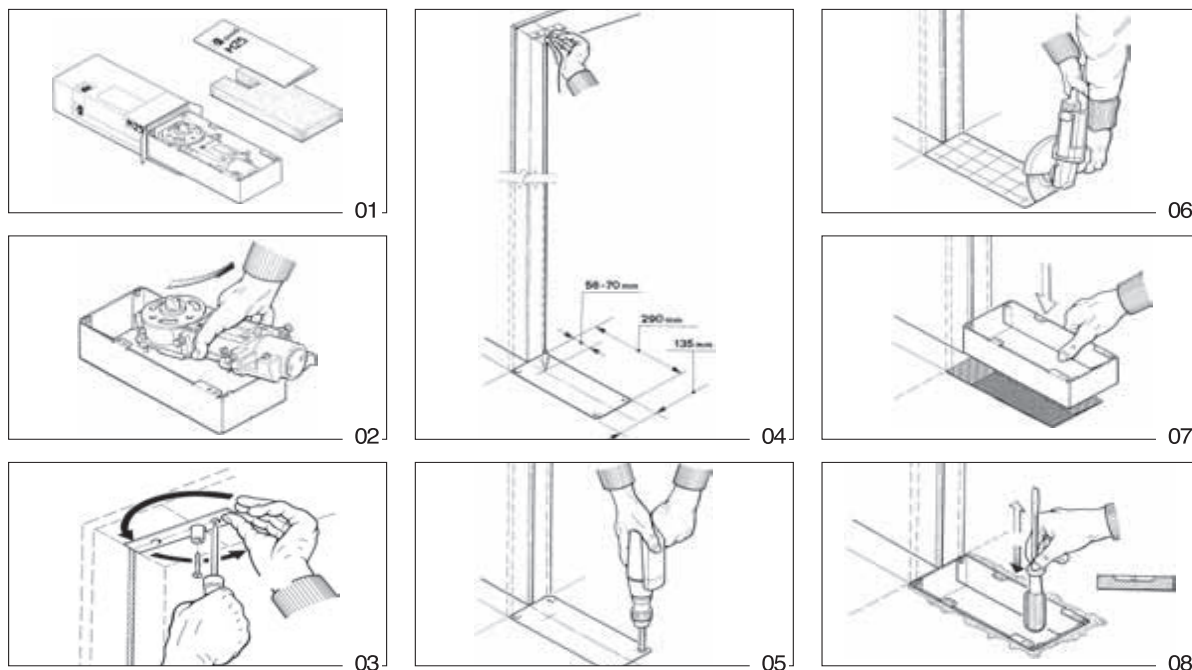
## M25 Speedy Floor Spring



## AVAILABLE FINISHES

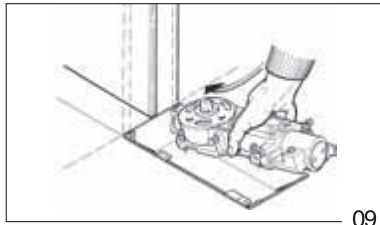
- Mirror
- Satin

## INSTALLATION INSTRUCTIONS

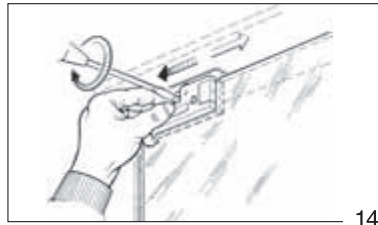


## M25

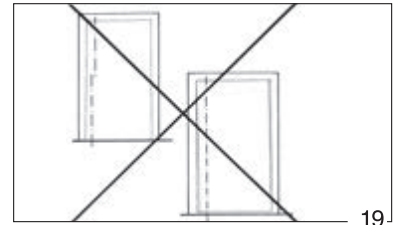
### INSTALLATION INSTRUCTIONS (CONT'D)



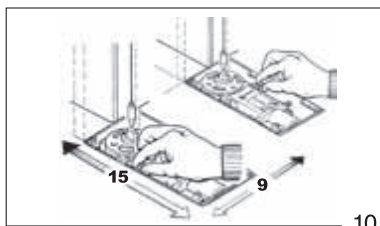
09



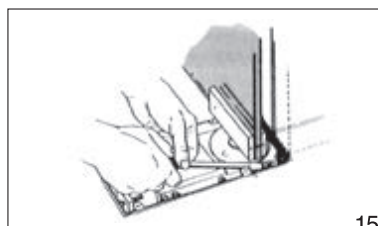
14



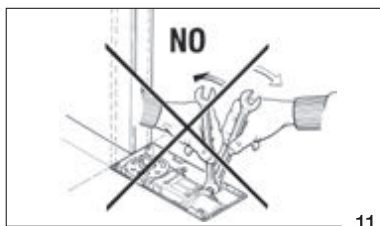
19



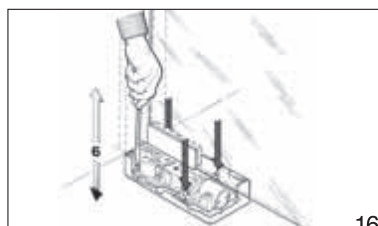
10



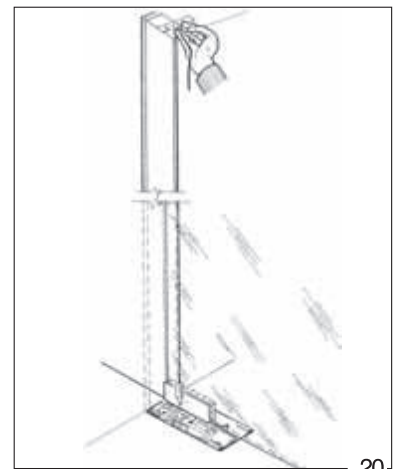
15



11



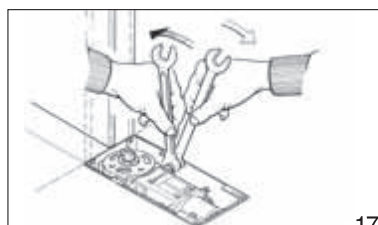
16



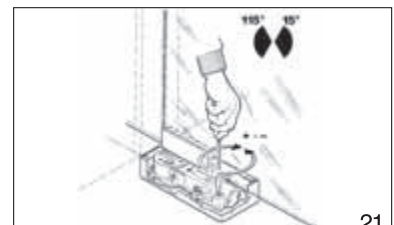
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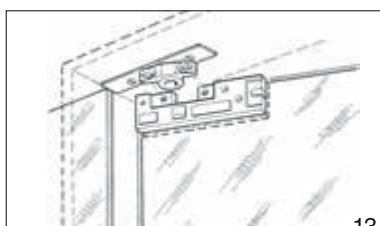
12



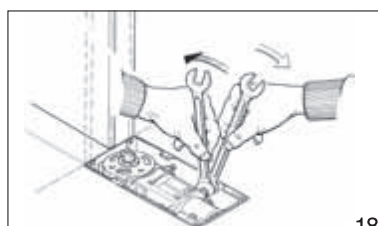
17



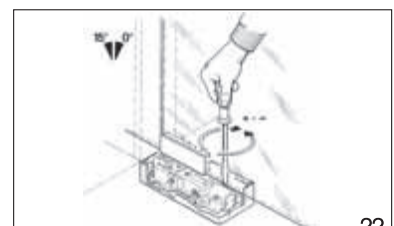
21



13

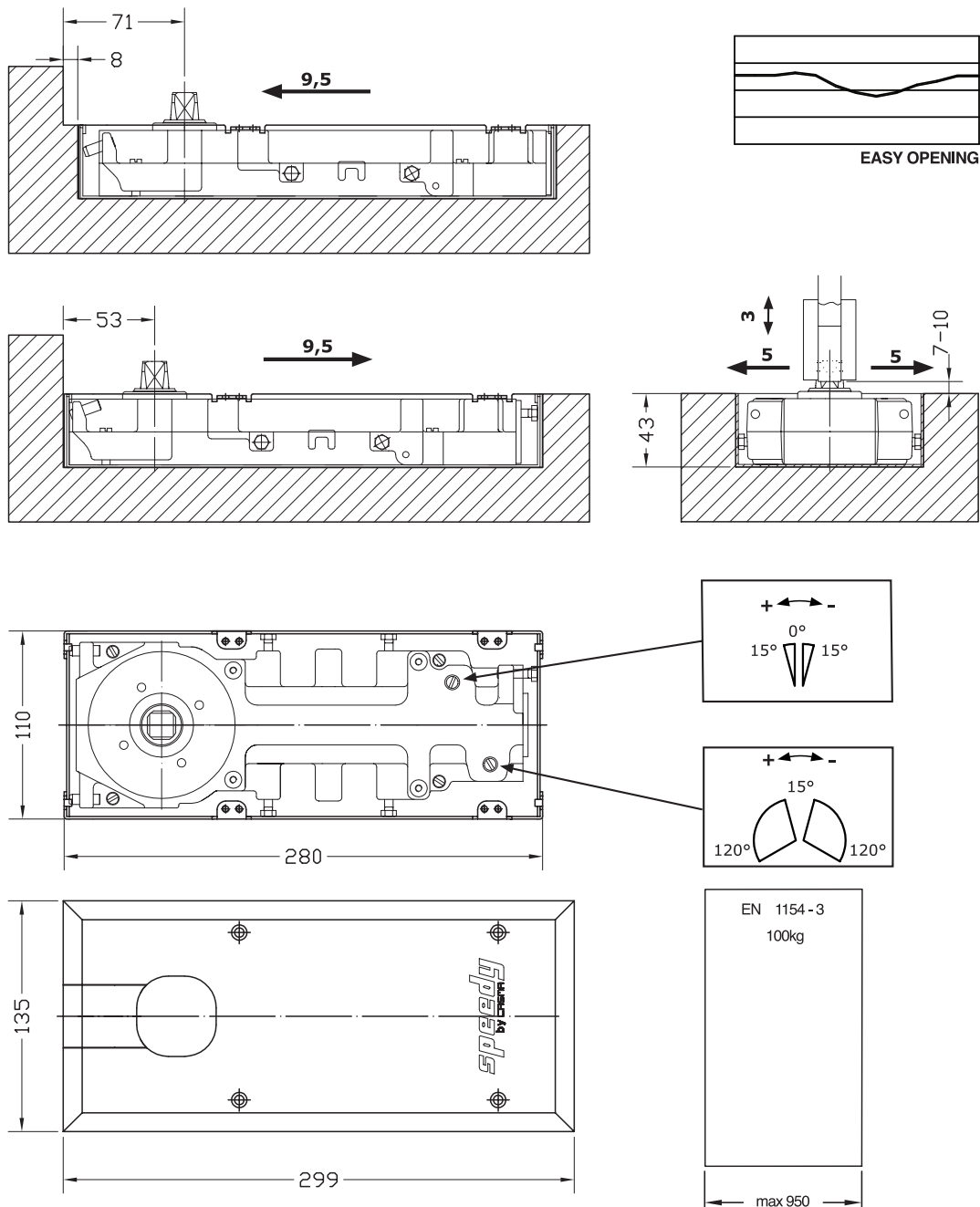


18



22

## M68 Speedy Floor Spring

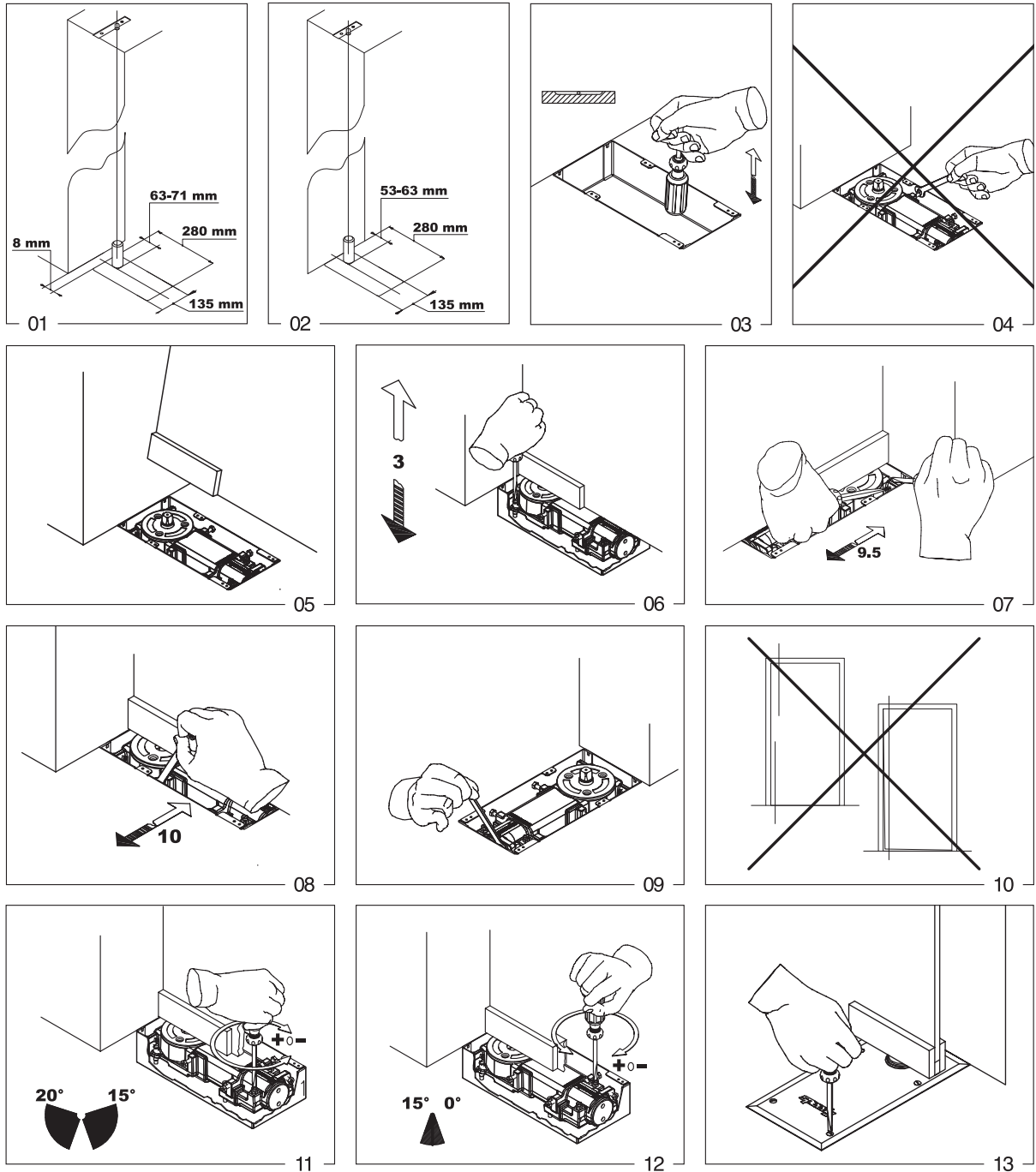


## AVAILABLE FINISHES

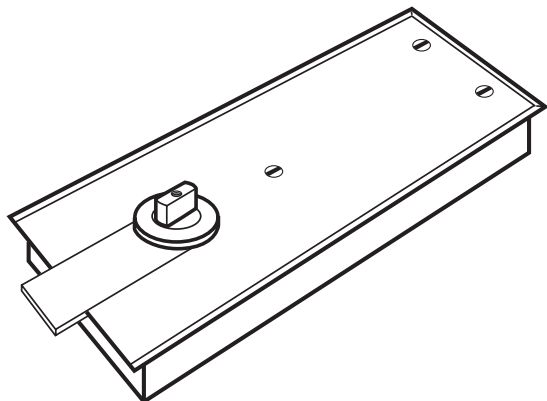
- Mirror
- Satin

## M68

### INSTALLATION INSTRUCTIONS



## BTS84 Standard Floor Spring

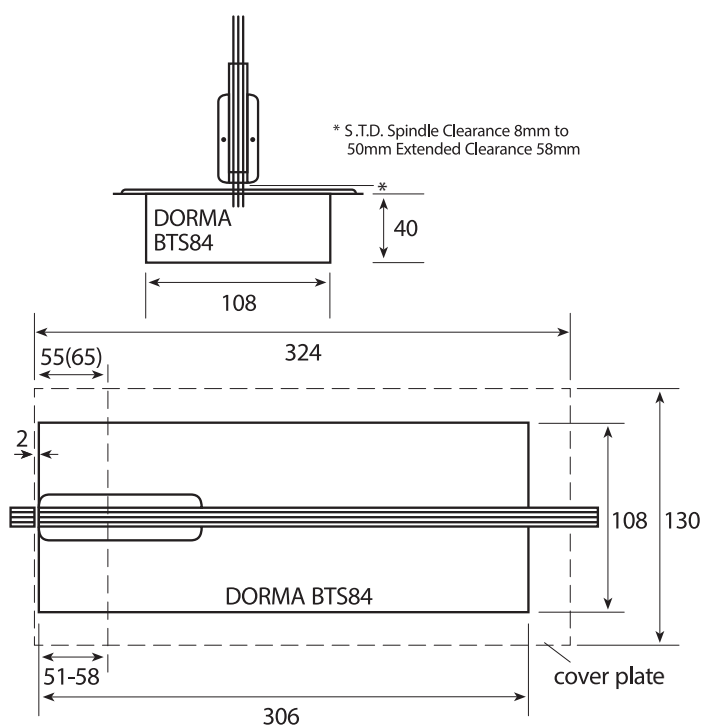


## TECHNICAL DETAILS

- Low profile 40mm depth
- Double action
- 90° hold open
- Stainless steel coverplate
- Maximum door weight: 100kg
- Maximum door width: 1100mm
- Maximum opening angle: 130°
- Variable closing force from 25 Nm

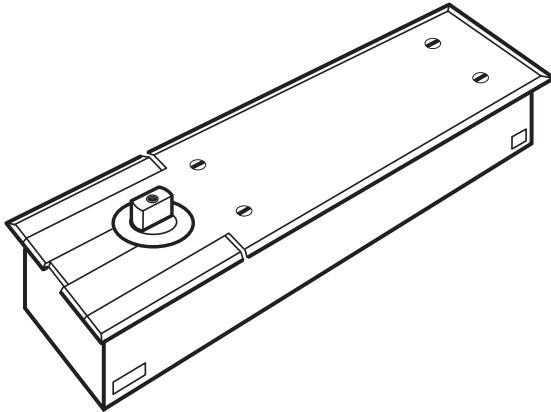
## OPTIONS

- Brass coverplate
- Non hold open
- 5, 10, 15 mm extended spindles
- 15Nm weak spring force





## BTS80 Heavy Duty Spring

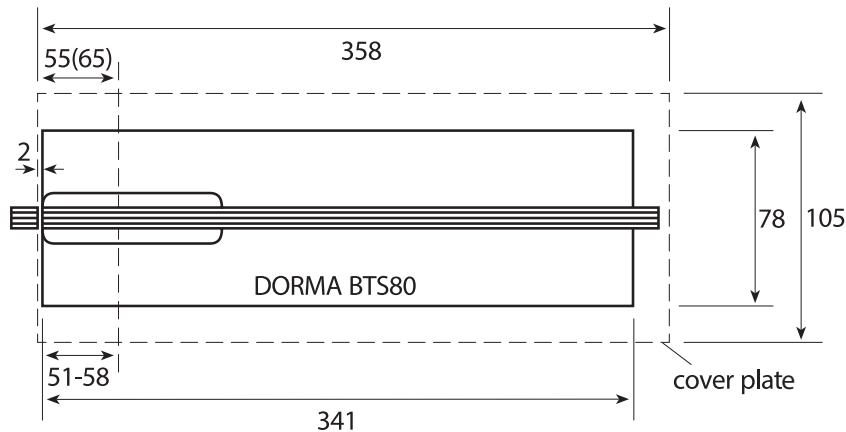
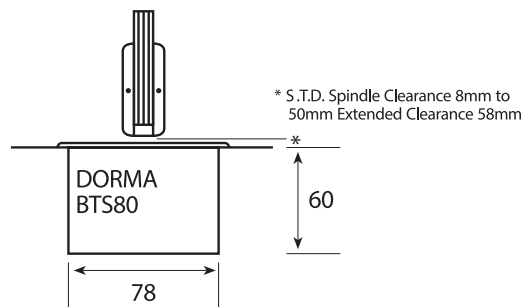


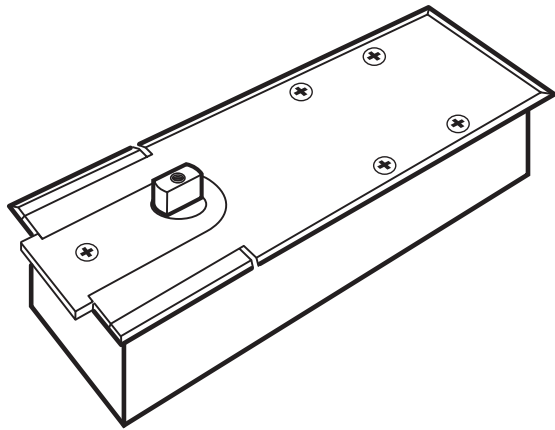
## TECHNICAL DETAILS

- Double action
- Selective multi-point hold open adjustable between approximately 75° and 175°
- Mechanical backcheck at approximately 85° and 165°
- Stainless steel coverplate
- Maximum door weight: 300kg
- Maximum door width: 1400mm
- Maximum opening angle: 180°
- Variable closing force 53 Nm

## OPTIONS

- Brass coverplate
- 5, 10, 15 mm extended spindles
- 35Nm spring force

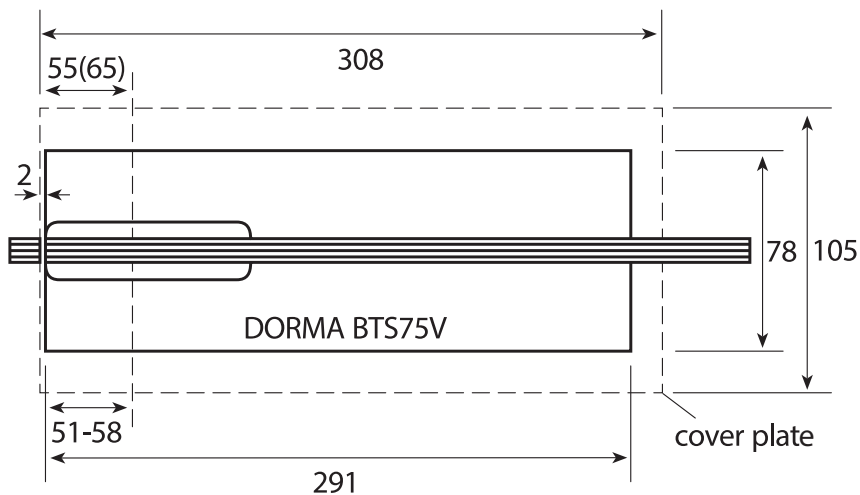
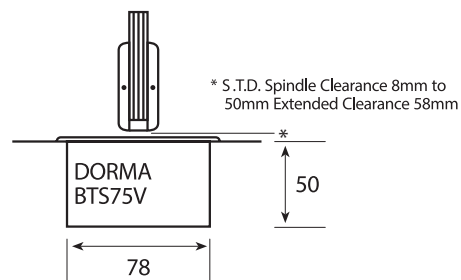


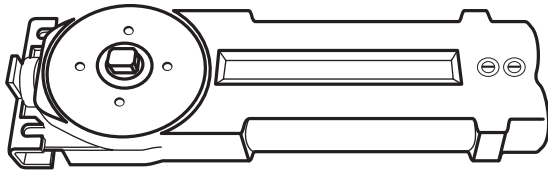
**BTS75V Medium Duty Floor Spring****TECHNICAL DETAILS**

- Double action
- 90° hold open
- Stainless steel coverplate
- Maximum door weight: 120kg
- Maximum door width: 1100mm
- Maximum opening angle: 175°
- Variable closing force from 10 - 30 Nm

**OPTIONS**

- Brass coverplate
- Non hold open
- 5, 10, 15 mm extended spindles

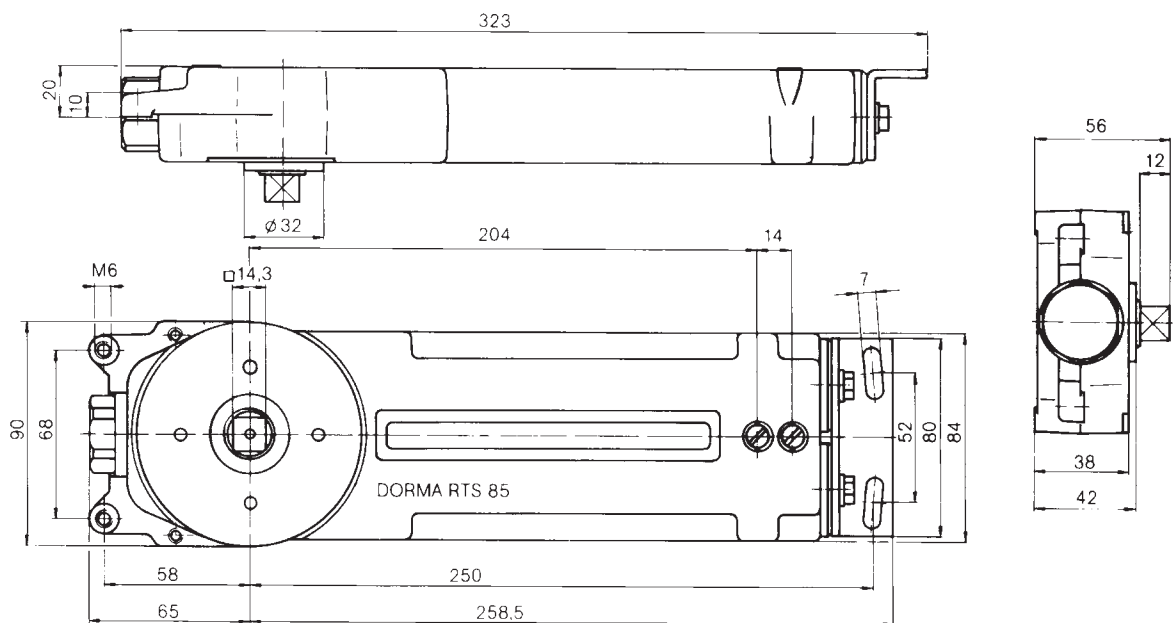


**RTS85** Overhead Door Closer**TECHNICAL DETAILS**

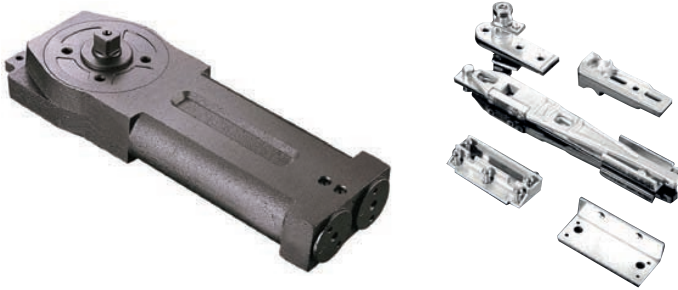
- Double action
- 90° hold open
- Aluminium / wood fix silver pearl coverplate
- Maximum door width: 1000mm

**OPTIONS**

- Non hold open



## DCL701 / DCL704 Transom Door Closer



## AVAILABLE FINISHES

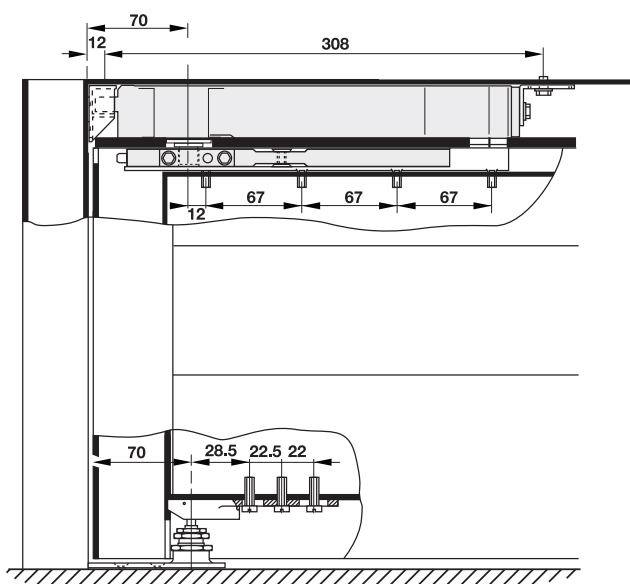
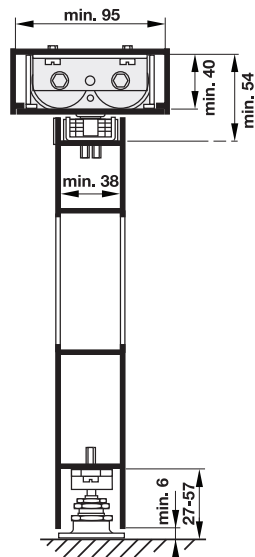
- Polished stainless steel
- Satin stainless steel

## TECHNICAL DETAILS

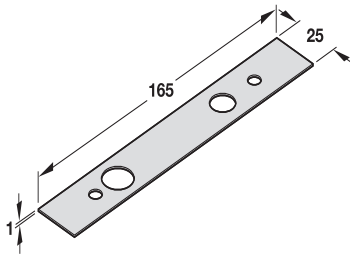
- Adjustable closing and latching speed
- Laterally adjustable
- Maximum door opening angle approx. 130°
- Closing force: size 2/3/4 complying with EN 1154

## APPLICATION

- For single or double action aluminium framed doors



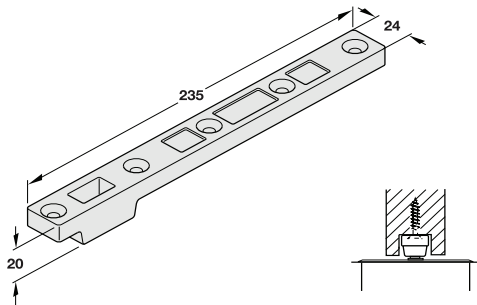
## Floor Spring Accessories – Cover Plate - Top Pivot



### AVAILABLE FINISHES

- Satin
- Mirror

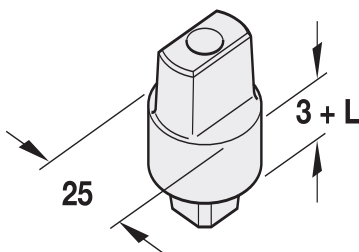
## Floor Spring Accessories – Door Strap



### AVAILABLE FINISHES

- Galvanised

## Floor Spring Accessories – Extended Spindle FOR BTS 75 V / 80 / 84



### AVAILABLE FINISHES

- Galvanised

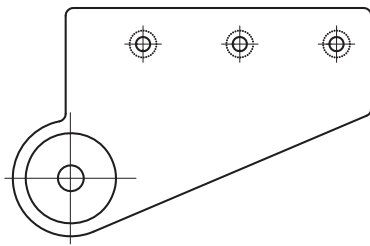
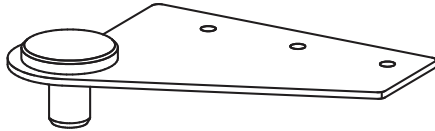
### TECHNICAL DETAILS

- Flat conical
- Optional for left or right hand applications
- With 3° offset
- Available sizes: 5mm - up to 50mm

### APPLICATION

- To increase the floor clearance (i.e. for doors with thresholds or floors fitted with carpets)

## 10481 / 10482 Right and Left Hand Pivot



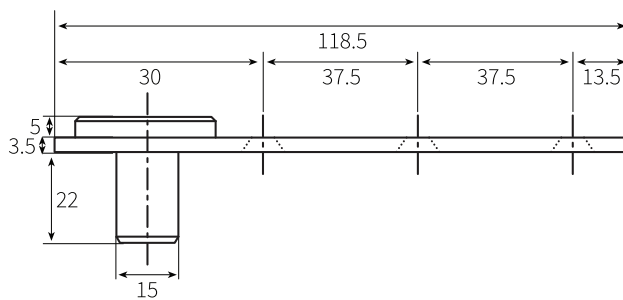
## AVAILABLE FINISHES

- Natural anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

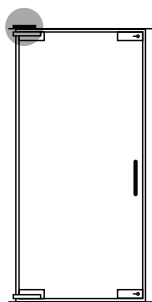
## TECHNICAL DETAILS

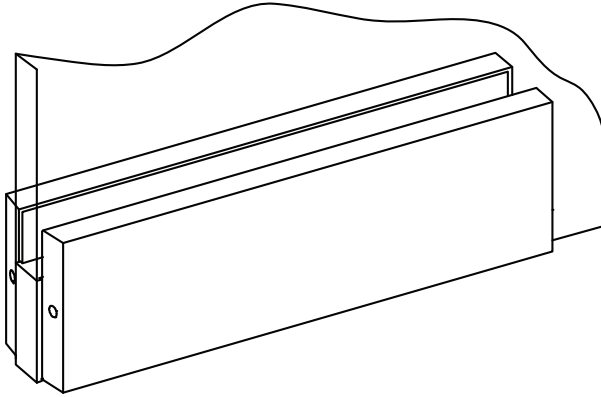
- Maximum door weight 100kg
- Maximum door width 1,100mm

DETAIL



INSITU APPLICATION



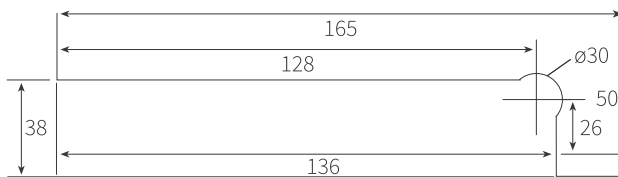
**41020 Patch Fitting - 19mm Glass****AVAILABLE FINISHES**

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

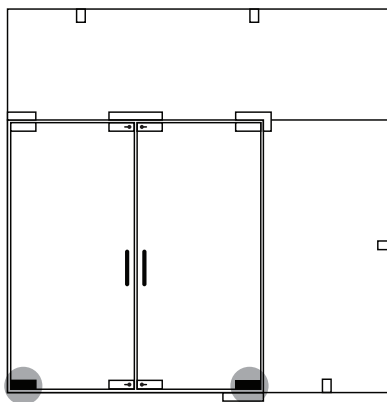
**TECHNICAL DETAILS**

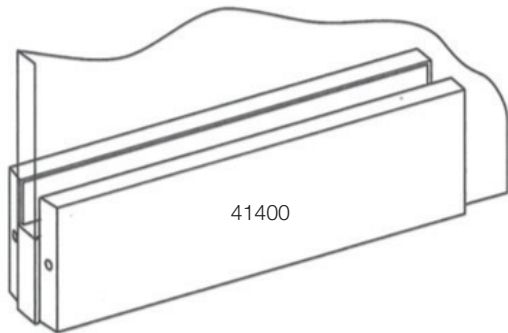
- Bottom patch fitting
- Maximum door weight 100kg
- Maximum glass hold 300kg
- Pivot set at 55mm or 65mm
- 19mm glass thickness

DETAIL

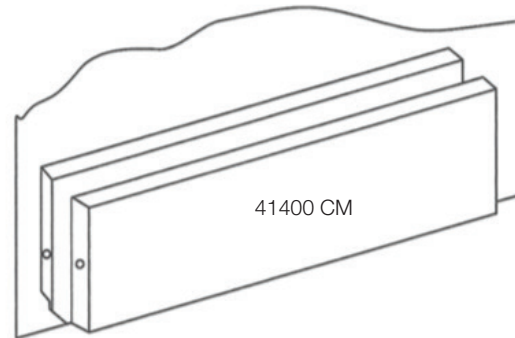


INSITU APPLICATION



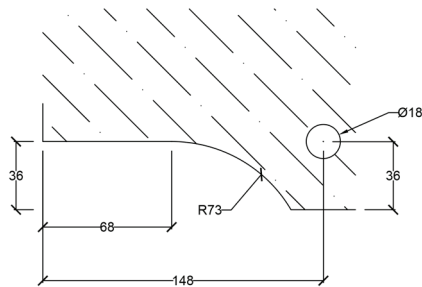
**41400 / 41400CM** Pivot Patch Fitting / Centre Mount

41400

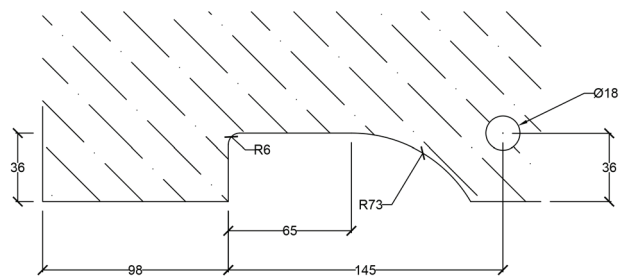


41400 CM

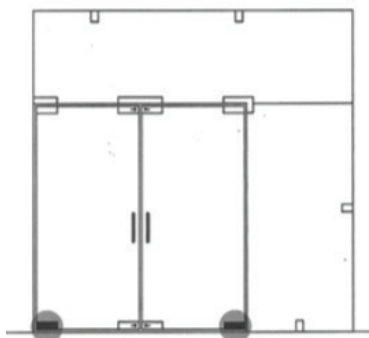
DETAIL - 41400



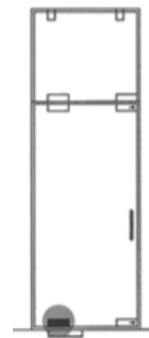
DETAIL - 41400CM



INSITU APPLICATION



INSITU APPLICATION

**AVAILABLE FINISHES**

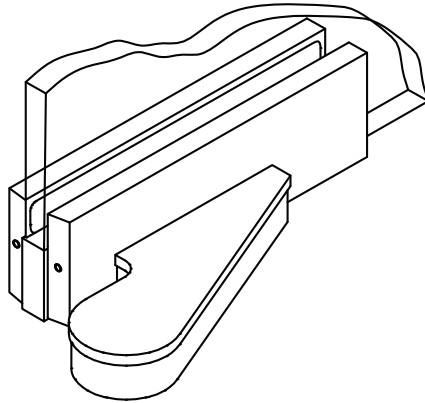
- Satin stainless steel

**TECHNICAL DETAILS**

- To be used in flooring or structure with pin locks
- Elongated hole for adjustment with lock on site
- Suitable for eurostyle pin locks in floor

**GLASS PREPARATION**  
To suit 150mm pivot point



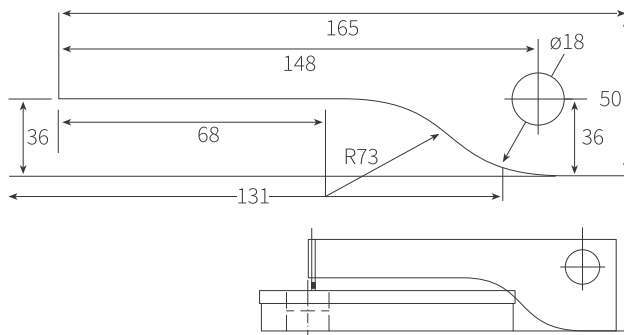
**41881 Offset Patch - Bottom Left Hand Side****AVAILABLE FINISHES**

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

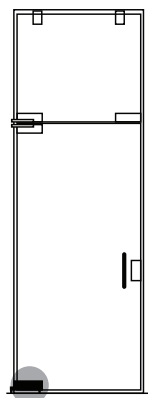
**TECHNICAL DETAILS**

- Maximum door weight 100kg
- Maximum glass hold 150kg
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit

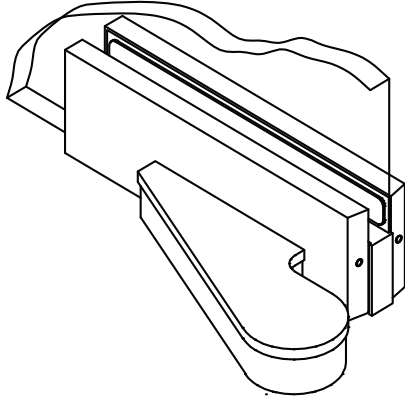
DETAIL



INSITU APPLICATION



## 41882 Offset Patch - Bottom Right Hand



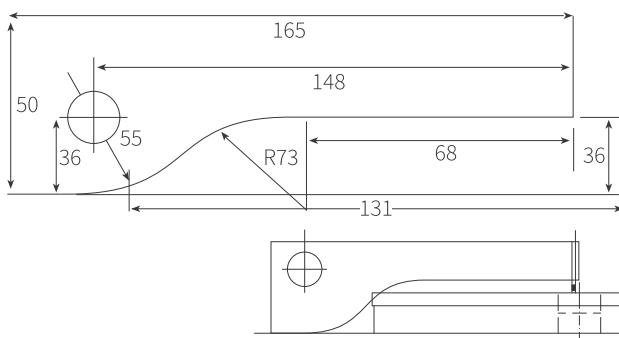
## AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

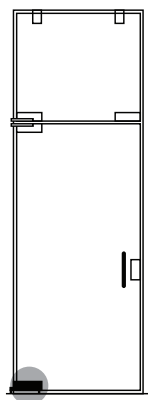
## TECHNICAL DETAILS

- Maximum door weight 100kg
- Maximum glass hold 150kg
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit

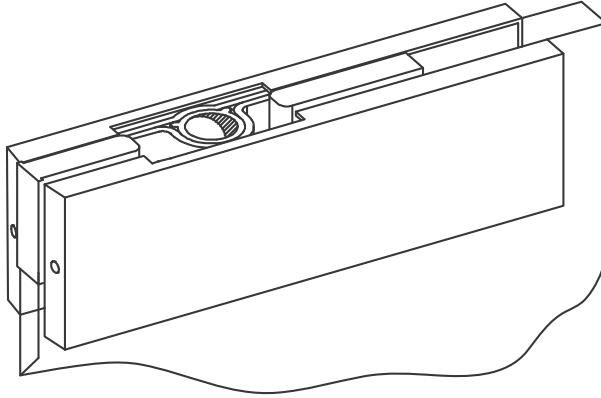
DETAIL



INSITU APPLICATION



## 42020 Top Pivot Patch Fitting



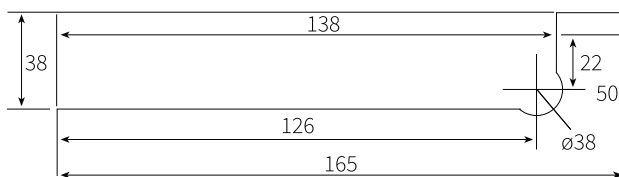
### AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

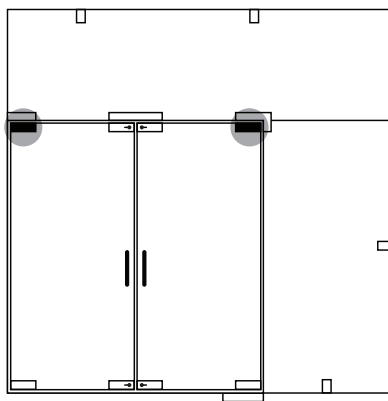
### TECHNICAL DETAILS

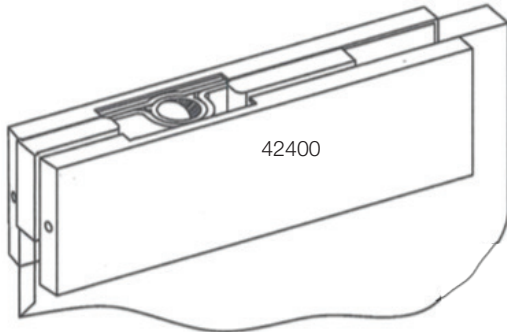
- Top patch fitting
- Maximum door weight 100kg
- Maximum glass hold 300kg
- Pivot set at 55mm or 65mm
- Adjustable +/- 3mm
- 19mm glass thickness

DETAIL

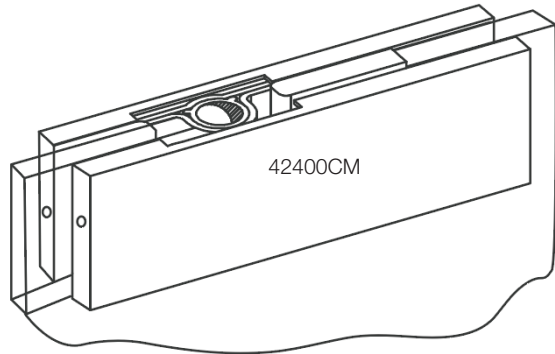


INSITU APPLICATION

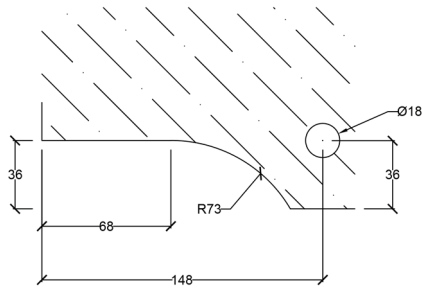


**42400 / 42400CM Top Pivot Patch Fitting / Centre Mount**

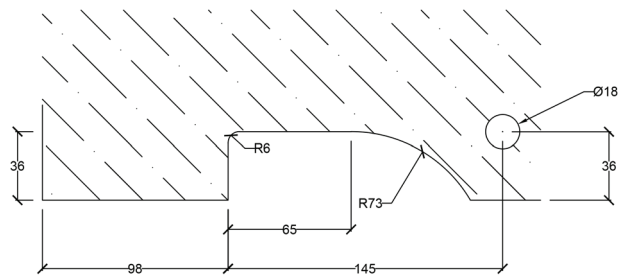
DETAIL - 42400



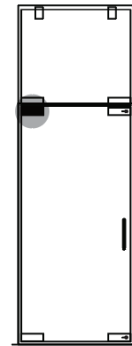
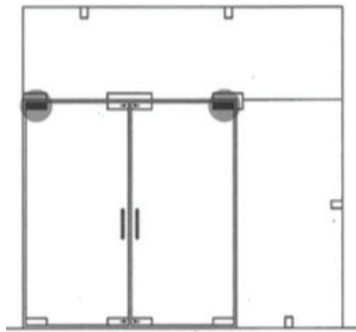
DETAIL - 42400CM



INSITU APPLICATION



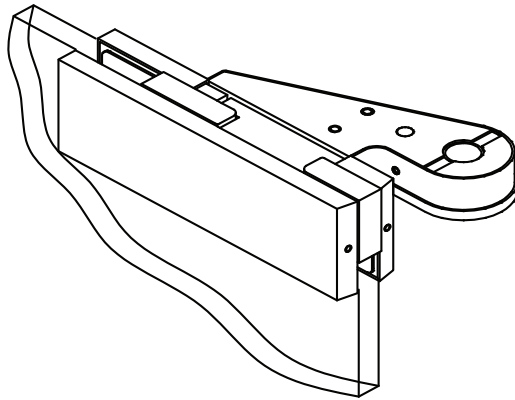
INSITU APPLICATION

GLASS PREPARATION  
To suit 150mm pivot point**AVAILABLE FINISHES**

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

**TECHNICAL DETAILS**

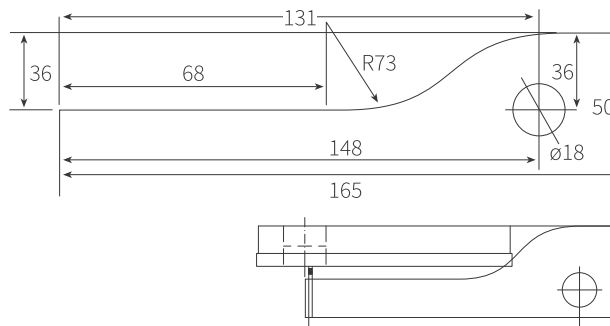
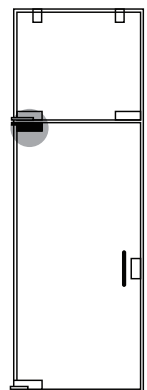
- Maximum door weight 100kg
- Maximum glass hold 300kg
- Pivot set at 55mm or 65mm
- Adjustable +/- 3mm
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit

**42881 Offset Patch Top Left Hand Side****AVAILABLE FINISHES**

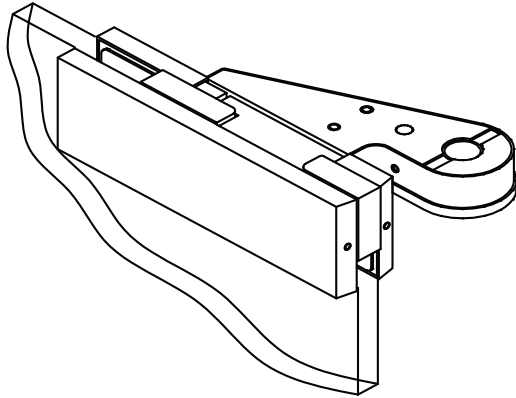
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

**TECHNICAL DETAILS**

- Maximum door weight 100kg
- Maximum glass hold 150kg
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit

**DETAIL****INSITU APPLICATION**

## 42882 Offset Patch Top Right Hand Side



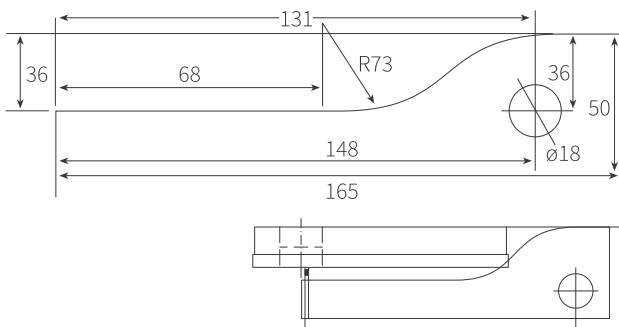
## AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

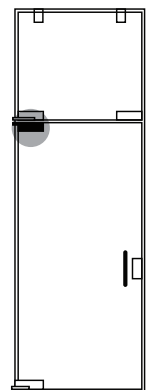
## TECHNICAL DETAILS

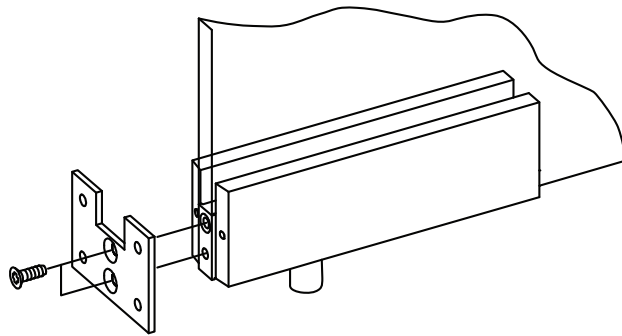
- Maximum door weight 100kg
- Maximum glass hold 150kg
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit

## DETAIL



## INSITU APPLICATION



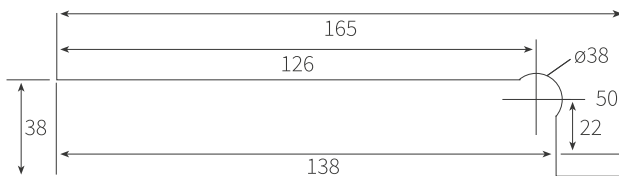
**43020 Overpanel Transom Patch with Pivot - 19mm Glass****AVAILABLE FINISHES**

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

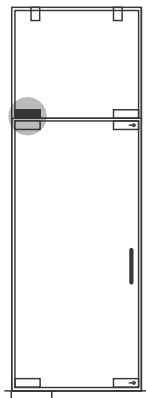
**TECHNICAL DETAILS**

- Overpanel transom patch with pivot
- Maximum door weight 125kg
- Maximum glass hold 200kg
- Pivot set at 55mm or 65mm
- Suitable for SBC42400
- 19mm glass thickness
- Side fixing to masonry, timber or aluminium jamb

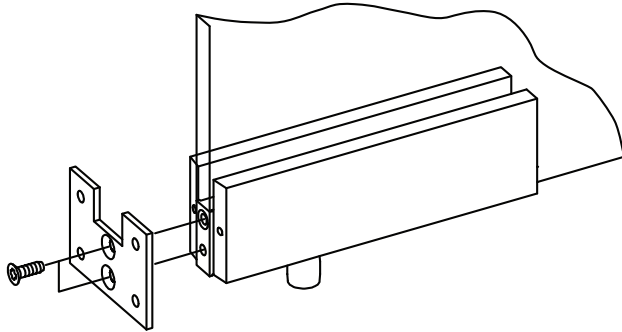
DETAIL



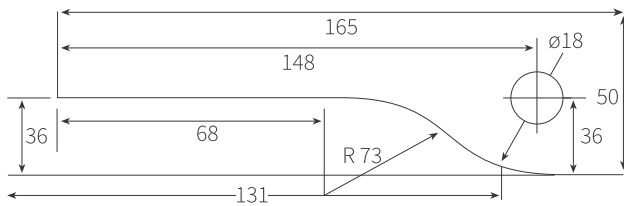
INSITU APPLICATION



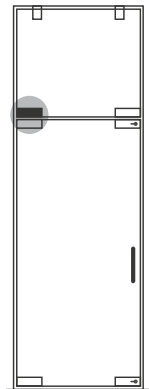
## 43400 Overpanel Transom Patch with Pivot



DETAIL



INSITU APPLICATION



## AVAILABLE FINISHES

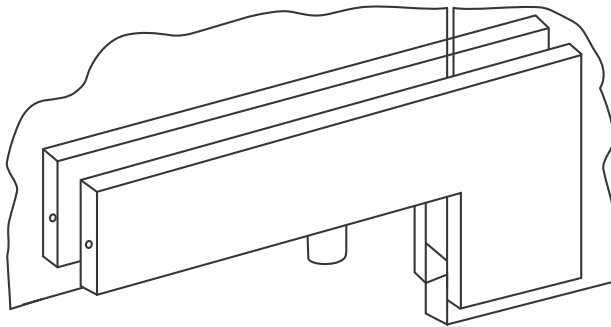
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

## TECHNICAL DETAILS

- Overpanel transom patch with pivot
- Maximum door weight 100kg
- Maximum glass hold 300kg
- Pivot set at 55mm or 65mm
- Suitable for SBC42400
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit
- Side fixing to masonry, timber or aluminium jamb



## 44020 / 44400 Overpanel to Side Panel Patch with Pivot



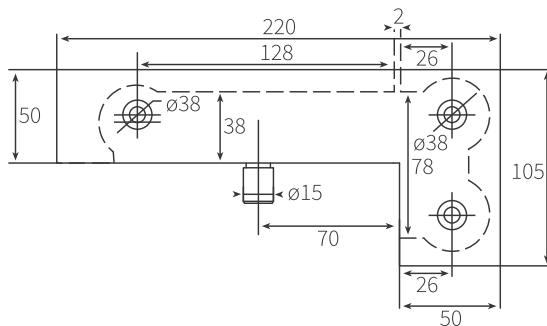
### AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

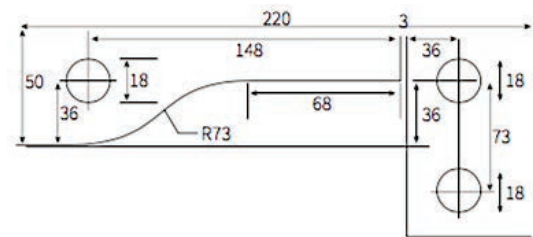
### TECHNICAL DETAILS

- Maximum door weight 125kg
- Maximum glass hold 300kg
- Pivot can be set at 55mm or 65mm
- Suitable for SBC42400 (provides pivot point)
- 19mm glass thickness

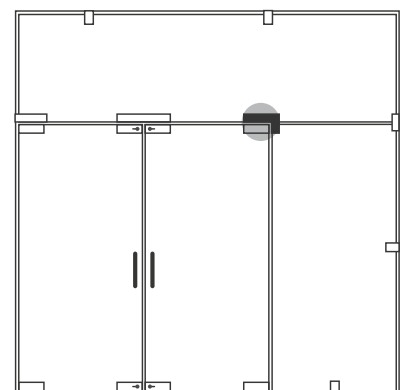
19mm DETAIL / 44020



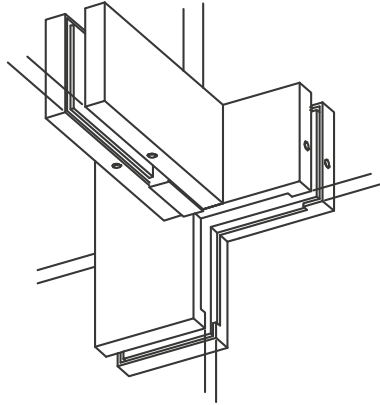
12/15mm DETAIL / 44400



INSITU APPLICATION



## 44706 / 44707 Overpanel to Side Panel Patch Fitting with Fin



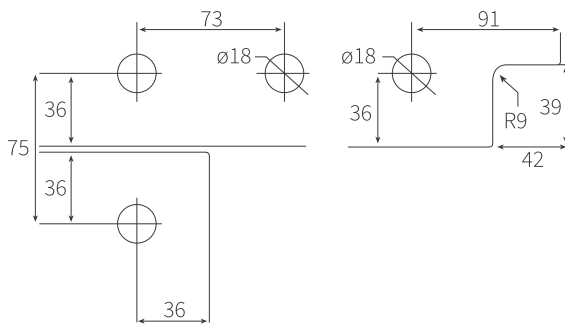
## AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

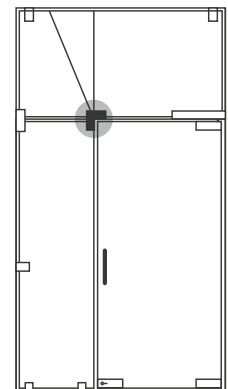
## TECHNICAL DETAILS

- Overpanel to side panel patch with pivot and fin
- Maximum glass hold 200kg
- To connect two or four glass panels
- Optional door stop can be fitted
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit
- 12mm or 15mm glass fin

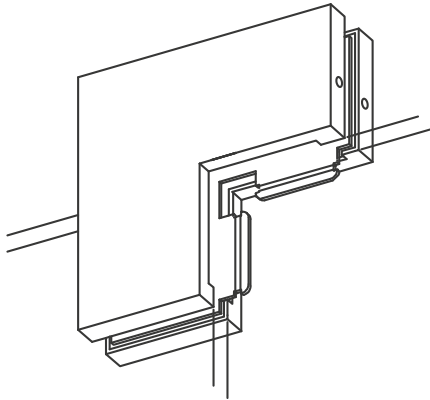
DETAIL



INSITU APPLICATION



## 44710 Overpanel to Side Panel Patch Fitting with Door Stop



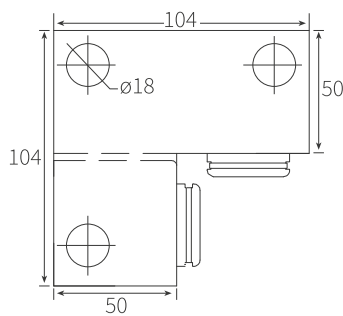
### AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

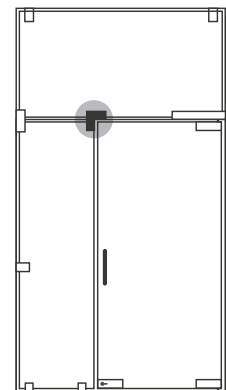
### TECHNICAL DETAILS

- Maximum glass hold 200kg
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit

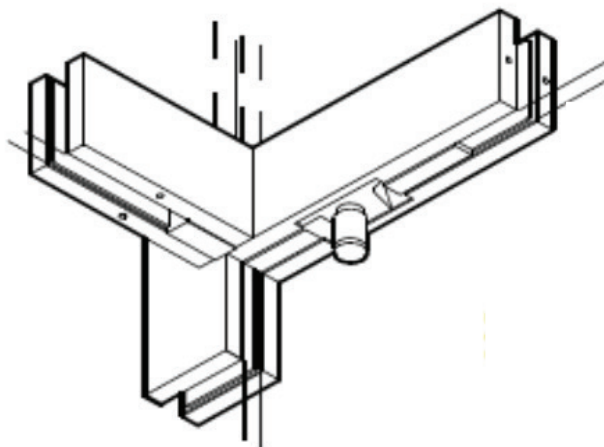
DETAIL



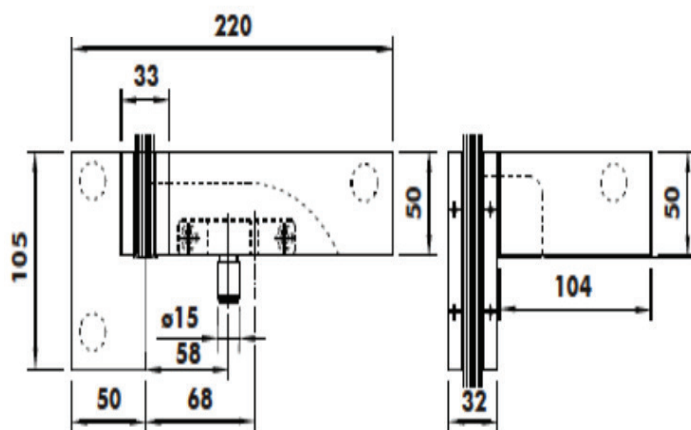
INSITU APPLICATION



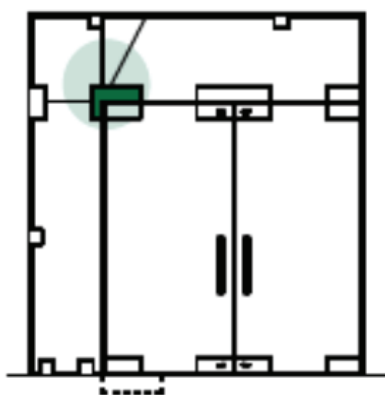
**45051 / 45052 Transom/ Side Fin Patch (LH/RH)**



## DETAIL



## INSITU APPLICATION

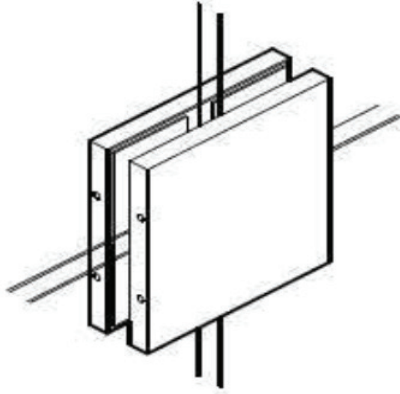


## AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

## TECHNICAL DETAILS

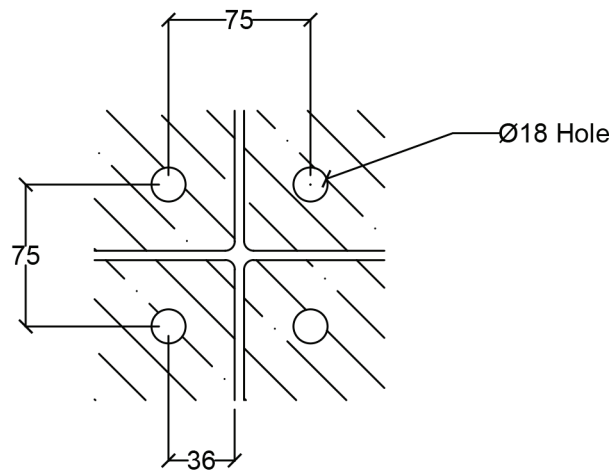
- Maximum glass hold 100kg
- 1100mm door width
- 8mm, 10mm or 15mm glass thickness can be adjusted to fit

**46500 Four Corner Connecting Patch****AVAILABLE FINISHES**

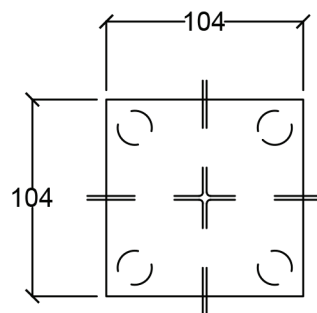
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

**TECHNICAL DETAILS**

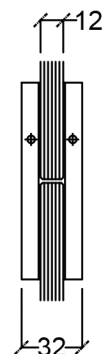
- Maximum glass hold 300kg
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit
- 12mm or 15mm glass



GLASS DETAIL

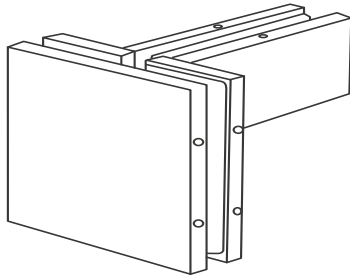


ELEVATION

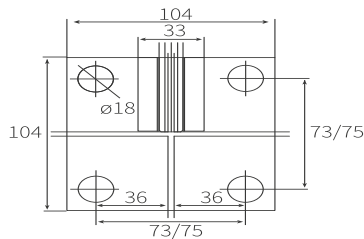


END VIEW

## 46550 Four Corner Connecting Patch with Fin



DETAIL



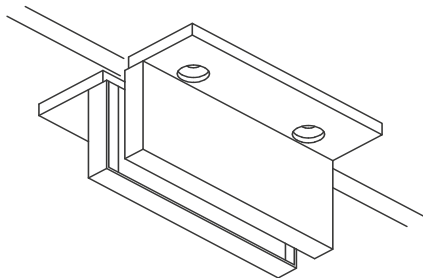
## AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

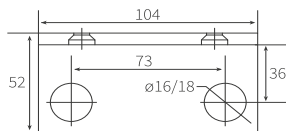
## TECHNICAL DETAILS

- Maximum glass hold 300kg
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit
- 12mm or 15mm glass fin

## 46700 Head/Jamb Fitting Angle



DETAIL



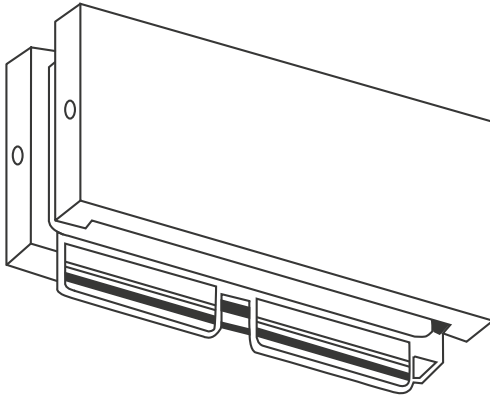
## AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

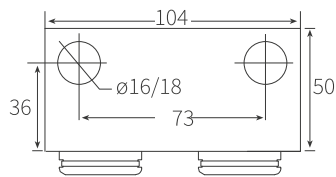
## TECHNICAL DETAILS

- Maximum glass hold 300kg
- Recommended torque 14 - 16
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit

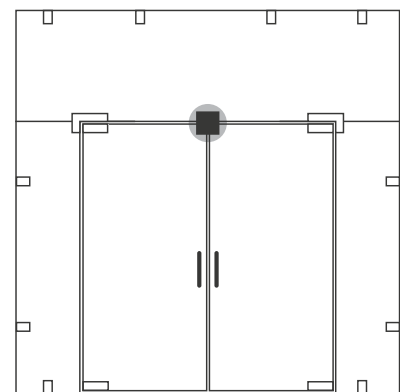
## 47210 Overpanel Patch Fitting with Door Stop



DETAIL



INSITU APPLICATION



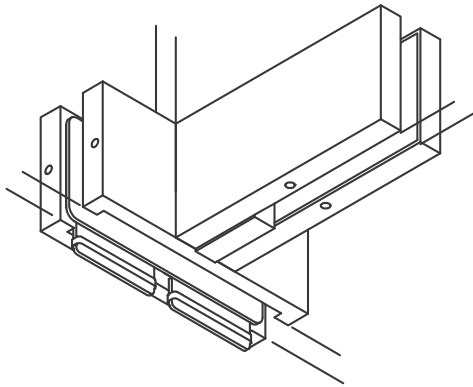
### AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

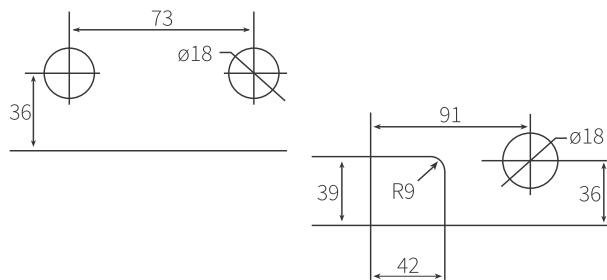
### TECHNICAL DETAILS

- Maximum glass hold 150kg
- Comes with door stop plate
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit

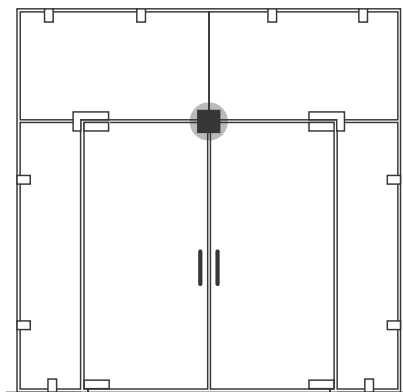
## 47260 Double Door Fin with Bracket and Door Stops



DETAIL



INSITU APPLICATION



## AVAILABLE FINISHES

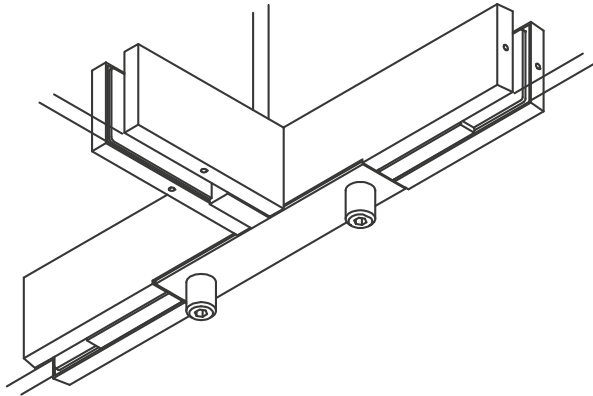
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

## TECHNICAL DETAILS

- Maximum glass hold 150kg
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit
- 12mm or 15mm glass fin



## 47750 Transom Fin with Double Pivot



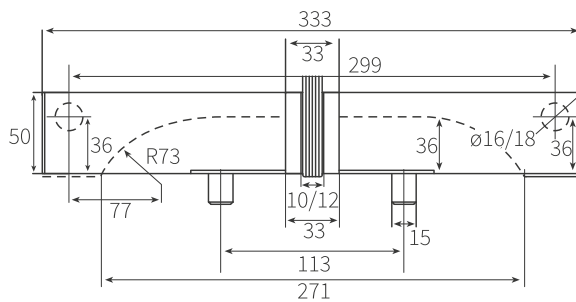
DETAIL

### AVAILABLE FINISHES

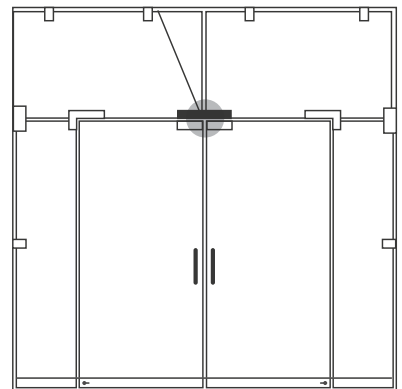
- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

### TECHNICAL DETAILS

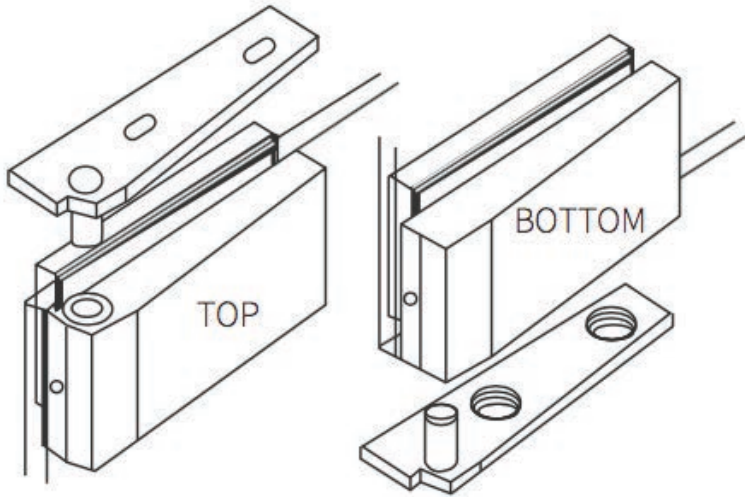
- Maximum glass hold 350kg
- Pivot point set at 55mm or 65mm
- Comes with door stop plate
- Suitable for SBC42400 (provides pivot point)
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit
- 12mm or 15mm glass fin



INSITU APPLICATION



## 12790 Pair Offset Patch + Pivot



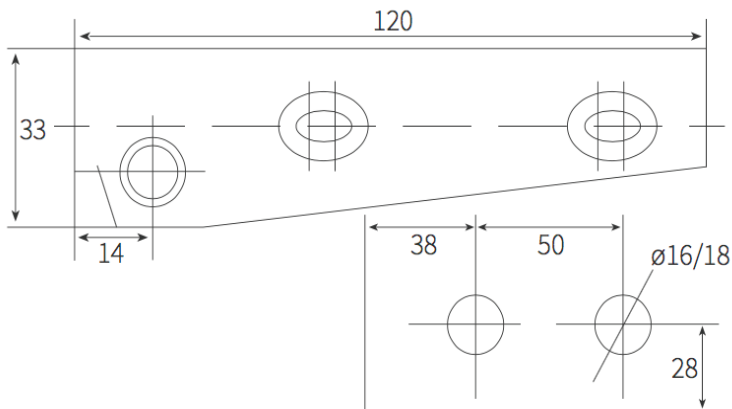
## AVAILABLE FINISHES

- Satin silver anodised
- Polished stainless steel
- Satin stainless steel
- Polished brass

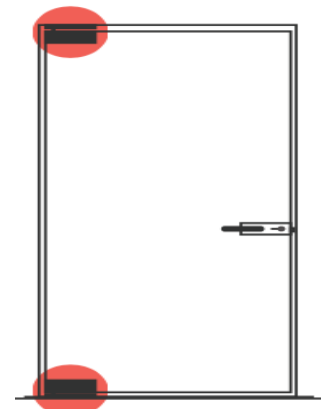
## TECHNICAL DETAILS

- Maximum glass hold 350kg
- Pivot point set at 55mm or 65mm
- Comes with door stop plate
- Suitable for SBC42400 (provides pivot point)
- 12mm glass thickness
- 10mm or 15mm glass thickness can be adjusted to fit
- 12mm or 15mm glass fin

DETAIL

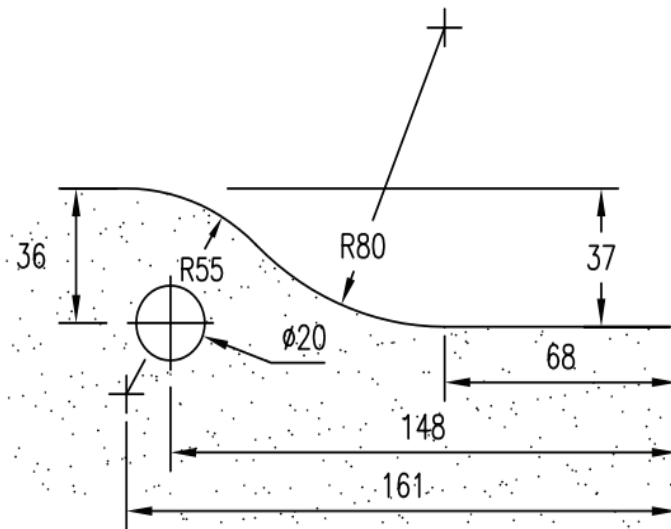


INSITU APPLICATION



## PT10/20 Top/Bottom Patch

DETAIL



PT 10/20 GLASS PREPARATION

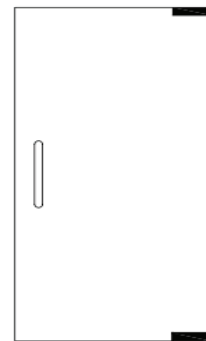
### AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS

### TECHNICAL DETAILS

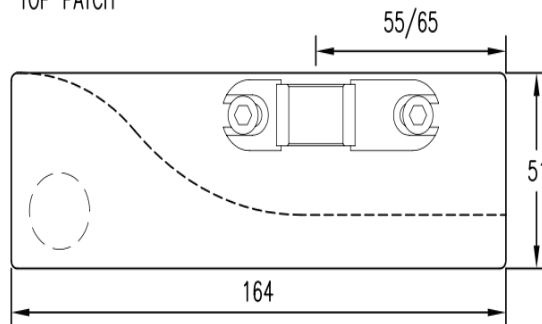
- Universal 51mm x 164mm bottom and top patch
- Fitting with covers to suit BTS floor springs or free pivots
- Pivot point set at 55mm or 65mm
- Specify glass thickness 10, 12 or 15mm

INSITU APPLICATION

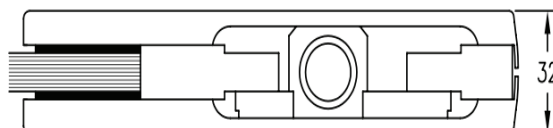


### PT 20

TOP PATCH



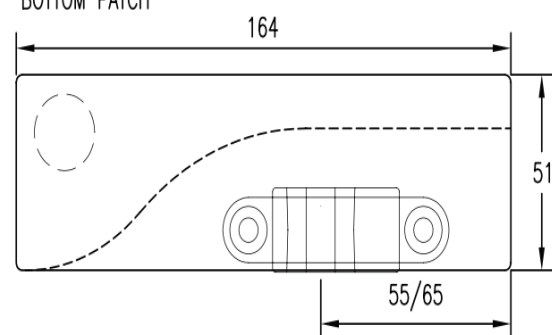
ELEVATION



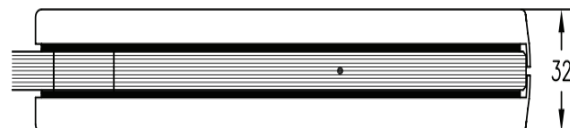
PLAN

### PT 10

BOTTOM PATCH



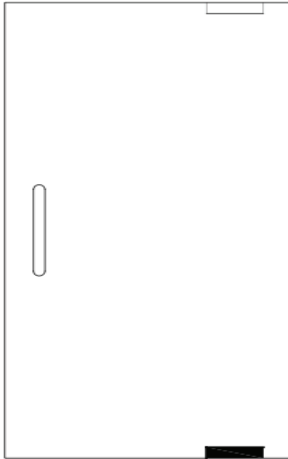
ELEVATION



PLAN

## PT10C/F Bottom Patch

INSITU APPLICATION



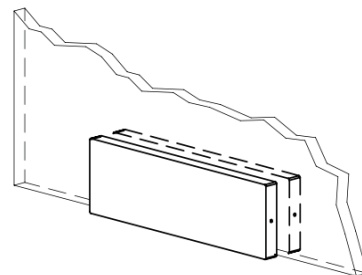
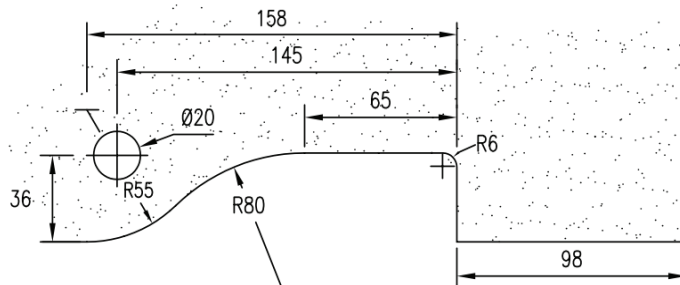
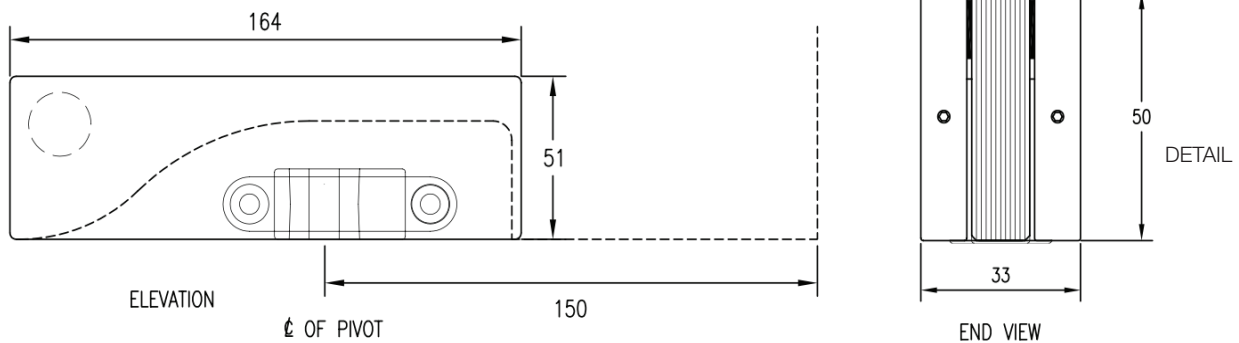
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS

## TECHNICAL DETAILS

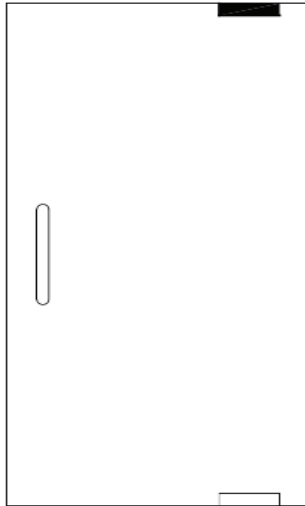
- Universal 51mm x 164mm bottom patch
- Fitting with covers to suit BTS floor springs or free pivots
- Patch is modified to be centre fixed on glass providing pivot point of 150mm or greater
- Specify glass thickness 10, 12 or 15mm

DETAIL

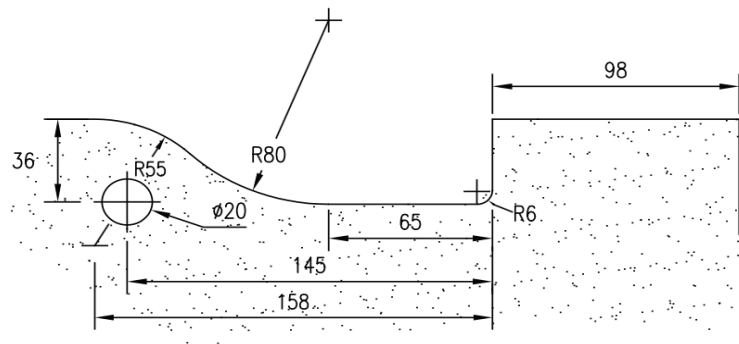
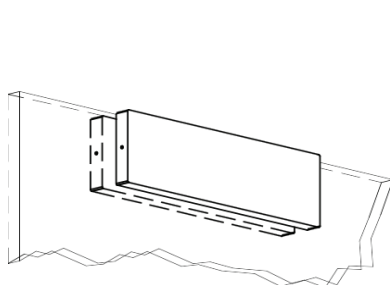
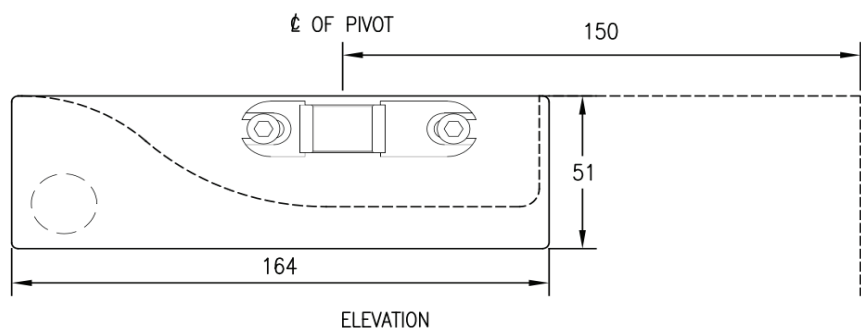
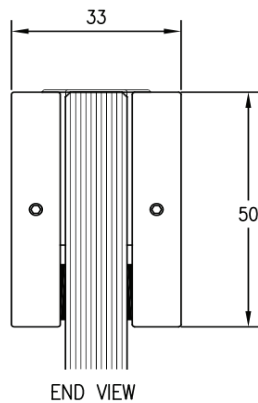


## PT20C/F Top Patch

INSITU APPLICATION



DETAIL



GLASS PREPARATION  
SUIT 150MM PIVOT POINT

### AVAILABLE FINISHES

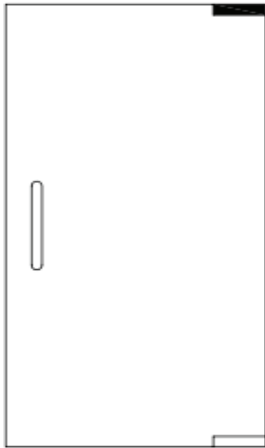
- Aluminium: MILL, SAA
- Stainless: SSS, PSS

### TECHNICAL DETAILS

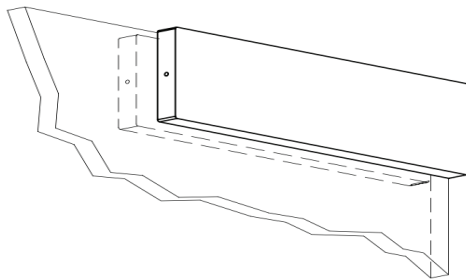
- Universal 51mm x 164mm top patch
- Fitting with covers to suit 15mm diameter top pivots
- Patch is modified to be centre fixed on glass providing pivot point of 150mm or greater
- Specify glass thickness 10, 12 or 15mm

## PT22 Top Patch

INSITU APPLICATION



DETAIL

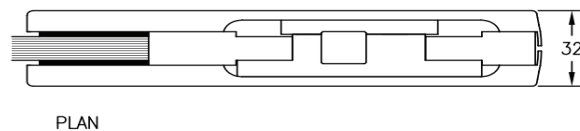
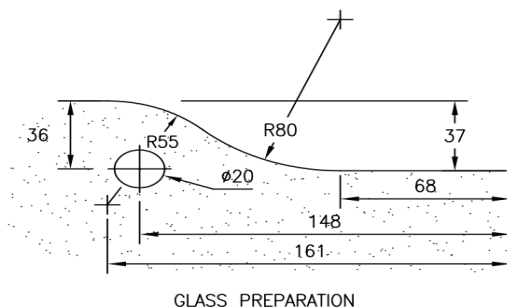
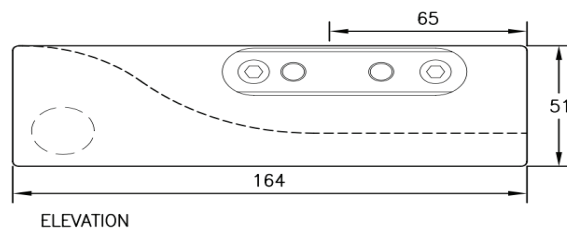


## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS

## TECHNICAL DETAILS

- Universal 51mm x 164mm top patch
- Fitting with covers to suit RTS85 transom closers
- Pivot point set at 65mm
- Specify glass thickness 10, 12 or 15mm

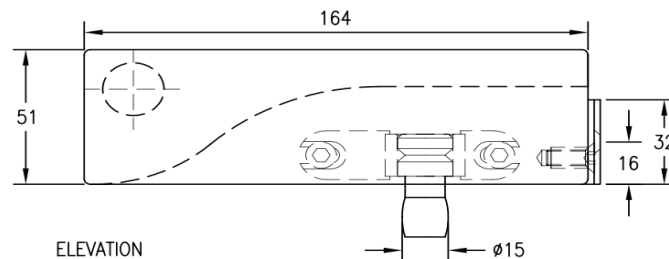


## PT30/30S Over Panel Patch Fitting

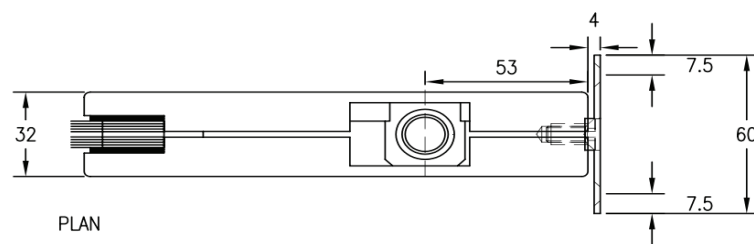
INSITU APPLICATION



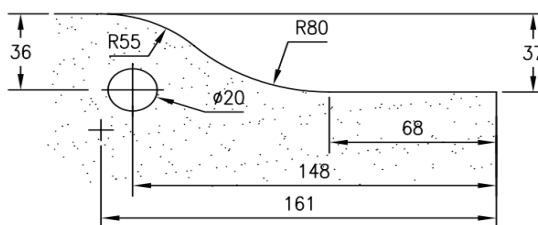
DETAIL



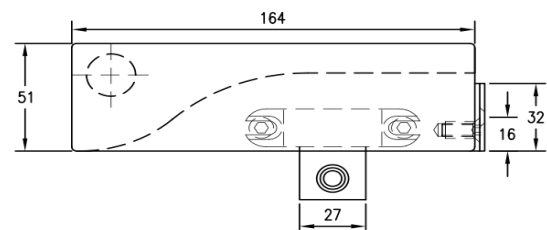
ELEVATION



PLAN



GLASS PREPARATION



PT 30S STOP PATCH

### AVAILABLE FINISHES

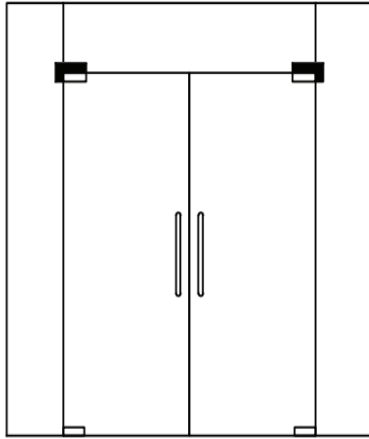
- Aluminium: MILL, SAA
- Stainless: SSS, PSS

### TECHNICAL DETAILS

- Universal 51mm x 164mm PT30 over panel
- Patch fitting with backing plate and pivot to suit PT20 upper patch fitting and PT30S over panel patch fitting with backing plate and stop insert
- Specify glass thickness 10, 12 or 15mm

## PT40/40S Corner Link Patch

INSITU APPLICATION



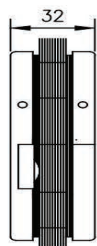
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS

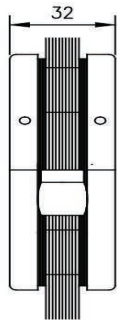
## TECHNICAL DETAILS

- Universal 218mm x 106mm t
- PT40 highlight to sidelight corner link patch with pivot
- PT40S highlight to sidelight corner link patch with stop insert
- Pivot point set at 55mm
- Specify glass thickness 10, 12 or 15mm
- Specify: PT40 highlight to sidelight corner pivot patch
- Specify: PT40S highlight to sidelight corner stop patch

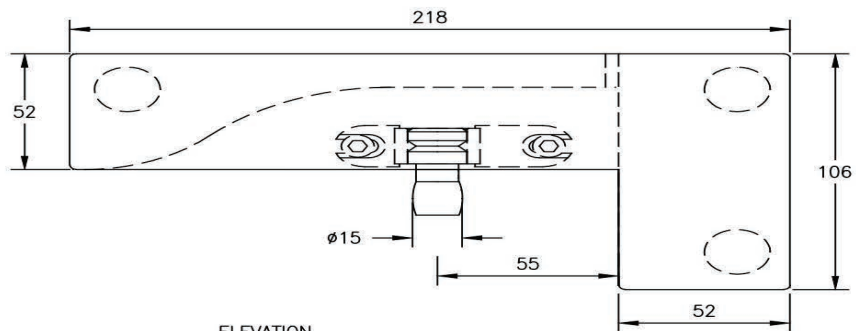
DETAIL



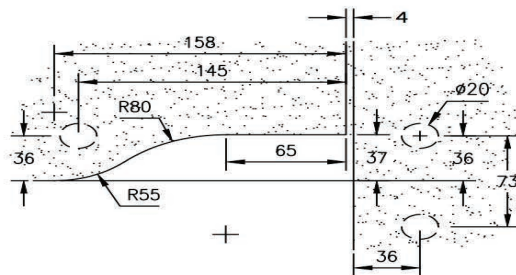
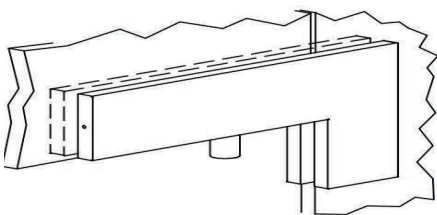
PT 40S STOP PATCH



END VIEW



ELEVATION

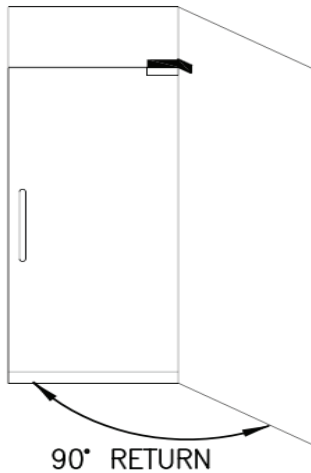


GLASS PREPARATION



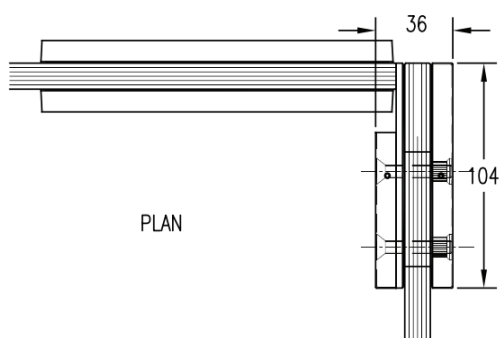
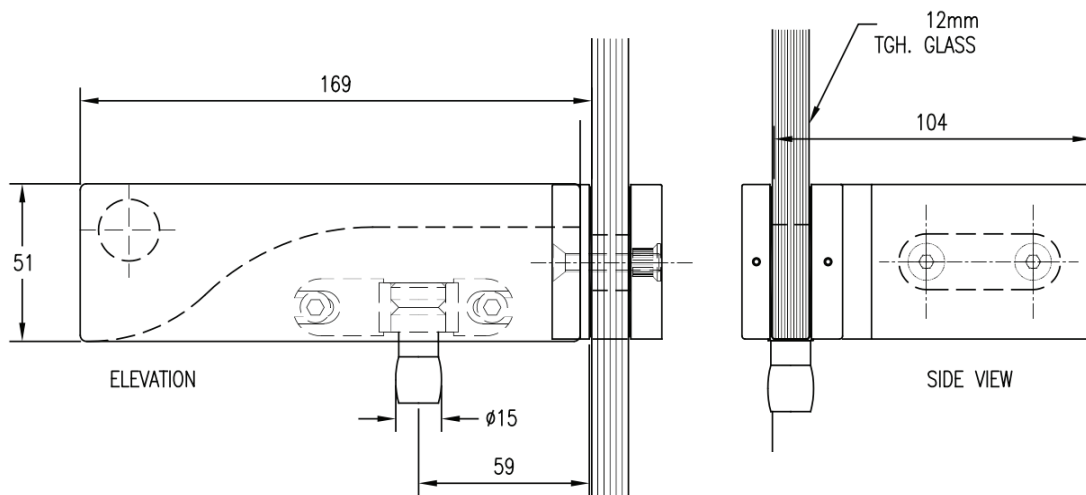
## PT40/90 Corner Link Patch with Return at 90 Degrees

INSITU APPLICATION

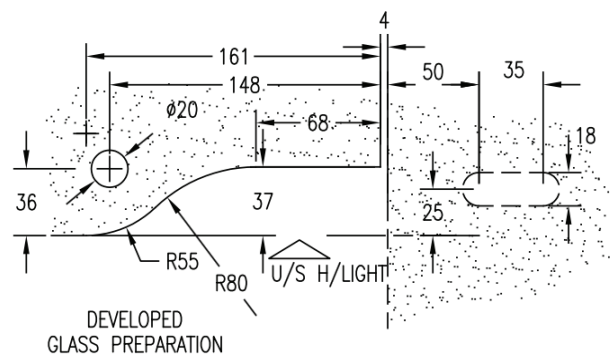


90° RETURN

DETAIL



PLAN



DEVELOPED  
GLASS PREPARATION

### AVAILABLE FINISHES

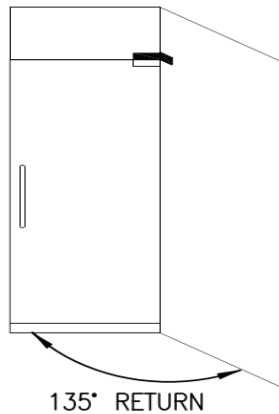
- Aluminium: MILL, SAA
- Stainless: SSS, PSS

### TECHNICAL DETAILS

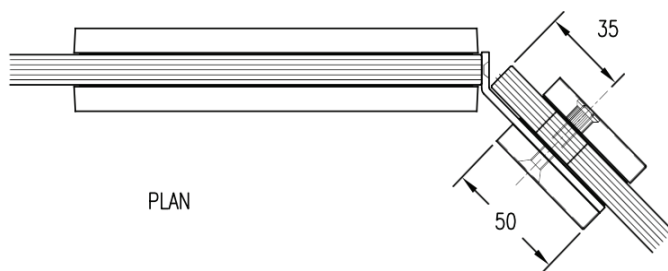
- Universal 51mm x 192mm high light to side light corner link patch with return at 90 degrees, fitted with PT30.1 adaptor set at 55mm to suit PT20 top patch
- Specify glass thickness 10, 12 or 15mm
- Specify handing LH / RH
- Specify PT30.1S stop insert if required
- Illustrated: PT40/90 RH

## PT40/135 Corner Link Patch with Return at 135 Degrees

INSITU APPLICATION



DETAIL

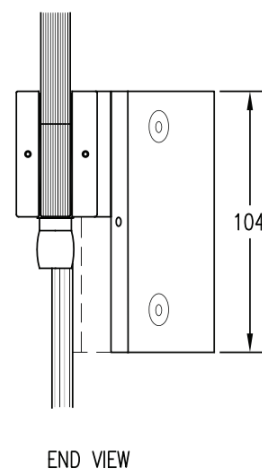
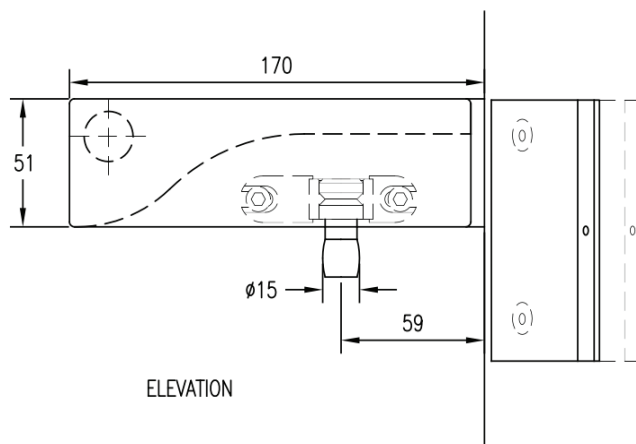
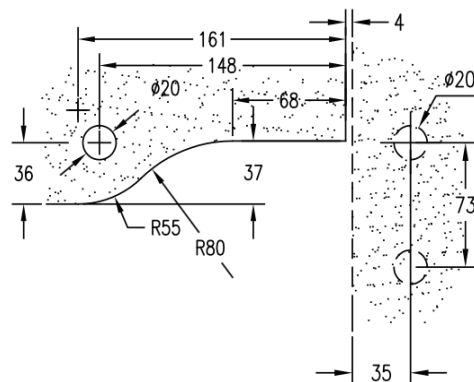


## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS

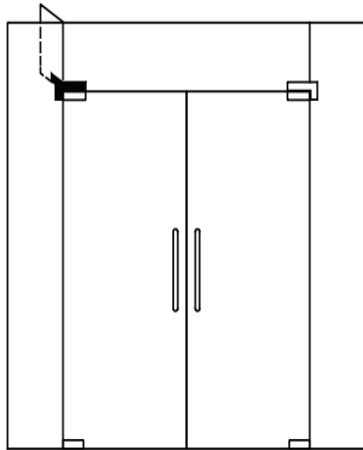
## TECHNICAL DETAILS

- Universal 104mm x 192mm x 50mm
- High light to side light corner link patch with return at 135 degrees, fitted with PT30.1 adaptor set at 55mm to suit PT20 top patch
- Specify glass thickness 10, 12 or 15mm
- Specify handing LH / RH
- Specify PT30.1S stop insert if required
- Illustrated: PT40/135 RH
- Note: manufactured to suit all angles of return, specify angle if required

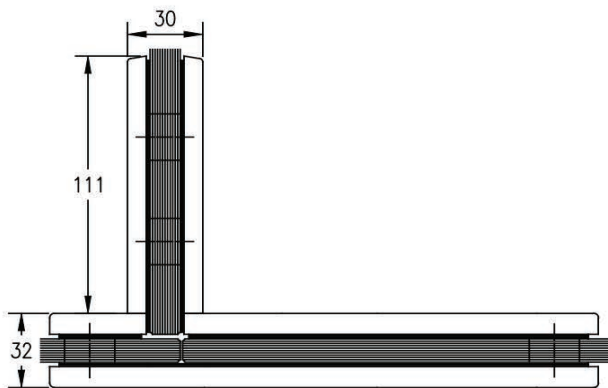


## PT41/41S Corner Link Patch with Fin Portion and Pivot

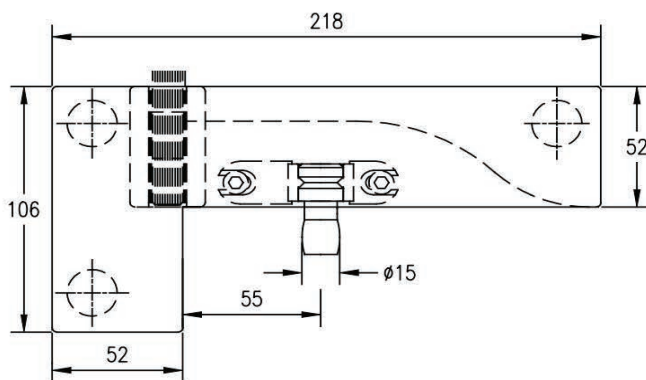
INSITU APPLICATION



DETAIL



PLAN



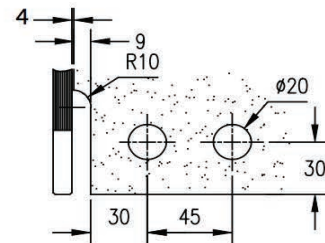
ELEVATION

### AVAILABLE FINISHES

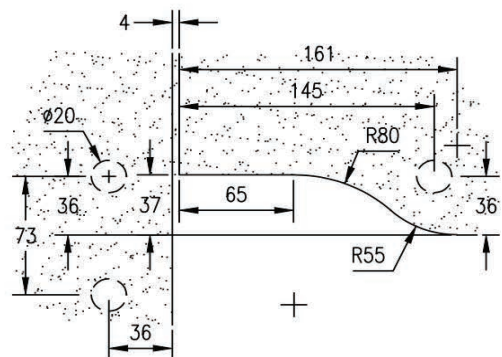
- Aluminium: MILL, SAA
- Stainless: SSS, PSS

### TECHNICAL DETAILS

- Universal 218mm x 106mm
- PT41 highlight to sidelight corner link patch with fin portion and pivot
- PT41S highlight to sidelight corner link patch with fin portion and stop insert
- Pivot point set at 55mm
- Specify glass thickness 10, 12 or 15mm
- Specify fin glass thickness 12 or 15mm
- Specify PT41S stop insert if required
- Specify handing LH / RH
- Illustrated: PT41 LH



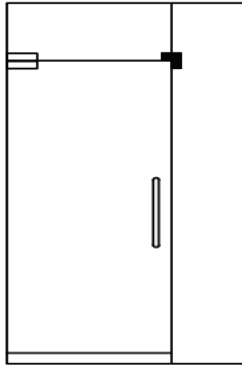
FIN GLASS PREPARATION



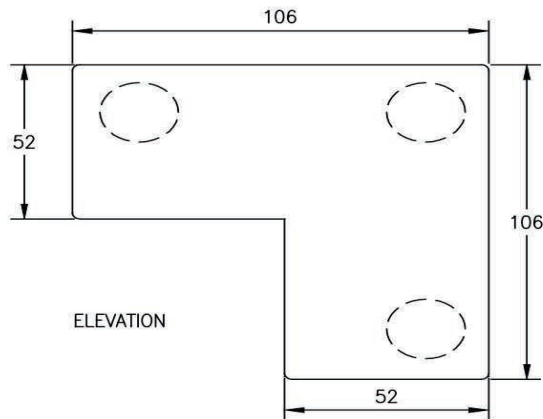
GLASS PREPARATION

## PT60/60S Corner Link Patch

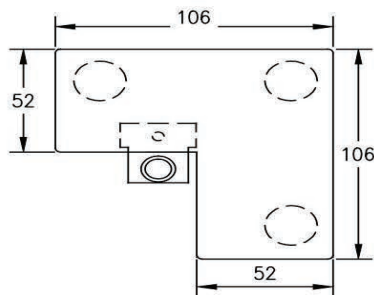
INSITU APPLICATION



DETAIL



ELEVATION



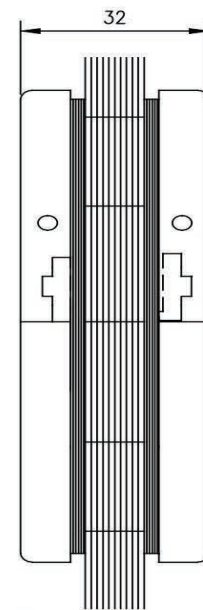
PT 60S STOP PATCH

## AVAILABLE FINISHES

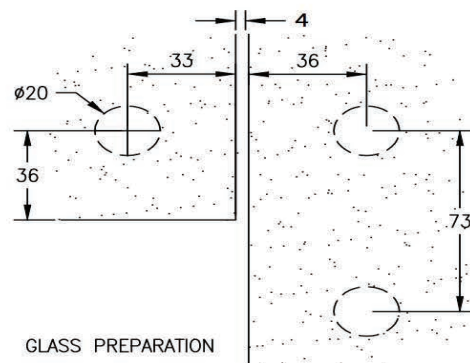
- Aluminium: MILL, SAA
- Stainless: SSS, PSS

## TECHNICAL DETAILS

- Universal 106mm x 106mm
- PT60 highlight to sidelight corner link patch
- PT60S highlight to sidelight corner link patch with stop insert
- Specify glass thickness 10, 12 or 15mm
- Specify CD60 highlight to sidelight corner link patch
- Specify CD60S highlight to sidelight corner stop patch



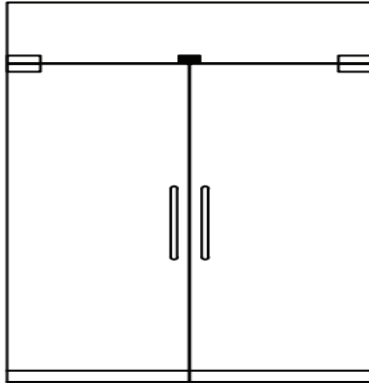
END VIEW



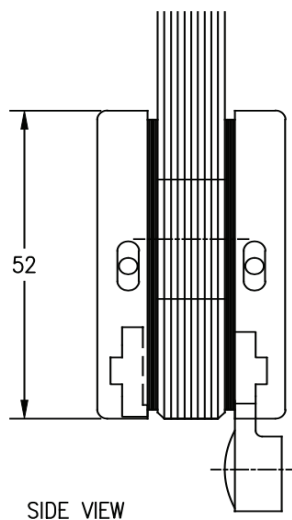
GLASS PREPARATION

**PT70/70S** Over Panel Connecting Patch

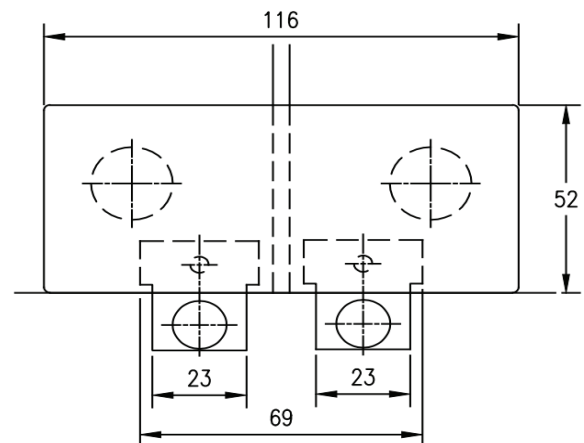
INSITU APPLICATION



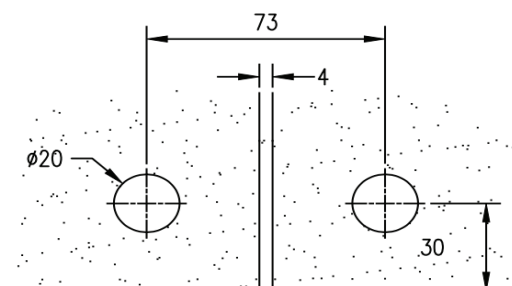
DETAIL



SIDE VIEW



ELEVATION



GLASS PREPARATION

**AVAILABLE FINISHES**

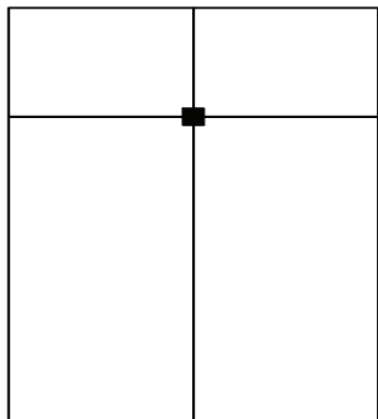
- Aluminium: MILL, SAA
- Stainless: SSS, PSS

**TECHNICAL DETAILS**

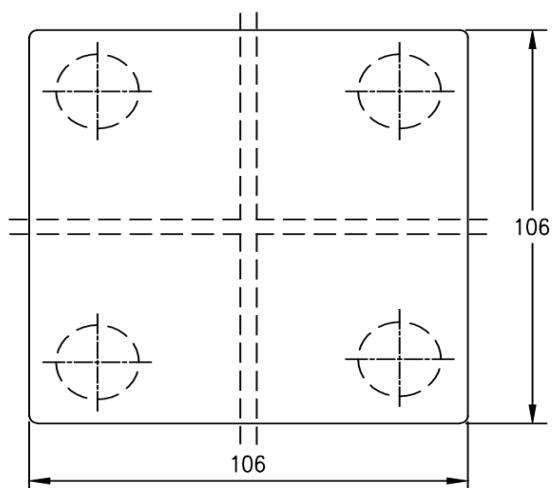
- Universal 116mm x 52mm
- PT70 over panel connecting patch for connecting 2 panels of glass
- PT70S over panel connecting patch with 2 x stop inserts
- Specify glass thickness 10, 12 or 15mm
- Note: PT70S illustrated

## PT80 Patch for Connecting 2 or 4 Panels

INSITU APPLICATION



DETAIL



ELEVATION



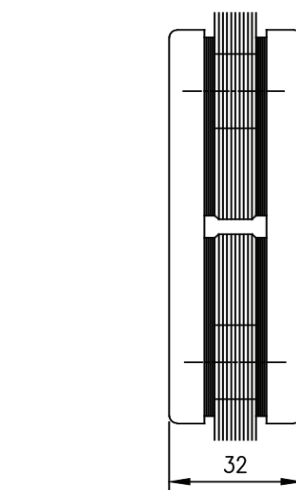
PLAN

## AVAILABLE FINISHES

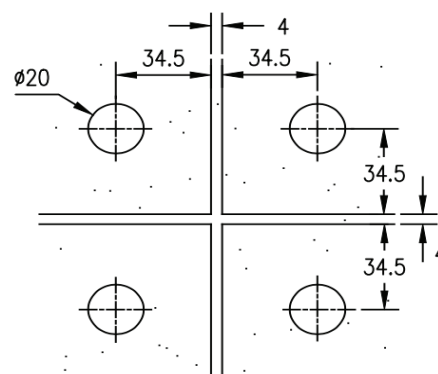
- Aluminium: MILL, SAA
- Stainless: SSS, PSS

## TECHNICAL DETAILS

- Universal 106mm x 106mm
- PT80 connecting link patch for connecting 2 or 4 panels of glass
- Specify glass thickness 10, 12 or 15mm



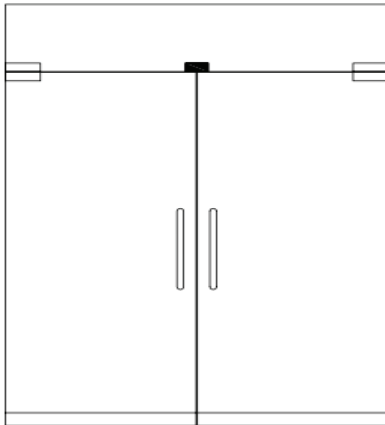
END VIEW



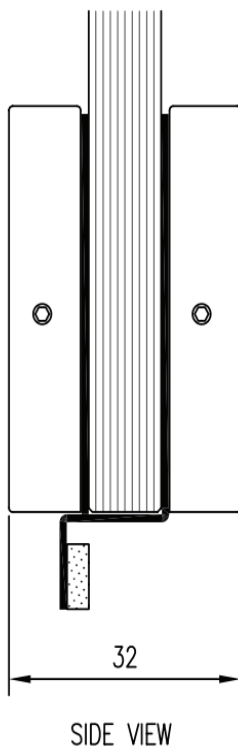
GLASS PREPARATION

**CD87 S/O High Light Slide Over Stop Patch**

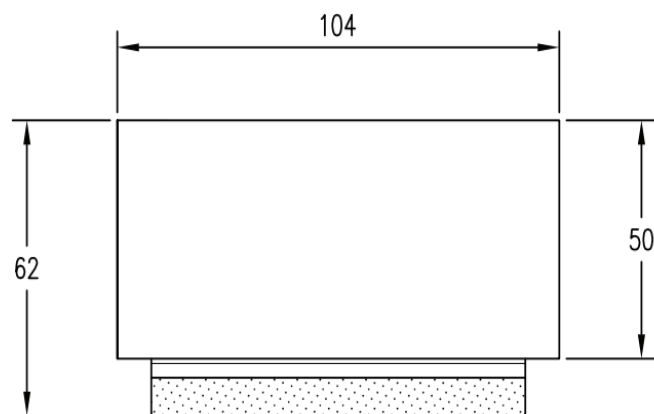
INSITU APPLICATION



DETAIL



SIDE VIEW



ELEVATION

**AVAILABLE FINISHES**

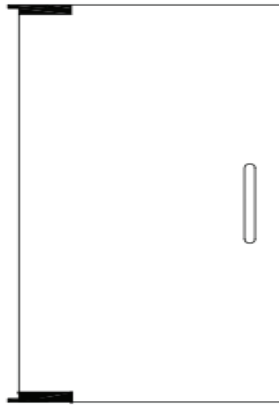
- Aluminium: MILL, SAA
- Stainless: SSS, PSS

**TECHNICAL DETAILS**

- On-eazi 50mm x 104mm high light slide over stop patch for retro fitting where high light is installed without hole preparation
- Specify glass thickness 10, 12 or 15mm
- Note: Patch to be adhered to glass with silicone

## 311.1 / 312.1 Lower and Upper Offset Patch Fitting

INSITU APPLICATION



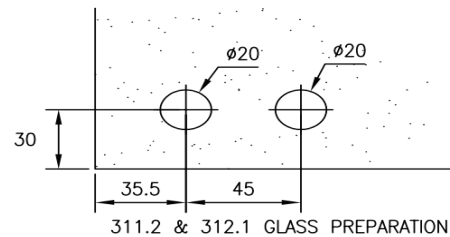
DETAIL

## AVAILABLE FINISHES

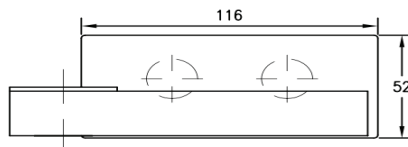
- Aluminium: SAA

## TECHNICAL DETAILS

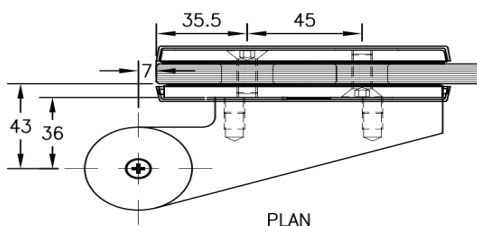
- Universal 52mm x 116mm
- 311.1 lower offset patch fitting
- 312.1 upper offset patch fitting to suit BTS floor springs, pivot bearing and upper pivots
- Specify glass thickness 10 or 12mm
- Specify handing LH / RH (Left hand drawn)
- Max door weight: 90kgs
- Max door width: 1000mm

**311.1**

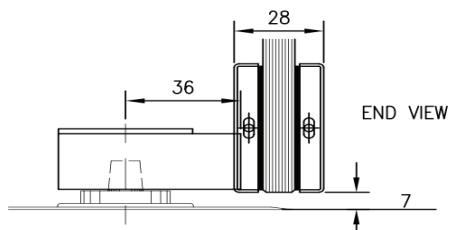
## LOWER OFFSET PATCH FITTING



ELEVATION



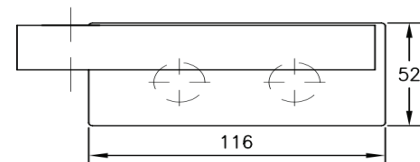
PLAN



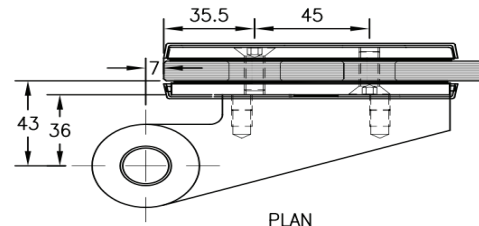
END VIEW

**312.1**

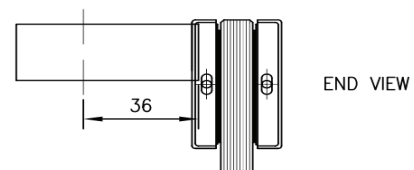
## UPPER OFFSET PATCH FITTING



ELEVATION



PLAN

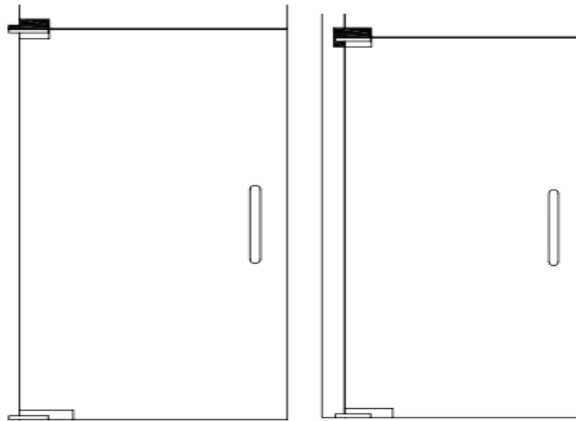


END VIEW



## 326.1 / 327.1 Overpanel Offset Patch Fitting

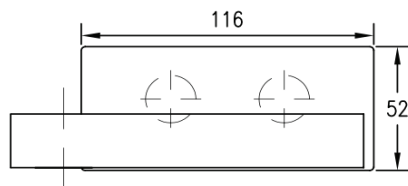
INSITU APPLICATION



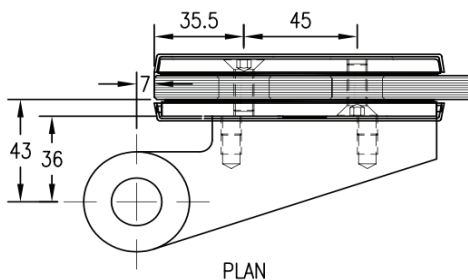
DETAIL

### 326.1

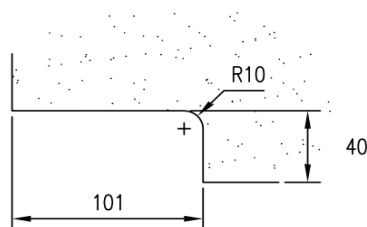
OVERPANEL OFFSET PATCH FITTING



ELEVATION



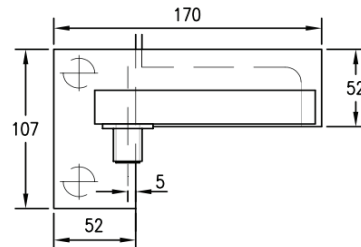
PLAN



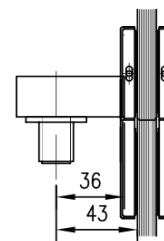
326.1 GLASS PREPARATION

### 327.1

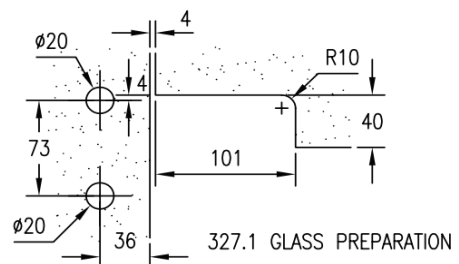
OVERPANEL/SIDELIGHT OFFSET PATCH FITTING



ELEVATION



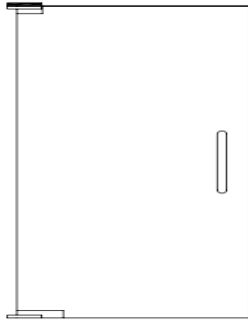
END VIEW



327.1 GLASS PREPARATION

## 33.9.1/2/3 Upper Offset Frame Portions

INSITU APPLICATION



DETAIL

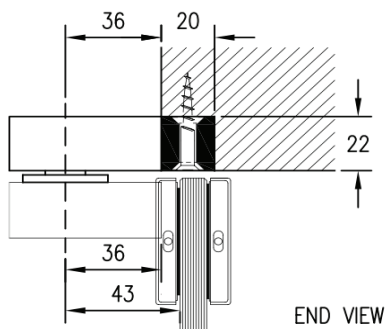
## AVAILABLE FINISHES

- Aluminium: SAA

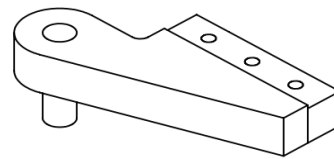
## TECHNICAL DETAILS

- Universal 339.1/2/3 upper offset frame portions to suit 312.1 upper offset patch fitting
- Specify handing LH / RH (Left hand drawn)
- Max door weight: 90kgs
- Max door width: 1000mm

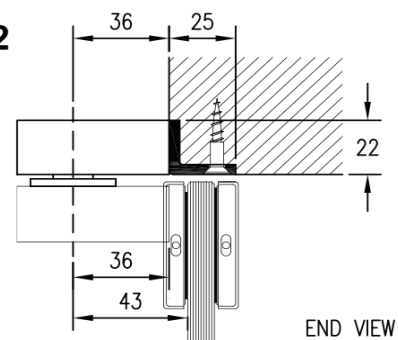
339.1



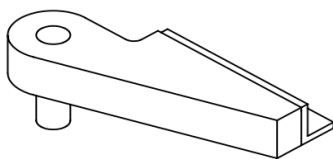
END VIEW



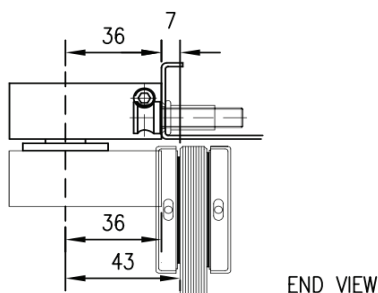
339.2



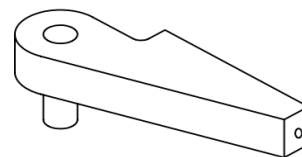
END VIEW



339.3

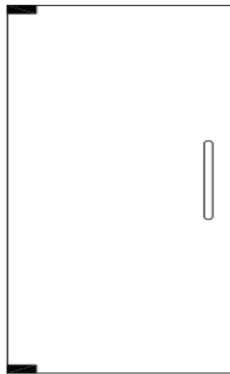


END VIEW



## 12.009 Small Door Pivot Set

INSITU APPLICATION



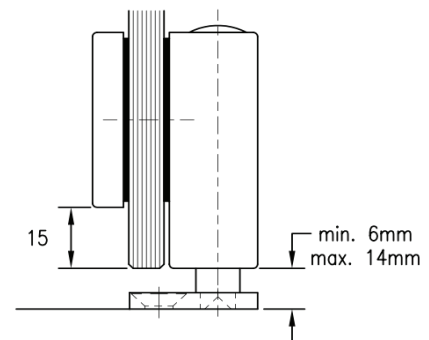
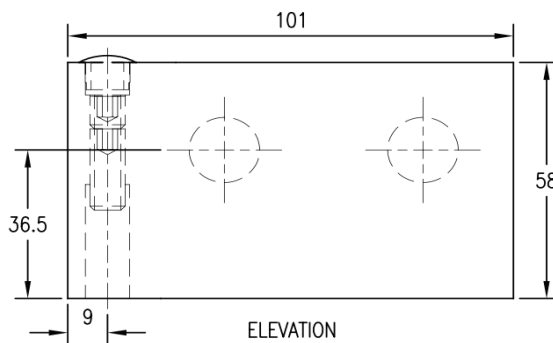
### AVAILABLE FINISHES

- Aluminium: SAA
- Stainless: SSS, PSS

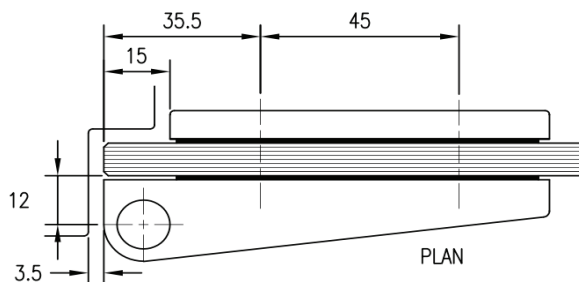
### TECHNICAL DETAILS

- Universal small door pivot set comprising of top and bottom patches with pivot bearing plates
- Specify glass thickness 8 or 10mm
- Specify 12.009.1 for floor pivot set
- Specify 12.009.2 for wall pivot set
- Max door weight: 35kgs
- Note: sold as a single door set

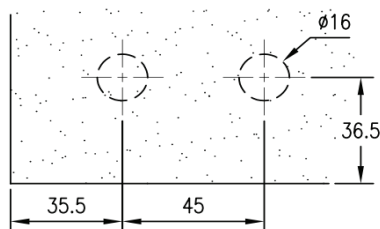
DETAIL



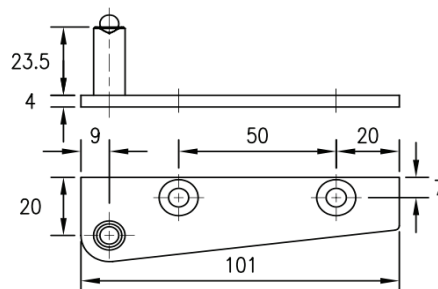
END VIEW



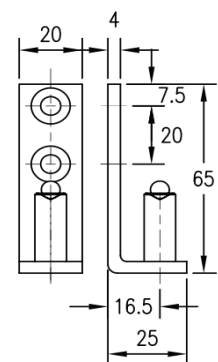
PLAN



GLASS PREPARATION



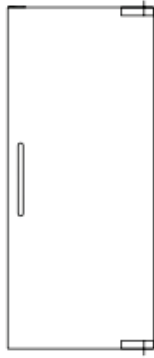
12.009.1 FLOOR PIVOT



12.009.2 WALL PIVOT

## CD33 Angle Door Stop

INSITU APPLICATION



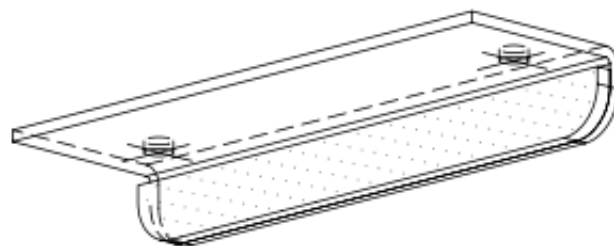
DETAIL

## AVAILABLE FINISHES

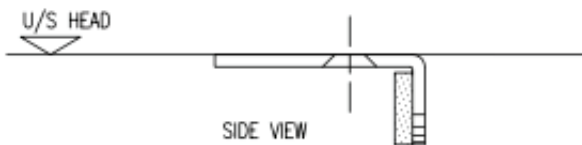
- Aluminium: MILL, SAA
- Stainless: SSS, PSS

## TECHNICAL DETAILS

- 35mm x 15mm x 110mm
- Angle door stop with rubber buffer for head or side fixing



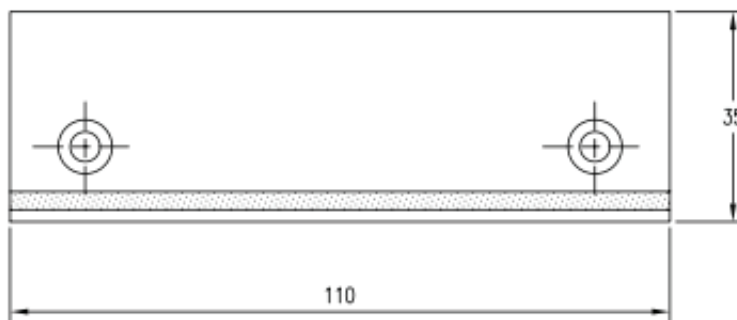
DOOR HEAD STOP



SIDE VIEW

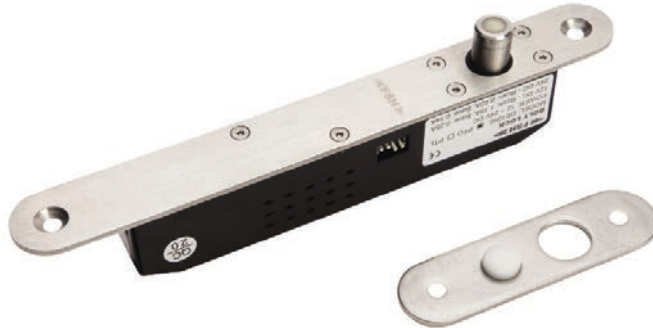


ELEVATION



REFLECTED PLAN

## DB1260 Standard Electric Drop Bolt Mortise Mount



### PRODUCT DESCRIPTION

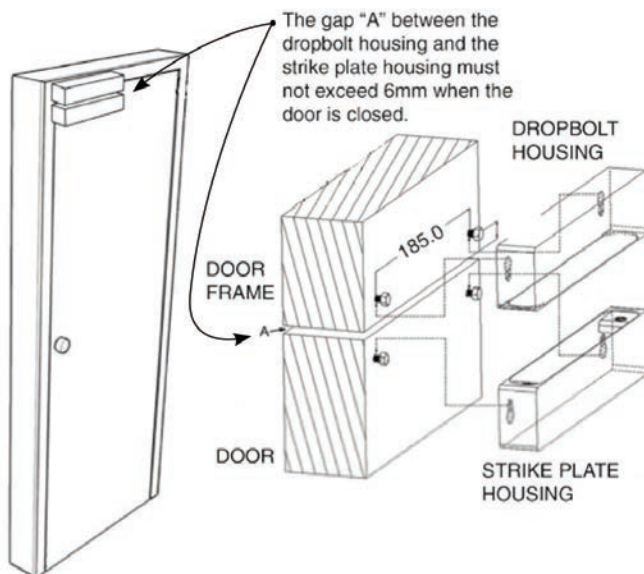
The DB1260 is designed for installation on narrow frame swing doors, and/or glass door mounting. The drop bolt body depth of 35mm will fit into a 44mm depth door frame. The drop bolt is available in either "Power To Lock" or "Power To Release" format.

### TECHNICAL DETAILS

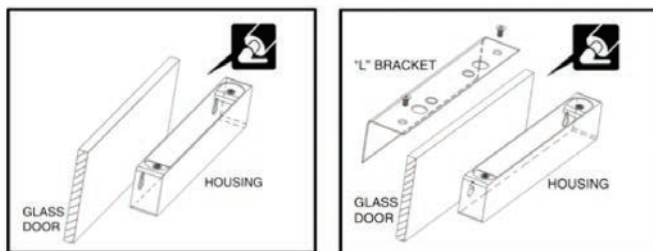
- Slimline mortise mount drop bolt
- Maximum glass hold up to 300kg
- 12VDC 1.15A(in-rush) 250mA holding
- Door sensor, Remote release, Bi-coloured LED & Audible tone
- L= 210 x W= 25 x D= 35mm

### PRODUCT FEATURES

- Internal control circuits protect drop bolt pin from damage
- Power To Lock or Power To Release (to be specified)
- Auto lock function
- Built-in varistor (MOV) for surge protection
- Time delay setting at 0/3/6/10 secs
- 1 year warranty

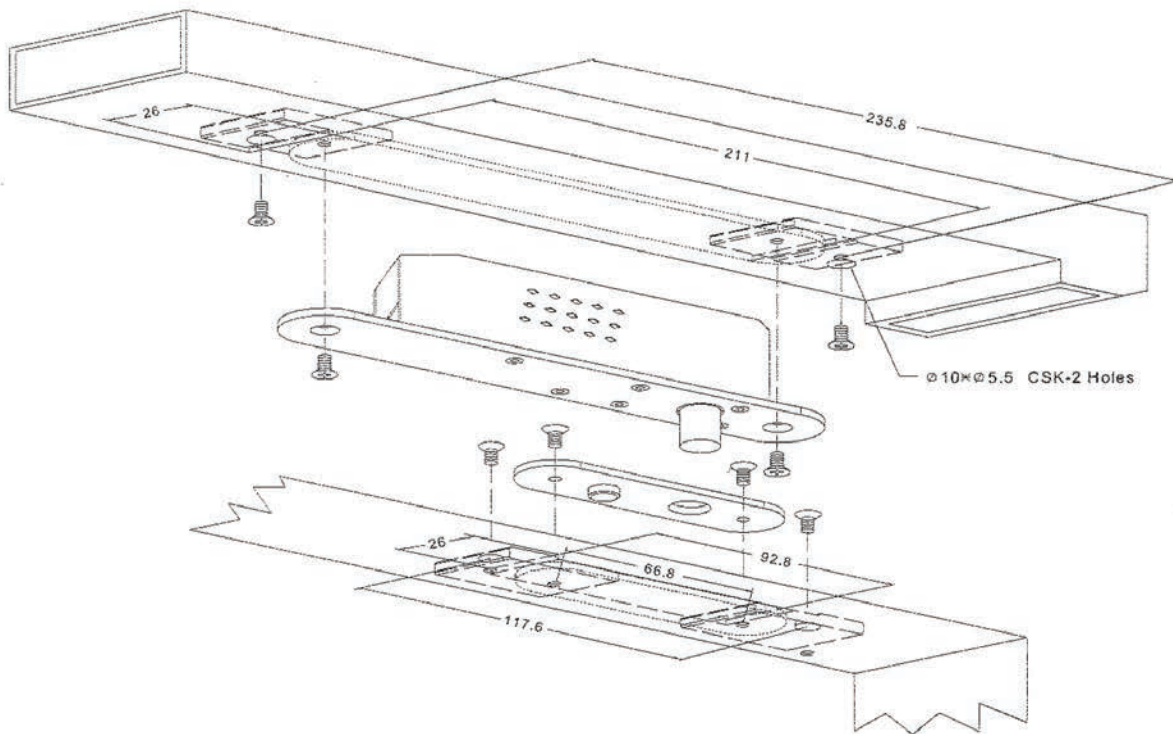


### GLASS DOOR INSTALLATION

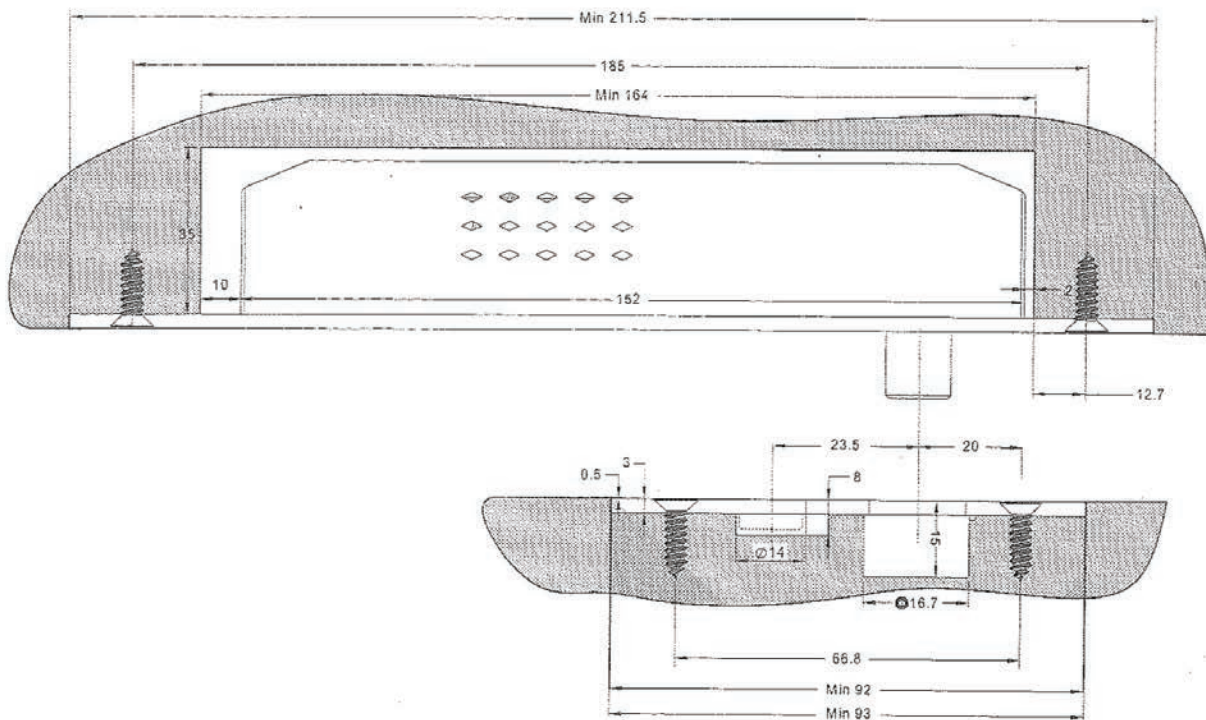


## DOOR INSTALLATION Aluminium and Wooden

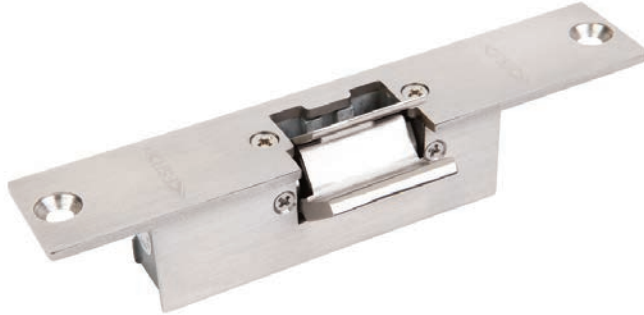
## ALUMINIUM



## WOODEN



## FES4012 Glass Door Strike



## PRODUCT DESCRIPTION

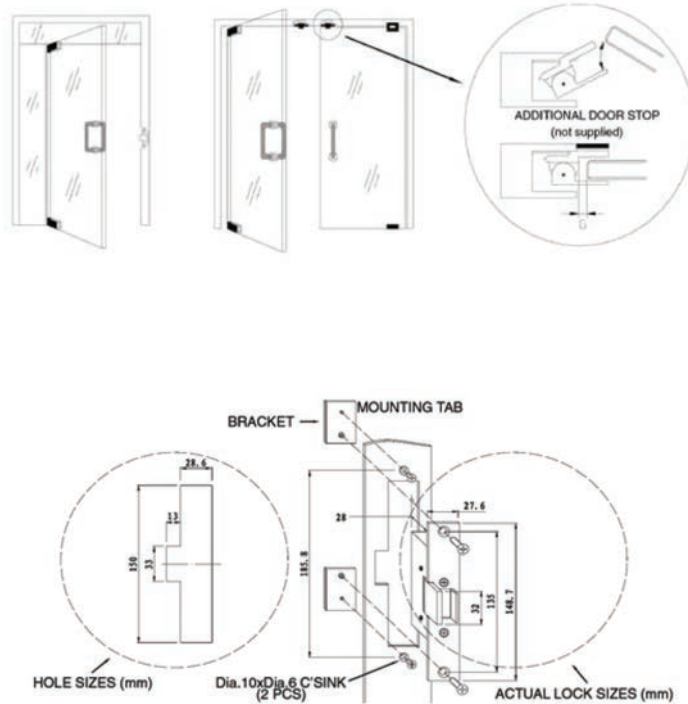
The FES4012 is suitable for single action 90°+ degree hinged glass door installations. The device is not suitable for double action 180° degree swing through doors.

## TECHNICAL DETAILS

- Mortise mount, Power to lock glass door electric strike
- Maximum glass hold up to 300kg
- 12VDC/240mA
- Non monitored
- L= 148.7 x W= 27.6 x D= 30.1mm

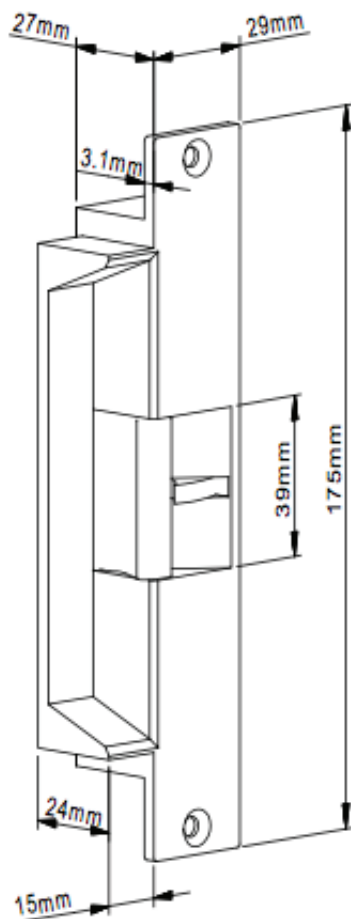
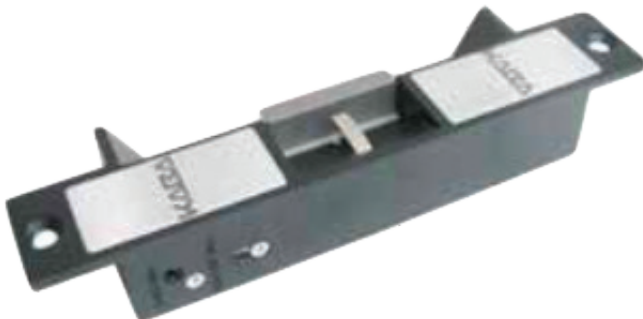
## PRODUCT FEATURES

- Power To Lock
- 304 stainless steel faceplate
- 304 stainless steel lock body
- Easy installation
- Low power consumption and low temperature
- Continuous operation
- Used on glass thickness from 10 to 12mm





## KES2200 Fully Monitored Electric Strike

**PRODUCT DESCRIPTION**

The KES2200 Series is a high security electric strike, offering a single model including switch monitoring of latch, strike and solenoid, variable voltage from 12VDC/AC to 28VDC/AC, a fast and convenient interchangeable fail safe/fail secure function (changeable on site).

The construction of housing and keeper are of stainless steel and include pre-drilled holes for optional extension lips.

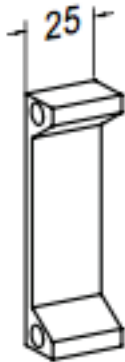
**TECHNICAL DETAILS**

- Operating voltage variable 12-24VDC
- Voltage tolerance +/- 15%
- Current draw: 12VDC/190mA, 24VDC/130mA (at temperature 20 degrees)
- Latch/Keeper micro switch rating: 1A/125VAC
- Operating temperature: -10-45 degrees
- Humidity 0-95%
- Cycle test to 1 million cycles
- 2 hour fire rating
- CE Certified
- C-Tick

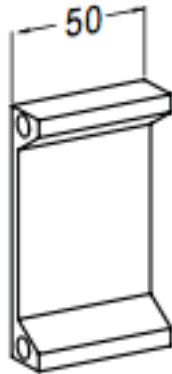
**PRODUCT FEATURES**

- Fail safe / fail secure interchangeable
- Variable voltage 12-24VDC
- Suits latch depth up to 15mm
- Monitored latch, strike and solenoid
- Pre-drilled for optional extension lips
- Includes mounting tabs for metal frame
- Solid stainless steel construction

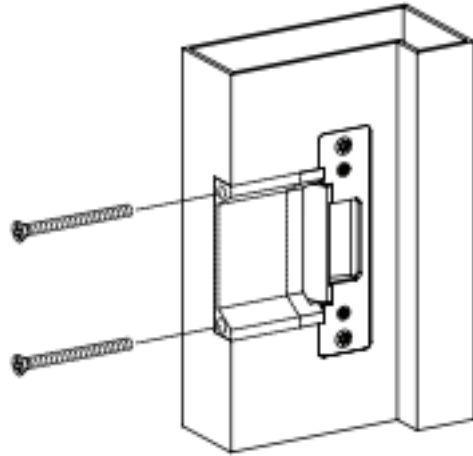


**KESLP2225 / KESLP2250** Optional accessories for KES2200

KESLP2225



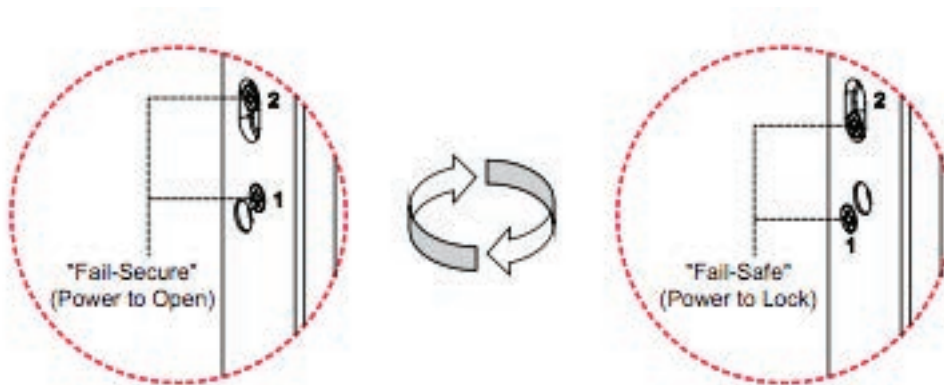
KESLP2250

**TECHNICAL DETAILS**

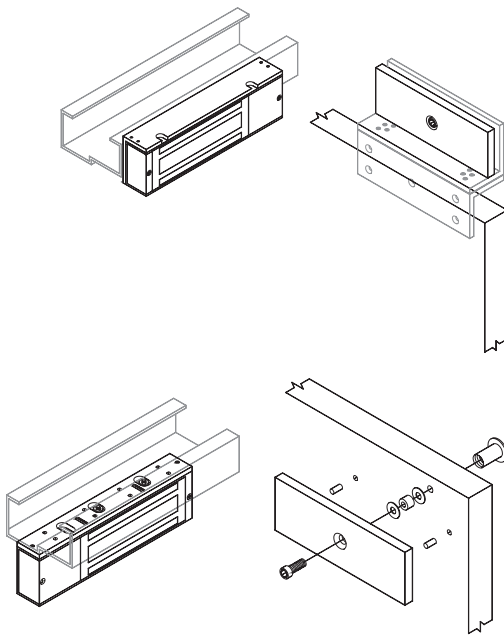
- KESLP2225 - Lip extension 25mm, suit KES2200
- KESLP2250 - Lip extension 50mm, suit KES2200

**VERSION CHANGEABLE**

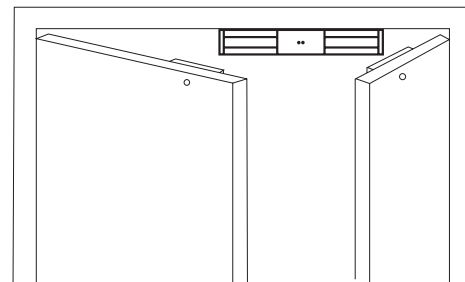
- The KES2200 Series Electric Strike can easily be changed between fail safe and fail secure modes



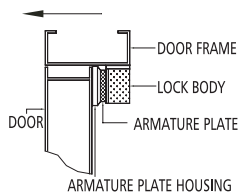
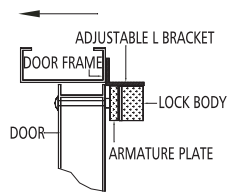
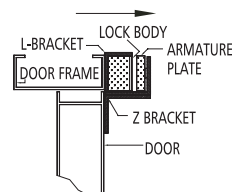
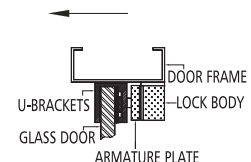
## KML-6 Electromagnetic Lock



TYPICAL INSTALLATION



INSTALLATION POSITIONS – DOUBLE DOORS

USE B0001  
Armature Plate HousingUSE B1001  
L Adjustable BracketUSE B1002  
L & Z BracketUSE U185  
U Bracket for Glass Door

### PRODUCT DESCRIPTION

The KML-6 is a surface mounted electromagnetic lock which can be used on single doors.

It has a holding force 540KGS and dual voltage with both lock and door sensor. It also features a built-in voltage spike suppressor and is C-Tick, UL Listed, CE approved and has a 2 hour fire rating.

### PRODUCT FEATURES

- Surface mounted – Single doors
- LED monitor
- Built-in voltage spike suppressor
- Lock sensor (hall effect IC)
- Door status sensor (reed switch)
- Anti residual magnetism device (ARM)

### TECHNICAL DETAILS

- Lock: \*266L x 73W x 40D(mm)  
\*including mounting plate
- Armature Plate: 185L x 61W x 16T(mm)
- Holding Force: 5,400N (540kg)
- Voltage: 12/24VDC
- Current Draw: 500mA/12VDC, 250mA/24VDC
- Material: Brushed anodized aluminium housing / Zinc plated steel armature

## KML-10 Electromagnetic Lock



### PRODUCT DESCRIPTION

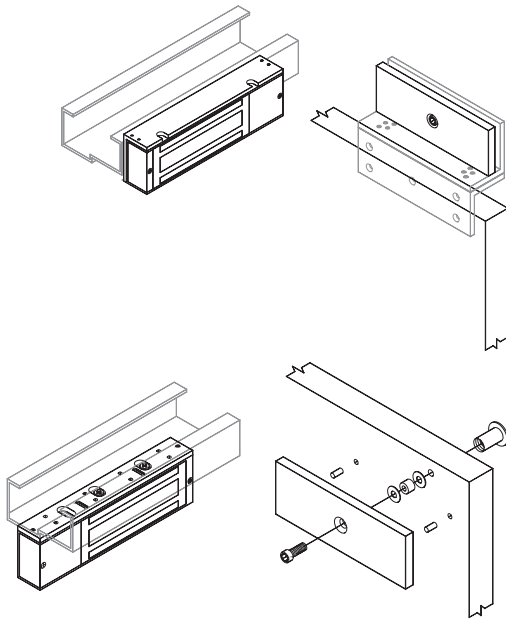
The KML-10 is a surface mounted double electro-magnetic lock which can be used for double doors. It has a holding force 540KGS and dual voltage with both lock and door sensor. It also features a built-in voltage spike suppressor and is C-Tick, UL Listed, CE approved and has a 2 hour fire rating.

### PRODUCT FEATURES

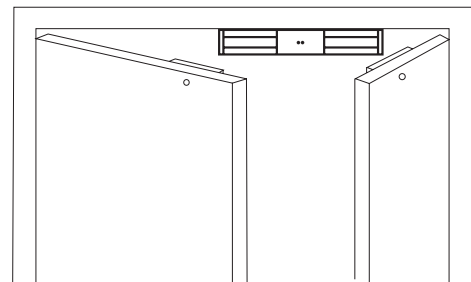
- Surface mounted – Double doors
- LED monitor
- Built-in voltage spike suppressor
- Hall effect monitoring
- Lock sensor (hall effect IC)
- Door status sensor (reed switch)
- Anti residual magnetism device (ARM)

### TECHNICAL DETAILS

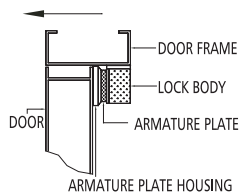
- Lock: \*532L x 73W x 40D(mm)  
\*including mounting plate
- Armature Plate: 185L x 61W x 16T(mm)
- Holding Force: 5,400N (540kg)
- Voltage: 12/24VDC
- Current Draw: 500mA/12VDC, 250mA/24VDC
- Material: Brushed anodized aluminium housing / Zinc plated steel armature



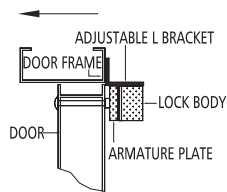
TYPICAL INSTALLATION



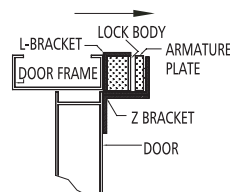
INSTALLATION POSITIONS – DOUBLE DOORS



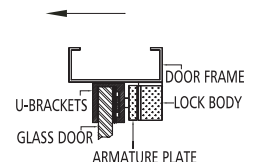
USE B0001  
Armature Plate Housing



USE B1001  
L Adjustable Bracket



USE B1002  
L & Z Bracket



USE U185  
U Bracket for Glass Door

**B0001** Armature Plate Housing for KML-6 & KML-10 (x2)**TECHNICAL DETAILS**

- 200L x 76W x 15D(mm)

**B0011** Armature Plate Housing for KML-2H**TECHNICAL DETAILS**

- 200L x 55W x 15D(mm)

**B1001** L Adjustable Bracket for KML-6 & KML-10 (x2)**TECHNICAL DETAILS**

- 266L x 76W x 38D(mm)

**B1002** L & Z Bracket for KML-6 & KML-10 (x2)**TECHNICAL DETAILS**

- L Bracket 266L x 76W x 46D(mm)
- Z Bracket 185L x 63.5W x 63.5D (mm)

## B1011 L Adjustable Bracket for KML-2H



### TECHNICAL DETAILS

- 250L x 48W x 30D(mm)

## B1012 L & Z Bracket for KML-2H



### TECHNICAL DETAILS

- 250L x 48W x 30D(mm)

## B1022 L & Z Bracket for KML-CCW30



### TECHNICAL DETAILS

- L Bracket 166L x 42W x 30D(mm)
- Z Bracket 166L x 38W x 38D

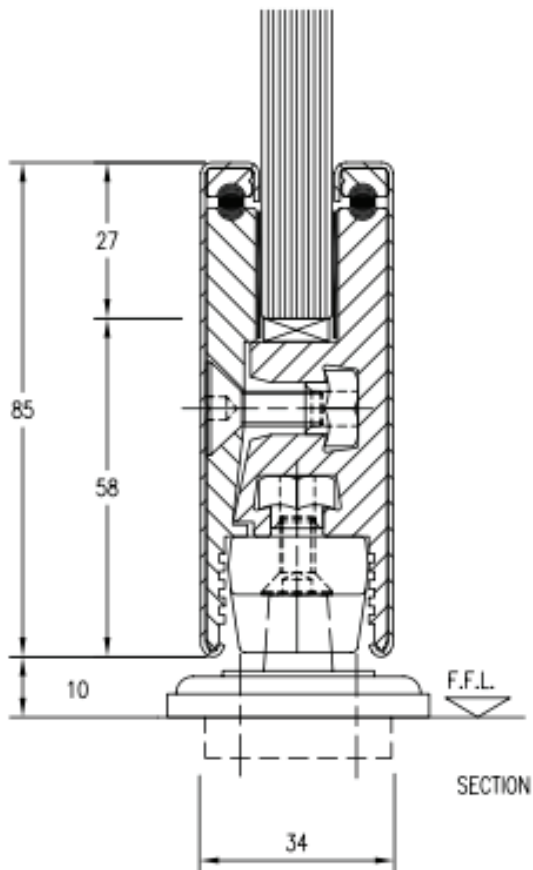
## U-185 U Bracket Glass Door for KML-6, KML-10 (x2) & KML-2H



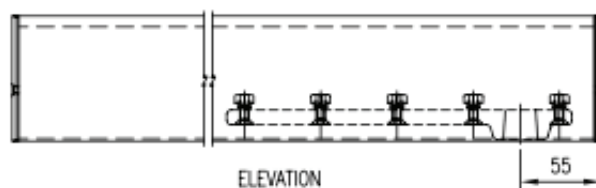
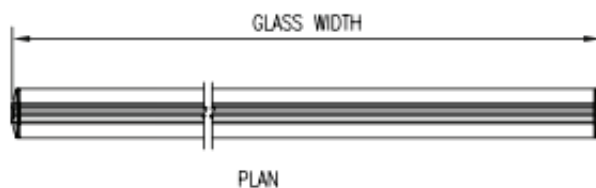
### TECHNICAL DETAILS

- Suits 10-12mm thick glass
- 185L x 62W x 33D (mm)

## CDS41 Door Rail



DETAIL



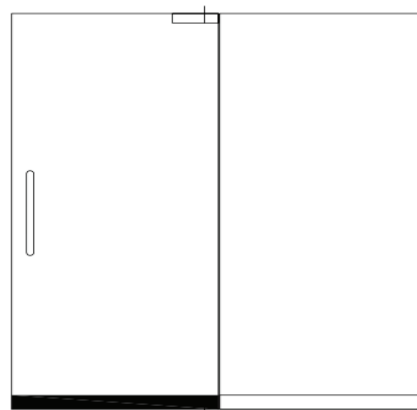
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

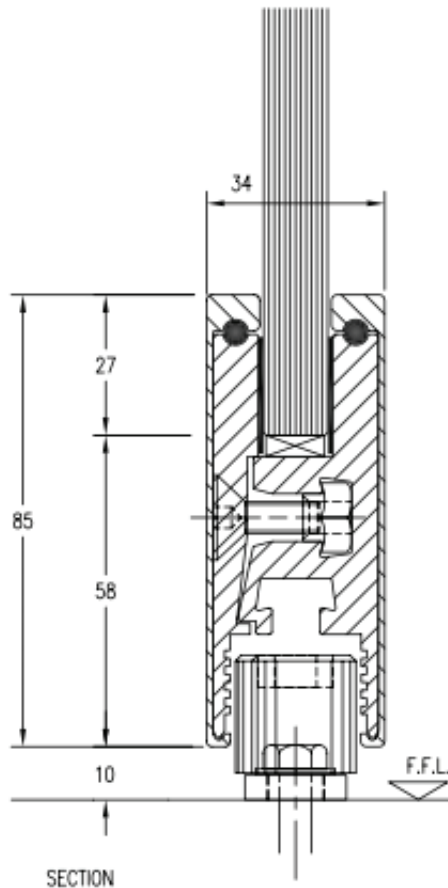
## TECHNICAL DETAILS

- On-Eazi 85mm high bottom door rail complete with bottom adaptor to suit BTS floor springs and floor pivots
- Adjustable pivot point set at 55mm or specify as required
- Specify glass thickness 10, 12, 15 or 19mm
- Alternative rail cover heights on application
- Max door weight: 150kgs
- Illustrated with CD355 floor pivot

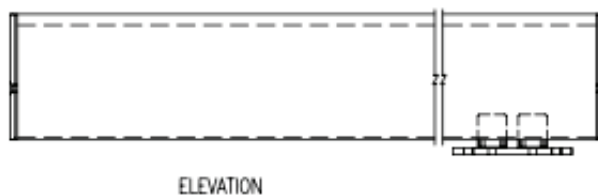
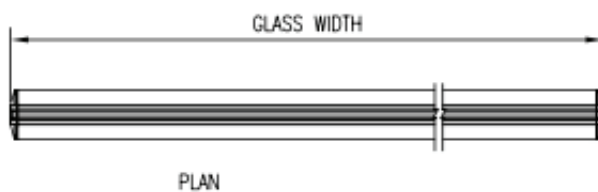
## INSITU APPLICATION



## CDS41S Door Rail



DETAIL



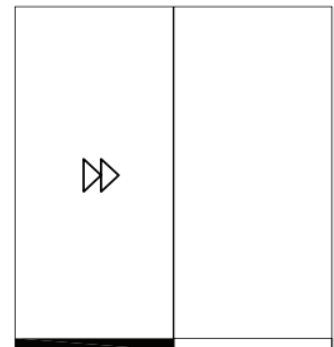
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

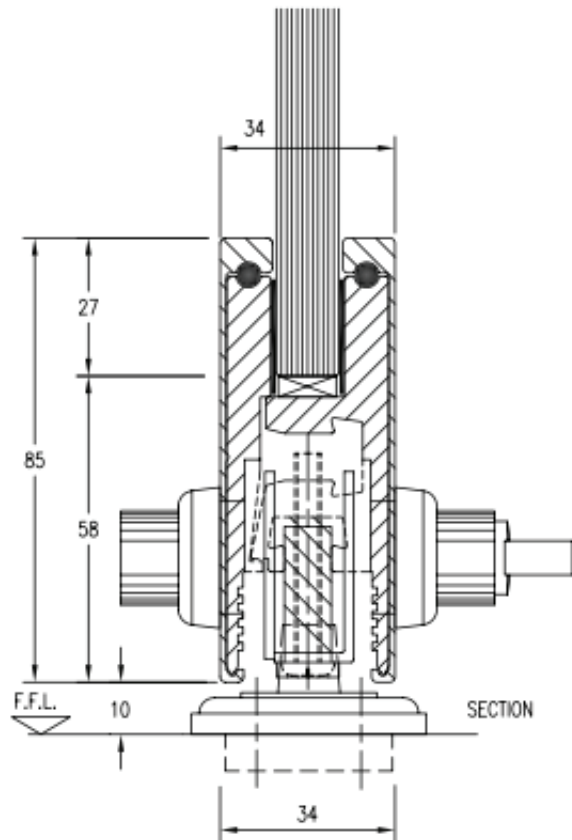
## TECHNICAL DETAILS

- On-Eazi 85mm high bottom door rail to suit automatic or manual sliding doors
- Specify glass thickness 10, 12, 15 or 19mm
- Alternative rail cover heights on application
- Illustrated with CD03 internal roller guide

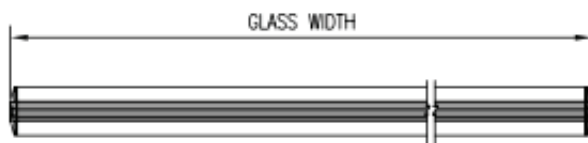
## INSITU APPLICATION



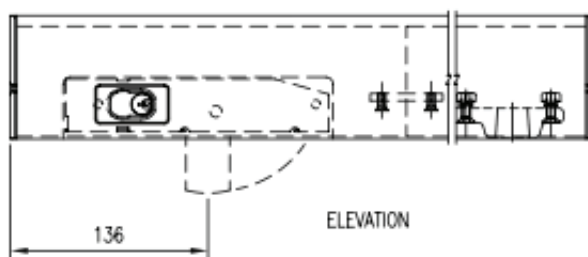
## CDS42 Door Rail



DETAIL



PLAN



ELEVATION

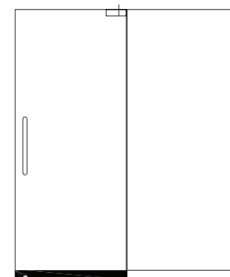
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

## TECHNICAL DETAILS

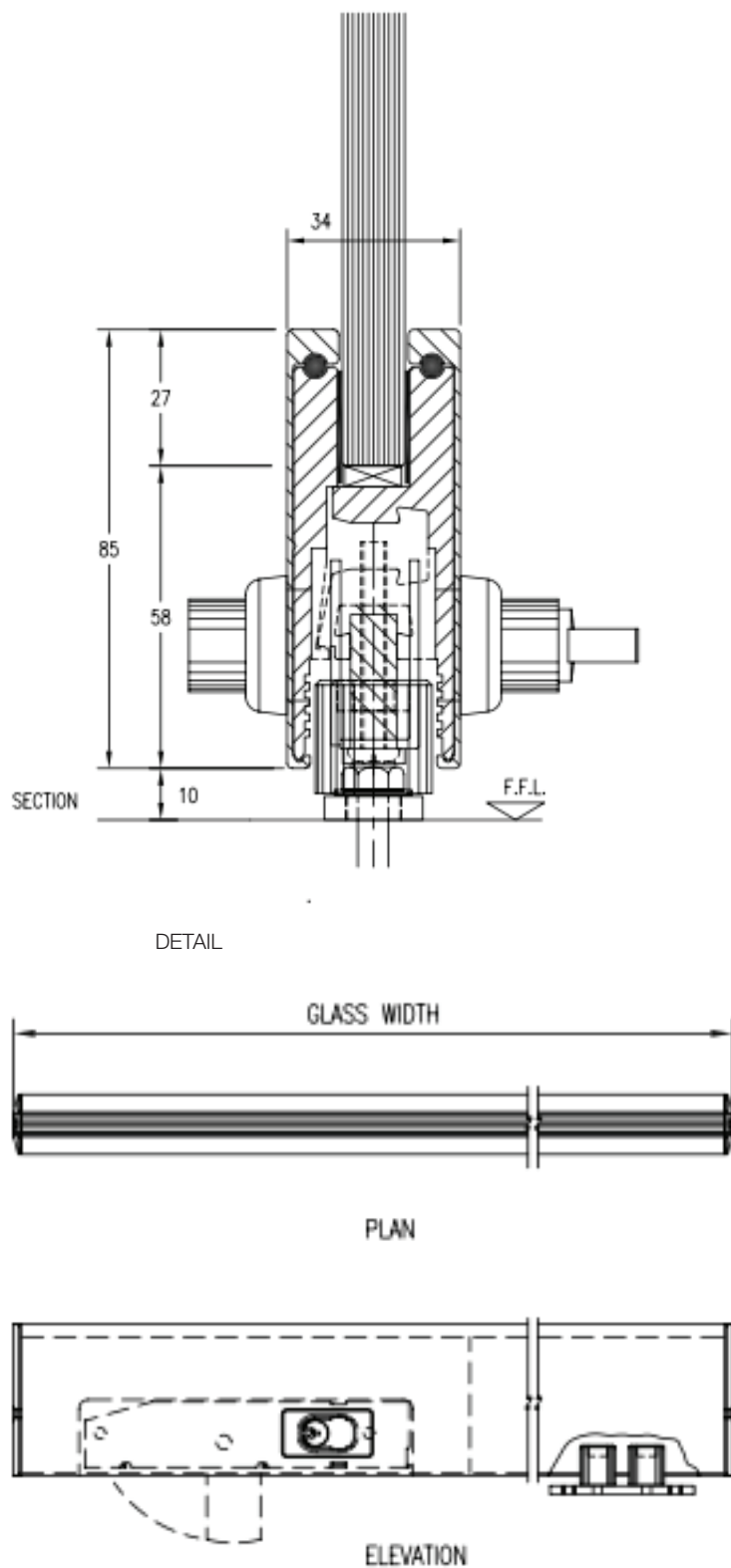
- On-Eazi 85mm high bottom door rail complete with bottom adaptor and door lock (DC590) to suit BTS floor springs and flood pivots
- Adjustable pivot point set at 55mm or specify as required
- Specify glass thickness 10, 12, 15 or 19mm
- Specify lock operation either single cylinder, double cylinder or cylinder and turn
- Alternate rail cover heights on application
- Max door weight: 150kgs
- Illustrated with CD355 floor pivot

## INSITU APPLICATION





## CDS42S Door Rail



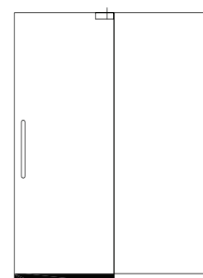
## AVAILABLE FINISHES

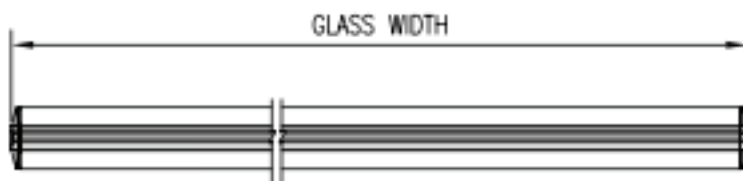
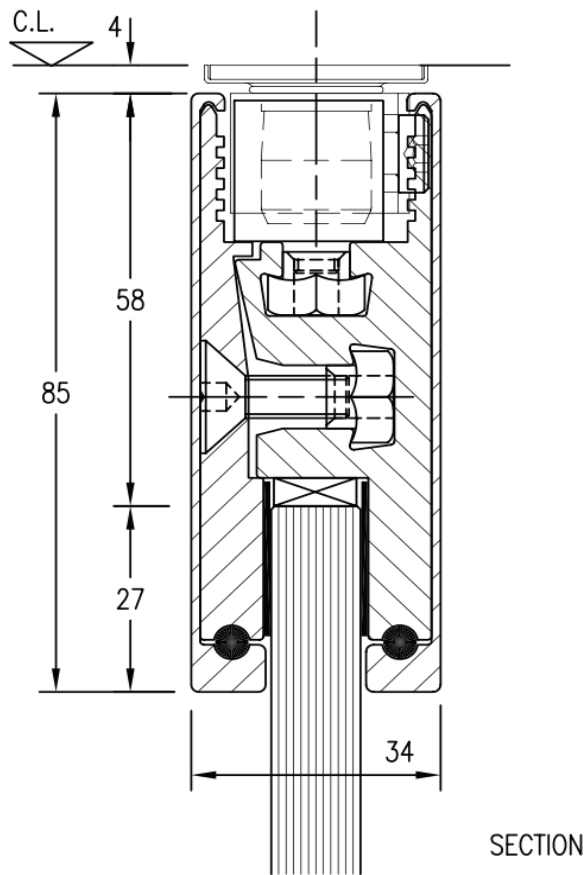
- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

## TECHNICAL DETAILS

- On-Eazi 85mm high bottom door rail complete with door lock (DC590) to suit automatic or manual sliding doors.
- Specify lock operation either single cylinder, double cylinder or cylinder and turn
- Specify glass thickness 10, 12, 15 or 19mm
- Alternative rail cover heights on application
- Illustrated with CD03 internal roller guide

## INSITU APPLICATION

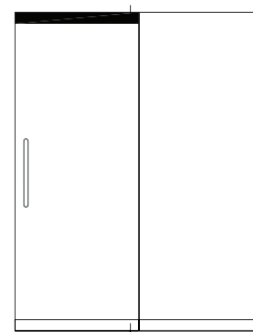


**CDS43 Door Rail****AVAILABLE FINISHES**

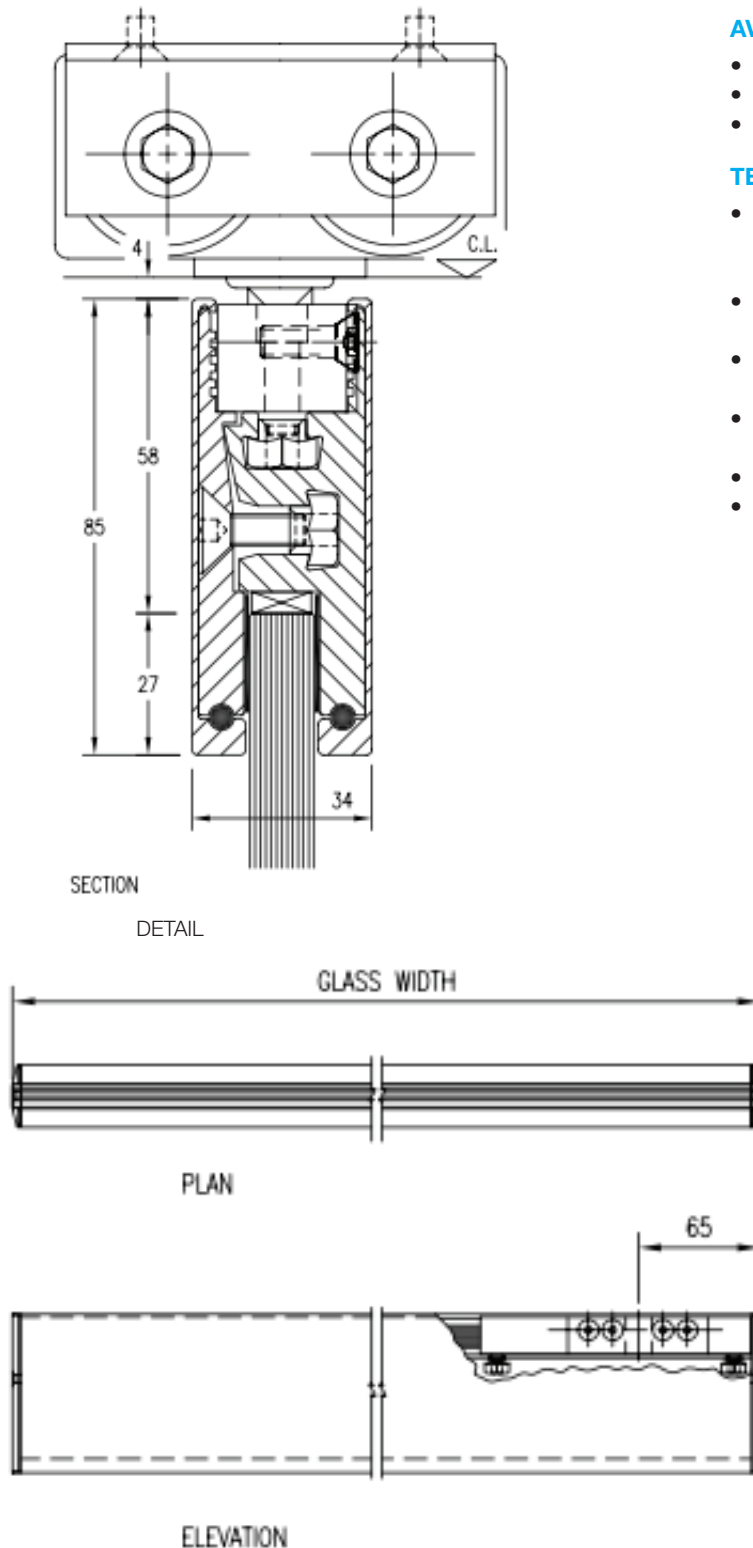
- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

**TECHNICAL DETAILS**

- On-Eazi 85mm high top door rail complete with side load adaptor to suit CD58 15mm diameter top pivot
- Adjustable pivot point set at 55mm or specify as required
- Specify glass thickness 10, 12, 15 or 19mm
- Alternative rail cover heights on application
- Illustrated with CD58 top pivot

**INSITU APPLICATION**

## CDS43RTS Door Rail



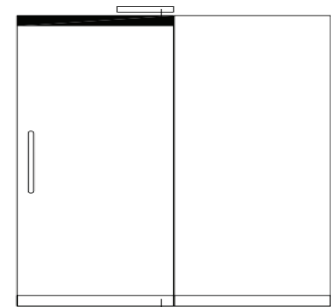
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

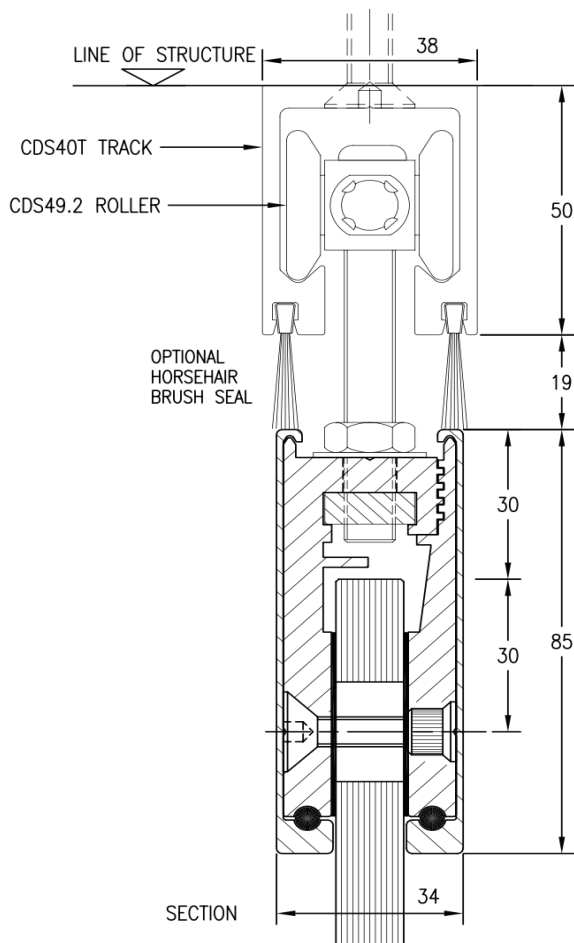
## TECHNICAL DETAILS

- On-Eazi 85mm tap door rail complete with side load RTS top adaptor to suit RTS85 transom closers
- Adjustable pivot point set at 65mm or specify as required
- Specify glass thickness 10, 12, 15 or 19mm
- Alternative rail cover heights on application
- Illustrated with RTS85 transom closer
- NOTE: when ordering bottom rail to suit specify 65mm pivot point

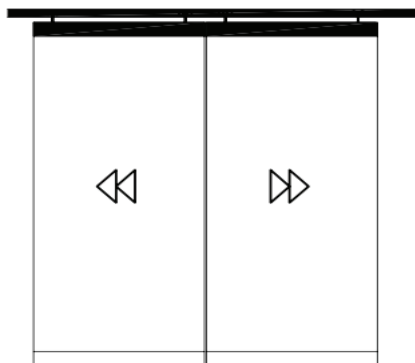
## INSITU APPLICATION



## CDS43S Door Rail



INSITU APPLICATION

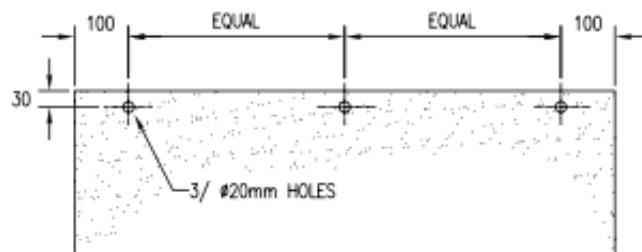


## AVAILABLE FINISHES

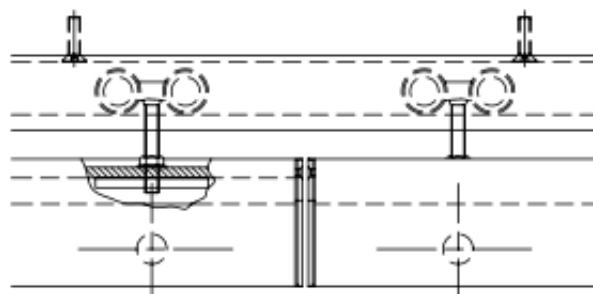
- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

## TECHNICAL DETAILS

- On-Eazi 85mm high bolt through top door rail to suit most automatic or manual sliding door systems
- Specify glass thickness 10, 12, 15 or 19mm
- Alternative rail cover heights on application
- Illustrated with CDS40T and CDS49.2 roller

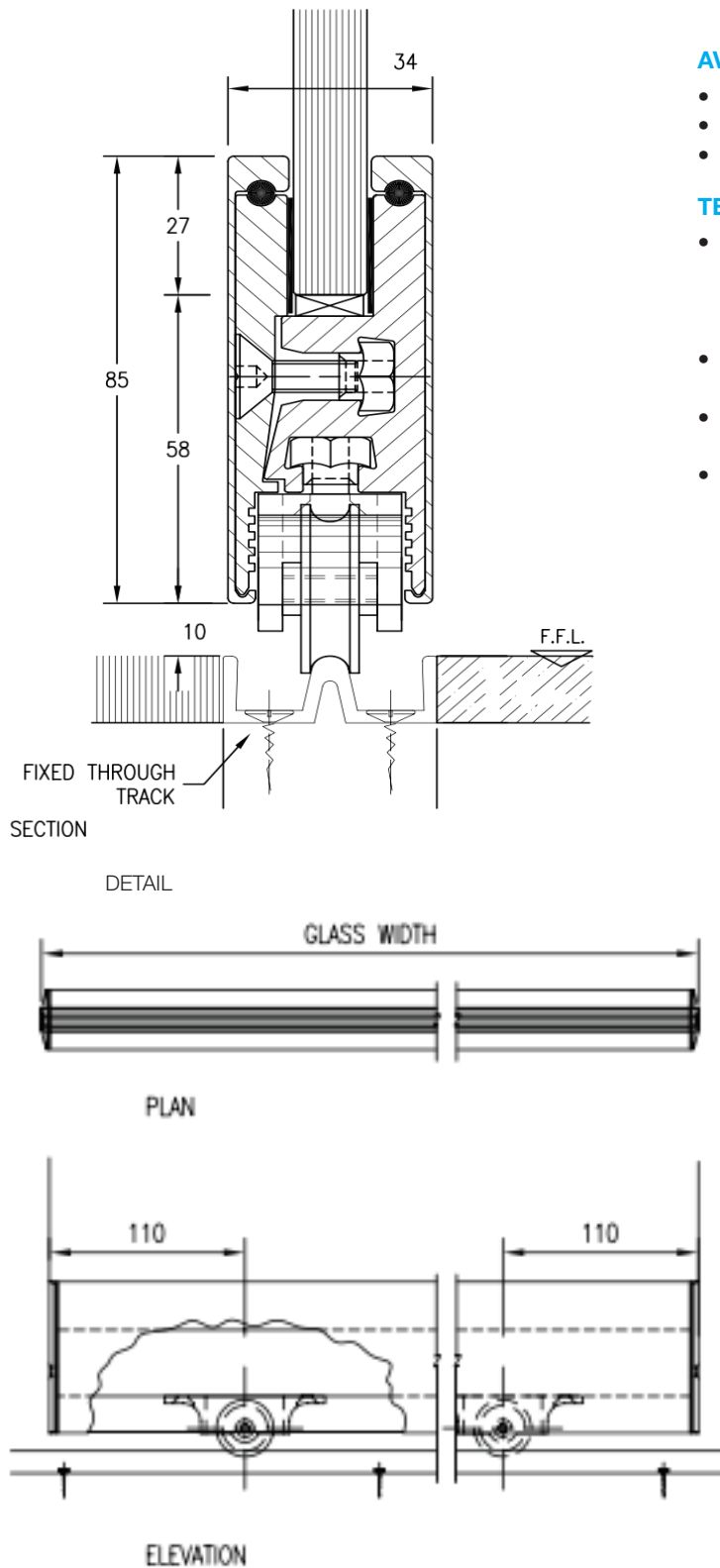


GLASS PREPARATION



ELEVATION

## CDS41B/S Door Rail



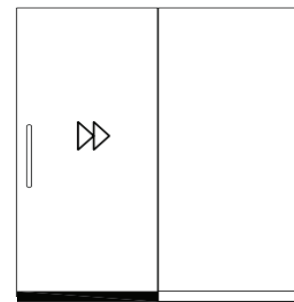
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

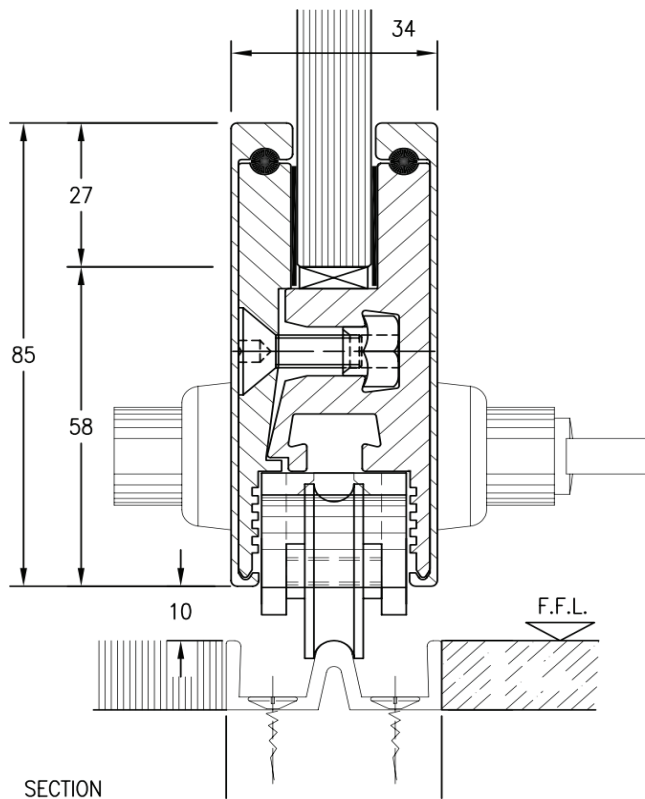
## TECHNICAL DETAILS

- On-Eazi 85mm high bottom door rail complete with heavy duty rollers to suit CDS50 floor mounted sliding brass track, ILLUSTRATED
- Specify glass thickness 10, 12, 15 or 19mm
- Alternative rail cover heights on application
- Max door weight: 150kgs

## INSITU APPLICATION



## CDS42B/S Door Rail



SECTION

DETAIL

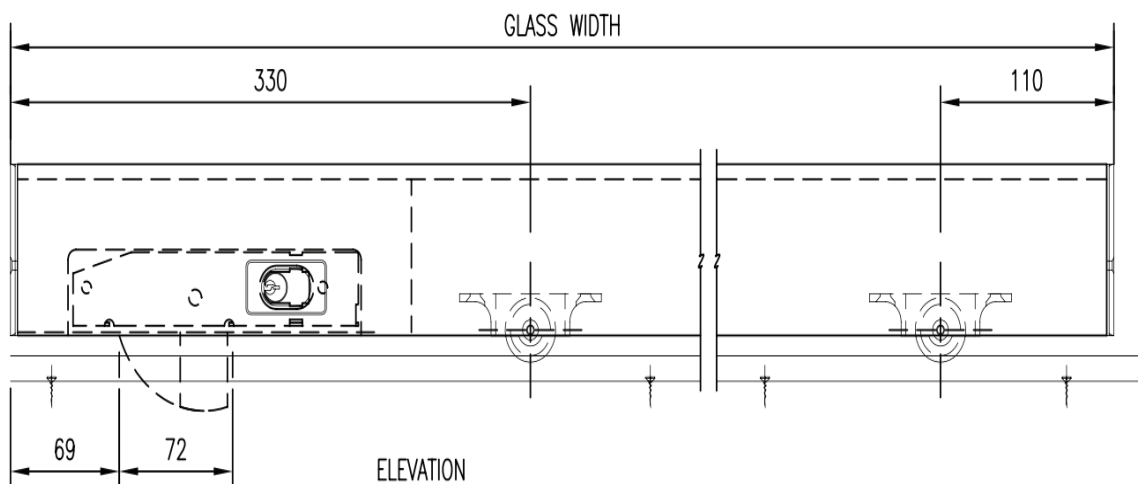
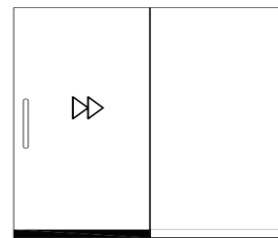
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

## TECHNICAL DETAILS

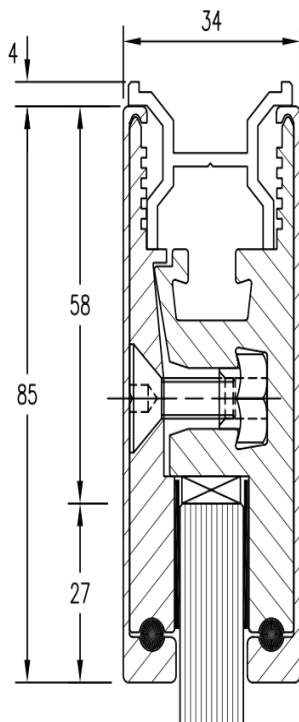
- On-Eazi 85mm high bottom door rail complete with heavy duty rollers and door lock (DC590) to suit CDS50 floor mounted sliding brass track, ILLUSTRATED
- Specify glass thickness 10, 12, 15 or 19mm
- Alternative rail cover heights on application
- NOTE: minimum door width recommended 1000mm
- Max door weight: 150kgs

## INSITU APPLICATION

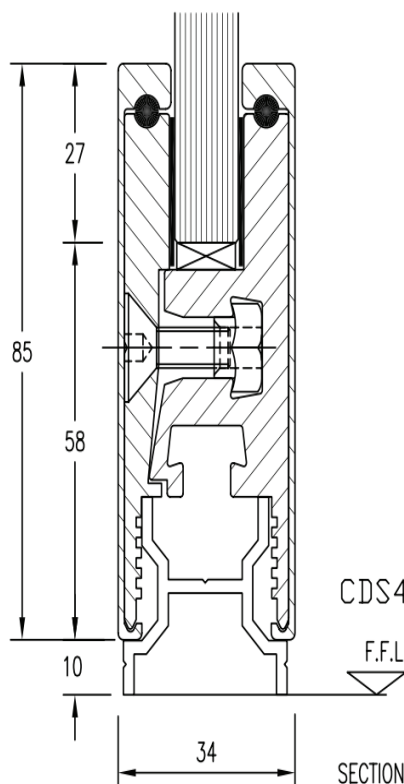


ELEVATION

## CDS47/48 Door Rail



CDS48 TOP



CDS47 BOTTOM

SECTION

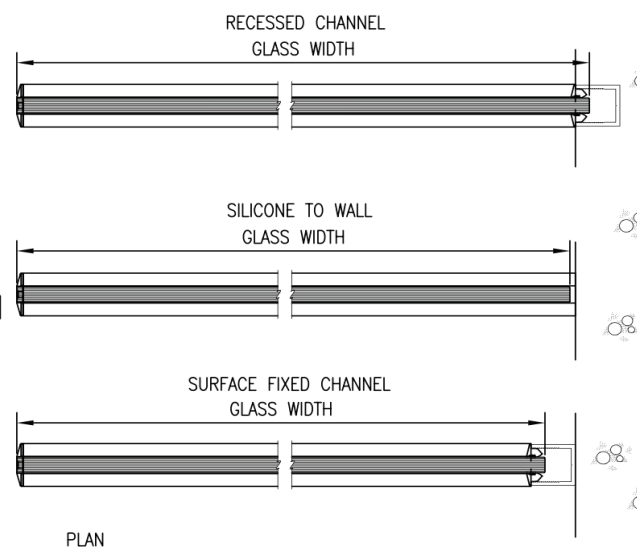
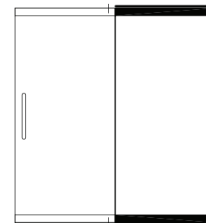
### AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

### TECHNICAL DETAILS

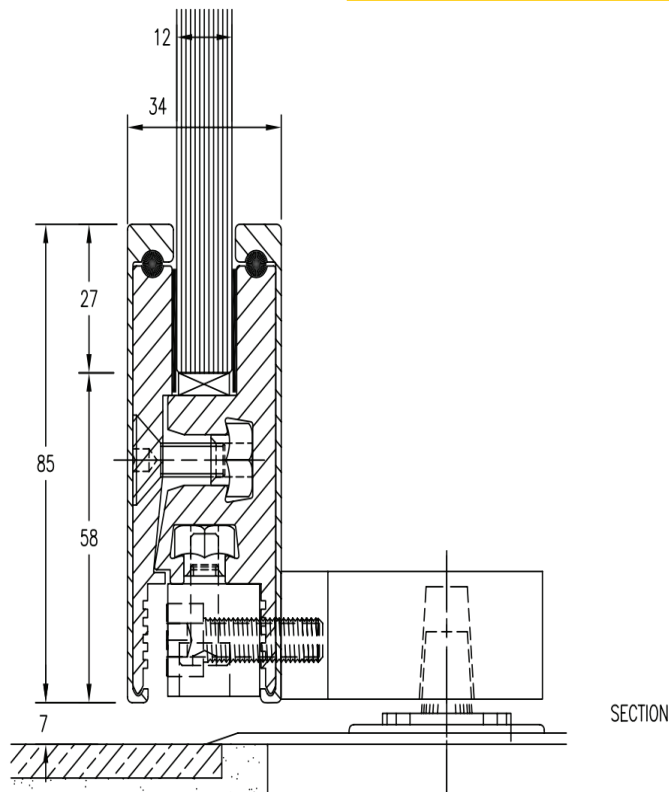
- On-Eazi 85mm high side light rail complete with 4/10mm filler section to suit side light installation, ILLUSTRATED
- Specify glass thickness 10, 12, 15 or 19mm
- Alternative rail cover heights on application
- Specify one or two end caps as required
- Specify CDS47 for bottom side light rail
- Specify CDS48 for top side light rail

### INSITU APPLICATION

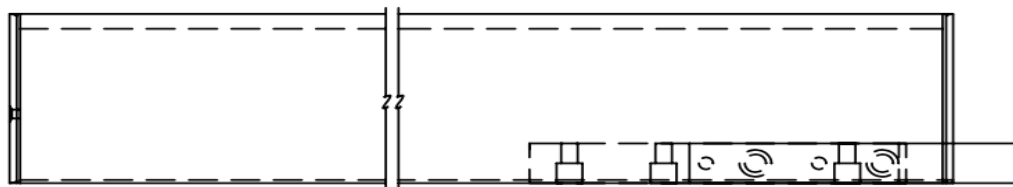


PLAN

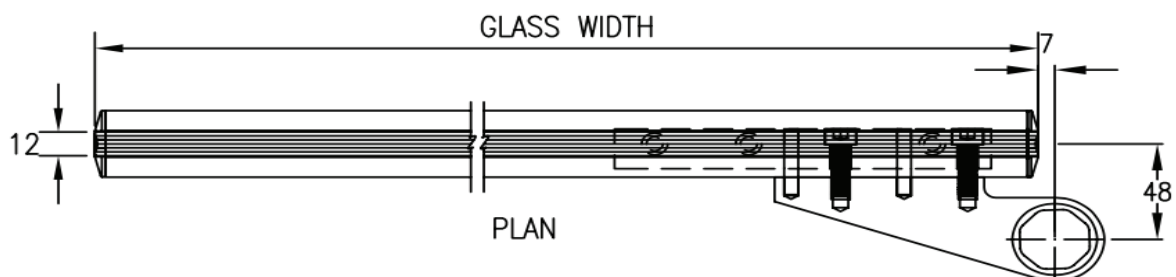
## CDS41DL/R Door Rail



DETAIL



ELEVATION



PLAN

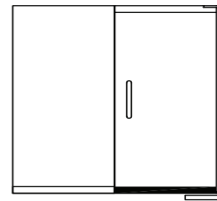
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

## TECHNICAL DETAILS

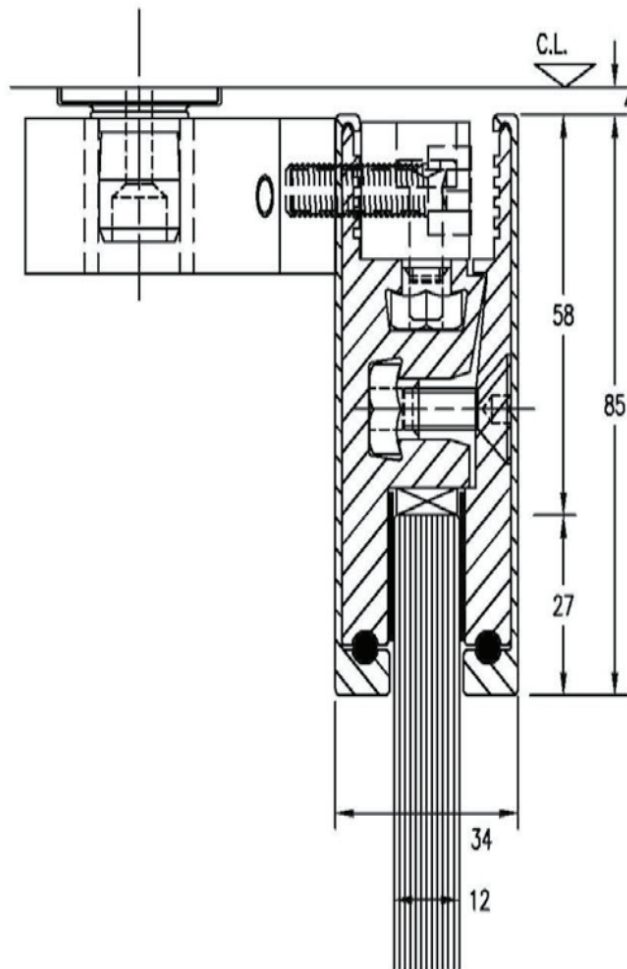
- On-Eazi 85mm high bottom door rail complete with offset pivot assembly to suit BTS floor springs and floor pivots
- Specify glass thickness 10, 12, 15 or 19mm. NB 12mm illustrated
- Alternative rail cover heights on application
- Specify L/R for handing (RIGHT HAND DRAWN)
- Max door weight: 100kgs
- NOTE: Offset pivot assembly finished in SAA and SSS
- Illustrated with a BTS floor spring

INSITU APPLICATION

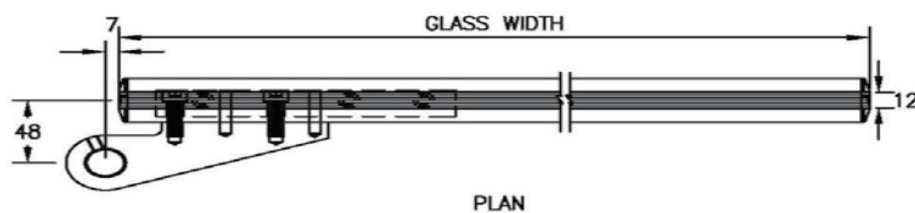




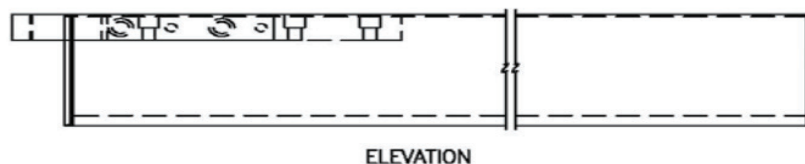
## CDS43DL/R Door Rail



DETAIL



PLAN



ELEVATION

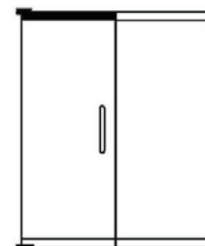
## AVAILABLE FINISHES

- Aluminium: MILL, SAA
- Stainless: SSS, PSS
- Special finishes on request

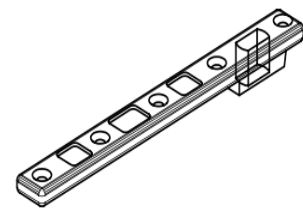
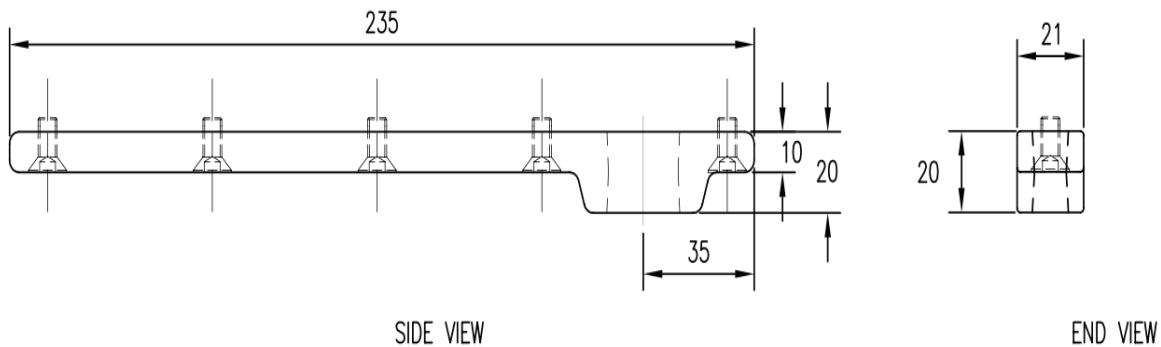
## TECHNICAL DETAILS

- On-Eazi 85mm high tap door rail complete with offset pivot assembly to suit CD58 offset top pivot, ILLUSTRATED
- Alternate frame portion pivots refer 339.1,2 and 3
- Specify glass thickness 10, 12, 15 or 19mm. NB 12mm illustrated
- Alternative rail cover heights on application
- Specify L/R for handing (LEFT HAND DRAWN)
- Max door weight: 100kgs
- NOTE: Offset pivot assembly finished in SAA and SSS

## INSITU APPLICATION



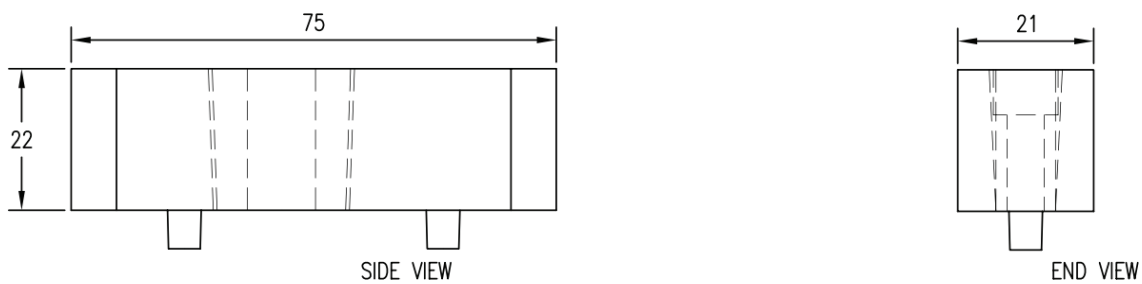
## 7421.4 Univeral Bottom Strap Pack



## TECHNICAL DETAILS

- Universal bottom strap pack to suit universal rail and floor spring or pivot bearing

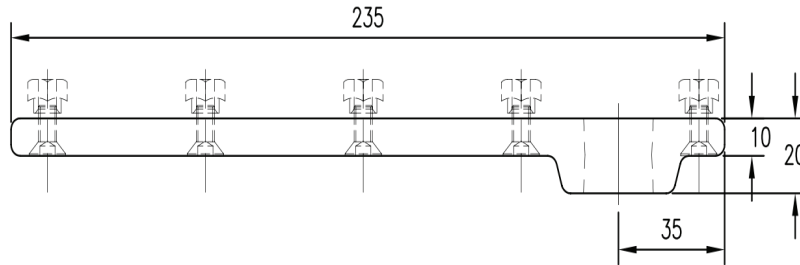
## 355.1 Univeral Bottom Rail Pivot Insert



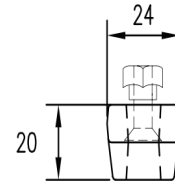
## TECHNICAL DETAILS

- Universal bottom rail pivot insert to suit floor spring or floor pivot bearing

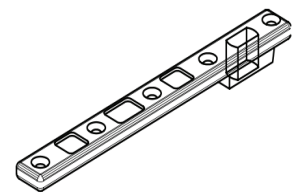
## 7421 Bottom Rail Strap



SIDE VIEW



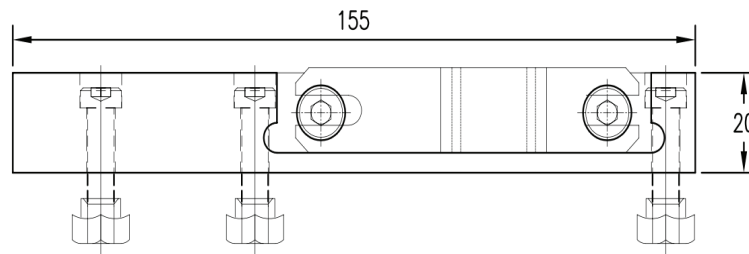
END VIEW



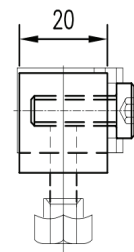
### TECHNICAL DETAILS

- On-Eazi bottom rail strap to suit floor spring or pivot bearing

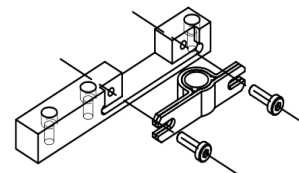
## CDS40.4 Bottom Rail Strap



SIDE VIEW



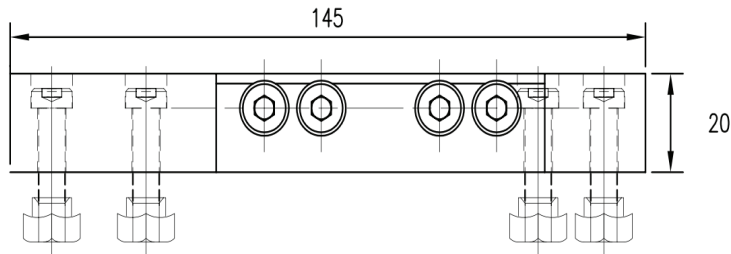
END VIEW



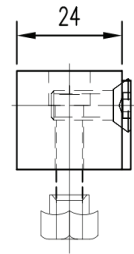
### TECHNICAL DETAILS

- On-Eazi bottom rail strap to suit floor spring or pivot bearing

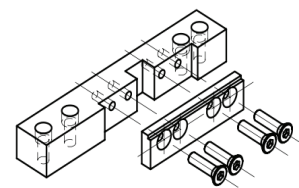
## CDS40.6RTS Top Adaptor



SIDE VIEW



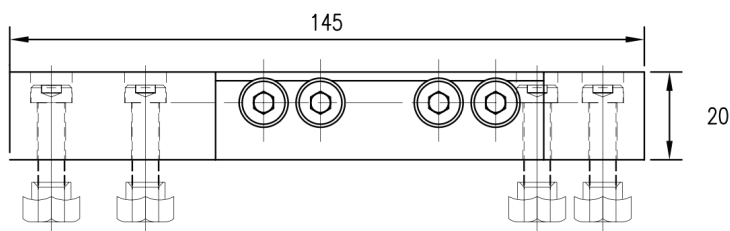
END VIEW



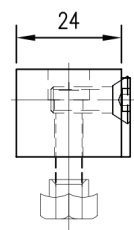
## TECHNICAL DETAILS

- On-Eazi top adaptor to suit RTS transom closer

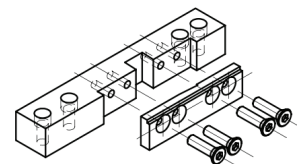
## CDS40.6RTS L/R Top Adaptor L/R



SIDE VIEW



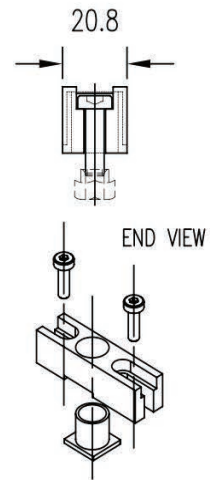
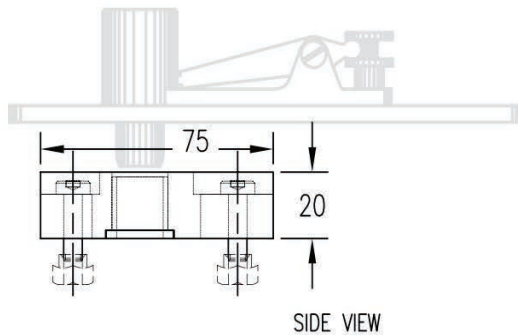
END VIEW



## TECHNICAL DETAILS

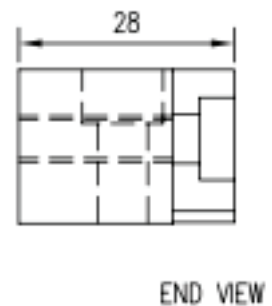
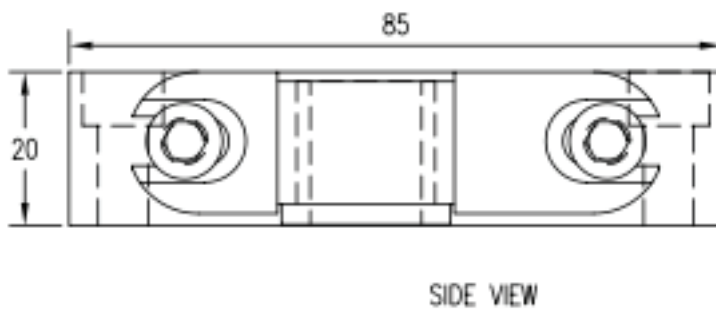
- On-Eazi top adaptor to suit RTS transom closer including 3 deg. offset
- Specify LH or RH

### 355.0 Universal Top Rail Pivot Insert



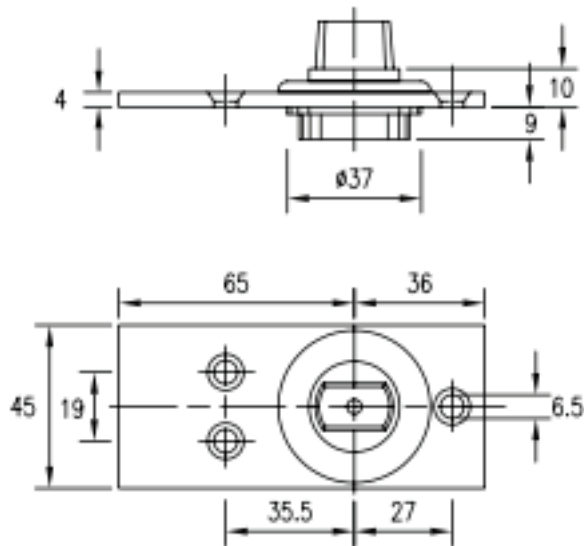
- Universal top rail pivot insert to suit walking beam pivot (Illustrated)

### 355.9 Universal Top Rail Side Load Pivot Insert

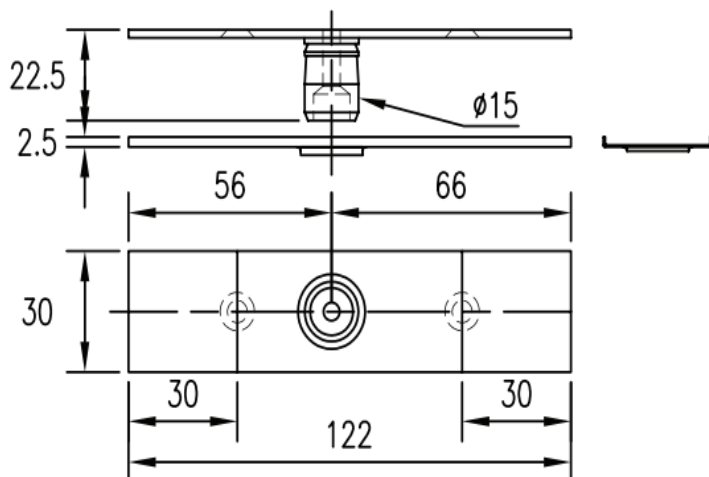


#### TECHNICAL DETAILS

- Universal top rail side load pivot insert to suit CD58

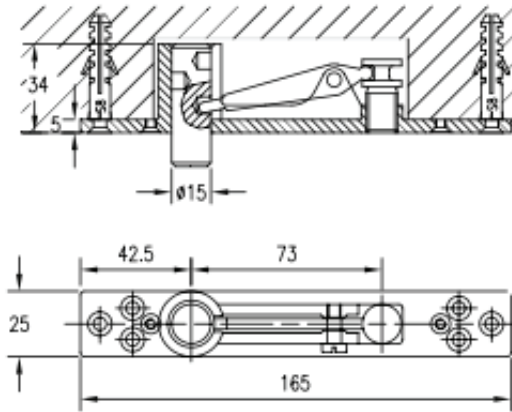
**CD355/MP26 Floor Pivot Bearing with 2.5mm Extension****TECHNICAL DETAILS**

- Floor pivot bearing with 2.5mm extension
- Door weight - 110kg with RTS Closer
- Door weight - 200kg with free pivot

**CD58 15mm Uper Pivot Assembly with Cover****TECHNICAL DETAILS**

- 15mm upper pivot assembly with cover

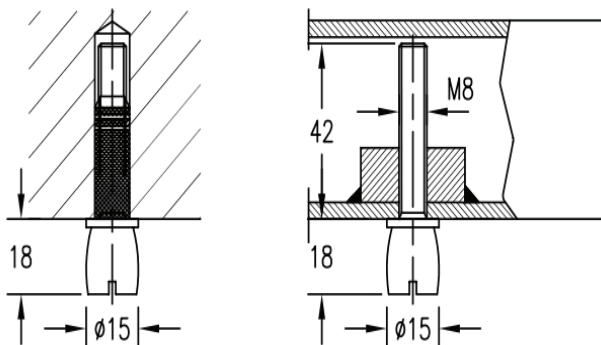
## 8066U Wind down 15mm Upper Pivot Assembly



### TECHNICAL DETAILS

- Wind down 15mm upper pivot assembly

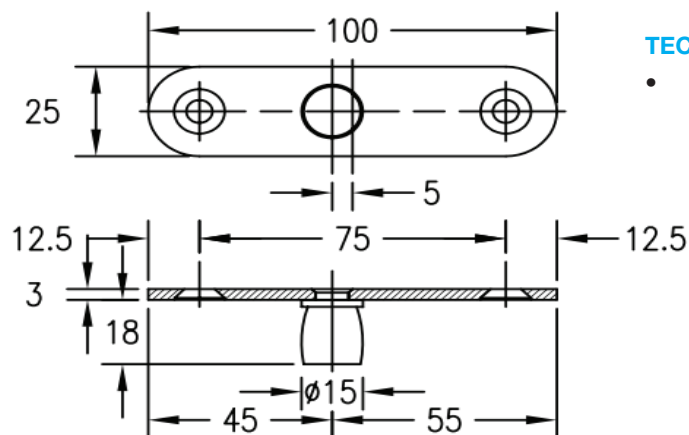
## PT25 M8 Threaded 15mm Upper Pivot



### TECHNICAL DETAILS

- M8 threaded 15mm upper pivot

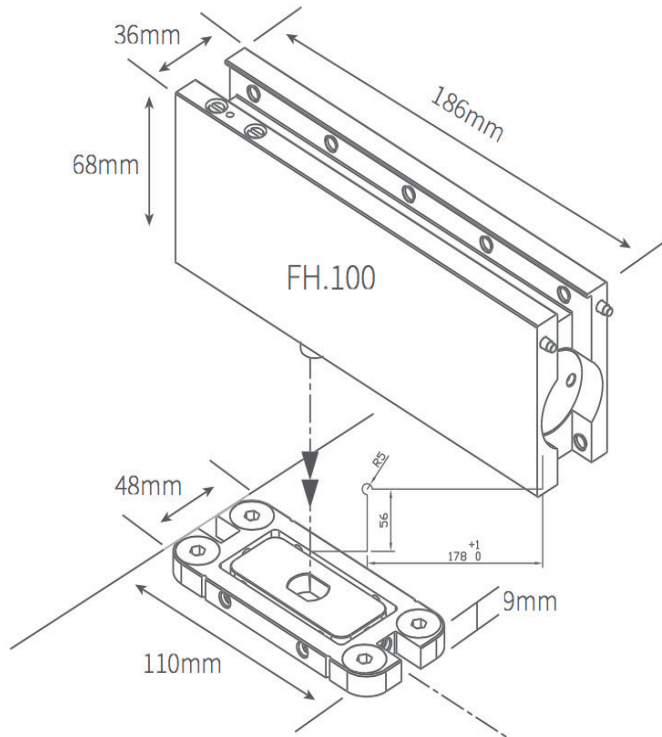
## PT24 Fixed Plate 15mm Top Pivot



### TECHNICAL DETAILS

- Fixed plate 15mm upper pivot assembly

## FH100.HO / FH100.NH0 Ozone Hydraulic Patch Fitting Self Closing



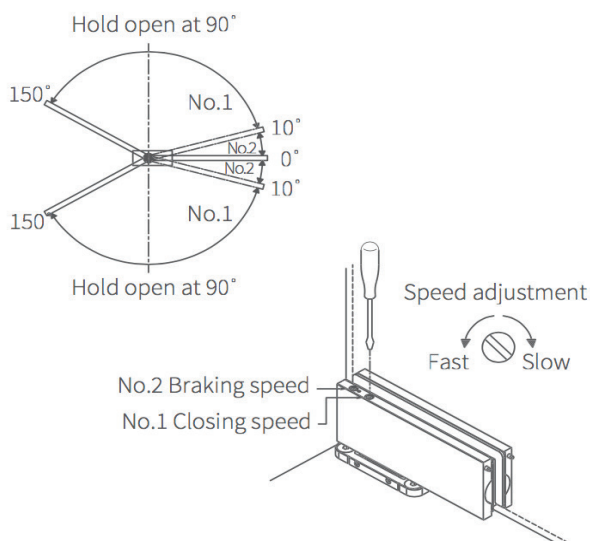
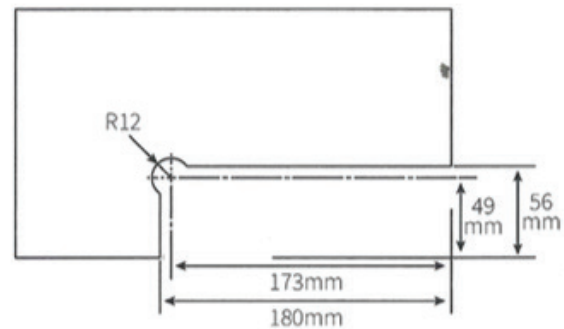
## AVAILABLE FINISHES

- 316 polished or satin stainless steel

## TECHNICAL DETAILS

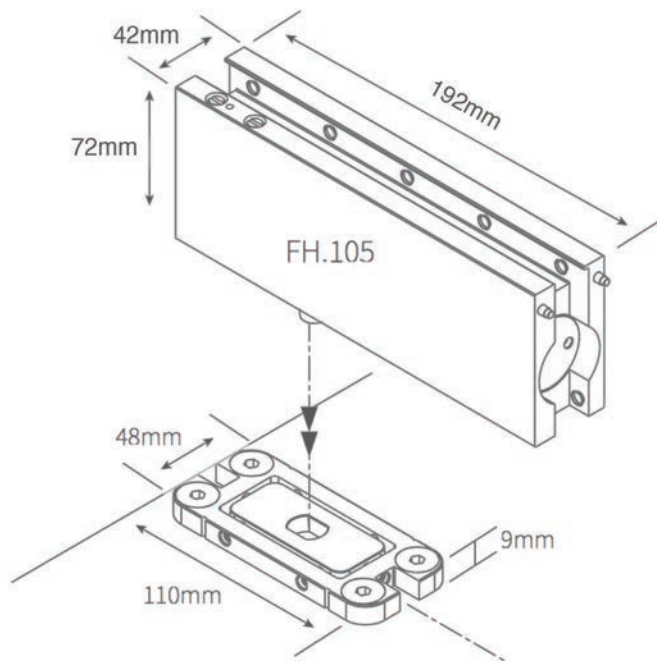
- FH100.H0 (90 degree hold open)
- FH100.NH0 (non-hold open)
- Ozone hydraulic patch fitting self closing 90 degree hold open
- Floor mounted patch fitting for internal frameless glass doors up to 1 metre wide
- Maximum door width 1 metre (12mm clearance to floor)
- Maximum door weight 100kg
- Simple installation with four screw fixings into any floor
- Adjustable base plate for easy alignment of the door in either direction (as shown in diagram)
- Use in conjunction with standard HP20 top patch fitting (two speed closing adjustment as shown)
- Single or double action doors
- Toughened frameless glass doors from 8mm-12mm glass thickness

## GLASS CUT OUT DETAIL





## FH105.HO / FH105.NHO Ozone Hydraulic Patch Fitting High Strength Self Closing

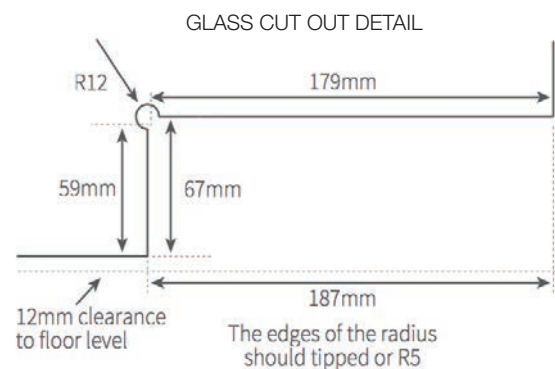
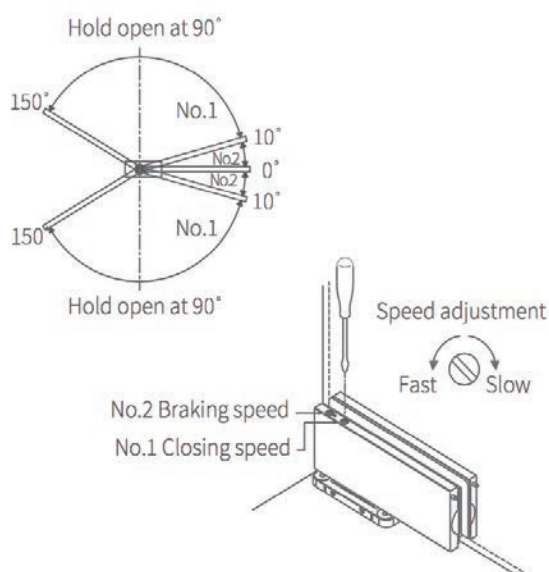


### AVAILABLE FINISHES

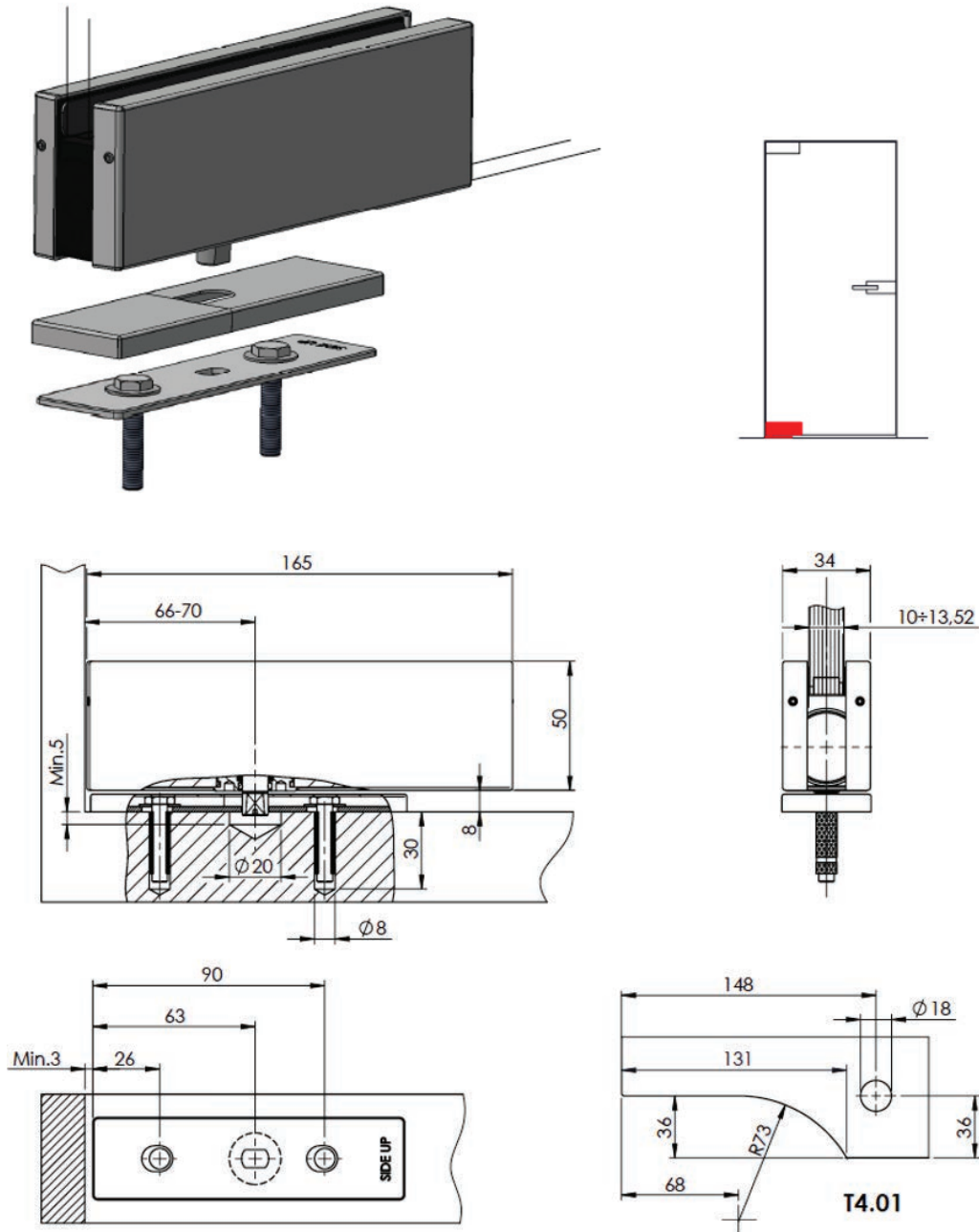
- 316 polished or satin stainless steel

### TECHNICAL DETAILS

- FH100.H0 (90 degree hold open)
- FH100.NH0 (non-hold open)
- Ozone hydraulic patch fitting high strength self closing
- Maximum door width: internal 1.25 metres, external 1 metre (12mm clearance to floor)
- Maximum door weight 100kg
- Simple installation with four screw fixings into any floor
- Adjustable base plate for easy alignment of the door in either direction
- Used in conjunction with standard HP20 top patch fitting (two speed closing adjustment as shown)
- Suitable for internal and external
- Single or double action doors
- Toughened frameless glass doors from 10mm-15mm thick



## Casma Frenum Patch Closer

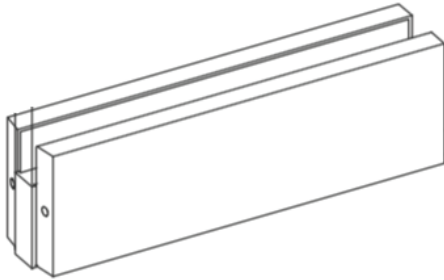


### AVAILABLE FINISHES

- Mirror
- Satin

### TECHNICAL DETAILS

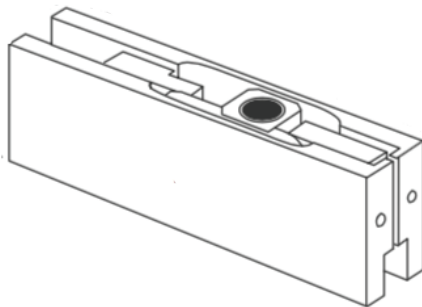
- Hold Open
- Non Hold Open
- Max Width 900mm
- Max – 100 Kgs

**KT-10 / KT-10C / KT-12 Bottom Patch Corner Fix****AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

- KT-10: Bottom patch - corner fix - accepts standard tapered floor spring spindle
- KT-10C: Bottom patch - centre fix - accepts standard tapered floor spring spindle
- KT-12: Bottom patch -corner fix - accepts tapered spindle 65mm offset. Use with KT-22
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify

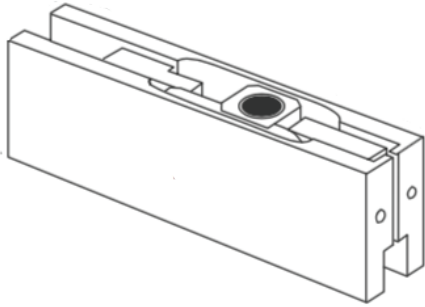
**KT-20 / KT-20C Top Patch Corner Fix****AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

- KT-20: Top patch - corner fix - accepts standard 15mm pivot
- KT-20C: Top patch - centre fix - accepts standard 15mm pivot
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify

## KT-22 / KT-22C Top Patch for Concealed Overhead Door Closer



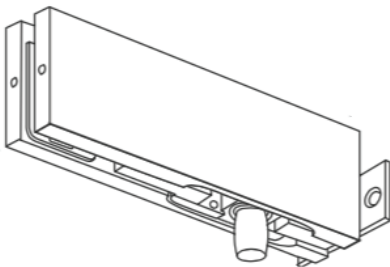
## AVAILABLE FINISHES

- Mirror
- Satin

## TECHNICAL DETAILS

- KT-22: Top patch fitting for concealed overhead door closer - corner fix
- KT-22C: Top patch fitting for concealed overhead door closer - centre mount
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify

## KT-30 / KT-30C / KT-30P / KT30PB Overpanel Pivot Patch

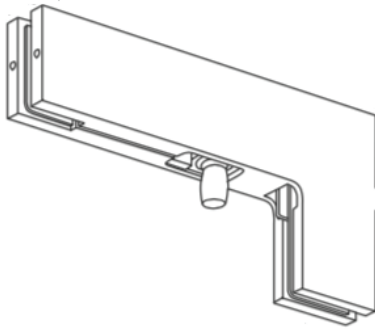


## AVAILABLE FINISHES

- Mirror
- Satin

## TECHNICAL DETAILS

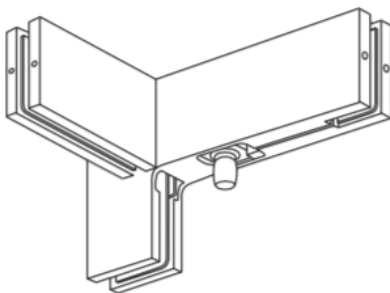
- KT-30: Overpanel 15mm pivot patch fitting - corner fix
- KT-30C: Overpanel 15mm pivot patch fitting - centre mount
- KT-30P: Overpanel 15mm pivot patch fitting - plate fix
- KT-30PB: Overpanel patch fitting - plate fix - blanked off
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify

**KT-40 / KT-40B / KT-40K / KT40S Overpanel to Sidepanel****AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

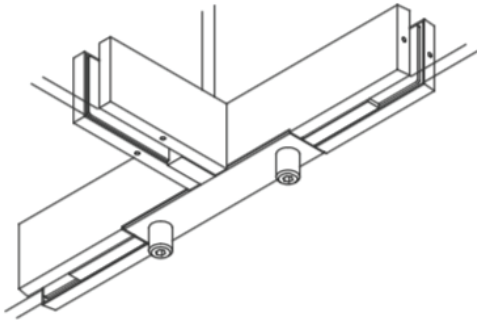
- KT-40: Overpanel to side panel patch fitting - 15mm pivot
- KT-40B: Overpanel to side panel patch fitting - blanked off
- KT-40K: Overpanel to side panel patch fitting with keeper for FL50
- KT-40S: Overpanel to side panel patch fitting - heavy duty stop
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify

**KT-41L / KT41R Overpanel to Side Panel Patch Fitting****AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

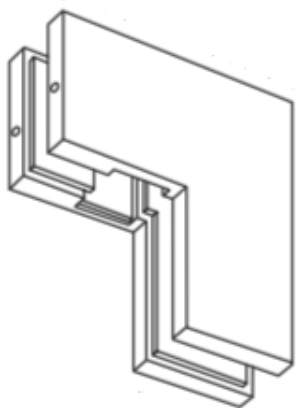
- KT-41L: Overpanel to side panel patch fitting - 15mm pivot c/w fin fitting
- KT-41R: Overpanel to side panel patch fitting - 15mm pivot c/w fin fitting
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify
- Patch fittings and patch locks not suitable for laminated glass
- Locks available as lock / lock or lock / turn
- Locks should be ordered as keyed alike or keyed randomly

**KT-51** Twin 15mm Pivot Transom Patch with Fin Fitting**AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

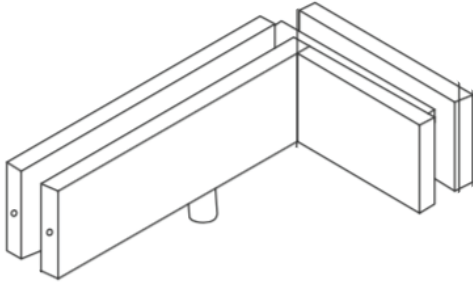
- KT-51: Twin 15mm pivot transom patch with fin fitting
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify
- Patch fittings and patch locks not suitable for laminated glass
- Locks available as lock / lock or lock / turn
- Locks should be ordered as keyed alike or keyed randomly

**KT-60 / KT60S** Overpanel to Side Panel Corner Patch**AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

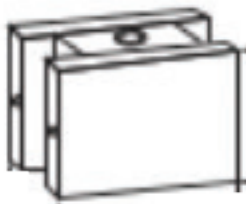
- KT-60: Overpanel to side panel corner patch
- KT-60S: Overpanel to side panel corner patch with light duty stop
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify
- Patch fittings and patch locks not suitable for laminated glass
- Locks available as lock / lock or lock / turn
- Locks should be ordered as keyed alike or keyed randomly

**KT-61L / KT-61R Transom to 90 degree Sidelight Patch****AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

- KT-61L: Transom to 90 degree sidelight patch - 15mm pivot
- KT-61R: Transom to 90 degree sidelight patch - 15mm pivot
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify
- Patch fittings and patch locks not suitable for laminated glass
- Locks available as lock / lock or lock / turn
- Locks should be ordered as keyed alike or keyed randomly

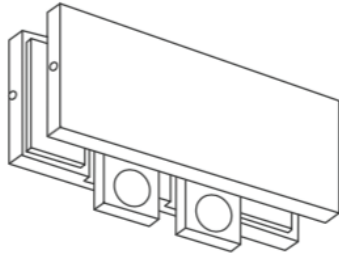
**KT-67 Wall Connection Bracing Patch****AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

- KT-67: Wall connection bracing patch 70 x 50mm
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify
- Patch fittings and patch locks not suitable for laminated glass
- Locks available as lock / lock or lock / turn
- Locks should be ordered as keyed alike or keyed randomly

## KT-70S Highlight Light Duty Stop Patch



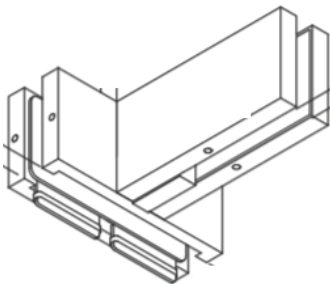
### AVAILABLE FINISHES

- Mirror
- Satin

### TECHNICAL DETAILS

- KT-70S: Highlight light duty stop patch
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify
- Patch fittings and patch locks not suitable for laminated glass
- Locks available as lock / lock or lock / tum
- Locks should be ordered as keyed alike or keyed randomly

## KT-71 2 Panel Link Patch with Bracket for Fin



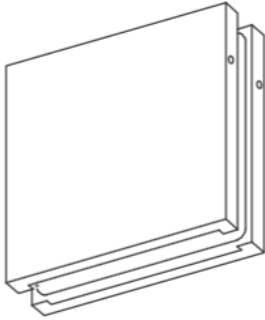
### AVAILABLE FINISHES

- Mirror
- Satin

### TECHNICAL DETAILS

- KT-71: 2 panel link patch with bracket for fin
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify
- Patch fittings and patch locks not suitable for laminated glass
- Locks available as lock / lock or lock / tum
- Locks should be ordered as keyed alike or keyed randomly

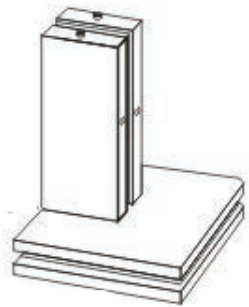


**KT-80 4 Panel Link Patch****AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

- KT-80: 4 panel link patch
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify
- Patch fittings and patch locks not suitable for laminated glass
- Locks available as lock / lock or lock / turn
- Locks should be ordered as keyed alike or keyed randomly

**KT-81 4 Panel Link Patch with Bracket for Fin****AVAILABLE FINISHES**

- Mirror
- Satin

**TECHNICAL DETAILS**

- KT-81 4 panel link patch with bracket for fin
- All patch fittings are available as standard for 10 or 12mm thick glass - Please specify
- Patch fittings and patch locks not suitable for laminated glass
- Locks available as lock / lock or lock / turn
- Locks should be ordered as keyed alike or keyed randomly