



HYDRAULIC PATCH

The Ozone Plus is a revolutionary product which has an in-built Hydraulic System. This system does not require a floor spring and hence there is no requirement for any floor cutting on bottom of the door, making the doorway aesthetical .

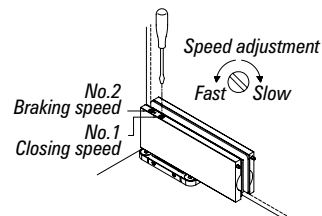
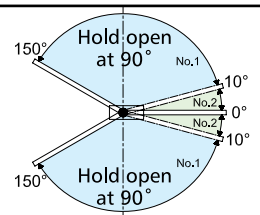
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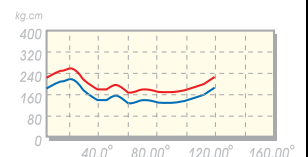
Intertek	
TEST REPORT	
EN 1154	
Building hardware- Controlled door closing devices	
Requirements and test methods	
Report Reference No.	140500085GZU-001
Tested by (name and signature)	Alan Lai <i>Alan Lai</i>
Approved by (name and signature)	Blues Dong <i>Blues Dong</i>
Date of issue	June 17, 2014
Contents	Total test report 13 pages including: Report test: 7 pages Appendix A for product photo: 1 page Appendix B for product drawing and bill of material: 1 page Appendix C for installation instruction: 2 pages Appendix D for markings: 1 page Revision page: 1 page
Testing Laboratory name	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Address	Block E, No 7-2 Guang Dong Software Science Park, Capiin Road, Guangzhou Science City, GE-TD0, Guangzhou, China
Testing location	Same as above
Applicant's name	OZONE OVERSEAS PVT LTD.
Address	H-45, Balm Nagar, New Delhi - 110015, India
Test specification	
Standard	EN 1154:1996/A1 2003/AC:2006
Non-standard test method	None
Test Report Form No.	TTRF EN 1154: 1997 A
TTRF Originator	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Master TTRF	Dated 2006-01
Test item description	Concealed floor spring for glass door
Trade Mark	OZONE
Model and/or type reference	OCFH-100HQ, OCFH-100
Manufacturer	Dongguan Leads Door System Co., Ltd.
Rating(s)	3 3 3 — 1 3
Summary of testing The submitted samples COMPLIED WITH all applicable mechanical performance requirements of EN 1154:1996/A1 2003/AC:2006 for the ratings	
TTRF EN 1154: 1997 A Originator: Intertek Testing Services Shenzhen Ltd. Guangzhou Branch	

1 Max. opening angle: 150° for left and right opening (double action)
Hold open at 90°



2 Two speed adjustment
Closing Speed (150° ~ 10°)
Braking speed (10° ~ 0°)

3 With high efficiency over 70%, light opening yet with smooth closing





OCFH-100

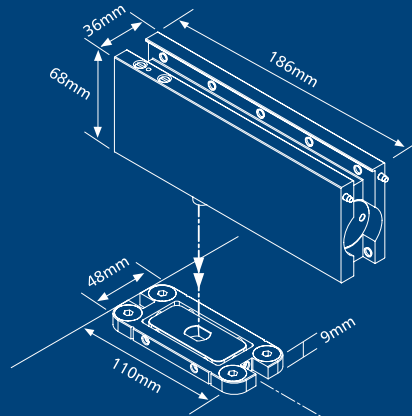
Hydraulic Patch for Frameless Door-Power Size 3



Specifications

Compliant with EN 1154

- Quick and easy installation
- Suitable door weight: Max 100kg.
- Suitable door width: 750-1000mm
- Suitable door thickness: 8-12mm
- Ambient temperature: -20°C to +50°C
- Non hold open variant - Also available OCFH-100-NHO
- Finish: SSS/PSS



Finishes available:



SSS



PSS



GOLD



BLACK
MATTE



SATIN
ANODISED

ACCESSORIES



Connects Over Panel and Side Panel with Pivot (Size of OCFH-100)

OPF-1 PLUS

- Variable Pivot point of 55 or 65mm
- With SS 304 cover of OCFH-100
- Cover secured with small 'L' key
- Pivot pin of 15mm diameter
- Adjustable pivot point 55/65mm
- Finish: PSS / SSS / GOLD / BLACK MATTE / SATIN ANODISED



Top Patch with Big Cover (Size of OCFH-100)

OPF-2 PLUS-100

- Variable Pivot point of 55 or 65mm
- With SS 304 cover of OCFH-100
- Cover secured with small 'L' key
- Finish: PSS / SSS / GOLD / BLACK MATTE / SATIN ANODISED

OCFH-105

Hydraulic Patch for Frameless Door-Power Size 5



HEAVY
duty model

Finishes available:



SSS



PSS



GOLD



BLACK
MATTE

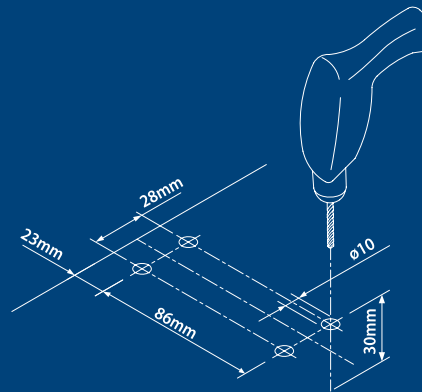


SATIN
ANODISED

Specifications

Compliant with EN 1154

- Quick and easy installation
- Suitable door weight: Max 100kg.
- Suitable door width: 750-1250mm
- Suitable door thickness: 10-15mm
- Ambient temperature: -20°C to +50°C
- Non hold open variant - Also available OCFH-105-NHO
- Finish: SSS/PSS



OCFH-135

Hydraulic Patch for Frameless Door Power Adjustable

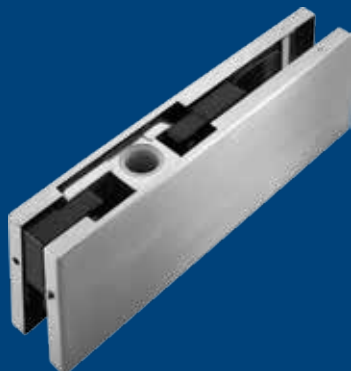


HEAVY
duty model

Specifications

- Suitable door weight: Max 100kg.
- Suitable door width: 750-1250mm
- Suitable door thickness: 10-15mm
- Ambient temperature: -20°C to +50°C
- Non hold open variant - Also available OCFH-135-NHO
- Finish: SSS/PSS

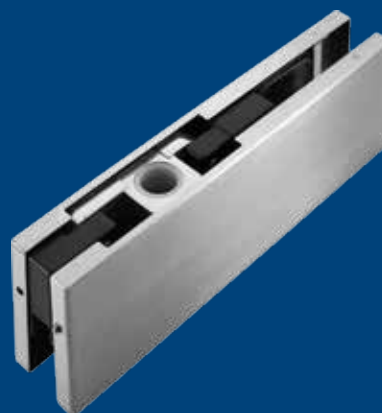
ACCESSORIES for OCFH-105 & OCFH-135



**Top Patch with Big Cover
(Size of OCFH-105)**

OPF-2 PLUS-105

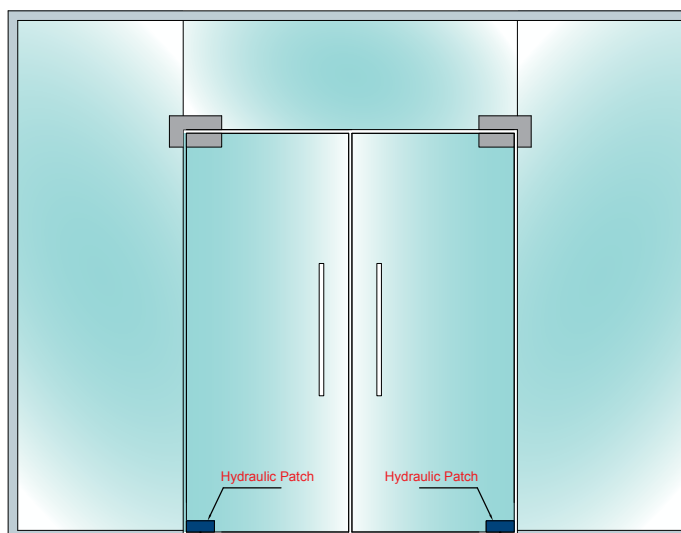
- Variable Pivot point of 55 or 65mm
- With SS 304 cover of OCFH-105
- Cover secured with small 'L' key
- Finish: PSS / SSS / GOLD / BLACK MATTE / SATIN ANODISED



**Top Patch with Big Cover
(Size of OCFH-135)**

OPF-2 PLUS-135

- Variable Pivot point of 55 or 65mm
- With SS 304 cover of OCFH-135
- Cover secured with small 'L' key
- Finish: PSS / SSS



OCFH-P-105

Heavy Duty Hydraulic Patch



Heavy Duty Concealed Floor Spring OCFH-P-105

Specifications

- Suitable door weight: Max 100kg.
- Suitable door width: Upto 1250mm
- Suitable door thickness: 10-15mm
- Stainless Steel 316 grade covers & base plate
- Spring size power #5 for internal & external doors
- No floor cutting/digging
- Available in hold open or non hold open option
- High quality mounting screws for different floorings
- No need to have the pre-set on the floor
- Easy installation with base seat adjustable
±3mm backward and forward
±3mm left and right & 4° alignment adjustment
- Finish: PSS/SSS
- Also available: OCFH-P-100, OCFH-P-135

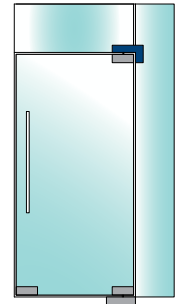
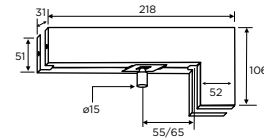


OPF-1

Connects Over Panel and Side Panel with Pivot

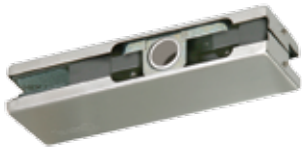


- Specifications**
Over Panel Side Panel Connecting Patch
- With SS 304 cover
 - Cover secured with small 'L' key
 - Pivot pin of 15mm diameter
 - Adjustable pivot point 55/65mm
 - Finish: SSS

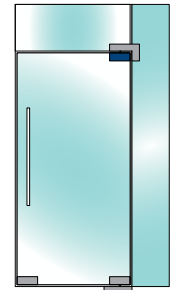
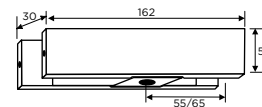


OPF-2

Secured on to the Door Leaf Top to accept the Pivot of OPF-1 / OPF-4 or OFS-ACC-GDP



- Specifications**
Top Patch
- Variable pivot point of 55 or 65mm
 - With SS 304 cover
 - Cover secured with small 'L' key
 - Finish: SSS

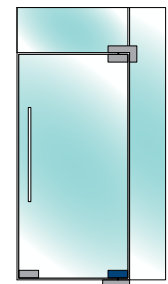
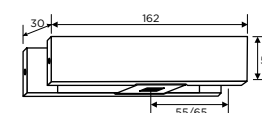


OPF-3

Secured on to the Bottom of the Door Leaf to accept the Spindle of Ozone floor Springs



- Specifications**
Top Patch
- Variable pivot point of 55 or 65mm
 - With SS 304 cover
 - Cover secured with small 'L' key
 - Finish: SSS

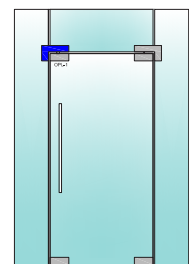
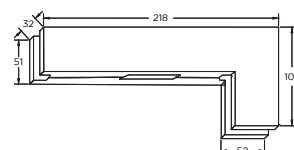


OPF-1B

Over Panel Side Panel Connecting Patch with Strike Insert for OPL-1



- Specifications**
Top Patch
- Variable pivot point of 55 or 65mm
 - With SS 304 cover
 - Cover secured with small 'L' key
 - Finish: SSS



OPF-1C

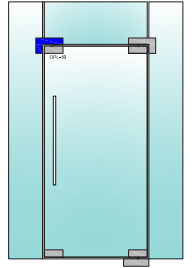
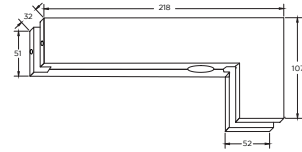
Over Panel Side Panel Connecting Patch with Strike Insert for OPL-1B



Specifications

Top Patch

- Variable pivot point of 55 or 65mm
- With SS 304 cover of size of OCFH-135
- Cover secured with small 'L' key
- Finish: SSS



OPF-1D

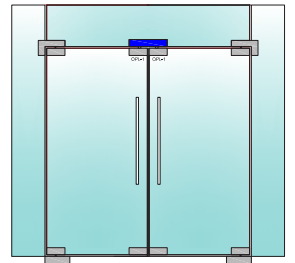
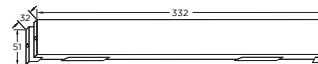
Over Panel Double Door Strike for OPL-1



Specifications

Bottom Patch

- Variable pivot point of 55 or 65mm
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPF-1D-R

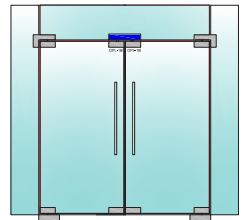
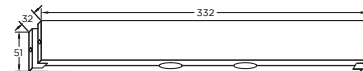
Over Panel Double Door Strike for OPL-1B



Specifications

Over Panel Double Door Panel

- With SS 304 cover
- Cover secured with small 'L' key
- Pivot pin of 15mm diameter
- Adjustable pivot point 55/65mm
- Finish: SSS



OPF-1E

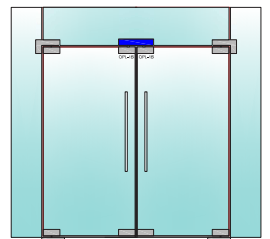
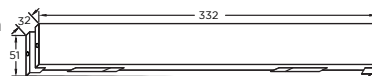
Over Panel Double Door Strike for OPL-1A



Specifications

Over Panel Double Door Panel

- Variable pivot point of 55 or 65mm
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



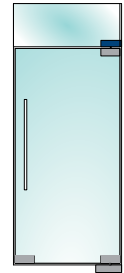
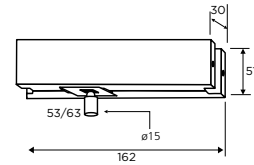
OPF-4

To Secure Over Panel with the Wall and having Pivot Pin of 15mm diameter



Specifications Over Panel Patch Secured on to the Sidewall with Pivot

- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



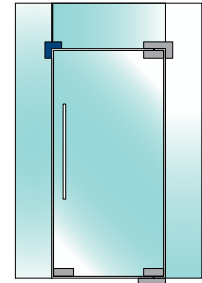
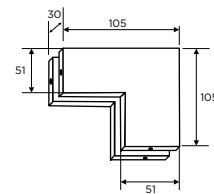
OPF-610

Patch to Secure the Over Panel and Side Panel at the Opening Edge of the Door



Specifications Over Panel Side Panel Connector

- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



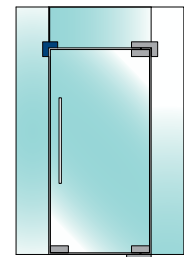
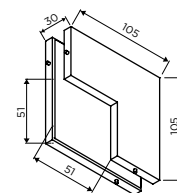
OPF-610-ST

Connecting Over Panel & Side Panel on the Opening Edge of the Door to Make Door Single Action



Specifications Over Panel & Side Panel Connector for making Door Single Action

- Square look on one side and 'L' shape look on other side
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



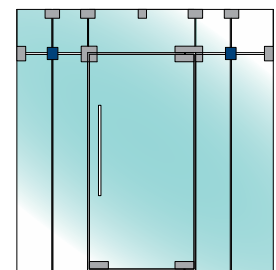
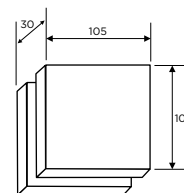
OPF-620

For Integrating a Maximum of Four Numbers of Fixed Glasses



Specifications Quadraple Connector

- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPF-640

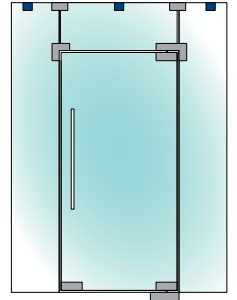
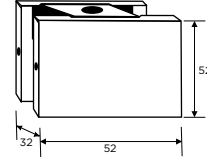
To Secure Glass with a Fixed Structure (Ceiling, Floor or Wall)



Specifications

Glass Clamping Connector

- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPF-650

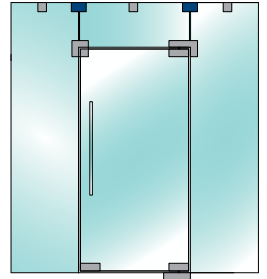
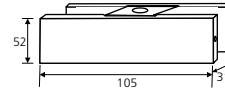
To Hold Two Glasses together and Securing this with a Fixed Structure like Floor, Wall or Ceiling



Specifications

Glass to Glass Connecting Patch

- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPF-660

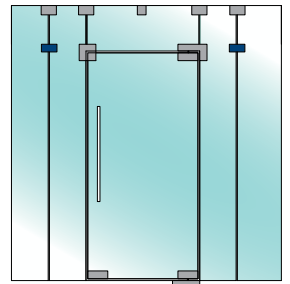
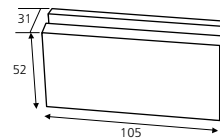
To Integrate Two Glasses in the Centre



Specifications

Double Glass Connector

- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPF-41 R

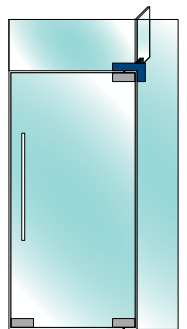
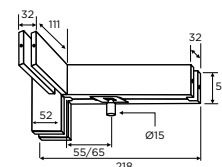
To Integrate Two Glasses in the Centre



Specifications

Over Panel Side Panel Connector with Fin Fitting Right

- With pivot pin of 15mm diameter.
- Right handed Fin
- Handing policy to be determined by looking from outside of the structure
- The pivot point can be altered from 55mm to 65mm
- With SS 304 cover
- Cover secured with small 'L' key
- For door hinged on right side with fin on the inside
- Finish: SSS



View from outside with Fin on the inside

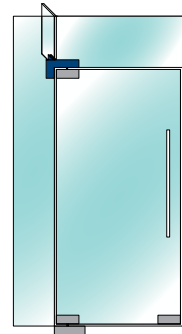
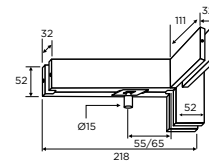
OPF-41 L

Connecting Over Panel and Side Panel. To be used with a Fin.



Specifications Over Panel Side Panel Connector with Fin Fitting Left

- With pivot pin of 15mm diameter.
- Left handed Fin
- Handing policy to be determined by looking from outside of the structure
- The pivot point can be altered from 55mm to 65mm
- With SS 304 cover
- Cover secured with small 'L' key
- For door hinged on left side with fin on the inside.
- Finish: SSS



View from outside with Fin on the inside

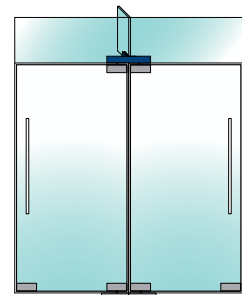
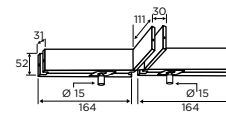
OPF-51

For Back to Back Doors with Pivot Pins. Installed on to Over Panel & Fin.



Specifications Over Panel Connector for Back To Back Doors

- With pivot pins of 15mm diameter.
- Connecting fin with the over panel.
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



View from outside with Fin on the inside

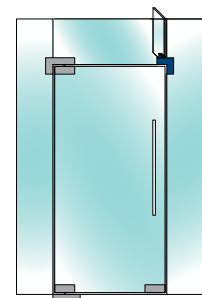
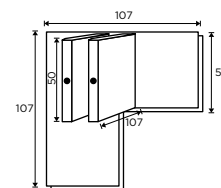
OPF-610 R

To Secure Opening Edge of the Door Installed on to Fin.



Specifications Triple Glass Connector with Fin on the Right Side

- Handing policy to be determined by looking from outside of the structure.
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



View from outside with Fin on the inside

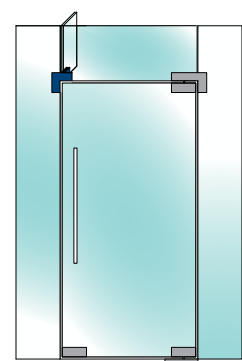
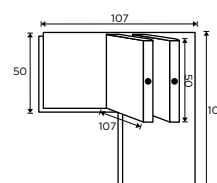
OPF-610 L

To Secure Opening Edge of the Door Installed on to Fin



Specifications Triple Glass Connector with Fin on the Left Side

- Handing policy to be determined by looking from outside of the structure.
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPF-620 F

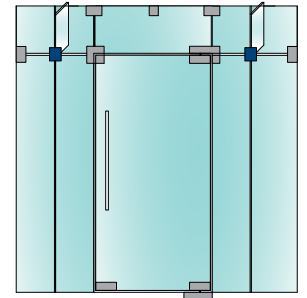
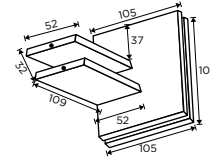
Integrating Four Glasses and connecting with a Fin.



Specifications

Quadruple Connector with Fin

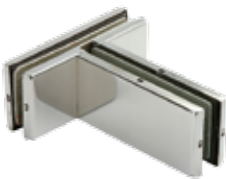
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



View from outside with Fin on the inside

OPF-630 F

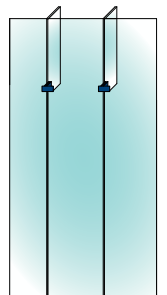
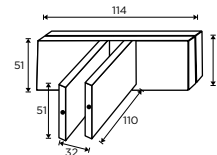
Connecting Two Glasses in Line with a Fin



Specifications

Double Glass Connector with Fin Fitting Inside

- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



View from outside with Fin on the inside

OFS-ACC-GDP

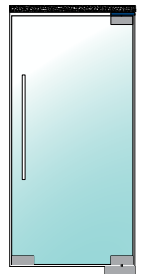
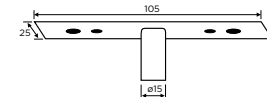
Top Pivot for Patch/Point Fitting Doors



Specifications

Stainless Steel Pivot

- Top pivot with 15mm diameter pin
- Wear resistant SS 304 pivot pin
- Pivot held in overhead structure
- Finish SSS



OPL-1

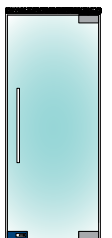
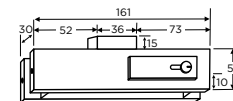
To Lock Swing Door on Floor/Ceiling *



Specifications

Corner Patch Lock with Strike Plate

- With a euro profile cylinder and strike plate
- Dead bolt projection of 15mm (single throw)
- Three high security computer keys
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



* Also available: Key to Knob on order
Code: OPL-1-K2N

OPL-1A

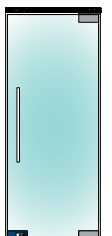
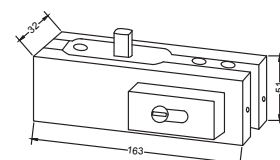
Corner Patch Lock with Sleek Bolt



Specifications

Corner Patch Lock with Sleek Plate

- With a euro profile cylinder and strike plate
- Dead bolt projection of 15mm (single throw)
- Three high security computer keys
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPL-1B

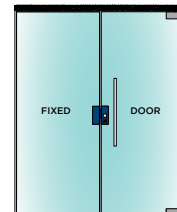
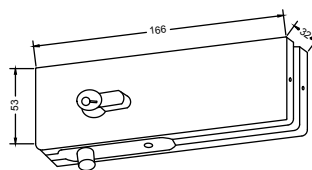
Corner Patch Lock with Round Bolt



Specifications

Centre Patch Lock with Round Box

- With a euro profile cylinder and strike box
- Dead bolt projection of 15mm (single throw)
- Three high security computer keys
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPL-2A & 2B

To Lock the Door at Centre on another Fixed Glass

OPL-2B



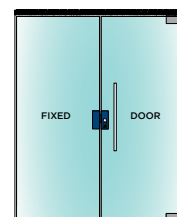
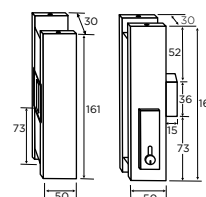
OPL-2A



Specifications

Centre Patch Lock and Strike Box

- With a euro profile cylinder and strike box
- Dead bolt projection of 15mm (single throw)
- Three high security computer keys
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPL-3A

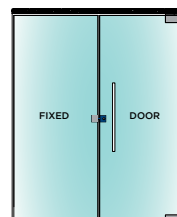
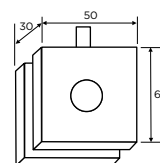
To Lock the Door at Centre onto a Fixed Glass or Wall



Specifications

Thumb Turn Lock

- Can also be used for locking door on wall or floor
- Locking with the help of thumb turn
- Comes with Strike Plate
- Dead bolt projection of 10mm (single throw)
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



OPL-3B

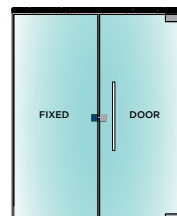
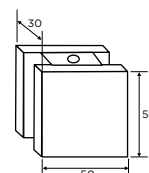
Strike Box for OPL-3A



Specifications

Strike Box for OPL-3A

- To accept lever of OPL-3A
- With SS 304 cover
- Cover secured with small 'L' key
- Finish: SSS



*(Available on Specific Demand)

OPL-4A-4B N

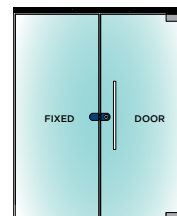
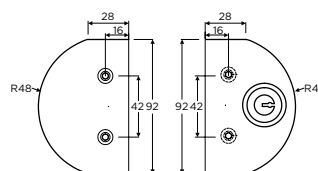
To Lock the Door at Centre onto a Fixed Glass (Without Cutout)



Specifications

Patch Lock with Strike Box (without cutout)

- Can also be used for sliding doors & Double Doors
- Suitable for 10mm & 12mm glass
- Requires No Cutout in Glass
- Operates with key on one side
- Stainless Steel Grade 304
- Finish: SSS



OPL-4A-N-S

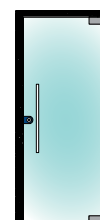
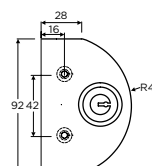
To Lock the Single Door (Without Cutout)



Specifications

Glass Door Lock with Strike plate (Without Cutout)

- Can also be used for sliding doors
- Suitable for 10mm & 12mm Glass
- Requires no cutout in glass
- Operates with key on one side
- Finish: SSS





SUPER PATCH FITTINGS

- High quality and high specification patch fittings in SS316 grade covers.
- Thicker Snap-fit Covers instead of the contemporary pin system models.
- High Quality Steel Body (instead of Aluminum) with SS Pins for long lasting screw holding.
- The Side Plate allows better finishing and aesthetics.
- Ergonomic Design.
- Cut outs are same as that of respective International Patch Fittings.

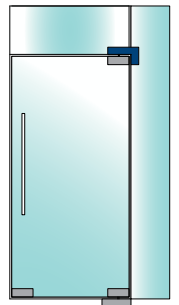
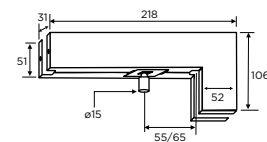
OPF-1S

Top Patch Fitting



Specifications Over Panel Side Panel Connecting Patch

- With SS 316 cover
- Cover secured with small 'L' key
- Pivot pin of 15mm diameter
- Adjustable pivot point 55/65mm
- Finish: SSS



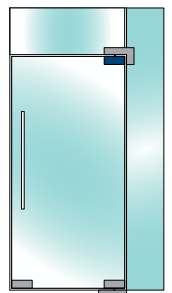
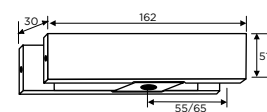
OPF-2S

Secured on to the Door Leaf Top to accept the Pivot of OPF-1 / OPF-4 or OFS-ACC-GDP



Specifications Top Patch

- Variable pivot point of 55 or 65mm
- With SS 316 cover
- Cover secured with small 'L' key
- Finish: SSS



OPF-3S

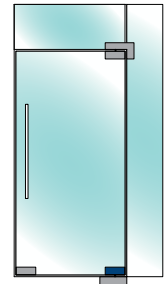
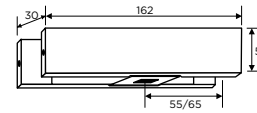
Secured on to the Bottom of the Door Leaf to accept the Spindle of Ozone floor Springs



Specifications

Bottom Patch

- Variable pivot point of 55 or 65mm
- With SS 316 cover
- Cover secured with small 'L' key
- Finish: SSS



OPF-4S

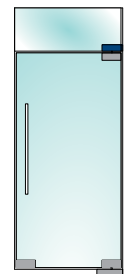
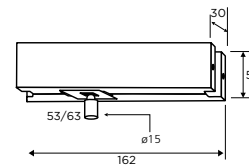
Wall Mounted Over Panel Patch with Pivot



Specifications

Wall Mounted Over Panel Patch with Pivot

- With SS 316 cover
- Cover secured with small 'L' key
- Finish: SSS



OPF-610S

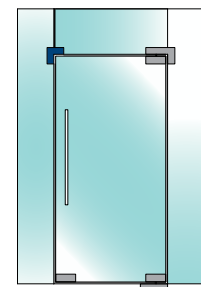
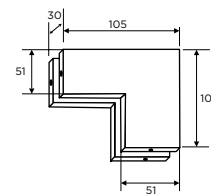
Over Panel Side Panel Connector



Specifications

Over Panel Side Panel Connector

- With SS 316 cover
- Cover secured with small 'L' key
- Finish: SSS



OPL-1S

High Security Patch Lock



Specifications

Corner Patch Lock with Strike Plate

- With a euro profile cylinder and strike plate
- Dead bolt projection of 15mm (single throw)
- Three high security computer keys
- With SS 316 cover
- Cover secured with small 'L' key
- Finish: SSS

