

# SUGATSUNE

Since 1930

Because details matter



## SOLUTIONS FOR GLASS FITTINGS

DOORS | CABINETS | BRACKETS | PARTITIONS

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## Glass Shelf Brackets 983919, 983920

SUS TEMPERED GLASS



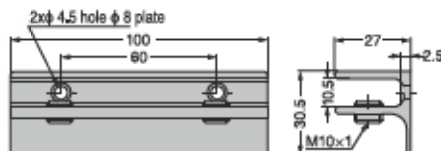
- Made of stainless steel, it has excellent corrosion resistance.
- Use a hexagonal wrench (nominal size 5) to fix the glass plate.
- Parts set with tempered glass shelf plate is also available

### [Recommended screw]

- Cross recessed countersunk tapping screw Nominal 4 or countersunk screw M4 (stainless steel)

### [Note]

- Please be sure to check the plate support load data table



| Ref | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                  | Finish         |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|---------------------------|----------------|
| —   | —   | 183148       | 983919       | 6, 8, 10                    | 300 or less | 100                                | 10                     | Stainless Steel (SUS 304) | Mirror Plating |
| —   | —   | 183149       | 983920       |                             |             |                                    |                        |                           | Satin Finish   |

## Glass Shelf Brackets Type 2881

SUS TEMPERED GLASS



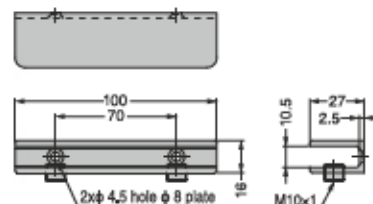
- Fix the glass plate with a hexagonal wrench (nominal size 5).
- Parts set with tempered glass shelf plate is also available.

### [Recommended screw]

- Cross recessed countersunk tapping screw Nominal 4 or countersunk screw M4 (stainless steel)

### [Note]

- Please be sure to check the plate support load data table



| Ref | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                  | Finish       |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|---------------------------|--------------|
| —   | —   | 183136       | 983907       | 6, 8, 10                    | 300 or less | 100                                | 10                     | Stainless Steel (SUS 304) | Satin Finish |
| —   | —   | 183137       | 983908       |                             |             |                                    |                        |                           |              |

## Glass Shelf Brackets Type 3073

SUS TEMPERED GLASS



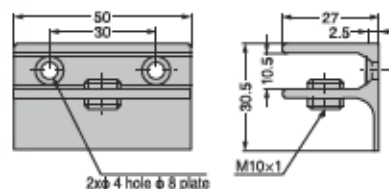
- Made of stainless steel, it has excellent corrosion resistance.
- Use a hexagonal wrench (nominal size 5) to fix the glass plate.
- Parts set with tempered glass shelf plate is also available

### [Recommended screw]

- Cross recessed countersunk tapping screw Nominal 4 or countersunk screw M4 (stainless steel)

### [Note]

- Please be sure to check the plate support load data table



| Ref | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material              | Finish         |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|-----------------------|----------------|
| —   | —   | 183150       | 983921       | 6, 8, 10                    | 300 or less | 75                                 | 7.5                    | Zinc Alloy (ZDC)      | Mirror Plating |
| —   | —   | 183151       | 983922       |                             |             |                                    |                        | Stainless Steel (304) | Satin Finish   |

## Glass Shelf Brackets Type 2877

SUS TEMPERED GLASS



983901

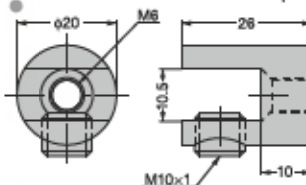
- Fix the glass plate with a hex wrench (nominal size 5).

### 【Caution】

- Use screws 2878ST8 and 2879 according to the application.

### 【Note】

- Please be sure to check the plate support load data table



| RHS | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                  | Finish                         |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|---------------------------|--------------------------------|
| —   | —   | 183144       | 983901       | 6, 8, 10                    | 300 or less | 50                                 | 5                      | Stainless Steel (SUS 304) | Mirror Plating<br>Satin Finish |

## Glass Shelf Brackets single-sided mounting parts For 2879 / 2877 Type

SUS TEMPERED GLASS

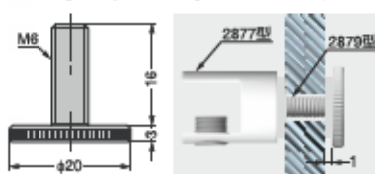


983904

- Made of stainless steel, it has excellent corrosion resistance.

### 【Recommended hole】

- The glass processing dimension is  $\phi 8$  mm.



| RHS | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                  | Finish                         |
|-----|-----|--------------|--------------|-----------------------------|------------------------------------|------------------------|---------------------------|--------------------------------|
| —   | —   | 183152       | 983904       | 6, 8, 10                    |                                    |                        | Stainless Steel (SUS 304) | Mirror Plating<br>Satin Finish |

## Glass Shelf Brackets 983923, 983924



983923

983924

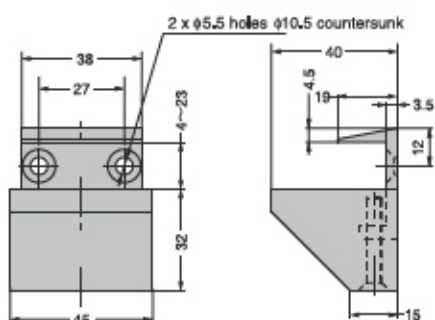
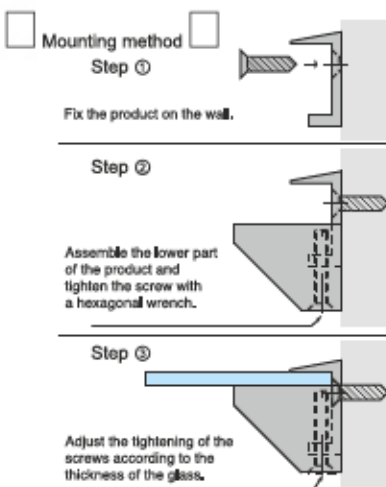
- Made of stainless steel, it has excellent corrosion resistance.
- Use a hexagonal wrench (nominal size 3) to tighten the screw from the bottom to fix the glass plate.

### 【Recommended screws】

- Cross recessed countersunk tapping screw nominal 5 or countersunk screw M5 (stainless steel)

### 【Note】

- Please be sure to check the plate support load data table



| RHS | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                  | Finish         |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|---------------------------|----------------|
| —   | —   | 183153       | 983923       | 4 ~ 23                      | 300 or less | 100                                | 10                     | Stainless Steel (SUS 304) | Mirror Plating |
| —   | —   | 183154       | 983924       |                             |             |                                    |                        |                           | Satin Finish   |

## Glass Shelf Brackets Type 2884

SUS TEMPERED GLASS



983909

983910

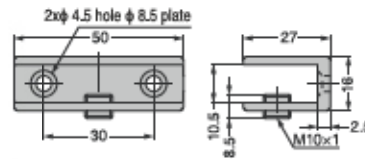
- Fix the glass plate with a hexagon wrench (nominal 5).
- There is also a parts set with a tempered glass shelf.

### [Recommended screw]

- Cross recessed countersunk tapping screw Nominal 4 or countersunk screw M4 (stainless steel)

### [Note]

- Please be sure to check the plate support load data table



| RHS | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                 | Finish         |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|--------------------------|----------------|
| -   | -   | 183138       | 983909       | 6, 8, 10                    | 300 or less | 50                                 | 2                      | Stainless Steel (SUS304) | Mirror Plating |
| -   | -   | 183139       | 983910       |                             |             | 50                                 | 2                      | Stainless Steel (SUS304) | Satin Finish   |

## Glass Shelf Brackets Type 2885

SUS TEMPERED GLASS



983911

983912

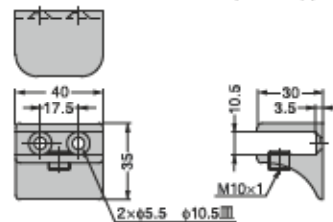
- Fix the glass plate with a hexagon wrench (nominal 5).
- Parts set with tempered glass shelf plate is also available

### [Recommended screw]

- Cross recessed countersunk tapping screw Nominal 4 or countersunk screw M5 (stainless steel)

### [Note]

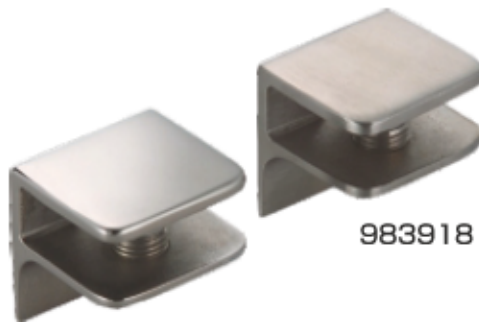
- Please be sure to check the plate support load data table



| RHS | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                 | Finish         |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|--------------------------|----------------|
| -   | -   | 183132       | 983911       | 6, 8, 10                    | 300 or less | 100                                | 10                     | Stainless Steel (SUS304) | Mirror Plating |
| -   | -   | 183133       | 983912       |                             |             |                                    |                        | Stainless Steel (SUS304) | Satin Finish   |

## Glass Shelf Brackets 983917, 983918

SUS TEMPERED GLASS



983917

983918

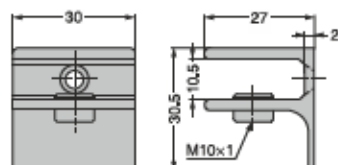
- Made of stainless steel, it has excellent corrosion resistance.
- Fix the glass plate with a hex wrench (nominal size 5).

### [Recommended screw]

- Cross-recessed countersunk tapping screw nominal size 4, or countersunk head screw M4 (stainless steel)

### [Note]

- Please be sure to check the plate support load data table



| RHS | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                  | Finish         |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|---------------------------|----------------|
| -   | -   | 183146       | 983917       | 6, 8, 10                    | 300 or less | 75                                 | 7.5                    | Stainless Steel (SUS 304) | Mirror Plating |
| -   | -   | 183147       | 983918       |                             |             |                                    |                        | Stainless Steel (SUS 304) | Satin Finish   |

## Glass Shelf Brackets Type 2880

SUS TEMPERED GLASS



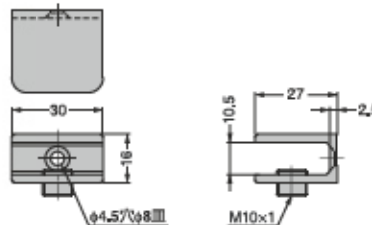
- Fix the glass plate with a hex wrench (nominal size 5).

### 【Recommended screw】

- Cross recessed countersunk tapping screw Nominal 4 or countersunk screw M4 (stainless steel)

### 【Note】

- Please be sure to check the plate support load data table



| Rd# | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                  | Finish           |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|---------------------------|------------------|
| -   | -   | 183134       | 983905       | 6, 8, 10                    | 300 or less | 50                                 | 5                      | Stainless Steel (SUS 304) | Mirror Polishing |
| -   | -   | 183135       | 983906       |                             |             |                                    |                        |                           | Satin Finish     |

## Glass Shelf Brackets 983915, 983916

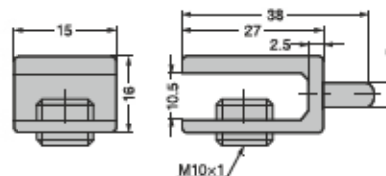
SUS TEMPERED GLASS



- Made of stainless steel, it has excellent corrosion resistance.
- Fix the glass plate with a hex wrench (nominal size 5).
- Drill a hole in the wall and insert a pin into it.

### 【Note】

- Please be sure to check the plate support load data table



| Rd# | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                  | Finish         |
|-----|-----|--------------|--------------|-----------------------------|------------------------------------|------------------------|---------------------------|----------------|
| -   | -   | 183142       | 983915       | 6, 8, 10                    | 20                                 | 2                      | Stainless Steel (SUS 304) | Mirror Plating |
| -   | -   | 183143       | 983916       |                             |                                    |                        |                           | Satin Finish   |

## Glass Shelf Brackets 983913, 983914

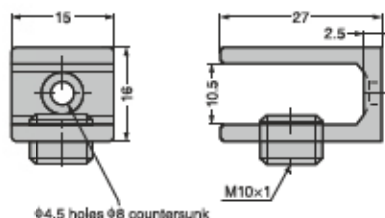
SUS TEMPERED GLASS



- Made of stainless steel, it has excellent corrosion resistance.
- Fix the glass plate with a hex wrench (nominal size 5).

### 【Note】

- Cross-recessed countersunk tapping screw nominal size 4 or countersunk screw M4 (stainless steel)
- Please be sure to check the plate support load data table



| Rd# | CAD | Product Code | Product Name | Application Glass Thickness | Shelf Depth | Shelf Depth With Stand Load N/2pcs | Load Capacity Kgf/2pcs | Material                  | Finish         |
|-----|-----|--------------|--------------|-----------------------------|-------------|------------------------------------|------------------------|---------------------------|----------------|
| -   | -   | 183140       | 983913       | 6, 8, 10                    | 300 or less | 300                                | 3                      | Stainless Steel (SUS 304) | Mirror Plating |
| -   | -   | 183141       | 983914       |                             |             |                                    |                        |                           | Satin Finish   |

## J95 SERIES



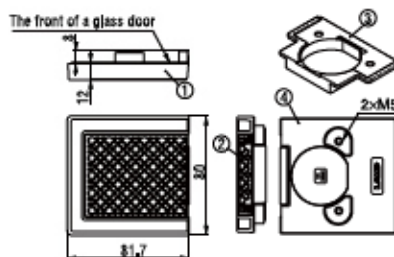
| Full Overlay                                      | Glass Door Thickness  | Item Name                                                        | Description                                                                | Opening Angle | Cup Size | Cup Depth | Type      | Material                        | Finish       |
|---------------------------------------------------|-----------------------|------------------------------------------------------------------|----------------------------------------------------------------------------|---------------|----------|-----------|-----------|---------------------------------|--------------|
| Overlay<br>21-25mm<br>(When Bore Distance is 8mm) | Glass Door<br>8-10 mm | J95 Full-overlay With MP & Safety Covers                         | J95-24/25T + J95-P6T + J95SC-25GR + J95ZC/GR + J95CC-GR - 1 PC Each        | 95°           | 40mm     | 15mm      | W/o Catch | Body/Steel, Cup/Zinc Alloy(zdc) | Nickel       |
|                                                   |                       | J95 Full-overlay With Catch With MP & Safety Covers              | J95-C24/25T + J95-P6T + J95SC-25GR + J95ZC/GR + J95CC-GR - 1 PC Each       | 95°           | 40mm     | 15mm      | W/Catch   | Body/Steel, Cup/Zinc Alloy(zdc) | Nickel       |
|                                                   |                       | J95 Full-overlay Black Nickel With MP & Safety Covers            | J95-24-25T BN + J95-P6T BN + J95ZC-BC + J95CC-BC + J95SC-25BC - 1 PC Each  | 95°           | 40mm     | 15mm      | W/o Catch | Body/Steel, Cup/Zinc Alloy(zdc) | Black Nickel |
|                                                   |                       | J95 Full-overlay With Catch Black Nickel With MP & Safety Covers | J95-C24-25T BN + J95-P6T BN + J95ZC-BC + J95CC-BC + J95SC-25BC - 1 PC Each | 95°           | 40mm     | 15mm      | W/Catch   | Body/Steel, Cup/Zinc Alloy(zdc) | Black Nickel |

| Half Overlay                                      | Glass Door Thickness   | Item Name                                                        | Description                                                                | Opening Angle | Cup Size | Cup Depth | Type      | Material                        | Finish       |
|---------------------------------------------------|------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------|---------------|----------|-----------|-----------|---------------------------------|--------------|
| Overlay<br>12-16mm<br>(When Bore Distance is 8mm) | Glass Door<br>8- 10 mm | J95 Half-overlay With MP & Safety Covers                         | J95-24/16T + J95-P6T + J95SC-16GR + J95ZC/GR + J95CC-GR - 1 PC EACH        | 95°           | 40mm     | 15mm      | W/o Catch | Body/Steel, Cup/Zinc Alloy(zdc) | Nickel       |
|                                                   |                        | J95 Half-overlay With Catch With MP & Safety Covers              | J95-C24/16T + J95-P6T + J95SC-16GR + J95ZC/GR + J95CC-GR - 1 PC EACH       | 95°           | 40mm     | 15mm      | W/Catch   | Body/Steel, Cup/Zinc Alloy(zdc) | Nickel       |
|                                                   |                        | J95 Half-overlay Black Nickel With MP & Safety Covers            | J95-24-16T BN + J95-P6T BN + J95ZC-BC + J95CC-BC + J95SC-16BC - 1 PC EACH  | 95°           | 40mm     | 15mm      | W/o Catch | Body/Steel, Cup/Zinc Alloy(zdc) | Black Nickel |
|                                                   |                        | J95 Half-overlay With Catch Black Nickel With MP & Safety Covers | J95-C24-16T BN + J95-P6T BN + J95ZC-BC + J95CC-BC + J95SC-16BC - 1 PC EACH | 95°           | 40mm     | 15mm      | W/Catch   | Body/Steel, Cup/Zinc Alloy(zdc) | Black Nickel |

| Inset                                           | Glass Door Thickness    | Item Name                                                 | Description                                                              | Opening Angle | Cup Size | Cup Depth | Type      | Material                        | Finish       |
|-------------------------------------------------|-------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------|---------------|----------|-----------|-----------|---------------------------------|--------------|
| Overlay<br>4-6mm<br>(When Bore Distance is 8mm) | Glass Door<br>8 - 10 mm | J95 Inset With MP & Safety Covers                         | J95-24/0T + J95-P6T + J95SC-0GR + J95ZC/GR + J95CC-GR - 1 PC EACH        | 93°           | 40mm     | 15mm      | W/o Catch | Body/Steel, Cup/Zinc Alloy(zdc) | Nickel       |
|                                                 |                         | J95 Inset With Catch With MP & Safety Covers              | J95-C24/0T + J95-P6T + J95SC-0GR + J95ZC/GR + J95CC-GR - 1 PC EACH       | 93°           | 40mm     | 15mm      | W/Catch   | Body/Steel, Cup/Zinc Alloy(zdc) | Nickel       |
|                                                 |                         | J95 Inset Black Nickel With MP & Safety Covers            | J95-24-0T BN + J95-P6T BN + J95ZC-BC + J95CC-BC + J95SC-0BC - 1 PC EACH  | 93°           | 40mm     | 15mm      | W/o Catch | Body/Steel, Cup/Zinc Alloy(zdc) | Black Nickel |
|                                                 |                         | J95 Inset With Catch Black Nickel With MP & Safety Covers | J95-C24-0T BN + J95-P6T BN + J95ZC-BC + J95CC-BC + J95SC-0BC - 1 PC EACH | 93°           | 40mm     | 15mm      | W/Catch   | Body/Steel, Cup/Zinc Alloy(zdc) | Black Nickel |

## FACE PLATE FOR GLASS DOOR

## GH-J95FP-Q1



### Parts Included

Countersunk head screw M5x18

### Sold Separately

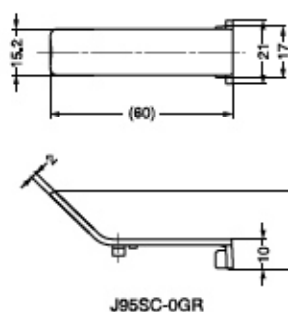
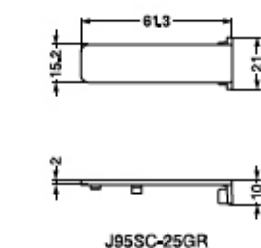
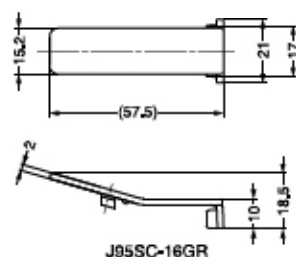
- Heavy duty concealed hinge J95 (P.368 - 371).
- Mounting plate J95-P6T (P.368)

| Item Code   | Item Name      | Finish/Colour        | Weight | Carton |
|-------------|----------------|----------------------|--------|--------|
| 160-035-782 | GH-J95FP-Q1-SL | Nickel               | 305 g  | 20pc   |
| 160-035-783 | GH-J95FP-Q1-GL | 24 Karat Gold Plated |        | 20pc   |
| 160-035-784 | GH-J95FP-Q1-BR | Antique Brass        |        | 20pc   |
| 160-035-785 | GH-J95FP-Q1-BL | Black Nickel         |        | 20pc   |

| No. | Part Name         | Material         | Finish/Colour        |
|-----|-------------------|------------------|----------------------|
| ①   | Face Plate        | Zinc Alloy (ZDC) | Chrome               |
|     |                   |                  | 24 Karat Gold Plated |
|     |                   |                  | Antique Brass        |
| ②   | Decorative Plate  | Brass            | Black (As Left)      |
| ③   | Socket Spacer     | Polyacetal       | Black                |
| ④   | Face Plate Spacer | (POM)            |                      |

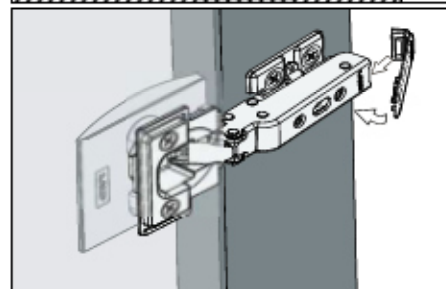
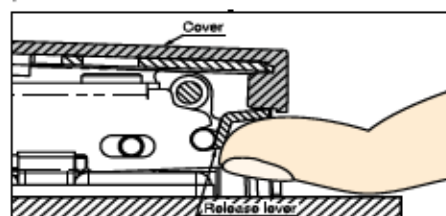
## SAFETY COVER

## J95SC



### Features

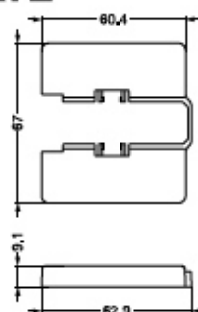
The cover locks the release lever of J95 hinge to prevent accidental release



| Item Code   | Item Name  | Use With     | Material | Weight | Finish/Color | Carton  |
|-------------|------------|--------------|----------|--------|--------------|---------|
| 160-032-783 | J95SC-25GR | J95-(C)24/25 | ABS      | 3 g    | Gray         | 500 pcs |
| 160-034-673 | J95SC-25NI | J95-(C)24/25 | ABS      | 3 g    | Nickel       | 500 pcs |
| 160-032-784 | J95SC-16GR | J95-(C)24/16 | ABS      | 3 g    | Gray         | 500 pcs |
| 160-034-674 | J95SC-16NI | J95-(C)24/16 | ABS      | 3 g    | Nickel       | 500 pcs |
| 160-032-785 | J95SC-0GR  | J95-(C)24/0  | ABS      | 3 g    | Gray         | 500 pcs |
| 160-034-675 | J95SC-0NI  | J95-(C)24/0  | ABS      | 3 g    | Nickel       | 500 pcs |

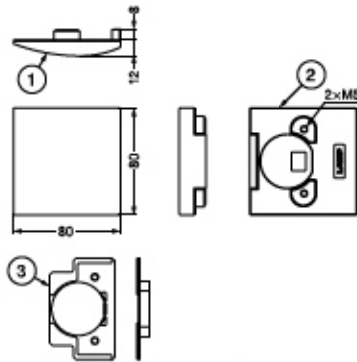
## COVER FOR MOUNTING PLATE

## J95ZC



| Item Code   | Item Name | Use With | Material | Weight | Carton  |
|-------------|-----------|----------|----------|--------|---------|
| 160-032-766 | J95ZC-GR  | J95-P6T  | ABS      | 9 g    | 500 pcs |
| 160-034-743 | J95ZC-NI  | J95-P6T  | ABS      | 9 g    | 500 pcs |

# FACE PLATE FOR GLASS DOOR



\*Black Nickel will be available soon.

## J95 Application



## GH-J95FP

### Parts Included

Countersunk head screw M5x18

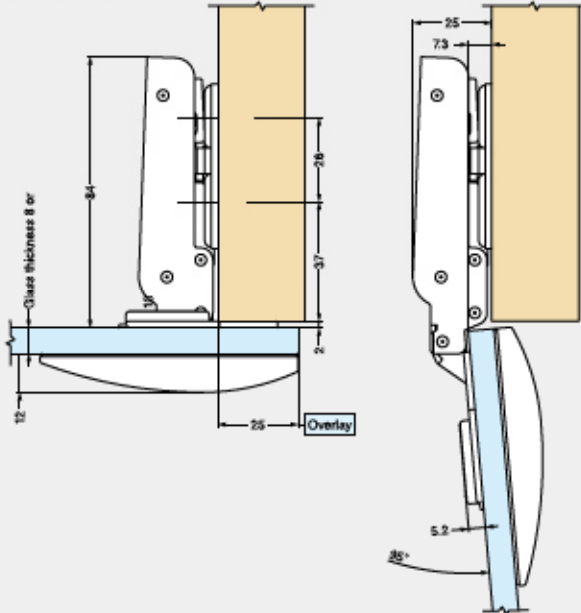
### Sold Separately

• Heavy duty concealed hinge J95 (P.368 - 371).

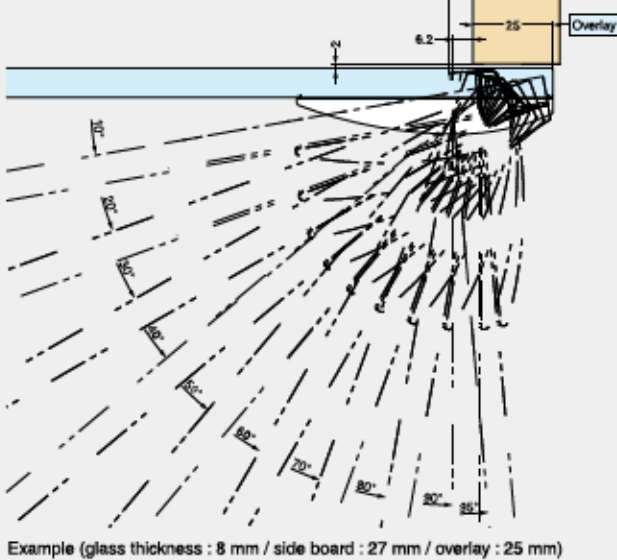
• Mounting plate J95-P6T (P.368)

| Item Code   | Item Name   | Material         | Finish       | Weight | Carton |
|-------------|-------------|------------------|--------------|--------|--------|
| 160-032-418 | GH-J95FP-CR | Zinc Alloy (ZDC) | Chrome       | 320 g  | 20 pcs |
| 160-033-893 | GH-J95FP-SN |                  | Satin Nickel |        | 20 pcs |

### • Outline drawing



### • Locus chart



Example (glass thickness : 8 mm / side board : 27 mm / overlay : 25 mm)

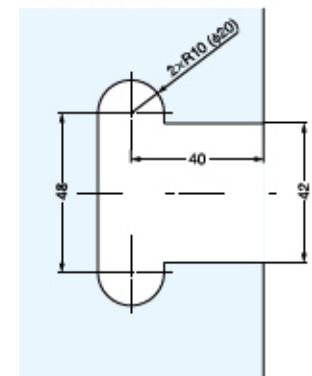


### Opening Clearance

Hinge side = 0 mm

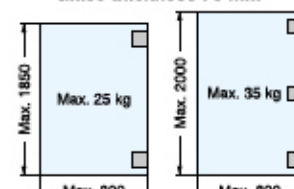
Handle side = 0 mm

### Cut Out Dimensions

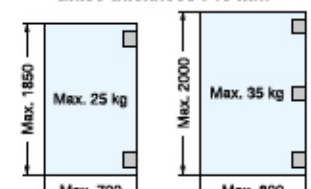


### Door Dimensions and Number of Hinges

Glass thickness : 8 mm

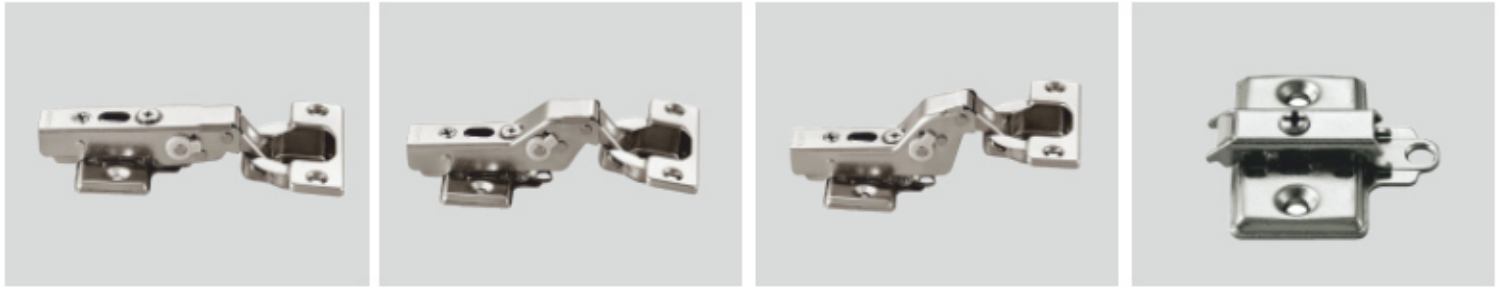


Glass thickness : 10 mm



## OLYMPIA - SERIES

3D adjustment  
Depth: +1.5, -2.5mm, Vertical:  $\pm 2.5$ mm,  
Overlay: +0, -4mm  
Maximum Width 600mm

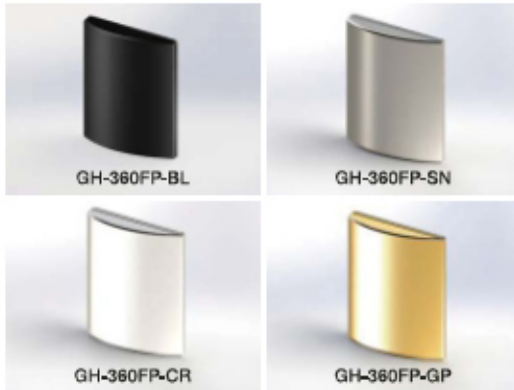


| Full Overlay | Olympia 360 Soft Close Concealed Hinge - 19mm Overlay | Item Name                                          | Description                  | Opening Angle | Cup Size | Cup Depth | Type               | Material | Finish         |
|--------------|-------------------------------------------------------|----------------------------------------------------|------------------------------|---------------|----------|-----------|--------------------|----------|----------------|
|              | Glass Door Thickness                                  |                                                    |                              |               |          |           |                    |          |                |
| 19mm         | 4-6mm                                                 | Olympia 360D Full Overlay With MP (Mounting Plate) | 360-D26-19T + 360-P4W-32*2PC | 105°          | 35mm     | 11mm      | W/Damper (5-level) | Steel    | Nickel Plating |
| 19mm         | 4-6mm                                                 | Olympia 360C Full Overlay With MP (Mounting Plate) | 360-C26-19T + 360-P4W-32*2PC | 105°          | 35mm     | 11mm      | W/catch            | Steel    | Nickel Plating |
| 19mm         | 4-6mm                                                 | Olympia 360 Full Overlay With MP (Mounting Plate)  | 360-26-19T + 360-P4W-32*2PC  | 105°          | 35mm     | 11mm      | W/o Catch          | Steel    | Nickel Plating |

| Half Overlay | Olympia 360 Soft Close Concealed Hinge - 9mm Overlay | Item Name                                          | Description                 | Opening Angle | Cup Size | Cup Depth | Type               | Material | Finish         |
|--------------|------------------------------------------------------|----------------------------------------------------|-----------------------------|---------------|----------|-----------|--------------------|----------|----------------|
|              | Glass Door Thickness                                 |                                                    |                             |               |          |           |                    |          |                |
| 9mm          | 4-6mm                                                | Olympia 360D Half Overlay With MP (Mounting Plate) | 360-D26-9T + 360-P4W-32*2PC | 105°          | 35mm     | 11mm      | W/Damper (5-level) | Steel    | Nickel Plating |
| 9mm          | 4-6mm                                                | Olympia 360C Half Overlay With MP (Mounting Plate) | 360-C26-9T + 360-P4W-32*2PC | 105°          | 35mm     | 11mm      | W/catch            | Steel    | Nickel Plating |
| 9mm          | 4-6mm                                                | Olympia 360 Half Overlay With MP (Mounting Plate)  | 360-26-9T + 360-P4W-32*2PC  | 105°          | 35mm     | 11mm      | W/o Catch          | Steel    | Nickel Plating |

| Inset | Olympia 360 Soft Close Concealed Hinge - Inset | Item Name                                   | Description                 | Opening Angle | Cup Size | Cup Depth | Type               | Material | Finish         |
|-------|------------------------------------------------|---------------------------------------------|-----------------------------|---------------|----------|-----------|--------------------|----------|----------------|
|       | Glass Door Thickness                           |                                             |                             |               |          |           |                    |          |                |
| Inset | 4-6mm                                          | Olympia 360D Inset With MP (Mounting Plate) | 360-D26-0T + 360-P4W-32*2PC | 105°          | 35mm     | 11mm      | W/Damper (5-level) | Steel    | Nickel Plating |
| Inset | 4-6mm                                          | Olympia 360C Inset With MP (Mounting Plate) | 360-C26-0T + 360-P4W-32*2PC | 105°          | 35mm     | 11mm      | W/catch            | Steel    | Nickel Plating |
| Inset | 4-6mm                                          | Olympia 360 Inset With MP (Mounting Plate)  | 360-26-0T + 360-P4W-32*2PC  | 105°          | 35mm     | 11mm      | W/o Catch          | Steel    | Nickel Plating |

## LAMP, Glass door face plate GH-360FP



○Glass door face plate designed specifically for the Olympia hinge.

(Not suitable for the H360 hinge).

○For tempered glass doors.

○Use the screws supplied and tighten to 0.75~1.5N.m

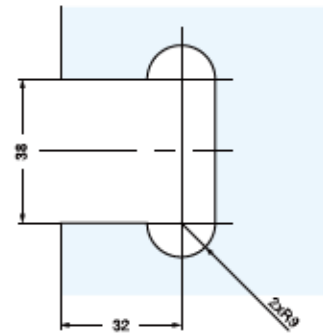
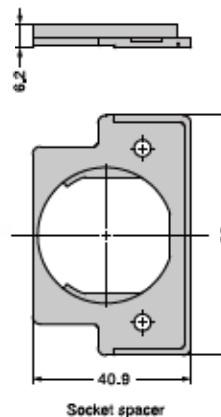
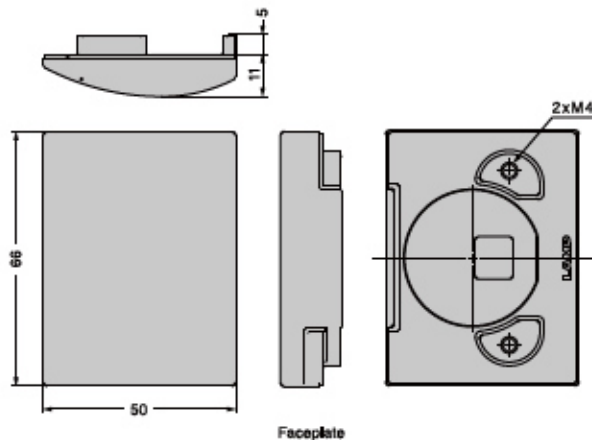
<Accessory>

○Cross Recessed Flat Head Machine Screw M4 x 14

|     | Item code   | Item name   | Finish / Colour  | Material                             |
|-----|-------------|-------------|------------------|--------------------------------------|
| NEW | 160-043-631 | GH-360FP-CR | Chrome plating   | Zinc Alloy (ZDC)<br>Polyacetal (POM) |
| NEW | 160-043-632 | GH-360FP-SN | Satin nickel     |                                      |
| NEW | 160-043-724 | GH-360FP-GP | 24K Gold plating |                                      |
| NEW | 160-043-633 | GH-360FP-BL | Black            |                                      |

### Cut Out Dimensions

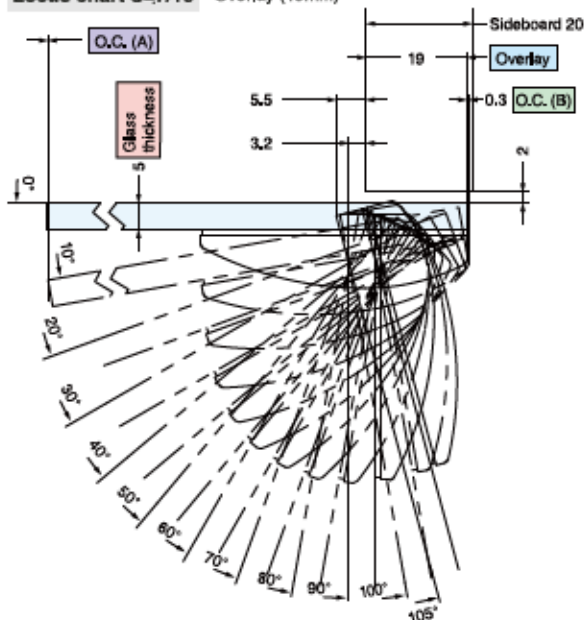
- Please use 4 - 6mm tempered glass.
- Use of shatterproof film is recommended.



### Side board and face plate relationship

► For a 5mm door, 20mm sideboard and 19 overlay.

#### Locus chart S<sub>1</sub>7/10 Overlay (19mm)



#### Opening clearance (O.C.)

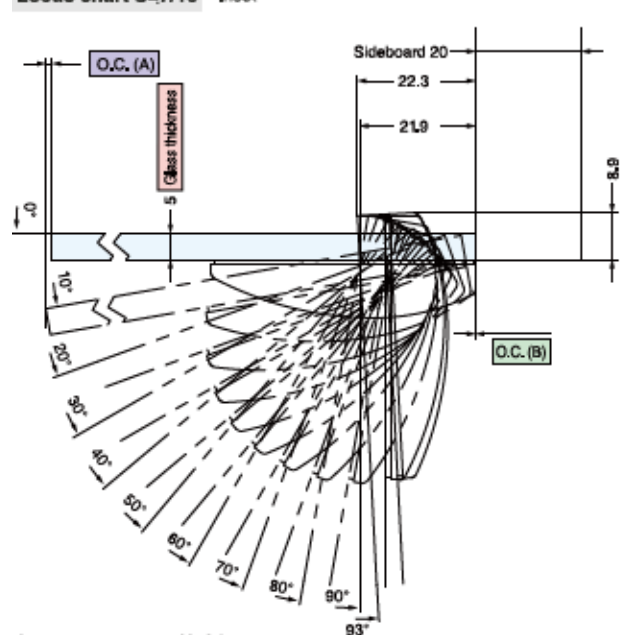
| Glass thickness | 4   | 5   | 6   |
|-----------------|-----|-----|-----|
| O.C. (B)        | 0.2 | 0.3 | 0.5 |

#### Opening clearance (A) and door width relationship (for 5mm door)

| Glass width | 300  | 400  | 500  | 600  |
|-------------|------|------|------|------|
| O.C. (A)    | 0.07 | 0.05 | 0.04 | 0.03 |

► For a 5mm door, 20mm sideboard and inset installation.

#### Locus chart S<sub>1</sub>7/10 Inset



#### Opening clearance (O.C.)

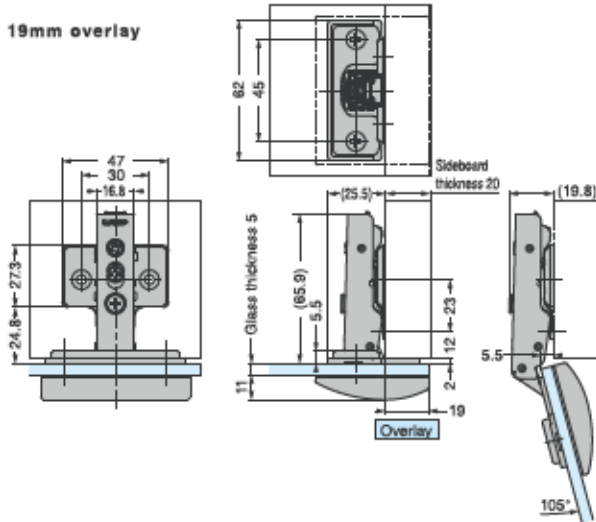
| Glass thickness | 4 | 5 | 6 |
|-----------------|---|---|---|
| O.C. (B)        | 0 | 0 | 0 |

#### Opening clearance (A) and door width relationship (for 5mm door)

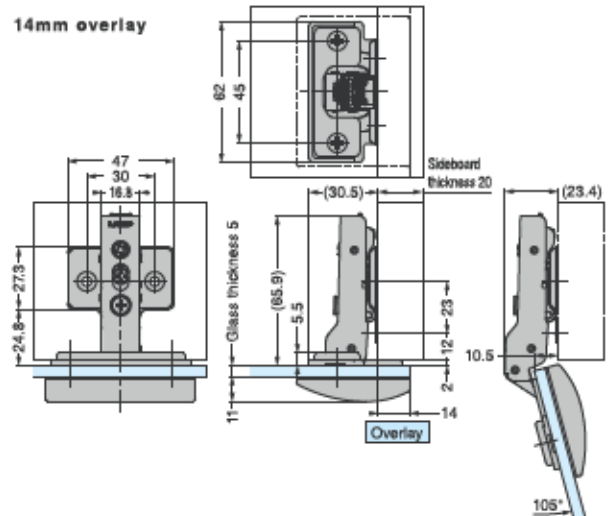
| Glass width | 300  | 400  | 500  | 600  |
|-------------|------|------|------|------|
| O.C. (A)    | 0.34 | 0.25 | 0.19 | 0.16 |

Installation drawing

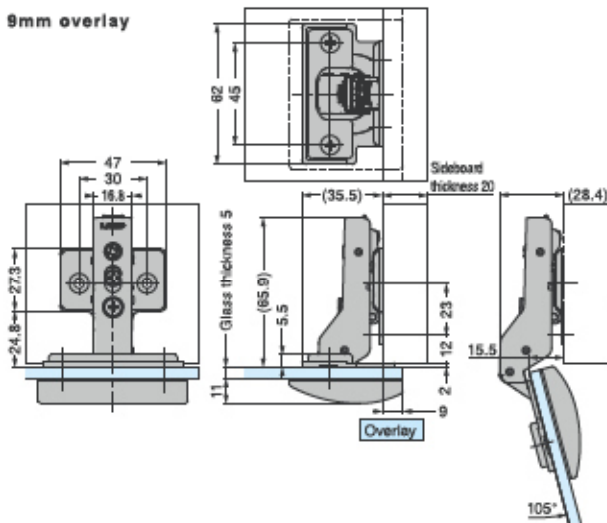
19mm overlay



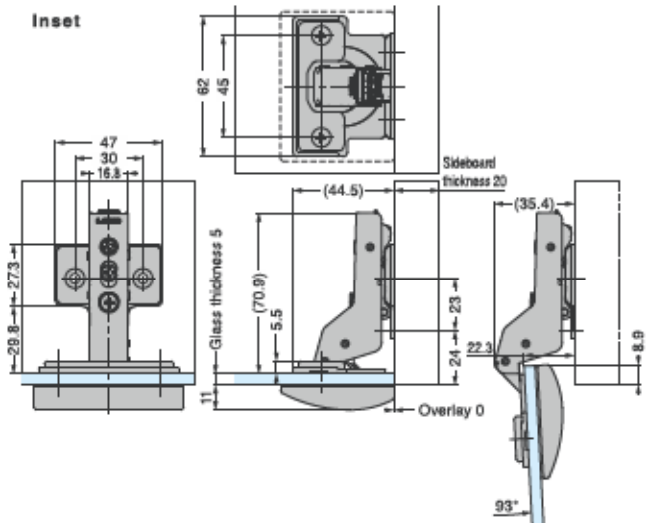
14mm overlay



9mm overlay

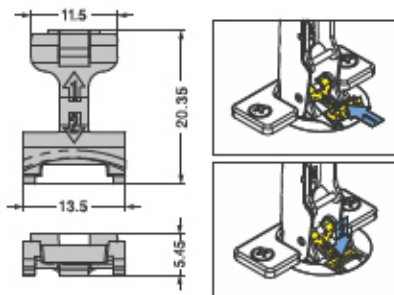


Inset



Drawings show a hinge, face plate and 360-P4W-30T mounting plate (sold separately).

**LAMP. 85°angle limiter 360-85**



○ Can be retrofitted to a 105° opening Olympia hinge (standard door) to limit the opening angle to 85°.

[Remarks]

● Not available for inset use.

|     | Item code   | Item name |
|-----|-------------|-----------|
| NEW | 160-042-335 | 360-85    |

**LAMP. Installation jig 360-JIG overlay installation**



○ For easy installation and alignment of the Olympia hinge mounting plate.

○ Cannot be used in combination with 360-P6W32-32T and pre-mounted screw mounting plates.

|     | Item code   | Item name | Box  | Carton |
|-----|-------------|-----------|------|--------|
| NEW | 160-042-396 | 360-JIG   | 50pc | 500pcs |

# DROP HINGE (FOR GLASS DOOR)

L=R

SDH-G



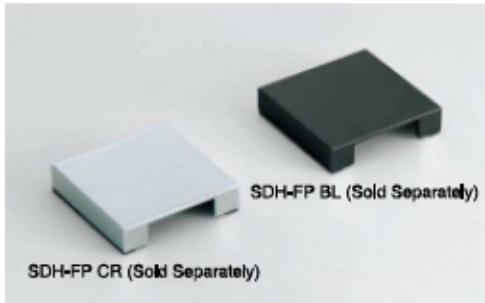
## Features

- Opening angle 90°.
- 3-way adjustment:  
Door gap : 2-3 mm / Horizontal :  $\pm 1$  mm / Overlay : 14-16 mm
- Can be used with soft-down stay SDS-100 (P.510) or NSDX-10 (P.518).

## Sold Separately

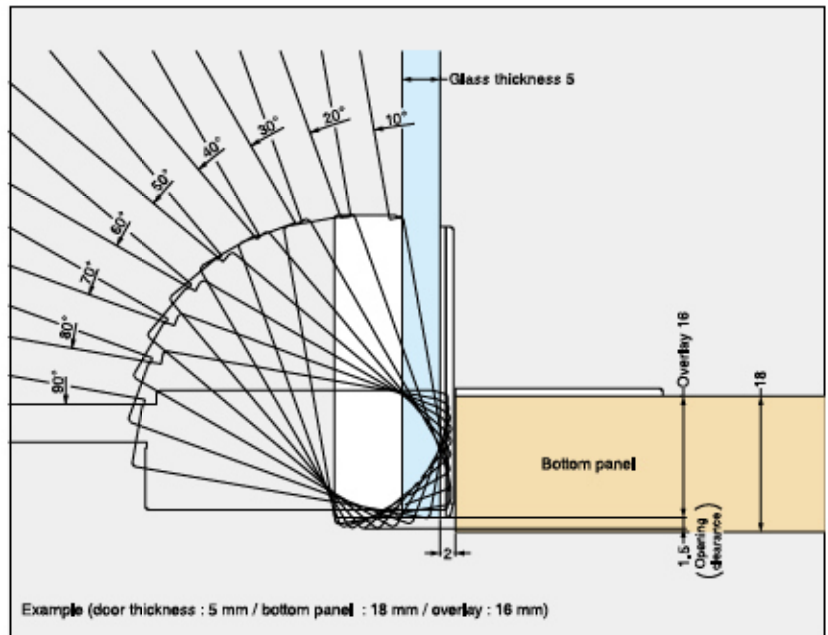
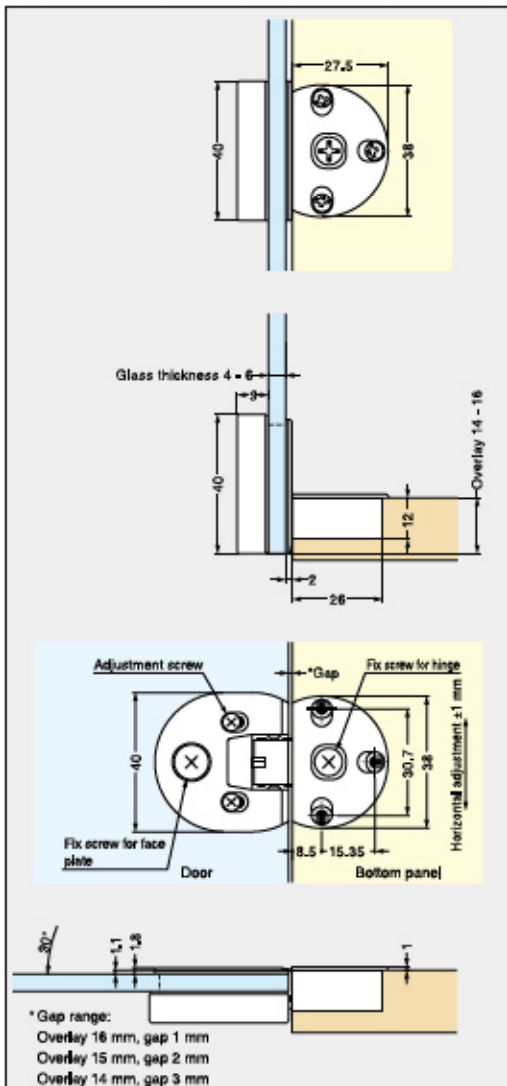
Face plate SDH-FP

| Item Code   | Item Name | Material         | Finish | Overlay | Glass Thickness | Opening Angle | Weight | Box    |
|-------------|-----------|------------------|--------|---------|-----------------|---------------|--------|--------|
| 170-016-331 | SDH-G     | Zinc Alloy (ZDC) | Nickel | 14 - 16 | 4 - 6           | 90°           | 91 g   | 50 pcs |

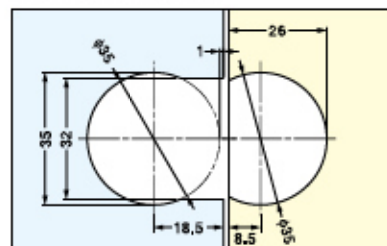


## Face Plate (Sold Separately)

| Item Code   | Item Name | Material         | Finish/Colour | Weight | Box    |
|-------------|-----------|------------------|---------------|--------|--------|
| 170-016-332 | SDH-FP CR | Zinc Alloy (ZDC) | Chrome        | 43 g   | 50 pcs |
| 170-016-333 | SDH-FP BL | Zinc Alloy (ZDC) | Black         | 43 g   | 50 pcs |

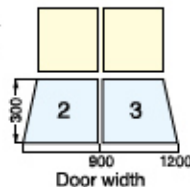


## Cut Out Dimensions



## Qty of Hinges

In case glass thickness is from 4 to 6 mm.



## Application Example

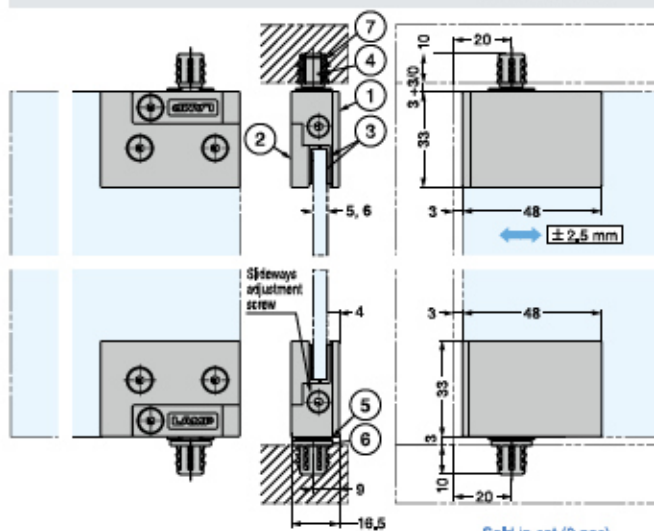


Combination with SDS-100-TV lid support

### GLASS HINGE (INSET)



## GS-GH5



**Sold in set (2 pcs).**

| CAD                                                                                 | Item CD     | Item Name | Finish/Colour     | Door Width     | Door Height    | Glass Thickness | Door Weight (Nets) | Door Weight (kg/Net) | Box (sets) | Carton (sets) |
|-------------------------------------------------------------------------------------|-------------|-----------|-------------------|----------------|----------------|-----------------|--------------------|----------------------|------------|---------------|
|  | 170-037-123 | GS-GH5-CR | Chrome            | Max.<br>600 mm | Max.<br>900 mm | 5, 6 mm         | 49                 | 8                    | 1          | 24            |
|  | 170-037-124 | GS-GH5-GP | Gold (2xK) Plated |                |                |                 |                    |                      | 1          | 24            |
|  | 170-042-197 | GS-GH5-BL | Black             |                |                |                 |                    |                      | 1          | 24            |

## Features

- For inset glass doors
- Can be used together with glass bracket GS-GB5 and glass door lock GS-GL5 for a total design of your showcase.
- Temporary holding feature allows the door to be installed easily by one person.
- Sideways adjustment ( $\pm 2.5$  mm) possible after installation of the door.

## Remarks

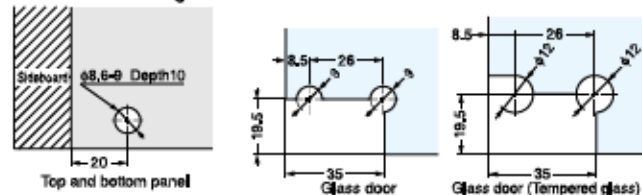
- Please refer to glass weight as the main reference when installing glass door.
- Please use different gasket supplied with item for 5 mm thickness glass door.
- Film for glass door is recommended for safe usage.
- Please prepare a door stop separately.

### Parts included

- Gaskets
- Spanner Hex 2.5

#Lock Available in page 31

## Installation Drawings



| No. | Part Name      | Material                 | Finish/Colour |                      |       |
|-----|----------------|--------------------------|---------------|----------------------|-------|
|     |                |                          | CR            | GP                   | BL    |
| (1) | Body           | Zinc Alloy (ZDC)         | Chrome        | Gold (24K)<br>Plated | Black |
| (2) | Cover Plate    |                          |               |                      |       |
| (3) | Gasket         | Chloroprene Rubber (CR)  |               | Black                |       |
| (4) | Axis           | Stainless Steel          |               | Plain                |       |
| (5) | Plastic Washer | Polyamide (PA)           |               | Black                |       |
| (6) | Metal Plate    | Stainless Steel (SUS304) |               | Plain                |       |
| (7) | Insert         | Zinc Alloy (ZDC)         |               | —                    |       |

## GLASS BRACKET



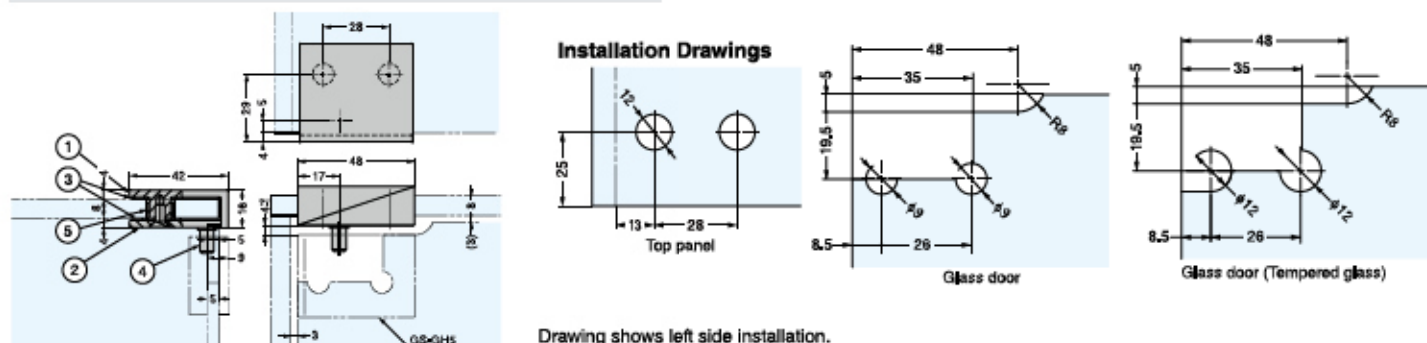
## Features

- For use with **glass hinge GS-GH5** for installation on cabinets with a **glass top**.
- Can be used together with **glass hinge GS-GH5** and **lock GS-GL5** for a complete unified design for your showcase.

## Remarks

- Film for glass door is recommended for safe usage.
- Please prepare a door stop separately.

## Installation Drawings



Drawing shows left side installation.

| CAD | Item Code   | Item Name   | Type       | Finish     | Glass Thickness | Box (pcs) | Carton (pcs) |
|-----|-------------|-------------|------------|------------|-----------------|-----------|--------------|
| -   | 170-037-125 | GS-GB5-R-CR | Right Side | Chrome     | 8 mm            | 1         | 24           |
| -   | 170-037-126 | GS-GB5-L-CR | Left Side  |            |                 | 1         | 24           |
| -   | 170-037-127 | GS-GB5-R-GP | Right Side | Gold (24K) |                 | 1         | 24           |
| -   | 170-037-128 | GS-GB5-L-GP | Left Side  | Plated     |                 | 1         | 24           |
| -   | 170-042-198 | GS-GB5-R-BL | Right Side | Black      |                 | 1         | 24           |
| -   | 170-042-207 | GS-GB5-L-BL | Left Side  |            |                 | 1         | 24           |

| No. | Part Name | Material                 | Finish/Colour |                   |       |
|-----|-----------|--------------------------|---------------|-------------------|-------|
|     |           |                          | CR            | GP                | BL    |
| ①   | Body      | Zinc Alloy (ZDC)         | Chrome        | Gold (24K) Plated | Black |
| ②   | Plate     | Stainless Steel (SUS430) |               |                   |       |
| ③   | Washer    | Chloroprene Rubber (CR)  |               |                   |       |
| ④   | Axis      | Stainless Steel          |               |                   |       |
| ⑤   | Tube      | Polyvinyl Chloride (PVC) |               |                   |       |

## GLASS HINGE (INSET)



## GS-GH20



### Features

- For inset glass doors
- Can be used together with glass bracket GS-GB20 and lock GS-GL20 for a total design of your showcase.
- Temporary holding feature allows the door to be installed easily by one person.
- Sideways adjustment ( $\pm 2.5$  mm) possible after installation of the door.

### Remarks

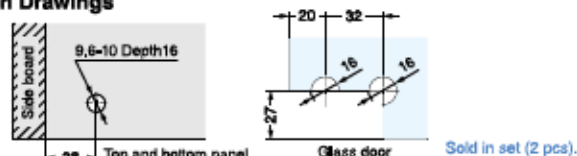
- Glass door weight is preferred to door size.
- Please use different gaskets supplied with item for 6 mm thickness glass door.
- Film on glass door is recommended for safe usage.
- Prepare door stopper separately.

### Parts supplied with set

- Gasket (For 6 mm thickness glass door)
- Spanner Hex,3

#Lock Available in page 32

### Installation Drawings



| No. | Part Name  | Material                | Finish/Colour                    |
|-----|------------|-------------------------|----------------------------------|
| ①   | Body       | Zinc Alloy (ZDC)        | Chrome, Gold (24K) Plated, Black |
| ②   | Back Plate | Zinc Alloy (ZDC)        | Black                            |
| ③   | Gasket     | Chloroprene Rubber (CR) | Black                            |
| ④   | Axis       | Stainless Steel         | Plain                            |
| ⑤   | Insert     | Zinc Alloy (ZDC)        | -                                |

| CAD | Item Code   | Item Name  | Finish            | Door Width (mm) | Door Height (mm) | Glass Thickness (mm) | Door Weight N/set | Door Weight kgf/set |
|-----|-------------|------------|-------------------|-----------------|------------------|----------------------|-------------------|---------------------|
| 3D  | 170-041-445 | GS-GH20-CR | Chrome            | Max. 700        | Max. 1,600       | 6, 8                 | 196               | 20                  |
| 3D  | 170-041-446 | GS-GH20-GP | Gold (24K) Plated |                 |                  |                      |                   |                     |
| 3D  | 170-041-447 | GS-GH20-BL | Black             |                 |                  |                      |                   |                     |

## GLASS BRACKET



## GS-GB20



### Features

- For use with glass hinge GS-GH20 in case of glass top cabinet.
- Can be used together with glass hinge GS-GH20 and lock GS-GL20 for a total design of your showcase.

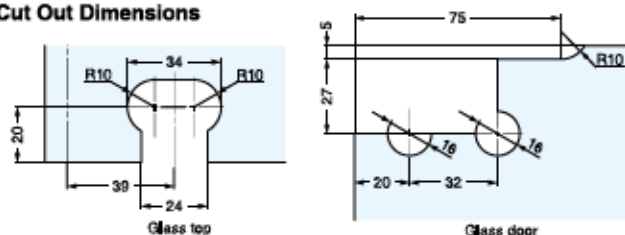
### Remarks

- For use with glass hinge GS-GH20 for installation on cabinets with a glass top.
- Can be used together with glass hinge GS-GH20 and lock GS-GL20 for a complete unified design for your showcase.

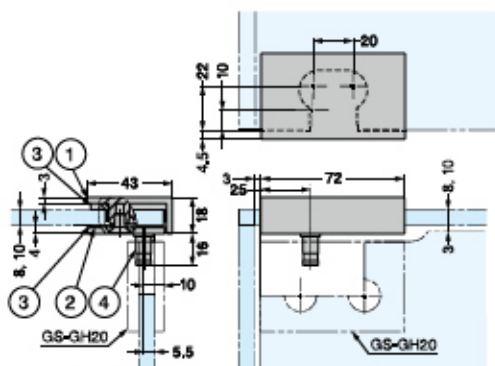
### Parts supplied with set

- Gasket (For 8 mm thickness glass door)

### Cut Out Dimensions



| No. | Part Name | Material                 | Finish/Colour                    |
|-----|-----------|--------------------------|----------------------------------|
| ①   | Body      | Zinc Alloy (ZDC)         | Chrome, Gold (24K) Plated, Black |
| ②   | Plate     | Stainless Steel (SUS430) | Black                            |
| ③   | Gasket    | Chloroprene Rubber (CR)  | Black                            |
| ④   | Axis      | Stainless Steel          | Plain                            |



Drawing shows left side installation

| CAD                                                                                | Item Code   | Item Name    | Type       | Finish            | Glass Thickness (mm) |
|------------------------------------------------------------------------------------|-------------|--------------|------------|-------------------|----------------------|
|  | 170-041-448 | GS-GB20-R-CR | Right Side | Chrome            | 8, 10                |
|  | 170-041-449 | GS-GB20-L-CR | Left Side  |                   |                      |
|  | 170-041-450 | GS-GB20-R-GP | Right Side | Gold (24K) Plated |                      |
|  | 170-041-451 | GS-GB20-L-GP | Left Side  |                   |                      |
|  | 170-041-452 | GS-GB20-R-BL | Right Side | Black             |                      |
|  | 170-041-453 | GS-GB20-L-BL | Left Side  |                   |                      |

# GLASS DOOR HINGE GS-GH50 For Inset Doors



- Designed for large inset glass showcases.
- Recommended for use with the GS-GL50 lock 1 for design coordination.
- Doors can be temporary held in frames before fixing screws for easy installation.
- The door position can be adjusted by  $\pm 3$  mm right and left post installation. (Horizontal adjustment screw)
- The gap below the door can be adjusted from 7 up to 12 mm post installation. (Height adjustment ring)

## [Remarks]

- Be sure to read the "Cautions" 2.
- Prioritize the door weight when determining the glass size.
- For 8 mm thick glass, use with a packing A, B, and spacer.
- For 10 mm thick glass, use with a packing A and B.
- For 12/12.7 mm thick glass, use with two packing A.
- Shatter proof films are recommended to be used on glass doors for safety.

## [Parts Included]

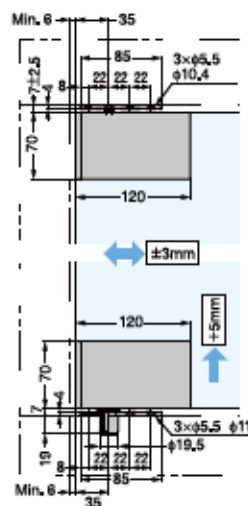
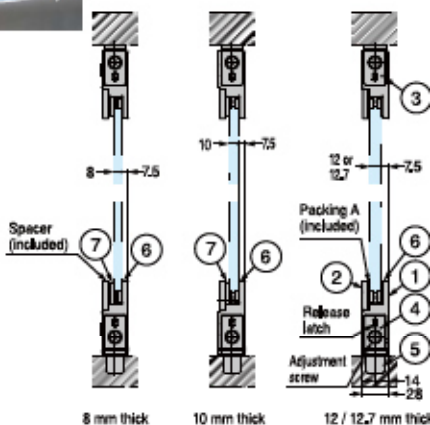
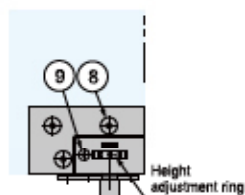
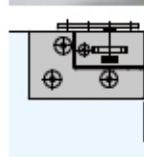
- Cross-recessed countersunk tapping screw 5x30
- Hex key 3 (for door position adjustments)
- Hex key 5 (for hinge assembly)
- Packing A
- Spacer (for 8 mm thick glass)

## #Lock Available in page 33

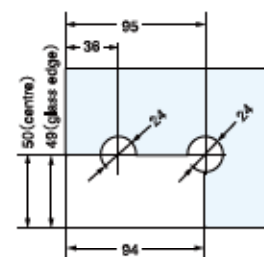


## [Door Position Adjustments]

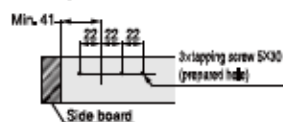
Door height can be adjusted by turning the ring with a hex key. It can also be done post installation. Lateral adjustment can be done with the screw.



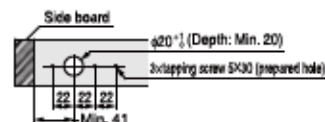
## [Cut Out Dimensions]



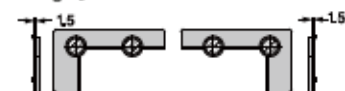
## [Mounting Position on Top Board]



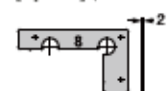
## [Processing on Bottom Board]



## [Packing A]

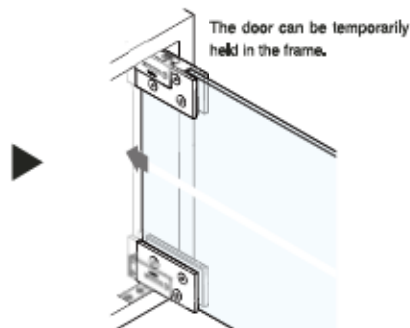
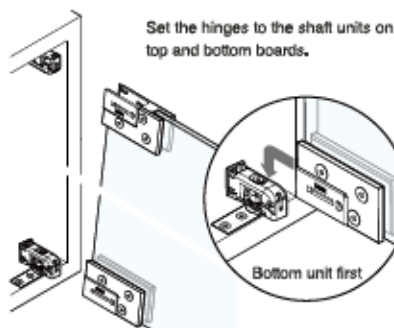


## [Spacer] (for 8 mm thick glass)



| No. | Part Name             | Material                | Finish |                   |              |
|-----|-----------------------|-------------------------|--------|-------------------|--------------|
|     |                       |                         | CR     | GP                | BL           |
| ①   | Body (front)          | Zinc Alloy (ZDC)        | Chrome | Gold Plated (24K) | Enamel Black |
| ②   | Body (back)           |                         |        |                   |              |
| ③   | Upper Shaft Unit      |                         |        |                   |              |
| ④   | Bottom Shaft Unit     |                         |        |                   |              |
| ⑤   | Bottom Mounting Plate |                         |        |                   |              |
| ⑥   | Packing A (t: 1.5)    | Chloroprene Rubber (CR) | Black  |                   |              |
| ⑦   | Packing B (t: 3.5)    |                         |        |                   |              |
| ⑧   | Hex socket bolt M8x16 | Steel                   | Chrome | Gold Plated (24K) | Enamel Black |
| ⑨   | Hex socket bolt M5x10 |                         |        |                   |              |

## Easy Installation



Fix the screws.  
Door position can be adjusted post installation.

| Ref's | CAD | Item Code   | Item Name  | Finish/Colour     | Available Glass Size |           |                 | Load Capacity/set |     | Box (set) | Carton (set) |
|-------|-----|-------------|------------|-------------------|----------------------|-----------|-----------------|-------------------|-----|-----------|--------------|
|       |     |             |            |                   | Width                | Height    | Thickness       | N                 | kgf |           |              |
| -     | ●   | 170-046-839 | GS-GH50-CR | Chrome            | Max. 900             | Max. 2500 | 8, 10, 12, 12.7 | 490               | 50  | 1         | 4            |
| -     | ●   | 170-046-840 | GS-GH50-GP | Gold Plated (24K) |                      |           |                 |                   |     | 1         | 4            |
| -     | ●   | 170-046-841 | GS-GH50-BL | Enamel Black      |                      |           |                 |                   |     | 1         | 4            |

Refer to 1: P. E5, 2: No.280 P.15

## INSET GLASS DOOR HINGE



### Recommended Screws

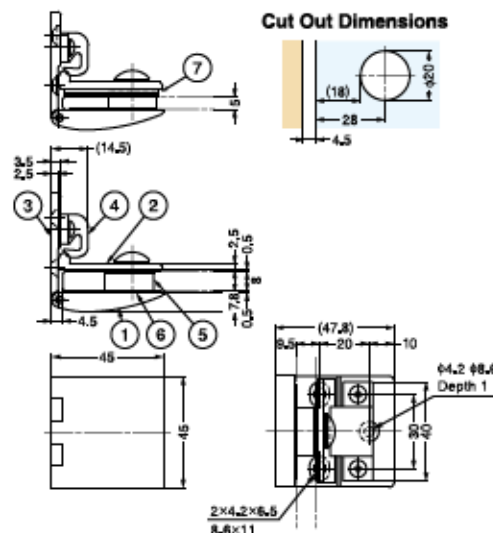
Size 4 countersunk head screw

| No. | Part Name              | Material                | Finish/Colour |        |       |
|-----|------------------------|-------------------------|---------------|--------|-------|
|     |                        |                         | SN            | CR     | GC    |
| ①   | Front Plate            | Brass                   | Satin Nickel  | Chrome | Gold  |
| ②   | Fixing Plate           | Brass                   | Satin Nickel  | Chrome | Gold  |
| ③   | Hinge Plate            | Brass                   | Satin Nickel  | Chrome | Gold  |
| ④   | Catch                  | Polyamide (PA)          | Black         | Black  | Black |
| ⑤   | Glass Adjustment Block | Polyamide (PA)          | Black         | Black  | Black |
| ⑥   | Pad                    | Chloroprene Rubber (CR) | Black         | Black  | Black |
| ⑦   | Spacer                 | Polypropylene (PP)      | Black         | Black  | Black |

| Item Code   | Item Name | Finish       | Door Width | Door Height | Glass Thickness | Door Weight      | Weight | Box    | Carton |
|-------------|-----------|--------------|------------|-------------|-----------------|------------------|--------|--------|--------|
| 170-090-699 | GH-450-SN | Satin Nickel | Max. 600   | Max. 1200   | 5, 6, 8         | Max. 15 kg/2 pcs | 207 g  | 10 pcs | 40 pcs |
| 170-090-700 | GH-450-CR | Chrome       | Max. 600   | Max. 1200   | 5, 6, 8         | Max. 15 kg/2 pcs | 207 g  | 10 pcs | 40 pcs |
| 170-090-701 | GH-450-GC | Gold         | Max. 600   | Max. 1200   | 5, 6, 8         | Max. 15 kg/2 pcs | 207 g  | 10 pcs | 40 pcs |

## Features

- Suitable for showcases.
- Mounting position adjustable: Vertically -2 mm  
Horizontally -2,5 mm
- Spacer included to accommodate different glass thickness.



**Qty of Spacers**

|                            |   |   |            |
|----------------------------|---|---|------------|
| <b>Door Thickness (mm)</b> | 5 | 6 | 8          |
| <b>Qty of Spacers</b>      | 3 | 2 | No Spacers |

### INSET GLASS DOOR HINGE (GLASS FRAME TYPE)

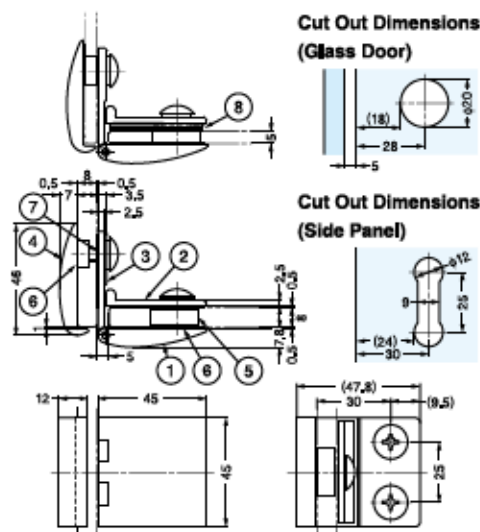


| No. | Part Name              | Material                | Finish/Colour |        |       |
|-----|------------------------|-------------------------|---------------|--------|-------|
|     |                        |                         | SN            | CR     | GC    |
| ①   | Front Plate            | Brass                   | Satin Nickel  | Chrome | Gold  |
| ②   | Fixing Plate           | Brass                   | Satin Nickel  | Chrome | Gold  |
| ③   | Hinge Plate            | Brass                   | Satin Nickel  | Chrome | Gold  |
| ④   | Side Plate             | Brass                   | Satin Nickel  | Chrome | Gold  |
| ⑤   | Glass Adjustment Block | Polyamide (PA)          | Black         | Black  | Black |
| ⑥   | Pad A                  | Chloroprene Rubber (CR) | Black         | Black  | Black |
| ⑦   | Pad B                  | Chloroprene Rubber (CR) | Black         | Black  | Black |
| ⑧   | Spacer                 | Polypropylene (PP)      | Black         | Black  | Black |

| Item Code   | Item Name  | Finish       | Door Width | Door Height | Glass Thickness | Door Weight      | Weight | Box    | Carton |
|-------------|------------|--------------|------------|-------------|-----------------|------------------|--------|--------|--------|
| 170-090-705 | GH-450G-SN | Satin Nickel | Max. 600   | Max. 1200   | 5, 6, 8         | Max. 15 kg/2 pcs | 314 g  | 10 pcs | 80 pcs |
| 170-090-706 | GH-450G-CR | Chrome       | Max. 600   | Max. 1200   | 5, 6, 8         | Max. 15 kg/2 pcs | 314 g  | 10 pcs | 80 pcs |
| 170-090-707 | GH-450G-GC | Gold         | Max. 600   | Max. 1200   | 5, 6, 8         | Max. 15 kg/2 pcs | 314 g  | 10 pcs | 80 pcs |

## Features

- Suitable for showcases.
- Mounting position adjustable: Horizontally -2.5 mm
- Spacer included to accommodate different glass thickness.

**Qty of Spacers**

|                     |   |   |            |
|---------------------|---|---|------------|
| Door Thickness (mm) | 5 | 6 | 8          |
| Qty of Spacers      | 3 | 2 | No Spacers |



## INSET GLASS DOOR HINGE

L=R

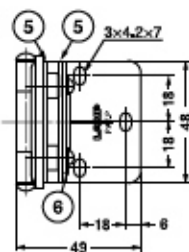
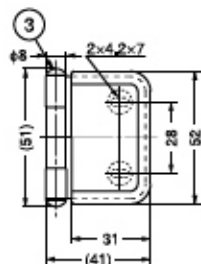
FOR 304 STEEL

XL-GH03-48-0



XL-GH03-48-0CR

XL-GH03-48-0GC



### Features

Hinge for medium size glass/acrylic doors.

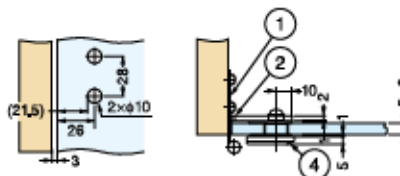
### Remarks

Recommended for use in pairs.

### Parts Included

- Washer (2 pcs.)
- Truss head screw M4x12 (2 pcs.)

### Cut Out Dimensions



| No. | Part Name   | Material                 | Finish/Colour |                    |
|-----|-------------|--------------------------|---------------|--------------------|
|     |             |                          | CR            | GC                 |
| ①   | Hinge Plate | Stainless Steel (SUS304) | Mirror        | Gold, Clear        |
| ②   | Arm         | Stainless Steel (SUS304) | Mirror        | Gold, Clear        |
| ③   | Shaft       | Stainless Steel (SUS304) | Mirror        | Plain, Gold, Clear |
| ④   | Plate       | Zinc Alloy (ZDC)         | Chrome        | Gold, Clear        |
| ⑤   | Spacer      | Polyethylene             | Natural       | Natural            |
| ⑥   | Screw       | Stainless Steel (SUS304) | Plain         | Plain, Gold, Clear |

| Item Code   | Item Name      | Door Width | Door Height | Glass Thickness | Door Weight      | Weight | Box    | Carton  |
|-------------|----------------|------------|-------------|-----------------|------------------|--------|--------|---------|
| 170-098-651 | XL-GH03-48-0CR | Max. 650   | Max. 900    | 5, 6, 8         | Max. 12 kg/2 pcs | 132 g  | 10 pcs | 100 pcs |
| 170-098-652 | XL-GH03-48-0GC | Max. 650   | Max. 900    | 5, 6, 8         | Max. 12 kg/2 pcs | 144 g  | 10 pcs | 100 pcs |

## HALF OVERLAY GLASS DOOR HINGE

L=R

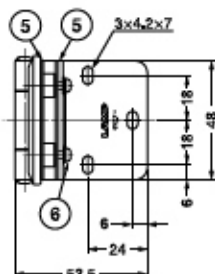
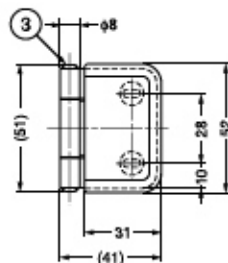
FOR 304 STEEL

XL-GH03-48-8



XL-GH03-48-8CR

XL-GH03-48-8GC



### Features

Hinge for medium size glass/acrylic doors.

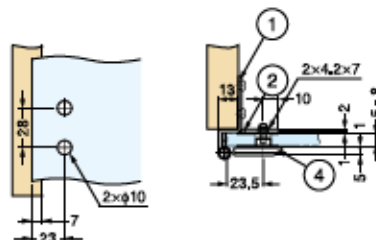
### Remarks

Recommended for use in pairs.

### Parts Included

- Washer (2 pcs.)
- Truss head screw M4x12 (2 pcs.)

### Cut Out Dimensions



| No. | Part Name   | Material                 | Finish/Colour |                    |
|-----|-------------|--------------------------|---------------|--------------------|
|     |             |                          | CR            | GC                 |
| ①   | Hinge Plate | Stainless Steel (SUS304) | Mirror        | Gold, Clear        |
| ②   | Arm         | Stainless Steel (SUS304) | Mirror        | Gold, Clear        |
| ③   | Shaft       | Stainless Steel (SUS304) | Mirror        | Plain, Gold, Clear |
| ④   | Plate       | Zinc Alloy (ZDC)         | Chrome        | Gold, Clear        |
| ⑤   | Spacer      | Polyethylene             | Natural       | Natural            |
| ⑥   | Screw       | Stainless Steel (SUS304) | Plain         | Plain, Gold, Clear |

| Item Code   | Item Name      | Door Width | Door Height | Glass Thickness | Door Weight      | Weight | Box    | Carton  |
|-------------|----------------|------------|-------------|-----------------|------------------|--------|--------|---------|
| 170-098-649 | XL-GH03-48-8CR | Max. 650   | Max. 900    | 5, 6, 8         | Max. 12 kg/2 pcs | 141 g  | 10 pcs | 100 pcs |
| 170-098-650 | XL-GH03-48-8GC | Max. 650   | Max. 900    | 5, 6, 8         | Max. 12 kg/2 pcs | 148 g  | 10 pcs | 100 pcs |

## INSET GLASS DOOR LIFT-OFF HINGE

## GH36-NCR

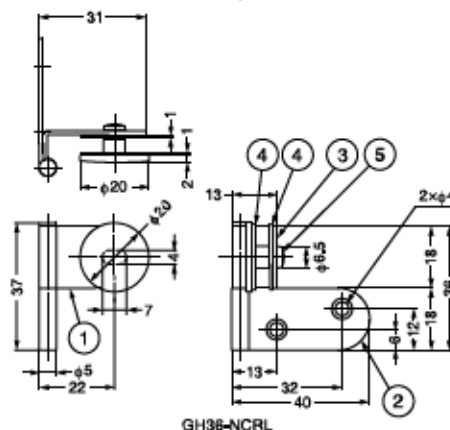


### Features

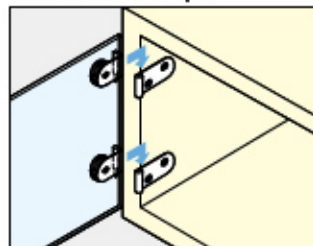
Hinge for glass/acrylic doors.

### Remarks

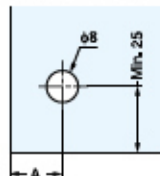
Recommended for use in pairs.



### Installation Example



### Cut Out Dimensions



| Glass Thickness | A  |
|-----------------|----|
| 4               | 19 |
| 5               | 18 |
| 6               | 17 |

| Item Code   | Item Name | Type  | Door Width | Door Height | Glass Thickness | Door Weight     | Weight | Box     | Carton  |
|-------------|-----------|-------|------------|-------------|-----------------|-----------------|--------|---------|---------|
| 170-097-958 | GH36-NCRR | Right | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 26 g   | 100 pcs | 400 pcs |
| 170-097-957 | GH36-NCRL | Left  | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 26 g   | 100 pcs | 400 pcs |

## HALF OVERLAY GLASS DOOR HINGE (W/ CATCH)

L=R

## GHC34-8



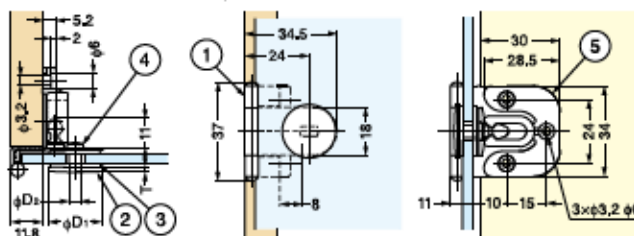
### Features

Hinge for glass/acrylic doors.

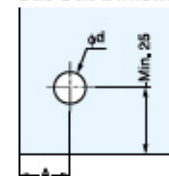
Holds door in closed position without secondary support.

### Remarks

Recommended for use in pairs.



### Cut Out Dimensions



| Glass Thickness | A  | Overlay |
|-----------------|----|---------|
| 4               | 19 | 7       |
| 5               | 18 | 6       |
| 6               | 17 | 5       |

| No. | Part Name | Material                       |                          | Finish/Colour       |
|-----|-----------|--------------------------------|--------------------------|---------------------|
| ①   | Body      | GHC34-8G                       | Steel                    | Gold, Clear         |
| ①   | Body      | GHC34-8B                       | Stainless Steel (SUS304) | Black               |
| ①   | Body      | GHC34-8CR                      |                          | Steel               |
| ②   | Plate     | GHC34-8G                       | Brass                    | Polished, Clear     |
| ②   | Plate     | GHC34-8B                       | Aluminium Alloy          | Black Anodized      |
| ②   | Plate     | GHC34-8CR                      | Brass                    | Chrome              |
| ③   | Washer    | Polyvinyl Chloride Resin (PVC) |                          | Clear               |
| ④   | Screw     | GHC34-8CR, GHC34-8B/Steel      |                          | Nickel              |
| ④   | Screw     | GHC34-G/Brass                  |                          | Plain               |
| ⑤   | Catch     | Polyacetal (POM)               |                          | Black               |
| ⑤   | Catch     | Polyacetal (POM)               |                          | White (GHC34-8CR-W) |

| Item Code   | Item Name   | D <sub>1</sub> | D <sub>2</sub> | d  | T | Door Width | Door Height | Glass Thickness | Door Weight     | Weight | Box    | Carton  |
|-------------|-------------|----------------|----------------|----|---|------------|-------------|-----------------|-----------------|--------|--------|---------|
| 170-083-524 | GHC34-8G    | 20             | 6.5            | 8  | 2 | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 36 g   | 40 pcs | 600 pcs |
| 170-083-508 | GHC34-8B    | 21             | 8              | 10 | 3 | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 32 g   | 40 pcs | 600 pcs |
| 170-083-523 | GHC34-8CR   | 20             | 6.5            | 8  | 2 | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 36 g   | 40 pcs | 600 pcs |
| 170-083-516 | GHC34-8CR-W | 20             | 6.5            | 8  | 2 | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 36 g   | 40 pcs | 600 pcs |

## INSET GLASS DOOR HINGE

L=R **304** STEEL

GH34-0SS

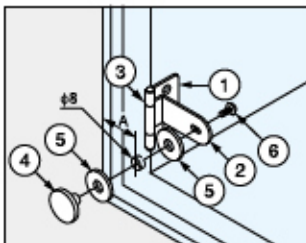


### Features

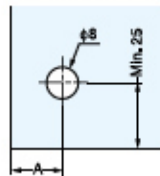
Hinge for glass/acrylic doors.

### Remarks

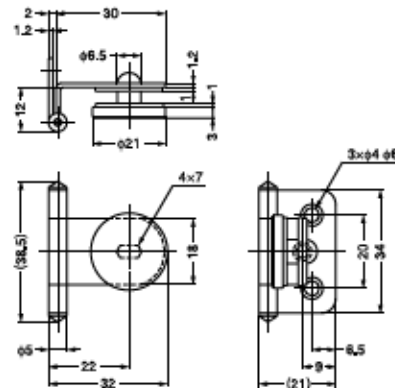
Recommended for use in pairs.



### Cut Out Dimensions



| Glass Thickness | A  |
|-----------------|----|
| 4               | 19 |
| 5               | 18 |
| 6               | 17 |



| No. | Part Name | Material                       | Finish/Colour |
|-----|-----------|--------------------------------|---------------|
| ①   | Body      | Stainless Steel (SUS304)       | Plain         |
| ②   | Arm       | Stainless Steel (SUS304)       | Plain         |
| ③   | Shaft     | Stainless Steel                | Plain         |
| ④   | Plate     | Aluminium Alloy                | Anodized      |
| ⑤   | Washer    | Polyvinyl Chloride Resin (PVC) | Clear         |
| ⑥   | Screw     | Stainless Steel                | Plain         |

| Item Code   | Item Name | Door Width | Door Height | Glass Thickness | Door Weight     | Weight | Box     | Carton  |
|-------------|-----------|------------|-------------|-----------------|-----------------|--------|---------|---------|
| 170-083-529 | GH34-0SS  | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 20 g   | 150 pcs | 900 pcs |

## HALF OVERLAY GLASS DOOR HINGE

L=R **304** STEEL

GH34-8SS

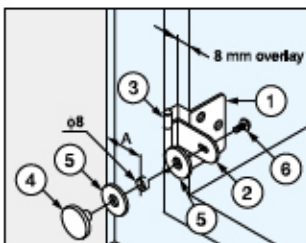


### Features

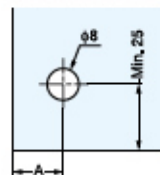
Hinge for glass/acrylic doors.

### Remarks

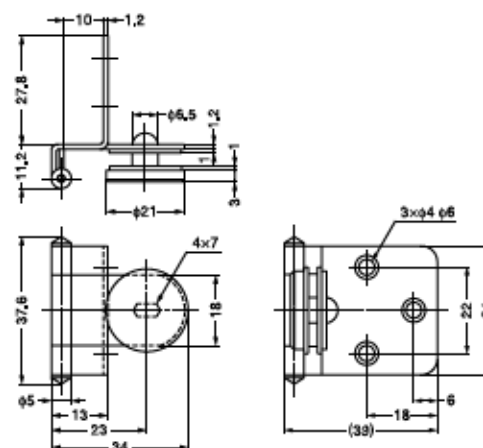
Recommended for use in pairs.



### Cut Out Dimensions



| Glass Thickness | A  | Overlay |
|-----------------|----|---------|
| 4               | 19 | 8       |
| 5               | 18 | 7       |
| 6               | 17 | 6       |



| No. | Part Name | Material                       | Finish/Colour |
|-----|-----------|--------------------------------|---------------|
| ①   | Body      | Stainless Steel (SUS304)       | Plain         |
| ②   | Arm       | Stainless Steel (SUS304)       | Plain         |
| ③   | Shaft     | Stainless Steel                | Plain         |
| ④   | Plate     | Aluminium Alloy                | Anodized      |
| ⑤   | Washer    | Polyvinyl Chloride Resin (PVC) | Clear         |
| ⑥   | Screw     | Stainless Steel                | Plain         |

| Item Code   | Item Name | Door Width | Door Height | Glass Thickness | Door Weight     | Weight | Box     | Carton  |
|-------------|-----------|------------|-------------|-----------------|-----------------|--------|---------|---------|
| 170-083-530 | GH34-8SS  | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 26 g   | 100 pcs | 600 pcs |

## INSET GLASS DOOR HINGE

**L=R** GH34-0

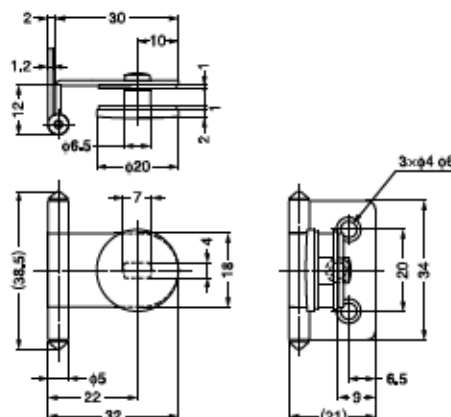


### Features

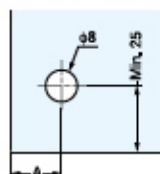
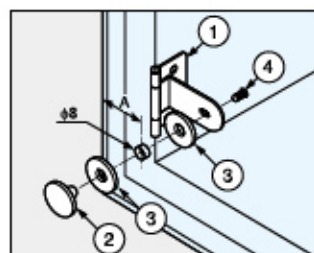
Hinge for glass/acrylic doors.

### Remarks

Recommended for use in pairs.



### Cut Out Dimensions



| Glass Thickness | A  |
|-----------------|----|
| 4               | 19 |
| 5               | 18 |
| 6               | 17 |

| No. | Part Name | Material                       | Finish/Colour       |
|-----|-----------|--------------------------------|---------------------|
| ①   | Body      | Steel                          | Chrome, Paint/Black |
| ②   | Plate     | Brass                          | Chrome, Paint/Black |
| ③   | Washer    | Polyvinyl Chloride Resin (PVC) | Clear               |
| ④   | Screw     | Steel                          | Nickel, Paint/Black |

| Item Code   | Item Name | Finish      | Door Width | Door Height | Glass Thickness | Door Weight     | Weight | Box     | Carton  |
|-------------|-----------|-------------|------------|-------------|-----------------|-----------------|--------|---------|---------|
| 170-083-513 | GH34-0CR  | Chrome      | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 25 g   | 150 pcs | 900 pcs |
| 170-025-831 | GH34-0BL  | Paint/Black | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 25 g   | 150 pcs | 900 pcs |

## HALF OVERLAY GLASS DOOR HINGE

**L=R** GH34-8

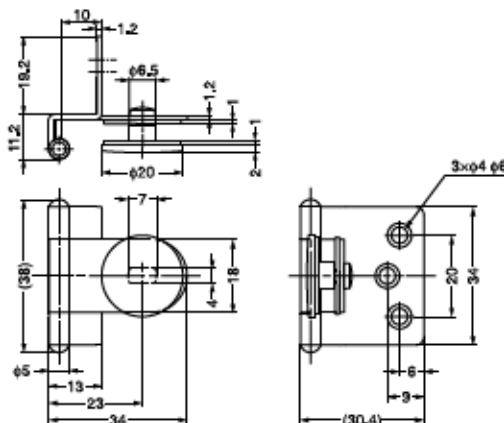


### Features

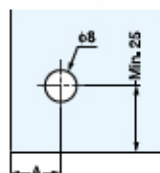
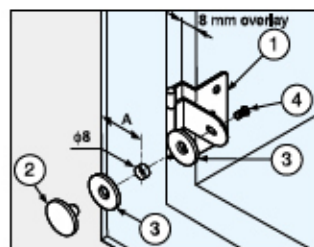
Hinge for glass/acrylic doors.

### Remarks

Recommended for use in pairs.



### Cut Out Dimensions



| Glass Thickness | A  | Overlay |
|-----------------|----|---------|
| 4               | 19 | 8       |
| 5               | 18 | 7       |
| 6               | 17 | 6       |

| No. | Part Name | Material                       | Finish/Colour       |
|-----|-----------|--------------------------------|---------------------|
| ①   | Body      | Steel                          | Chrome, Paint/Black |
| ②   | Plate     | Brass                          | Chrome, Paint/Black |
| ③   | Washer    | Polyvinyl Chloride Resin (PVC) | Clear               |
| ④   | Screw     | Steel                          | Nickel, Paint/Black |

| Item Code   | Item Name | Finish      | Door Width | Door Height | Glass Thickness | Door Weight     | Weight | Box    | Carton  |
|-------------|-----------|-------------|------------|-------------|-----------------|-----------------|--------|--------|---------|
| 170-083-528 | GH34-8CR  | Chrome      | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 30 g   | 50 pcs | 500 pcs |
| 170-025-832 | GH34-8BL  | Paint/Black | Max. 450   | Max. 700    | 4, 5, 6         | Max. 4 kg/2 pcs | 30 g   | 50 pcs | 500 pcs |

## GLASS DOOR HINGE



**XL-GH01-600**



### Features

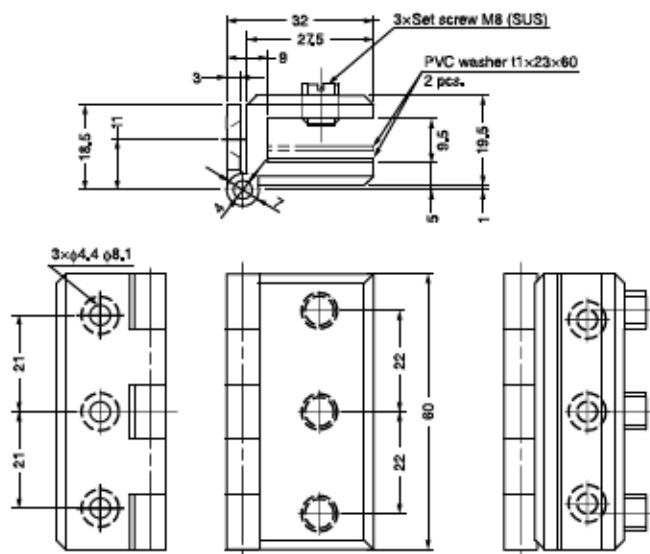
Pre-drilling on glass/acrylic not required.

### Remarks

Use 2 washers for 4 mm door thickness.

### Parts Included

Countersunk head wood screw 3.5x20



| Item Code   | Item Name   | Material                | Finish | Door Width | Door Height | Glass Thickness | Door Weight      | Weight | Box    | Carton |
|-------------|-------------|-------------------------|--------|------------|-------------|-----------------|------------------|--------|--------|--------|
| 170-080-501 | XL-GH01-600 | Stainless Steel (SCS13) | Mirror | Max. 450   | Max. 1300   | 4, 5, 6, 8      | Max. 11 kg/2 pcs | 188 g  | 10 pcs | 50 pcs |

\*SCS13 is equivalent of SUS304.

## GLASS DOOR HINGE



**XL-GH01-250**



### Features

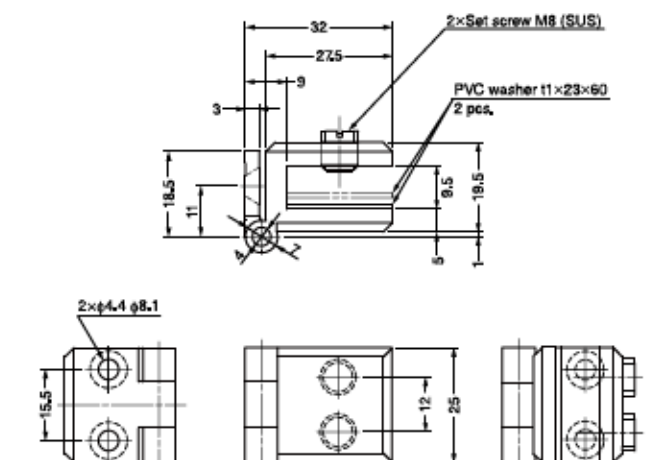
Pre-drilling on glass/acrylic not required.

### Remarks

Use 2 washers for 4 mm door thickness.

### Parts Included

Countersunk head wood screw 3.5x20



| Item Code   | Item Name   | Material                | Finish | Door Width | Door Height | Glass Thickness | Door Weight       | Weight | Box    | Carton  |
|-------------|-------------|-------------------------|--------|------------|-------------|-----------------|-------------------|--------|--------|---------|
| 170-080-500 | XL-GH01-250 | Stainless Steel (SCS13) | Mirror | Max. 400   | Max. 600    | 4, 5, 6, 8      | Max. 4.8 kg/2 pcs | 60 g   | 10 pcs | 100 pcs |

\*SCS13 is equivalent of SUS304.

## INSET GLASS DOOR PIVOT HINGE

L=R

GP-40

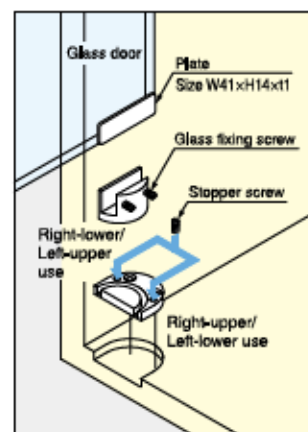
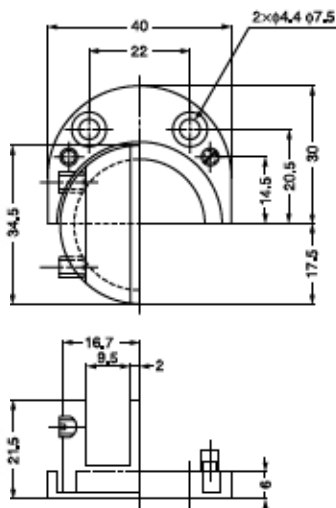


### Features

Pre-drilling on glass/acrylic not required.

### Remarks

Recommended for use in pairs.

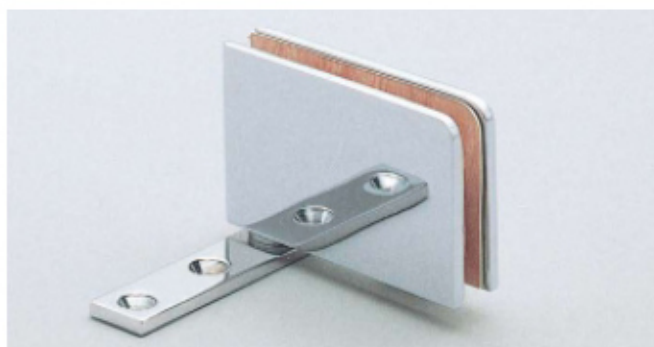


| Item Code   | Item Name | Material | Finish       | Door Width | Door Height | Glass Thickness | Door Weight     | Weight | Box    | Carton  |
|-------------|-----------|----------|--------------|------------|-------------|-----------------|-----------------|--------|--------|---------|
| 170-083-506 | GP-40     | Brass    | Satin Nickel | Max. 450   | Max. 700    | 3, 4, 5, 6, 8   | Max. 4 kg/2 pcs | 76 g   | 35 pcs | 350 pcs |

## INSET GLASS DOOR PIVOT HINGE

L=R

GH-PSL40



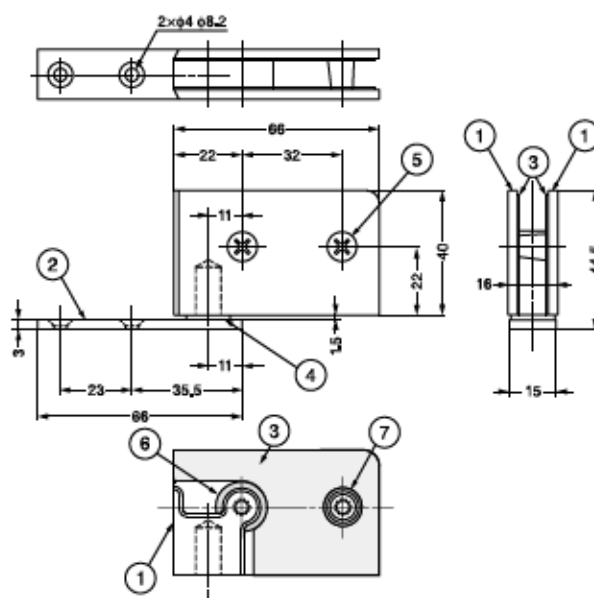
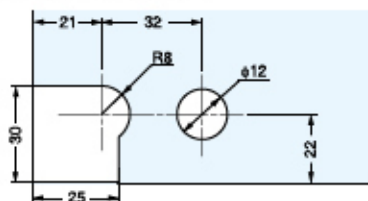
### Features

Rotates 360°.

### Remarks

Sold in pairs.

### Cut Out Dimensions

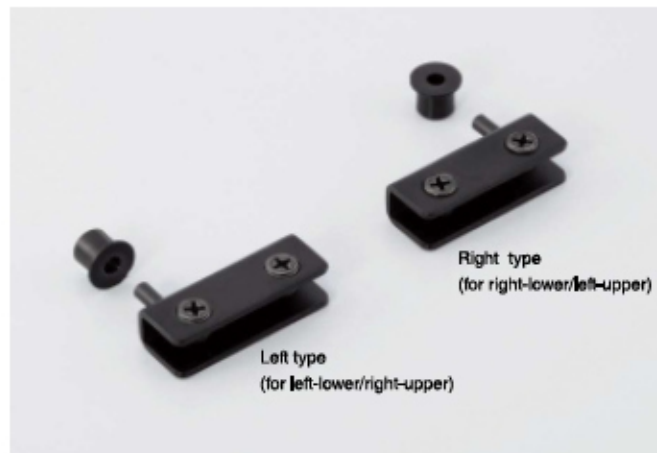


| No. | Part Name | Material                       | Finish/Colour |
|-----|-----------|--------------------------------|---------------|
| ①   | Body      | Brass                          | Chrome        |
| ②   | Plate     | Brass                          | Chrome        |
| ③   | Spacer    | Polyvinyl Chloride Resin (PVC) | Clear         |
| ④   | Washer    | Polyamide (PA)                 | White         |
| ⑤   | Screw     | Brass                          | Chrome        |
| ⑥   | Gasket    | Polyvinyl Chloride Resin (PVC) | Clear         |
| ⑦   | Gasket    | Polyvinyl Chloride Resin (PVC) | Clear         |

| Item Code   | Item Name | Door Width | Door Height | Glass Thickness | Door Weight    | Weight | Box    | Carton |
|-------------|-----------|------------|-------------|-----------------|----------------|--------|--------|--------|
| 170-080-038 | GH-PSL40  | Max. 650   | Max. 2000   | 8               | Max. 20 kg/set | 400 g  | 5 sets | 40 set |

## INSET GLASS DOOR PIVOT HINGE

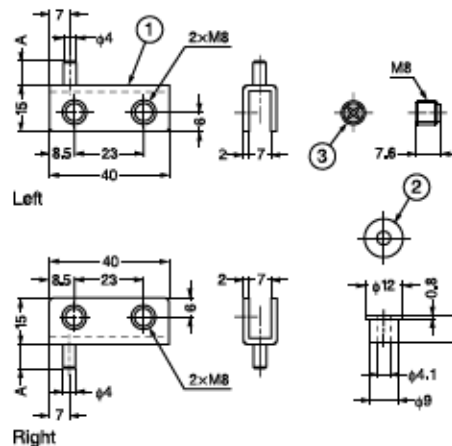
GPH



GPH-41HR/HL-G shown.

### Remarks

- Please use in pairs. Can not be used separately.  
Left: For left-lower/right-upper  
Right: For right-lower/left-upper
- GPH-40R-G and GPH-40L-G should be used with the socket PHB4 (below).



| No. | Part Name | Material           | Finish/Colour |
|-----|-----------|--------------------|---------------|
| ①   | Hinge     | Steel              | Paint/Black   |
| ②   | Support   | Polypropylene (PP) | Black         |
| ③   | Screw     | Steel              | Black         |

| Item Code   | Item Name  | Type  | A | Door Width | Door Height | Glass Thickness | Door Weight    | Weight | Box     | Carton   |
|-------------|------------|-------|---|------------|-------------|-----------------|----------------|--------|---------|----------|
| 170-080-032 | GPH-40R-G  | Right | 4 | Max. 450   | Max. 700    | 4, 5            | Max. 4 kg/pair | 25 g   | 100 pcs | 600 pcs  |
| 170-080-033 | GPH-40L-G  | Left  | 4 | Max. 450   | Max. 700    | 4, 5            |                | 25 g   | 100 pcs | 600 pcs  |
| 170-080-030 | GPH-41HR-G | Right | 9 | Max. 450   | Max. 700    | 4, 5            | Max. 4 kg/pair | 25.5 g | 100 pcs | 1800 pcs |
| 170-080-031 | GPH-41HL-G | Left  | 9 | Max. 450   | Max. 700    | 4, 5            |                | 25.5 g | 100 pcs | 1800 pcs |

## SOCKET FOR GPH40 PIVOT HINGE

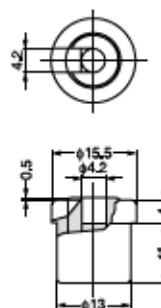
L=R

PHB4

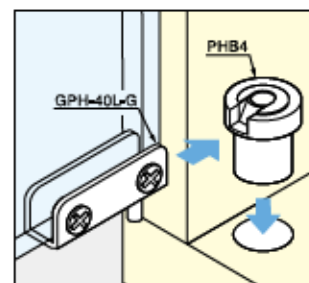


### Features

- Bottom socket for GPH-40 glass door hinge.
- Use GPH-41 hinge on upper side.

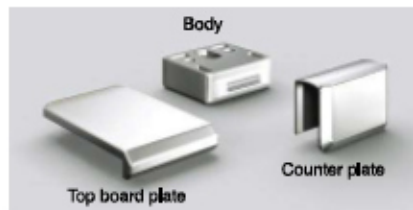


### Installation



| Item Code   | Item Name | Material       | Colour | Weight | Carton  |
|-------------|-----------|----------------|--------|--------|---------|
| 170-083-509 | PHB4      | Polyamide (PA) | Black  | 5 g    | 400 pcs |

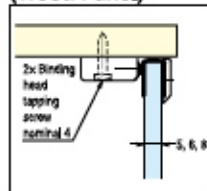
## MAGNETIC CATCH



### Application Example

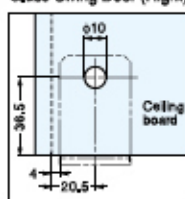


### Application (Wood Panel)

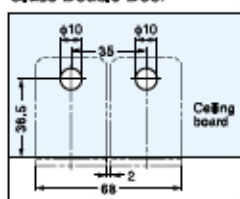


### Cut Out Dimensions

#### Glass Swing Door (Right)



#### Glass Double Door



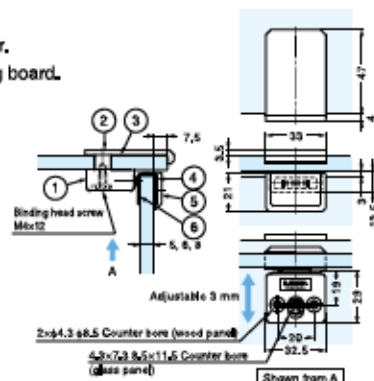
| Item Code   | Item Name  | Glass Thickness | Magnetic Force |         | Weight | Box  | Carton |
|-------------|------------|-----------------|----------------|---------|--------|------|--------|
| 140-017-556 | XL-GC09-CR | 5, 6, 8         | 14.7 N         | 1.5 kgf | 110 g  | 1 pc | 24 pcs |

### Features

- Magnetic catch for cabinet door.
- Both for glass and wood ceiling board.
- Total cabinet design available with XL-GC01 (P.337), XL-GC02 (P.337) and XL-GC01-CR (P.337)
- Recommended to use with XL-G01-CR, XL-GC02, handles or knobs.

### Screw Included

Binding head screw M4x12



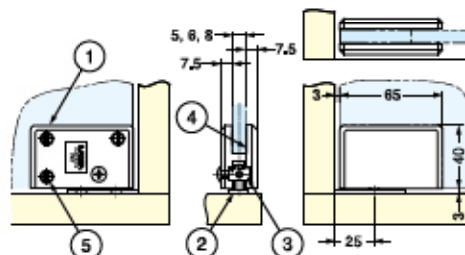
| No. | Part Name       | Material         | Finish/Colour |
|-----|-----------------|------------------|---------------|
| ①   | Body            | Zinc Alloy (ZDC) | Chrome        |
| ②   | Top Board Plate | Zinc Alloy (ZDC) | Chrome        |
| ③   | Spacer          | Rubber           | Black         |
| ④   | Strike          | Steel            | Chrome        |
| ⑤   | Counter Plate   | Zinc Alloy (ZDC) | Chrome        |
| ⑥   | Gasket          | Foam Rubber      | Black         |

## GLASS PIVOT HINGE (INSET)

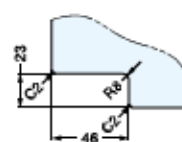


### Features

- Inset-type hinge for glass cabinet.
- 1 pair (top / bottom) per set.



### Cut Out Dimensions



| No. | Part Name    | Material                       | Finish/Colour |
|-----|--------------|--------------------------------|---------------|
| ①   | Body         | Zinc Alloy (ZDC)               | Chrome        |
| ②   | Bottom Plate | Steel                          | Chrome        |
| ③   | Plate        | Stainless Steel (SUS304)       | Plain         |
| ④   | Spacer       | Polyvinyl Chloride Resin (PVC) | Clear         |
| ⑤   | Screw        | Stainless Steel (SUS304)       | Plain         |

| Item Code   | Item Name  | Door Width | Door Height | Glass Thickness | Door Weight    | Weight | Carton |
|-------------|------------|------------|-------------|-----------------|----------------|--------|--------|
| 170-080-009 | XL-GC04-CR | Max. 500   | Max. 1200   | 5, 6, 8         | Max. 12 kg/set | 580 g  | 24 pcs |

## 3-WAY ADJUSTABLE CONCEALED HINGE



HES3D-90

**HES**  
Hinge + Esprit



### Features

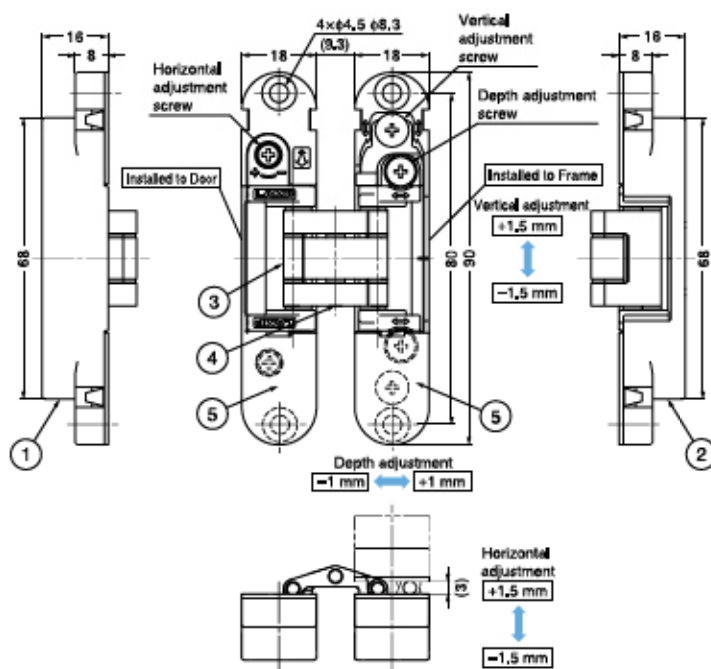
- Thin profile allows for shallow mortise and makes installation easier
- Jig (sold separately) makes installation easy
- Vertical, horizontal and depth adjustment possible post-installation (3way)
- Can be split into two parts (one for the frame and one for the flap) making installation easy
- Custom colors available on request. Please contact us for details.

### Parts Included

Countersunk head screw 4x20 (4 pcs./hinge)

Hexagonal spanner x2

| No. | Part Name  | Material         | Finish       |              |       |
|-----|------------|------------------|--------------|--------------|-------|
|     |            |                  | DC           | DN           | BL    |
| ①   | Body       | Zinc Alloy (ZDC) | Satin Chrome | Satin Nickel | Black |
| ②   | Base Frame | Zinc Alloy (ZDC) | Satin Chrome | Satin Nickel | Black |
| ③   | Arm        | Zinc Alloy (ZDC) | Satin Chrome | Satin Nickel | Black |
| ④   | Shaft      | Stainless Steel  | —            | —            | —     |
| ⑤   | Cover      | ABS              | Satin Chrome | Satin Nickel | Black |



| Item Code   | Item Name  | Colour         | Glass Door Width | Glass Door Height | Glass Door Thickness | Glass Door Weight |                  | Opening Angle | Weight | Box   | Carton |
|-------------|------------|----------------|------------------|-------------------|----------------------|-------------------|------------------|---------------|--------|-------|--------|
| 170-029-221 | HES3D-90DC | Silver         | Max. 600         | Max. 1500         | 5 - 6 mm             | Max. 12 kg/2 pcs  | Max. 16 kg/3 pcs | 180°          | 198 g  | 2 pcs | 48 pcs |
| 170-029-222 | HES3D-90DN | Champagne Gold | Max. 600         | Max. 1500         | 5 - 6 mm             | Max. 12 kg/2 pcs  | Max. 16 kg/3 pcs | 180°          | 198 g  | 2 pcs | 48 pcs |
| 170-033-588 | HES3D-90BL | Black          | Max. 600         | Max. 1500         | 5 - 6 mm             | Max. 12 kg/2 pcs  | Max. 16 kg/3 pcs | 180°          | 198 g  | 2 pcs | 48 pcs |

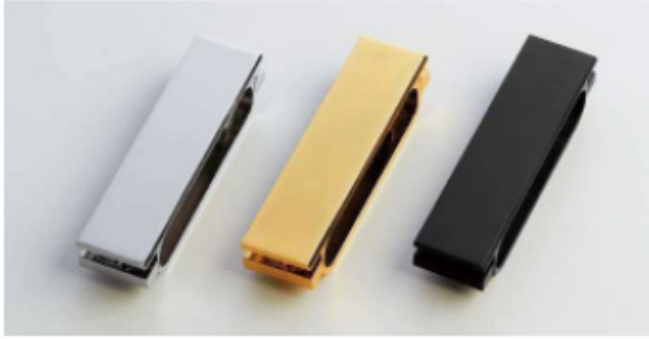
# GLASS DOOR BRACKET

L=R

INSTRUCTION

STEEL

HES3D-G90BKT



## Features

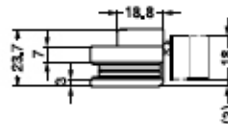
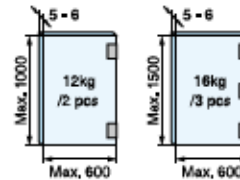
- Glass door bracket for HES3D-90 series (P.470).
- Screw covers match the bracket with the finish.

## Parts Included

- Hexagon socket countersunk head screw M5 x 12
- Countersunk head screw M4 x 12
- Screw covers
- Hex key size 3

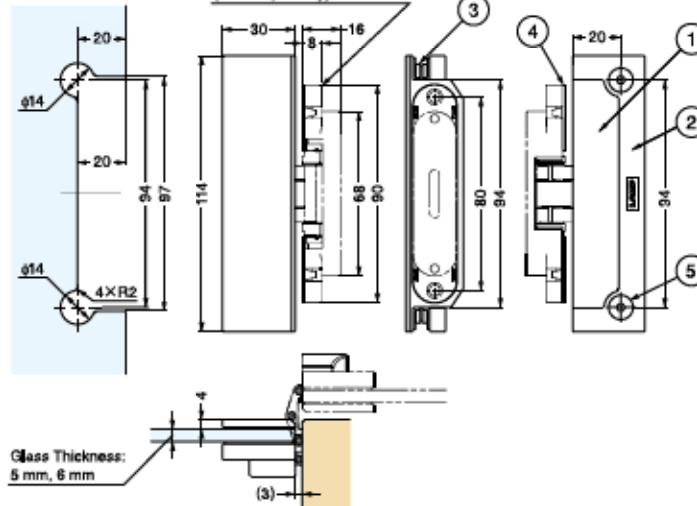


## Door Dimensions and Number of Hinges



## Cut Out Dimensions

Concealed Hinge HES3D-80 (Sold Separately)



| No. | Part Name                                     | Material                | Finish |                  |                     |
|-----|-----------------------------------------------|-------------------------|--------|------------------|---------------------|
|     |                                               |                         | CR     | GP               | BL                  |
| ①   | Body                                          | Zinc Alloy (ZDC)        | Chrome | 24K Gold plating | Black Enamel Finish |
| ②   | Back Plate                                    |                         |        |                  |                     |
| ③   | Gasket                                        | Chloroprene Rubber (CR) | —      | —                | —                   |
| ④   | Screw Cover                                   | ABS                     | Chrome | 24K Gold plating | Black               |
| ⑤   | Hexagon Socket Countersunk Head Screw M5 x 12 | Steel                   |        |                  | Black Enamel Finish |

| CAD | Item Code   | Item Name       | Colour | Weight (g) | Box (pcs) | Carton (pcs) |
|-----|-------------|-----------------|--------|------------|-----------|--------------|
| HE  | 170-035-802 | HES3D-G90BKT-CR | Silver | 245        | 2         | 24           |
| GP  | 170-035-803 | HES3D-G90BKT-GP | Gold   | 245        | 2         | 24           |
| BL  | 170-035-804 | HES3D-G90BKT-BL | Black  | 245        | 2         | 24           |

## 3-WAY ADJUSTABLE CONCEALED HINGE



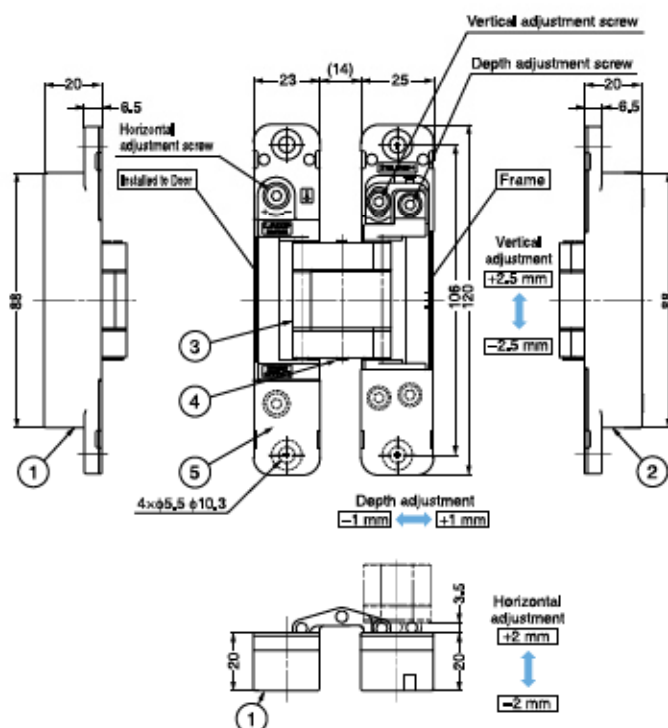
HES3D-120



### Features

- Thin profile (21mm) allows for shallow mortise.
- Jig (sold separately) makes installation easy.
- Vertical, horizontal and depth adjustment possible post-installation (3way).
- Passed a 300,000 open/close cycle test in private testing.
- Can be split into two parts (one for the frame and one for the flap) making installation easy
- Temporary holding feature: can temporarily be hung and hold position without being affixed with screws. This makes installation much easier.
- Custom colors available on request. Please contact us for details.

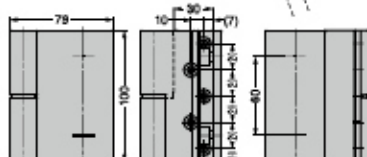
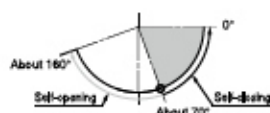
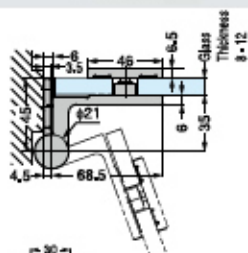
| No. | Part Name       | Material         | Finish/Colour |              |       |
|-----|-----------------|------------------|---------------|--------------|-------|
|     |                 |                  | DC            | DN           | BL    |
| ①   | Body            | Zinc Alloy (ZDC) | Satin Chrome  | Satin Nickel | Black |
| ②   | Base Frame      | Zinc Alloy (ZDC) | Satin Chrome  | Satin Nickel | Black |
| ③   | Arm             | Zinc Alloy (ZDC) | Satin Chrome  | Satin Nickel | Black |
| ④   | Shaft           | Stainless Steel  | —             | —            | —     |
| ⑤   | Cover (2 pairs) | ABS              | Satin Chrome  | Satin Nickel | Black |



| Item Code   | Item Name   | Colour         | Glass Door Width | Glass Door Height | Glass Door Thickness | Glass Door Weight |                  | Opening Angle | Weight | Box   | Carton |
|-------------|-------------|----------------|------------------|-------------------|----------------------|-------------------|------------------|---------------|--------|-------|--------|
| 170-022-086 | HES3D-120DC | Silver         | 750mm            | 2000 mm           | 6 - 8 mm             | Max. 30 kg/2 pcs  | Max. 40 kg/3 pcs | 180°          | 401 g  | 2 pcs | 24 pcs |
| 170-022-087 | HES3D-120DN | Champagne Gold | 750mm            | 2000 mm           | 6 - 8 mm             | Max. 30 kg/2 pcs  | Max. 40 kg/3 pcs | 180°          | 401 g  | 2 pcs | 24 pcs |
| 170-022-088 | HES3D-120BL | Black          | 750mm            | 2000 mm           | 6 - 8 mm             | Max. 30 kg/2 pcs  | Max. 40 kg/3 pcs | 180°          | 401 g  | 2 pcs | 24 pcs |



# STAINLESS STEEL GRAVITY HINGE FOR GLASS DOOR SUS TEMPERED GLASS GH-G02



Left-hand opening shown. The right-handed opening is symmetrical.

## Features

- Can even be used for areas such as shower booths where water is used.
- The door closes automatically between 0° and about 70°.
- It opens automatically between about 70° and 160°. The door can be held open by placing a door stopper in this area.
- A maximum of about 3 mm rise occurs when open 70°.
- Use a glass edge protector suitable for the installation area (sold separately).
- To unify the finish of the screws, use our polished screws (sold separately, size M5 x 15 countersunk hex socket bolts, size M5 x 50 cross-recessed tapping screws) instead of the provided screws.

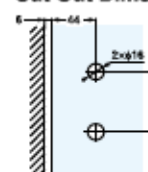
## Remarks

- Read all remarks on handling thoroughly before use.
- Prioritize the load capacity when determining the glass size.
- The hinge does not hold the door in a fully closed or fully open position. To hold the door in place, install the 8851 Door Edge Seal with Magnet and 8880 Aluminium Profile for when fully closed, and a separately prepared door stopper when fully open.
- Contact your Sugatsune sales representative if the door is over 2000 mm high.

## Parts Included

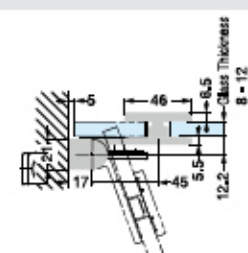
Size M5 x 14 cross-recessed flat head screws

## Cut Out Dimensions

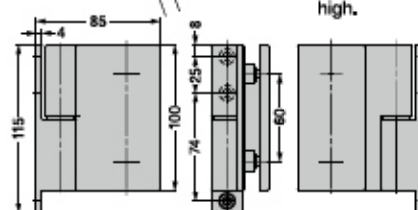
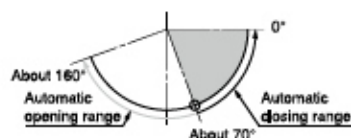


| CAD | Item Code   | Item Name | Type       | Material                | Finish | Door Width (mm) | Door Height (mm) | Glass Thickness (mm) | Load Capacity N/2 pcs | Load Capacity kg/2 pcs | Opening Angle |
|-----|-------------|-----------|------------|-------------------------|--------|-----------------|------------------|----------------------|-----------------------|------------------------|---------------|
| -   | 170-037-581 | GH-G02-R  | Right Side | Stainless Steel (SCS13) | Mirror | Max, 800        | Max, 2000        | 8 - 12               | 441                   | 45                     | 160°          |
| -   | 170-037-582 | GH-G02-L  | Left Side  |                         |        |                 |                  |                      |                       |                        |               |

# STAINLESS STEEL GRAVITY HINGE FOR GLASS DOOR SUS TEMPERED GLASS GH-G07



**Parts Included**  
Size M5 x 14 cross-recessed flat head screws



Left-hand opening shown. The right-handed opening is symmetrical.

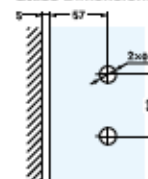
## Features

- Can even be used for areas such as shower booths where water is used.
- The door closes automatically between 0° and about 70°.
- It opens automatically between about 70° and 160°. The door can be held open by placing a door stopper in this area.
- A maximum of about 3 mm rise occurs when open 70°.
- Use a glass edge protector suitable for the installation area (sold separately).
- To unify the finish of the screws, use our polished screws (sold separately, size M5 x 15 countersunk hex socket bolts, size M5 x 50 cross-recessed tapping screws) instead of the provided screws.

## Remarks

- Read all remarks on handling thoroughly before use.
- Prioritize the load capacity when determining the glass size.
- The hinge does not hold the door in a fully closed or fully open position. To hold the door in place, install the 8851 Door Edge Seal with Magnet and 8880 Aluminium Profile for when fully closed, and a separately prepared door stopper when fully open.
- Contact your Sugatsune sales representative if the door is over 2000 mm high.

## Glass Dimensions



| CAD | Item Code   | Item Name | Type       | Material                | Finish | Door Width (mm) | Door Height (mm) | Glass Thickness (mm) | Load Capacity N/2 pcs | Load Capacity kg/2 pcs | Opening Angle |
|-----|-------------|-----------|------------|-------------------------|--------|-----------------|------------------|----------------------|-----------------------|------------------------|---------------|
| -   | 170-037-583 | GH-G07-R  | Right Side | Stainless Steel (SCS13) | Mirror | Max, 800        | Max, 2000        | 8 - 12               | 441                   | 45                     | 160°          |
| -   | 170-037-584 | GH-G07-L  | Left Side  |                         |        |                 |                  |                      |                       |                        |               |



## GLASS DOOR CAM LOCK (MILLION LOCK SERIES)

Under Development

INSTRUCTION

## GS-GL20



\* Design can be changed due to developing product.

| Application | Door Material | Key Changes            | Master Key                                  | Key                        | Key Series          |
|-------------|---------------|------------------------|---------------------------------------------|----------------------------|---------------------|
| Swing door  | Glass         | Max. 1 million changes | Max. 2520 changes/master key, Made to order | Unremovable when to unlock | Million Lock Series |

### Features

- Cylinder lock for glass swing door.
- Can be used together with glass hinge GS-GH20 and bracket GS-GB20 for a total design of your showcase.
- Dimple key with up to 1 million key changes, Reversible key.

### Application

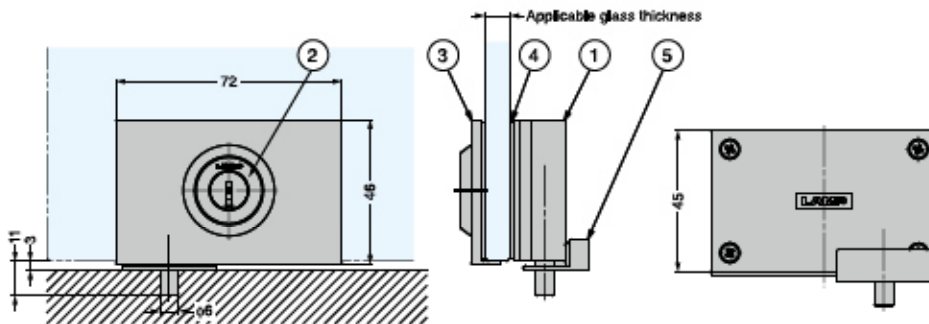
Glass showcases for shops, museums, schools, etc.

### Remarks

- Please be careful handling black color since scratches can be made easily.
- File on glass door is recommended for safe usage.

### Parts supplied with set

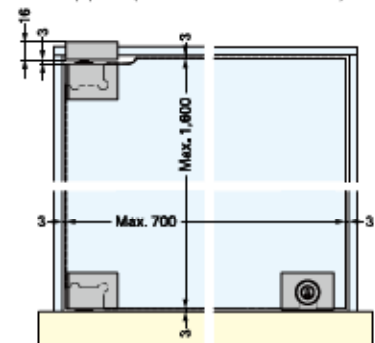
- Screw for strike plate
- Key
- Strike plate
- Spacer



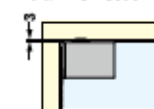
### Installation Drawing

Installed with glass hinge GS-GH20 and Glass bracket GS-GB20

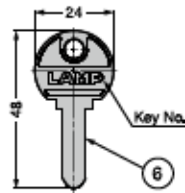
Glass top panel (Used with Bracket GS-GB20)



Install into wooden top panel



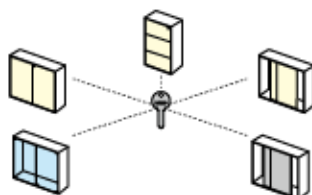
| No. | Part Name    | Material         | Finish/Colour |            |       |
|-----|--------------|------------------|---------------|------------|-------|
|     |              |                  | CR            | GP         | BK    |
| ①   | Lock         | Zinc Alloy (ZDC) | Chrome        | Gold (24K) | Black |
| ②   | Cylinder     | Brass            | Chrome        | Gold (24K) | Black |
| ③   | Front Plate  | Zinc Alloy (ZDC) | Chrome        | Gold (24K) | Black |
| ④   | Spacer       | ABS              | Black         | Black      | Black |
| ⑤   | Strike Plate | Zinc Alloy (ZDC) | Chrome        | Gold (24K) | Black |
| ⑥   | Key          | Brass            | Nickel        |            |       |



Prevent forgetting door lock when to close door

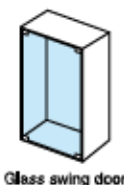
| CAD | Item Code   | Item Name    | Finish/Colour     | Key Type      | Glass Thickness (mm) | Key Removal  | Key Rotation Angle | Box (pcs) | Carton (pcs) |
|-----|-------------|--------------|-------------------|---------------|----------------------|--------------|--------------------|-----------|--------------|
| -   | 150-042-117 | GS-GL20-CR-B | Chrome            | Key Different | 6, 8, 10             | At one point | 360°               | 12        | 60           |
| -   | 150-001-365 | GS-GL20-CR-D | Chrome            | Key Alike     |                      |              |                    | 12        | 60           |
| -   | 150-042-119 | GS-GL20-GP-B | Gold (24K) Plated | Key Different |                      |              |                    | 12        | 60           |
| -   | 150-001-366 | GS-GL20-GP-D | Gold (24K) Plated | Key Alike     |                      |              |                    | 12        | 60           |
| -   | 150-042-121 | GS-GL20-BL-B | Black             | Key Different |                      |              |                    | 12        | 60           |
| -   | 150-001-367 | GS-GL20-BL-D | Black             | Key Alike     |                      |              |                    | 12        | 60           |

### Lock different cabinets by the same key

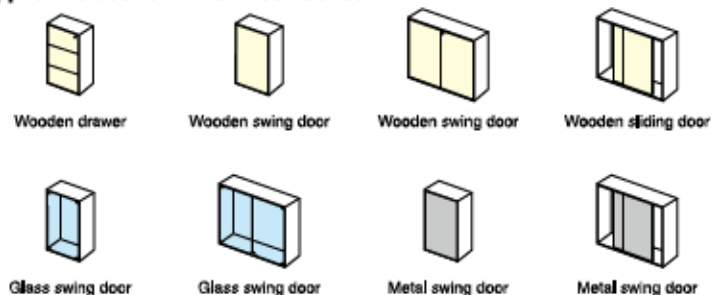


Keys can be shared with other Million Lock Series and lock drawers and doors by the same key.

### Applicable door type for glass door lock GS-GL20



### Applicable door of Million Lock Series



# GLASS DOOR LOCK GS-GL50 Easy Key Change



| Application       | Door Material | Key Changes    | Master Key | When Unlocked        | Total Lock            |
|-------------------|---------------|----------------|------------|----------------------|-----------------------|
| Single swing door | Glass         | Max. 3 million | —          | The key is removable | Super Rim Lock Series |

\*Max. 300 changes per master key (made to order)

- Cylinder lock designed for glass showcases.
- Designed for use with the GS-GH50 hinge 1 for design coordination.
- Thick stainless steel deadbolt for added security.
- The keys are dimple type and reversible.
- Key number can be changed without replacing the cylinder.  
(Easy key change system)
- A cover hides the key hole.
- The face plate can be used as a handle to open the door.
- The only drilling required for the cabinet is a round hole.  
This makes the installation very quick.

## [Round Dead Bolt]



Only processing required for boards is drilling.

## [Reversible Key]



Comes with dimple keys.

## [For Luxury Shops]

Smooth key operation and solid deadbolt enabling secure locking make the GS-GL50 ideal for luxury shops.



## [Others]

- Special type which does not have the construction key system is also available.  
(Key changes: 3,000 per master key)

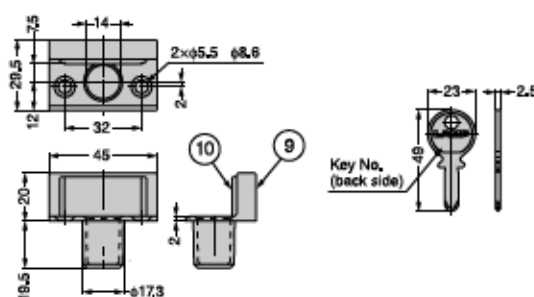
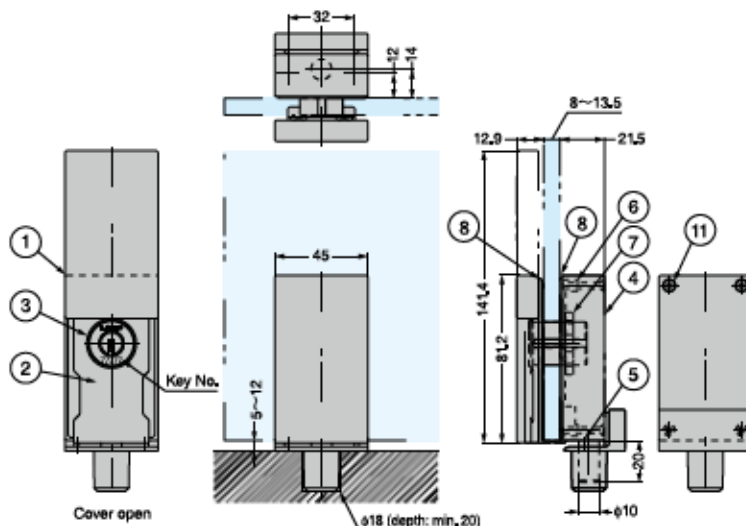
## [Remarks]

- Note that scratches on the black type may become conspicuous.  
Please handle it with care during installation.
- Shatter proof film is recommended to be used on glass for safety.
- The key number can be changed up to 2 times.
- Previous keys cannot be used again after changing key number.
- Read the remarks on handling the lock before use.

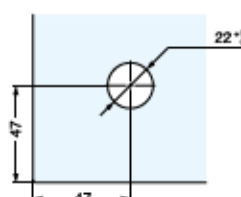
## [Parts Included]

- Cross-recessed countersunk tapping screw 4 × 20  
(The finish is the same as the strike plates.)
- Key
- Strike plate

| No. | Part Name                                | Material                | Finish |                   |              |
|-----|------------------------------------------|-------------------------|--------|-------------------|--------------|
|     |                                          |                         | CR     | GP                | BL           |
| ①   | Slide Cover                              | Zinc Alloy (ZDC)        | Chrome | Gold Plated (24K) | Enamel Black |
| ②   | Face Plate                               |                         |        |                   |              |
| ③   | Cylinder                                 |                         |        |                   |              |
| ④   | Case Lock                                | Zinc Alloy (ZDC)        | Plain  | Nickel            | Black        |
| ⑤   | Dead Bolt                                | Stainless Steel         |        |                   |              |
| ⑥   | Back Plate                               | Zinc Alloy (ZDC)        |        |                   |              |
| ⑦   | Nut                                      | Brass                   | Black  | Black             | Black        |
| ⑧   | Packing                                  | Chloroprene Rubber (CR) |        |                   |              |
| ⑨   | Strike Plate                             | Zinc Alloy (ZDC)        | Chrome | Gold Plated (24K) | Enamel Black |
| ⑩   | Strike Plate Rubber                      | EPDM                    | Black  |                   |              |
| ⑪   | Cross-recessed countersunk screw M3 x 18 | —                       | Chrome | Gold Plated (24K) | Enamel Black |



## [Cut Out Dimensions]



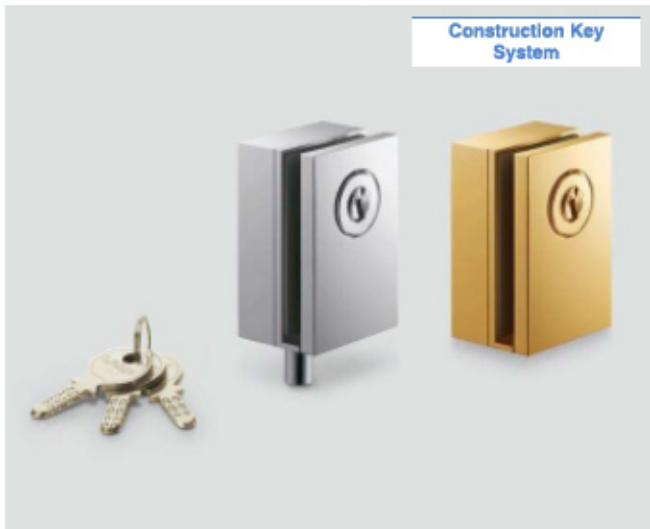
Refer to R F31

## SUPER RIM LOCK GLASS LOCK (W/KEY NUMBER CHANGE SYSTEM)

Under Development

TEMPERED GLASS

GS-GL50



\*This product is under development. The final shape may differ.

| Use         | Installation Surface | Key Changes                   | Master Key | Unlocking    | Compatible Locks      |
|-------------|----------------------|-------------------------------|------------|--------------|-----------------------|
| Single door | Glass                | Maximum 3 million key changes | -          | Key released | Super Rim Lock Series |

\*Maximum 300 changes per master key (made to order)

### Features

- The key number can be changed easily without needing to change the cylinder, for outstanding cost performance (construction key system).
- Can be used with GS-GH50 glass hinge to create a unified design for glass display cases.
- Long, thick stainless steel deadbolt for robust, secure locking.
- Dimpled key design. Reversible key can be inserted and removed in any direction.
- A master key can be made to order for batch management.

### Others

Master keys with no key number changes can also be made to order, with 3,000 key changes per master key.

### Remarks

- If the key is lost, the old key can no longer be used after a new key is created.
- The key number can be changed up to 2 times.
- Old key numbers cannot be restored after changing.
- Read the remarks on handling the lock before use.

### Parts Included

Mounting screw for strike

### Sold Separately

Master key (made to order)

## Recommended for shops selling luxury goods

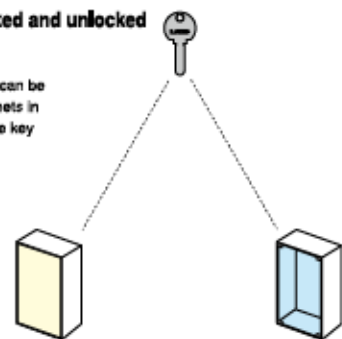


Key Changes **3 million**

Smooth key operation and solid deadbolt enabling secure locking make this product ideal for luxury boutiques.

### Multiple cabinets can be locked and unlocked with the same key

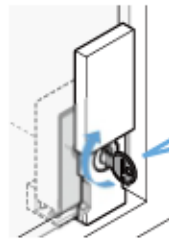
As shown in the figure, the same key can be used to lock and unlock multiple cabinets in the Super Rim Lock Series if the same key number is specified.



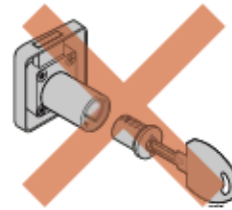
## Easy Key Change. No Cylinder Replacements Needed.

The key number can be changed by simply using a "change key".

It is unnecessary to ask locksmith for replacing cylinders, for example, when the key is lost or tenants are changed.



Just use the "change key" fi



No cylinder replacements needed



No locksmith's help needed

## Use Example in Tenant Shop

### ① During installation



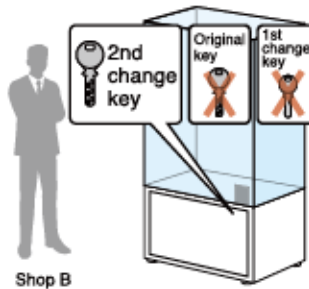
"Original key" is used during installation.  
(The "original key" is included.)

### ② When a new tenant moves in



"1st change key" is used for "shop A".  
The "original key" is no longer be used after this.  
(The "1st change key" is made to order.)

### ③ When the tenant changes



"2nd change key" is used for "shop B".  
The "1st change key" is no longer be used after this.  
(The "2nd change key" is made to order.)

Key numbers cannot be changed anymore.

### [Combined Usage with Key and Master Key]

- There are also three kinds of Master Keys: Original Master Key, Master Keys for 1st change and 2nd change. They are available by made to order.
- Master Keys must also be changed after the lock's key number is changed.
- All key numbers will be changed by using new master key.
- In case only some of the locks' key numbers in Master Key system are changed, master keys for that portion should still be kept.

| Ref. | CAD | Item Code   | Item Name      | Finish            | Key Type      | Master Key System | Glass Thickness | Key Removal | Key Rotation Angle | Box (pc) | Carton (pcs) |
|------|-----|-------------|----------------|-------------------|---------------|-------------------|-----------------|-------------|--------------------|----------|--------------|
| —    | ●   | 150-047-111 | GS-GL50MK-CR-B | Chrome            | Key Different | With              | 8 - 13.5        | Two Areas   | 360°               | 1        | 12           |
| —    | ●   | 150-047-112 | GS-GL50-CR-B   |                   | Key Alike     | Without           |                 |             |                    | 1        | 12           |
| —    | ●   | 150-001-172 | GS-GL50-CR-D   |                   |               | Without           |                 |             |                    | 1        | 12           |
| —    | ●   | 150-047-113 | GS-GL50MK-GP-B | Gold Plated (24K) | Key Different | With              |                 |             |                    | 1        | 12           |
| —    | ●   | 150-047-114 | GS-GL50-GP-B   |                   | Key Alike     | Without           |                 |             |                    | 1        | 12           |
| —    | ●   | 150-001-173 | GS-GL50-GP-D   |                   |               | Without           |                 |             |                    | 1        | 12           |
| —    | ●   | 150-047-115 | GS-GL50MK-BL-B | Enamel Black      | Key Different | With              |                 |             |                    | 1        | 12           |
| —    | ●   | 150-047-116 | GS-GL50-BL-B   |                   | Key Alike     | Without           |                 |             |                    | 1        | 12           |
| —    | ●   | 150-001-174 | GS-GL50-BL-D   |                   |               | Without           |                 |             |                    | 1        | 12           |

# GLASS DOOR CAM LOCK Million Lock Series



1300GL

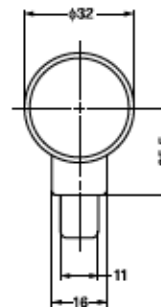
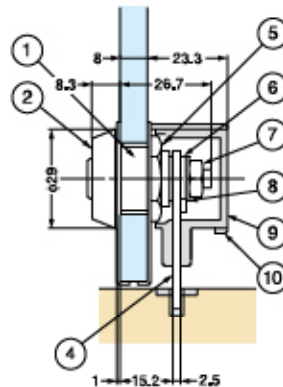
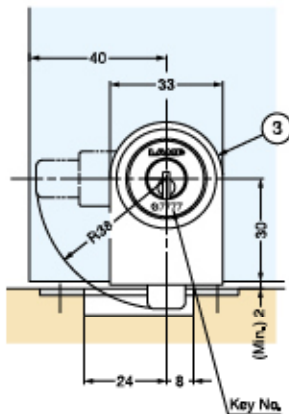


## Features

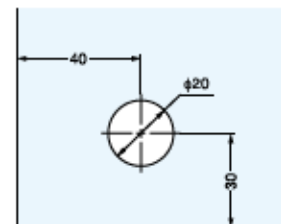
- Dimple key lock series. Ideal for showcase application.
- Reversible key. Lock and unlock to turn key 360° and cam turns 90°.
- Able to remove key when locked and unlocked.
- 1 million key changes available.
- Master Key system available at surcharge.  
(Max. 2,520 key changes/Master Key.)
- Keys can be shared with other Million Lock Series.

## Parts Included

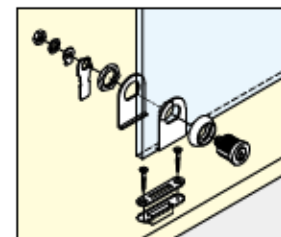
Countersunk head wood screw 2.7 x 13 (SUS)



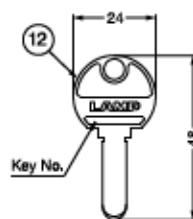
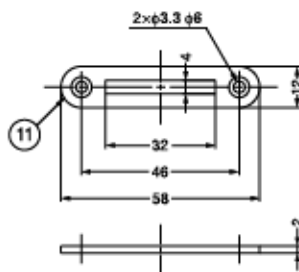
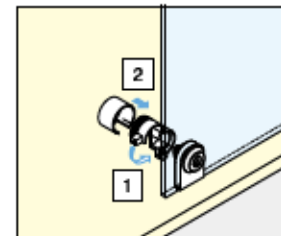
## Cut Out Dimensions



## Installation



## How to Install ⑨ Cover & ⑩ Ring



| No. | Part Name   | Material                 | Finish/Colour                  |
|-----|-------------|--------------------------|--------------------------------|
| ①   | Body        | Brass                    | Satin Nickel                   |
| ②   | Ring        | Brass                    | Satin Nickel                   |
| ③   | Front Plate | Stainless Steel (SUS304) | Polished                       |
| ④   | Cam         | Stainless Steel (SUS304) | Polished                       |
| ⑤   | Hex Nut     | Steel                    | Special Anti Rust Paint/Silver |
| ⑥   | Small Cam   | Brass                    | Nickel                         |
| ⑦   | Hex Nut     | Steel                    | Special Anti Rust Paint/Silver |
| ⑧   | Washer      | Steel                    | Special Anti Rust Paint/Silver |
| ⑨   | Cover       | Polypropylene (PP)       | Black                          |
| ⑩   | Ring        | Polypropylene (PP)       | Black                          |
| ⑪   | Strike      | Stainless Steel (SUS304) | Polished                       |
| ⑫   | Key         | Brass                    | Nickel                         |

| Item Code   | Item Name | Key Type      | Glass Thickness | Weight | Box    | Carton |
|-------------|-----------|---------------|-----------------|--------|--------|--------|
| 150-060-219 | 1300GL-B  | Key Different | 5 - 8           | 140 g  | 12 pcs | 60 pcs |
| 150-001-056 | 1300GL-D  | Key Alike     | 5 - 8           | 140 g  | 12 pcs | 60 pcs |

Please contact us for this item with Master Key system.

# GLASS DOOR CAM LOCK Million Lock Series



1310GL



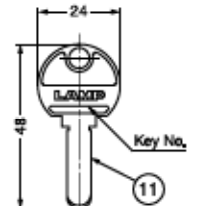
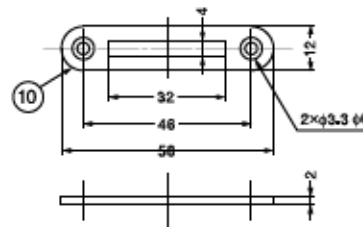
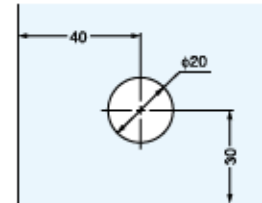
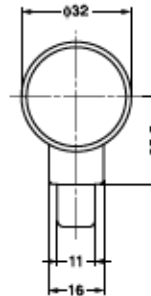
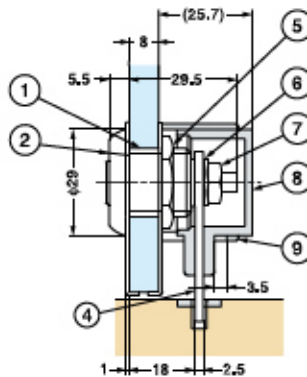
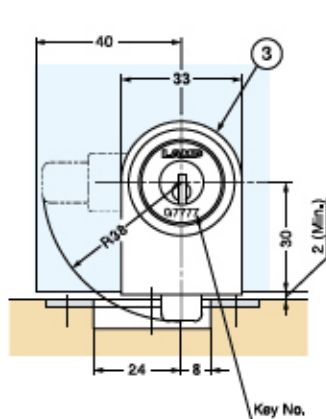
## Features

- Dimple key lock series. Ideal for showcase application.
- Reversible key can be removed when locked.
- 1 million key changes available.
- Master Key system available at surcharge.  
(Max. 2,520 key changes/Master Key.)
- Keys can be shared with other Million Lock Series.

## Parts Included

Countersunk head wood screw 2.7 x 13 (SUS)

## Cut Out Dimensions



| No. | Part Name   | Material                 | Finish/Colour                     |          |      |              |
|-----|-------------|--------------------------|-----------------------------------|----------|------|--------------|
|     |             |                          | SN                                | CR       | GC   | BL           |
| ①   | Body        | Brass                    | Satin Nickel                      | Chrome   | Gold | Black Chrome |
| ②   | Ring        | Brass                    | Satin Nickel                      | Chrome   | Gold | Black Chrome |
| ③   | Front Plate | Stainless Steel (SUS304) | Satin                             | Polished | Gold | Black Chrome |
| ④   | Cam         | Stainless Steel (SUS304) | Plain                             |          |      |              |
| ⑤   | Hex Nut     | Steel                    | Special Anti Rust Painting/Silver |          |      |              |
| ⑥   | Washer      | Steel                    | Special Anti Rust Painting/Silver |          |      |              |
| ⑦   | Hex Nut     | Steel                    | Special Anti Rust Painting/Silver |          |      |              |
| ⑧   | Cover       | Polypropylene (PP)       | Black                             |          |      |              |
| ⑨   | Ring        | Polypropylene (PP)       | Black                             |          |      |              |
| ⑩   | Strike      | Stainless Steel (SUS304) | Polished                          |          |      | Black Chrome |
| ⑪   | Key         | Brass                    | Nickel                            |          |      |              |

| Item Code   | Item Name   | Finish       | Key Type      | Glass Thickness | Weight | Box    | Carton |
|-------------|-------------|--------------|---------------|-----------------|--------|--------|--------|
| 150-060-045 | 1310GL-SN-B | Satin Nickel | Key Different | 5 - 8           | 139 g  | 12 pcs | 60 pcs |
| 150-001-315 | 1310GL-SN-D | Satin Nickel | Key Alike     | 5 - 8           | 139 g  | 12 pcs | 60 pcs |
| 150-060-047 | 1310GL-CR-B | Chrome       | Key Different | 5 - 8           | 139 g  | 12 pcs | 60 pcs |
| 150-001-316 | 1310GL-CR-D | Chrome       | Key Alike     | 5 - 8           | 139 g  | 12 pcs | 60 pcs |
| 150-060-049 | 1310GL-GC-B | Gold         | Key Different | 5 - 8           | 139 g  | 12 pcs | 60 pcs |
| 150-001-317 | 1310GL-GC-D | Gold         | Key Alike     | 5 - 8           | 139 g  | 12 pcs | 60 pcs |
| 150-028-535 | 1310GL-BL-B | Black Chrome | Key Different | 5 - 8           | 139 g  | 12 pcs | 60 pcs |
| 150-001-248 | 1310GL-BL-D | Black Chrome | Key Alike     | 5 - 8           | 139 g  | 12 pcs | 60 pcs |

Please contact us for this item with Master Key system.

## GLASS DOOR CAM LOCK Million Lock Series



**1310GLW**

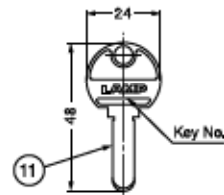
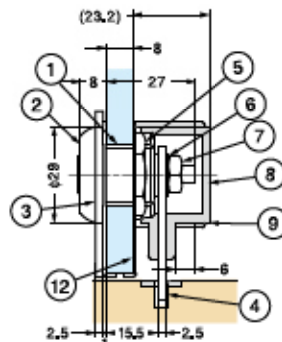
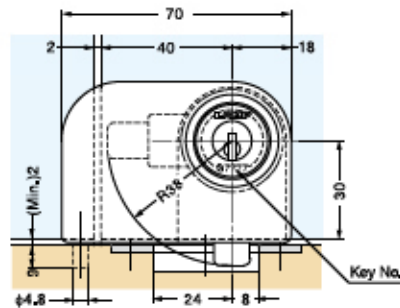
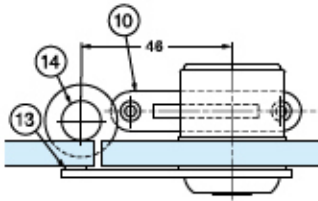


## Features

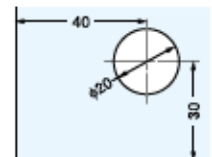
- For double door application.
- Dimple key lock series. Ideal for showcase application.
- Reversible key can be removed when locked and turn 90° rotation clockwise.
- 1 million key changes available.
- Master Key system available at surcharge.  
(Max, 2,520 key changes/Master Key.)
- Keys can be shared with Million Lock Series.

### Parts Included

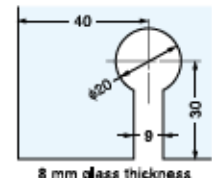
Countersunk head wood screw 2.7 x 13 (SUS)



### Cut Out Dimensions



5 or 6 mm glass thickness



8 mm glass thickness

| No. | Part Name          | Material                 | Finish/Colour                     |        |      |
|-----|--------------------|--------------------------|-----------------------------------|--------|------|
|     |                    |                          | SN                                | CR     | GC   |
| ①   | Body               | Brass                    | Satin Nickel                      | Chrome | Gold |
| ②   | Ring               | Brass                    | Satin Nickel                      | Chrome | Gold |
| ③   | Plate              | Brass                    | Satin Nickel                      | Chrome | Gold |
| ④   | Cam                | Stainless Steel (SUS304) | Plain                             |        |      |
| ⑤   | Hex Nut            | Steel                    | Special Anti Rust Painting/Silver |        |      |
| ⑥   | Washer             | Steel                    | Special Anti Rust Painting/Silver |        |      |
| ⑦   | Hex Nut            | Steel                    | Special Anti Rust Painting/Silver |        |      |
| ⑧   | Cover              | Polypropylene (PP)       | Black                             |        |      |
| ⑨   | Ring               | Polypropylene (PP)       | Black                             |        |      |
| ⑩   | Strike             | Stainless Steel (SUS304) | Polished                          |        |      |
| ⑪   | Key                | Brass                    | Nickel                            |        |      |
| ⑫   | Plate              | Stainless Steel (SUS304) | Polished                          |        |      |
| ⑬   | Clear Bumper BS-40 | Polyurethane (PUR)       | Clear                             |        |      |
| ⑭   | Stopper SS-3248R   | Polyamide (PA)           | Brown                             |        |      |

| Item Code   | Item Name    | Key Type      | Glass Thickness | Weight | Box    | Carton |
|-------------|--------------|---------------|-----------------|--------|--------|--------|
| 150-060-951 | 1310GLW-SN-B | Key Different | 5 - 8           | 206 g  | 12 pcs | 60 pcs |
| 150-001-318 | 1310GLW-SN-D | Key Alike     | 5 - 8           | 206 g  | 12 pcs | 60 pcs |
| 150-060-953 | 1310GLW-CR-B | Key Different | 5 - 8           | 206 g  | 12 pcs | 60 pcs |
| 150-001-319 | 1310GLW-CR-D | Key Alike     | 5 - 8           | 206 g  | 12 pcs | 60 pcs |
| 150-060-955 | 1310GLW-GC-B | Key Different | 5 - 8           | 206 g  | 12 pcs | 60 pcs |
| 150-001-320 | 1310GLW-GC-D | Key Alike     | 5 - 8           | 206 g  | 12 pcs | 60 pcs |

Please contact us for this item with Master Key system.

## FRAMELESS GLASS DOOR HINGE WITH SOFT CLOSE - WALL TO GLASS

L=R TOUGHENED GLASS

1 Million times opening and closing cycle test clear



• Closing speed adjustment screw, please adjust within a range not out of the hinge body.

### Item SIM8010

#### Features :

- Soft closing hinge with a speed adjustment function
- The door closes from 80 ° to 0 °
- Also suitable for areas with high humidity

#### Note :

- Operating Temperature : -10 °C ~ 50 °C
- Hinge opens up to about 90 °, but it does not stop the door in this position. To avoid over traveling please provide door stopper separately per door.
- Forced opening or closing would cause damage to the mechanism.

#### • Suggested Glass Door Thickness Vs Height

| Glass Thickness | 8 mm       | 10 mm       | 12 mm       |
|-----------------|------------|-------------|-------------|
| Glass Height    | Max 2200mm | Max 2600 mm | Max 3000 mm |

| ItemName   | Material       | Finish            | Glass Door Width (mm) | Glass Door Thickness (mm) | Glass Door Weight (Kg) | Packing(Box) |
|------------|----------------|-------------------|-----------------------|---------------------------|------------------------|--------------|
| SIM8010-13 | Aluminum Alloy | Stainless Steel   | 700 - 1000            | 8, 10, 12                 | Max 100 Kg/2pc.        | 2 pc.        |
| SIM8010-14 | Aluminum Alloy | Chrome            | 700 - 1000            | 8, 10, 12                 | Max 100 Kg/2pc.        | 2 pc.        |
| SIM8010-16 | Aluminum Alloy | Polished Gold PVD | 700 - 1000            | 8, 10, 12                 | Max 100 Kg/2pc.        | 2 pc.        |
| 1470       |                |                   |                       |                           |                        |              |

## FRAMELESS GLASS DOOR HINGE WITH SOFT CLOSE - GLASS TO GLASS

1 Million times opening and closing cycle test clear



SIM8015-13

SIM8015-14

### Item SIM8015

NEW L=R

#### Features :

- Soft closing hinge with a speed adjustment function
- The door closes from 80 ° to 0 ° Also suitable for areas with high humidity

#### Note :

- Operating Temperature : -10 °C ~ 50 °C
- Hinge opens up to about 90 °, but it does not stop the door in this position. To avoid over traveling please provide door stopper separately per door.
- Forced opening or closing would cause damage to the mechanism.

#### ■ HINGE MOUNTING POSITION CLEARANCE DIMENSION

#### • Suggested Glass Door Thickness Vs Height

| Glass Thickness | 8 mm        | 10 mm       | 12 mm       |
|-----------------|-------------|-------------|-------------|
| Glass Height    | Max 2000 mm | Max 2200 mm | Max 2500 mm |

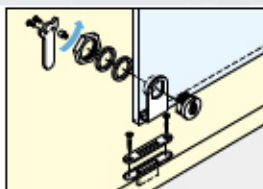
| ItemName   | Material       | Finish            | Glass Door Width (mm) | Glass Door Thickness (mm) | Glass Door Weight (Kg) | Packing(Box) |
|------------|----------------|-------------------|-----------------------|---------------------------|------------------------|--------------|
| SIM8015-13 | Aluminum Alloy | Stainless Steel   | 700 - 1000            | 8, 10, 12                 | Max 80 Kg/2pc.         | 2 pc.        |
| SIM8015-14 | Aluminum Alloy | Chrome            | 700 - 1000            | 8, 10, 12                 | Max 80 Kg/2pc.         | 2 pc.        |
| SIM8015-16 | Aluminum Alloy | Polished Gold PVD | 700 - 1000            | 8, 10, 12                 | Max 80 Kg/2pc.         | 2 pc.        |
| SIM8015-5  | Aluminum Alloy | Black Matt        | 700 - 1000            | 8, 10, 12                 | Max 80 Kg/2pc.         | 2 pc.        |

## GLASS DOOR CAM LOCK (W/INDICATOR) 2200 Lock Series

2200GL



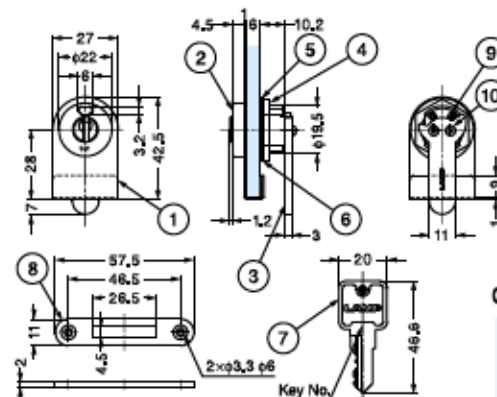
### Installation



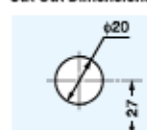
| No. | Part Name                             | Material                 | Finish/Colour/Type           |
|-----|---------------------------------------|--------------------------|------------------------------|
| ①   | Front Plate                           | Stainless Steel (SUS304) | Polished                     |
| ②   | Body                                  | Zinc Alloy (ZDC)         | Satin Nickel                 |
| ③   | Cam                                   | Steel                    | Nickel                       |
| ④   | Hex Nut                               | Brass                    | Nickel                       |
| ⑤   | Plastic Washer                        | Polyamide (PA)           | Natural                      |
| ⑥   | Washer                                | Steel                    | Chrome                       |
| ⑦   | Key                                   | Brass                    | Nickel                       |
| ⑧   | Strike                                | Steel                    | Chrome                       |
| ⑨   | Screw (Stopper for the Lock Plate)    | Brass                    | Plain                        |
| ⑩   | Screw (for installing the Lock Plate) | Steel                    | Nickel Pan Head Screw M2.5x8 |

### Features

- With indicator: Unlocked - Blue, Locked - Red.
- Ideal for application of showcase or audio rack.
- Available for both right and left swing door.
- Key can be removed when locked.
- 12 key changes available. (Max. 300 key changes as special order)
- Master Key system (170 key changes) available at surcharge. (1 Master Key only.)
- Keys can be shared with 2200 Lock Series.



Cut Out Dimensions



| Item Code   | Item Name | Key Type      | Glass Thickness | Weight | Box    |
|-------------|-----------|---------------|-----------------|--------|--------|
| 150-062-066 | 2200GL-B  | Key Different | 4 - 6           | 75 g   | 12 pcs |
| 150-060-914 | 2200GL-D  | Key Alike     | 4 - 6           | 75 g   | 12 pcs |

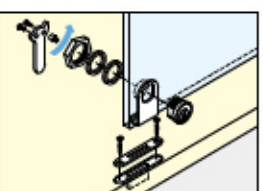
Please contact us for this item with Master Key system.

## GLASS DOOR CAM LOCK 2100 Lock Series

2100GL



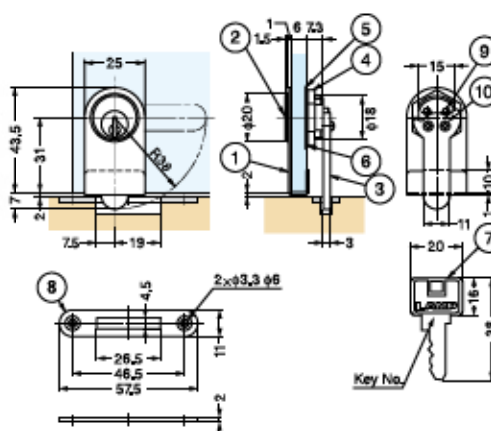
### Installation



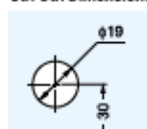
| No. | Part Name                             | Material                 | Finish/Colour/Type           |
|-----|---------------------------------------|--------------------------|------------------------------|
| ①   | Front Plate                           | Stainless Steel (SUS304) | Polished                     |
| ②   | Body                                  | Brass                    | Satin Nickel                 |
| ③   | Cam                                   | Steel                    | Nickel                       |
| ④   | Hex Nut                               | Brass                    | Nickel                       |
| ⑤   | Plastic Washer                        | Polyamide (PA)           | Natural                      |
| ⑥   | Washer                                | Steel                    | Chrome                       |
| ⑦   | Key                                   | Brass                    | Nickel                       |
| ⑧   | Strike                                | Steel                    | Chrome                       |
| ⑨   | Screw (Stopper for the Lock Plate)    | Brass                    | Plain                        |
| ⑩   | Screw (for installing the Lock Plate) | Steel                    | Nickel Pan Head Screw M2.5x8 |

### Features

- Ideal for application of showcase or audio rack.
- Available for both right and left swing door.
- Key can be removed when locked.
- 12 key changes available in stock.
- Keys can be shared with 2100 Lock Series.



Cut Out Dimensions

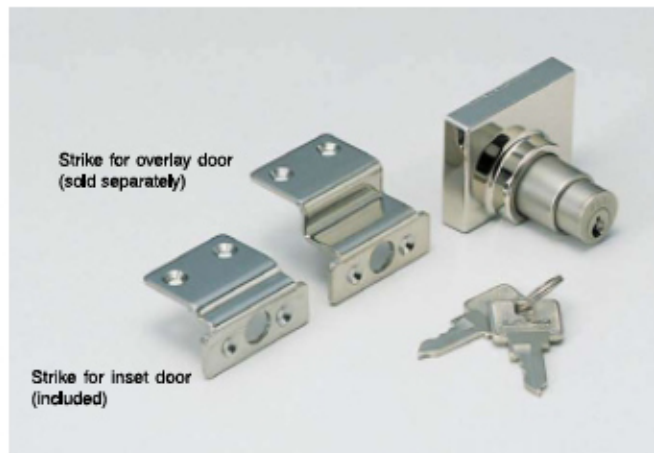


| Item Code   | Item Name | Key Type      | Glass Thickness | Weight | Box    |
|-------------|-----------|---------------|-----------------|--------|--------|
| 150-001-057 | 2100GL-B  | Key Different | 4 - 6           | 75 g   | 12 pcs |
| 150-001-058 | 2100GL-D  | Key Alike     | 4 - 6           | 75 g   | 12 pcs |

# GLASS DOOR LOCK 2100 Lock Series



MKL-2100



## Features

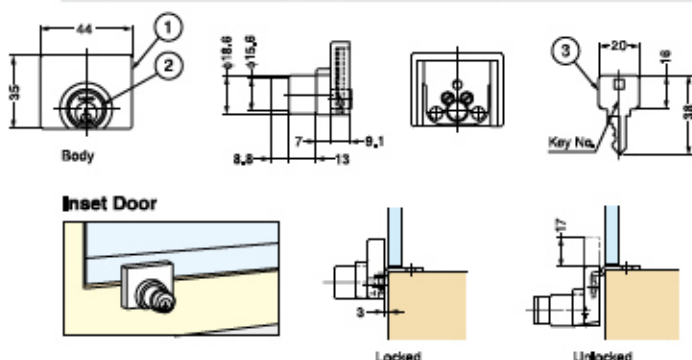
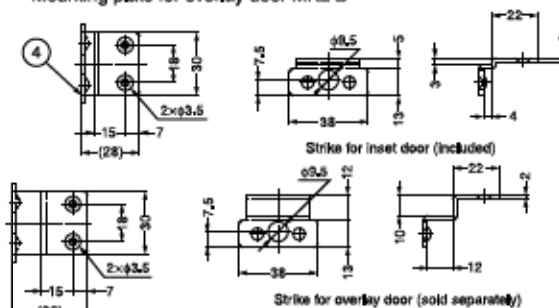
- Pre-drilling on glass not required.
- For inset door.
- MKL-B mounting plate (option) is available for overlay.
- Key different type possible as special order (12 key changes).
- Keys can be shared with 2100 Lock Series.

## Parts Included

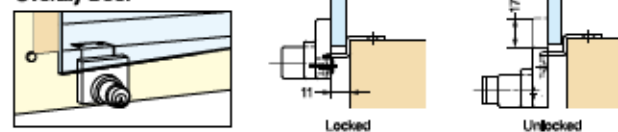
- Mounting plate for inset doors
- Flat head cross screws 3.1 x 1.6 (SUS)

## Optional Parts

Mounting plate for overlay door MKL-B



## Overlay Door



## Body

| Item Code   | Item Name  | Key Type  | Glass Thickness | Weight | Box    | Carton |
|-------------|------------|-----------|-----------------|--------|--------|--------|
| 150-069-709 | MKL-2100-D | Key Alike | 5 - 8           | 125 g  | 12 pcs | 60 pcs |

## Counter Plate for Overlay Door (Optional Parts)

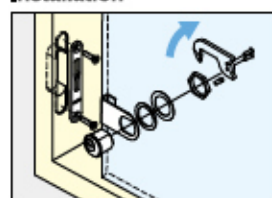
| Item Code   | Item Name | Material                 | Finish   | Box    | Carton  |
|-------------|-----------|--------------------------|----------|--------|---------|
| 150-069-538 | MKL-B     | Stainless Steel (SUS304) | Polished | 60 pcs | 360 pcs |

# GLASS DOOR CAM LOCK 2100 Lock Series

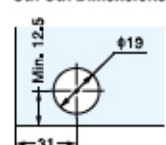
2100GLK



## Installation

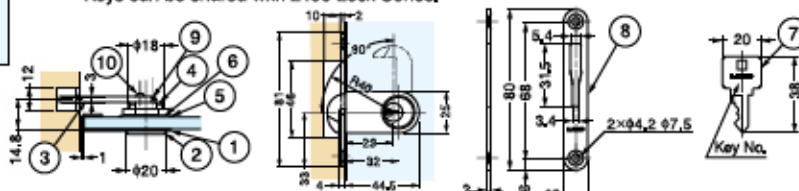


## Cut Out Dimensions



## Features

- For swinging glass doors. Ideal for showcase application.
- Available for both right and left swing door.
- The key is removable only when locked.
- 12 key changes available.
- Keys can be shared with 2100 Lock Series.

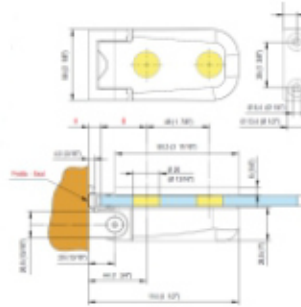


| No. | Part Name                             | Material                 | Finish       |
|-----|---------------------------------------|--------------------------|--------------|
| ①   | Front Plate                           | Stainless Steel (SUS304) | Satin        |
| ②   | Body                                  | Brass                    | Satin Nickel |
| ③   | Cam                                   | Steel                    | Nickel       |
| ④   | Hex Nut                               | Brass                    | Nickel       |
| ⑤   | Plastic Washer                        | Polyamide (PA)           | Natural      |
| ⑥   | Washer                                | Steel                    | Nickel       |
| ⑦   | Key                                   | Brass                    | Nickel       |
| ⑧   | Strike                                | Steel                    | Nickel       |
| ⑨   | Screw (Stopper for the Lock Plate)    | Brass                    | Plain        |
| ⑩   | Screw (for Installing the Lock Plate) | Steel                    | Nickel       |

| Item Code   | Item Name | Key Type      | Cylinder Diameter | Glass Thickness | Weight | Box    | Carton  |
|-------------|-----------|---------------|-------------------|-----------------|--------|--------|---------|
| 150-020-475 | 2100GLK-B | Key Different | φ20               | 4 - 6           | 75 g   | 12 pcs | 120 pcs |
| 150-001-147 | 2100GLK-D | Key Alike     | φ20               | 4 - 6           | 75 g   | 12 pcs | 120 pcs |

## FRAMELESS GLASS DOOR HINGE - WALL TO GLASS

L=R TOUGHENED GLASS



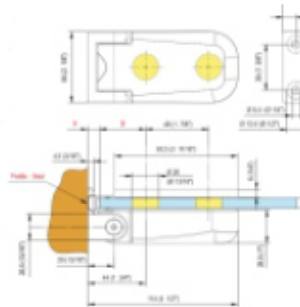
### Features :

New hydraulic hinge for shower enclosures.  
Inside an independent hydraulic and removable heart.  
This feature makes the inner piston interchangeable on different shapes of customized hinges.  
Our door closer hinges have been certified, which equalizes them in all aspects to the traditional door closer.  
Some models are for doors with stop, others for offset pivoting doors.  
Moreover, Slash is a system for shower enclosures with incorporated hydraulic mechanism and pivoting opening that allows a more of a clear way and wider moving space.

| ItemCode       | ItemName      | Material   | Finish          | Glass Door Width (mm) | Glass Door Thickness (mm) | Glass Door Weight (Kg) | Packing(Box)   |
|----------------|---------------|------------|-----------------|-----------------------|---------------------------|------------------------|----------------|
| SIM-815E50N-14 | Wall To Glass | Zinc Alloy | Polished Chrome | 900 mm                | 8-10mm                    | 60 kg per Door         | 60 kg per Door |

## FRAMELESS GLASS DOOR HINGE - WALL TO GLASS

L=R TOUGHENED GLASS



### Features :

New hydraulic hinge for shower enclosures.  
Inside an independent hydraulic and removable heart.  
This feature makes the inner piston interchangeable on different shapes of customized hinges.  
Our door closer hinges have been certified, which equalizes them in all aspects to the traditional door closer.  
Some models are for doors with stop, others for offset pivoting doors.  
Moreover, Slash is a system for shower enclosures with incorporated hydraulic mechanism and pivoting opening that allows a more of a clear way and wider moving space.

| ItemCode        | ItemName       | Material   | Finish          | Glass Door Width (mm) | Glass Door Thickness (mm) | Glass Door Weight (Kg) | Packing(Box)   |
|-----------------|----------------|------------|-----------------|-----------------------|---------------------------|------------------------|----------------|
| SIM-815E510N-14 | Glass To Glass | Zinc Alloy | Polished Chrome | 900 mm                | 8-10mm                    | 60 kg per Door         | 60 kg per Door |

## FRAMELESS GLASS DOOR HINGE - HEAVY DUTY DOOR

L=R TOUGHENED GLASS



### Features :

Glass door hinge, bottom door closer.  
Automatic hydraulic hinge with adjustable closing speed for 'all-glass' doors.  
Stop at 0° +90° -90°. Manufactured in aluminum.  
Suitable for 10 - 12mm glass.  
It is born for outer doors.  
• Automatic closing with speed adjustable return.  
• Possibility to adjust the anti-wind and safety anti-pull device.  
• It remains in standby position at 90° and 180°.  
• It maintains the initial features over the time.  
• It also bears heavy doors without changing the way of closing regardless of door weight.  
• It discharges on earth the door weight.  
• The hinge and the dissipater work in opposition.  
The hinge closes while the dissipater makes head to closing.  
Both items are adjustable in intensity.

| ItemCode | ItemName                                                | Material   | Finish          | Glass Door Width (mm) | Glass Door Thickness (mm) | Glass Door Weight (Kg) |
|----------|---------------------------------------------------------|------------|-----------------|-----------------------|---------------------------|------------------------|
| SIM 8201 | Frameless Glass Door Hing - Heavy Duty Door Upper part  | Zinc Alloy | Polished Chrome | 1200 mm               | 10-12mm                   | 150 kg per Door        |
| SIM 8202 | Frameless Glass Door Hing - Heavy Duty Door Bottom part | Zinc Alloy | Polished Chrome | 1200 mm               | 10-12mm                   | 150 kg per Door        |

## FRAMELESS GLASS DOOR PIVOT HINGE FOR HEAVY DOORS



## FRAMELESS GLASS DOOR PIVOT HINGE FOR HEAVY DOORS

### TOP PIN FOR UPPER CORNER BRACKET BODY

SIM1027-31



| ItemCode   | ItemName | Material        | Finish |
|------------|----------|-----------------|--------|
| SIM1027-31 | Top Pin  | Stainless Steel | Mirror |

### UPPER CORNER BRACKET BODY

SIMD100E20



#### Features

- Can even be used for areas such as shower booths where water is used.

| ItemCode   | ItemName                  | Material | Finish |
|------------|---------------------------|----------|--------|
| SIMD100E20 | Upper Corner Bracket Body | Zinc     | —      |

### COVER FOR UPPER CORNER BRACKET

SIMC100E20-14



| ItemCode      | ItemName    | Material | Finish |
|---------------|-------------|----------|--------|
| SIMC100E20-14 | Upper Cover | Zinc     | —      |

### BOTTOM CORNER BRACKET BODY WITH SOFTCLOSE

SIMD101E10NF



#### Features

- Can even be used for areas such as shower booths where water is used.

| ItemCode     | ItemName                   | Material | Finish |
|--------------|----------------------------|----------|--------|
| SIMD101E10NF | Bottom Corner Bracket Body | Zinc     | —      |

### COVER FOR SIMD101E10NF

SIMC100E10-14



| ItemCode      | ItemName                | Material | Finish |
|---------------|-------------------------|----------|--------|
| SIMD100E10-14 | Cover For Bottom Corner | Zinc     | —      |

### CORNER LOCK FOR FRAMLESS GLASS DOOR

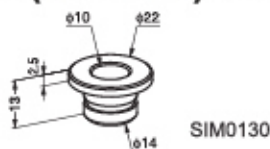
SIMD100E30



| ItemCode      | ItemName    | Material | Finish |
|---------------|-------------|----------|--------|
| SIMD100E30    | Corner Lock | Zinc     | —      |
| SIMD100E30-31 | Cover       | Zinc     | SS     |

### FLOOR (BUSHING) FOR CORNER LOCK

SIM0130



| ItemCode   | ItemName     | Material | Finish |
|------------|--------------|----------|--------|
| SIM0130-14 | Strike Plate | Zinc     | Chrome |

### SUGGESTED GLASS DOOR THICKNESS Vs HEIGHT

| Glass Thickness | 8 mm        | 10 mm       | 12 mm       |
|-----------------|-------------|-------------|-------------|
| Glass Height    | Max 2000 mm | Max 2200 mm | Max 2500 mm |



SKI-GD-70H

# FRAMELESS GLASS 70 KG SLIDING DOOR SYSTEM DUAL SOFT CLOSE

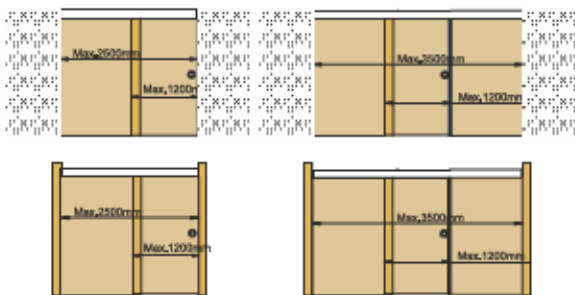
## SKI-GD-70H



**Section type**  
Dimensions in mm

**Section type**  
Dimensions in mm

### END WALL TRACK BRACKETS

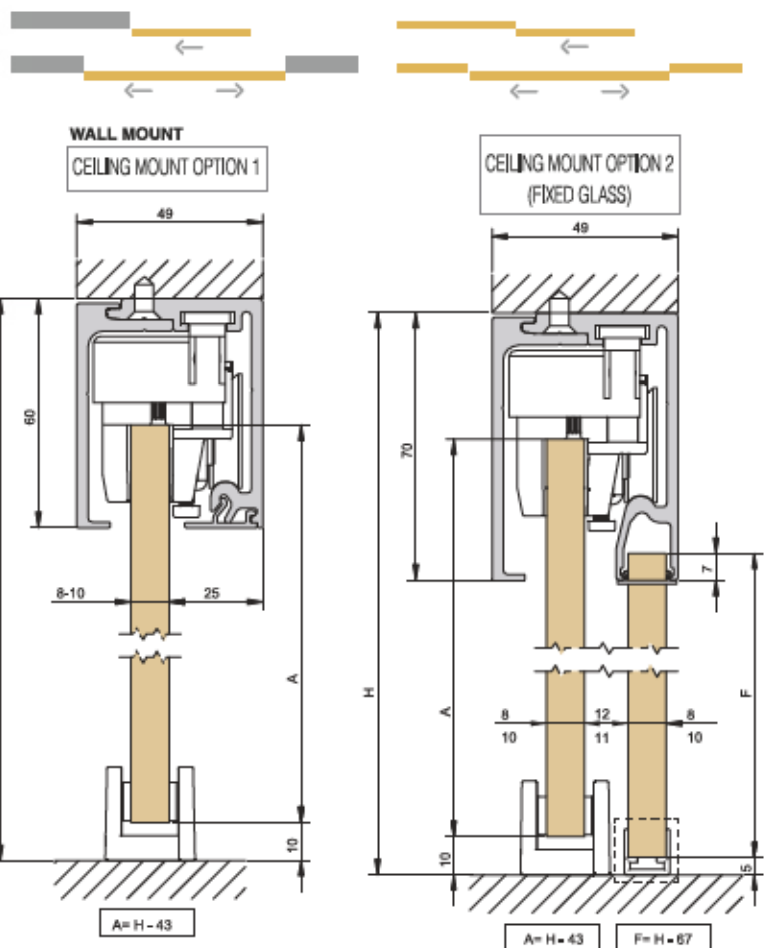


|                             |                      |             |
|-----------------------------|----------------------|-------------|
| <b>Glass Door Weight</b>    | 70kgs /- panel       |             |
| <b>Glass Door Thickness</b> | 8-10mm in thickness, |             |
| <b>Glass Width</b>          | 675 mm Min           | 1200 mm Max |
| <b>Height Adjustment</b>    | +/- 2 mm             |             |
| <b>Durability</b>           | 100,000 cycles       |             |

### Features

- Latest technology with an attractive minimalist design.
- The system is quick and easy to install.
- Domestic and commercial applications
- It integrates seamlessly into any design.
- Conceals all of its sliding components within upper track.
- Pleasing aesthetic appearance.

### Installation possibilities

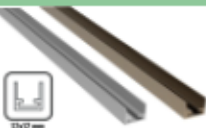


### Parts Set (Per Door) Necessary Parts

|     | Item Code       | Description                                                                                                                              | Unit |
|-----|-----------------|------------------------------------------------------------------------------------------------------------------------------------------|------|
| [a] | SKI-GD-70H-2M   | Frameless Glass 70Kg With Dual Soft Close<br>One Door Parts   Upper Track : 2000 mm   Wall /Ceiling Mount   (Alumite Finish)             | Set  |
| [b] | SKI-GD-70HFG-2M | Frameless Glass 70Kg With Dual Soft Close<br>One Door Parts   Upper Track : 2000 mm   Wall /Ceiling Mount   (Alumite Finish)   Fix Panel | Set  |
| [c] | SKI-GD-70HFG-3M | Frameless Glass 70Kg With Dual Soft Close<br>One Door Parts   Upper Track : 3000 mm   Wall /Ceiling Mount   (Alumite Finish)   Fix Panel | Set  |

|   | INDIVIDUAL ITEM CODE   | Description                               |
|---|------------------------|-------------------------------------------|
| a | <b>SKI-GD-70H-2M</b>   |                                           |
|   | SKI-GD-70-2M SSA       | Upper Track Wall / Ceiling Mount 2000mm   |
|   | SKI-GD-70-DSC          | Dual Soft Close 1 Door Parts Set          |
|   | SKI-GD-FG-10-14-SAA    | Floor Guide for 10-14mm Glass             |
| b | SKI-GD-70-EC-SSA       | End Caps Set - Plastic                    |
|   | <b>SKI-GD-70HFG-2M</b> |                                           |
|   | SKI-GD-70-FP-2M SAA    | Upper Track Wall / Ceiling Mount 2000mm   |
|   | SKI-GD-70-DSC          | Dual Soft Close 1 Door Parts Set          |
| c | SKI-GD-FG-10-14-SAA    | Floor Guide for 10-14mm Glass             |
|   | SKI-GD-70-FP-EC-SAA    | End Caps Set - For Fix panel type plastic |
|   | <b>SKI-GD-70HFG-3M</b> |                                           |
|   | SKI-GD-70-FP-3M SAA    | Upper Track Wall / Ceiling Mount 3000mm   |
|   | SKI-GD-70-DSC          | Dual Soft Close 1 Door Parts Set          |
|   | SKI-GD-FG-10-14-SAA    | Floor Guide for 10-14mm Glass             |
|   | SKI-GD-70-FP-EC-SAA    | End Caps Set - For Fix panel type plastic |

|   |                                                                                    |                                                                                                                 |
|---|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| 1 |  | ITEM CODE<br>• <b>SKI-GD-70-2M SAA</b><br><br>LENGTH<br>• <b>2000mm</b>                                         |
| 2 |  | ITEM CODE<br>• <b>SKI-GD-70-FP-2M SAA</b><br>• <b>SKI-GD-70-FP-3M SAA</b><br>LENGTH<br>• <b>2000mm / 3000mm</b> |
| 3 |  | ITEM CODE<br>• <b>SKI-GD-70-DSC</b>                                                                             |
| 4 |  | ITEM CODE<br>• <b>SKI-GD-FG-10-14-SAA</b>                                                                       |

| Optional Parts                                                                      |                                                                        |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------|
|    | ITEM CODE<br>• <b>SKI-GD-70-BT-3M-SAA</b><br>LENGTH<br>• <b>3000mm</b> |
|   | ITEM CODE<br>• <b>SKI-GD-70-EC-SSA</b>                                 |
|  | ITEM CODE<br>• <b>SKI-GD-70-FP-EC-SAA</b>                              |
|  | ITEM CODE<br>• <b>SKI-GD-WTB</b>                                       |

| Upper Track                      |         | Necessary Parts     |            |                                       |
|----------------------------------|---------|---------------------|------------|---------------------------------------|
| Mounting                         | Length  | Item Code           | Dimensions | Description                           |
| WALL & CEILING MOUNT             | 2000 mm | SKI-GD-70-2M SSA    | as above   | ● Material Aluminium ● Finish Alumite |
| WALL & CEILING MOUNT             | 2000 mm | SKI-GD-70-FP-2M SAA |            | ● Material Aluminium ● Finish Alumite |
| CEILING MOUNT WITH ONE FIX GLASS | 3000 mm | SKI-GD-70-FP-3M SAA |            | ● Material Aluminium ● Finish Alumite |



# FRAMELESS GLASS 110 KG SLIDING DOOR SYSTEM DUAL SOFT CLOSE

## SKI-GD-110H



|                             |                        |                    |
|-----------------------------|------------------------|--------------------|
| <b>Glass Door Weight</b>    | 110kgs /- panel        |                    |
| <b>Glass Door Thickness</b> | 10-12 mm in thickness, |                    |
| <b>Glass Width</b>          | 725 mm Min/Single      | 1020 mm Max/Double |
| <b>Height Adjustment</b>    | ± 2 mm                 |                    |
| <b>Durability</b>           | 100,000 cycles         |                    |

### ■ Features

- Latest technology with an attractive minimalist design.
- The system is quick and easy to install.
- Domestic and commercial applications
- It integrates seamlessly into any design.
- Conceals all of its sliding components within upper track,
- Pleasing aesthetic appearance,

### Installation possibilities



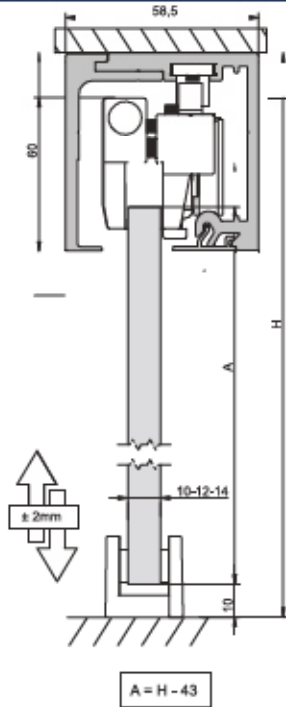
### Section type

Dimensions in mm

### Section type

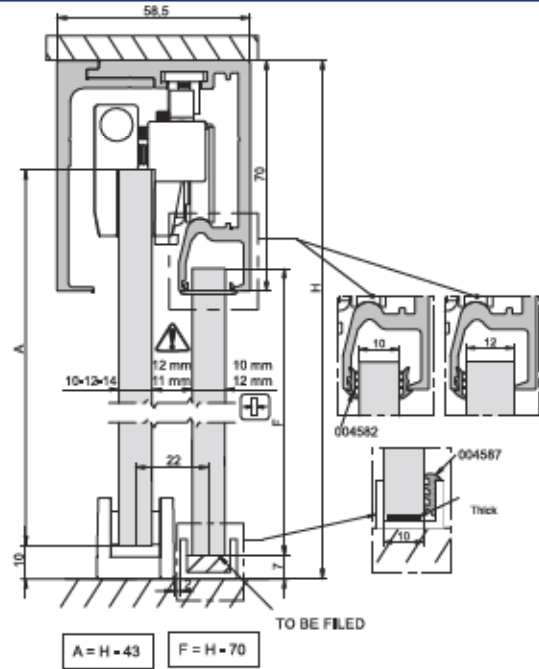
Dimensions in mm

### CEILING MOUNT



### CEILING MOUNT

### FIXED GLASS



### Parts Set (Per Door) Necessary Parts

|          | Item Code         | Description                                                                                                                               | Unit |
|----------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------|------|
| <b>a</b> | SKI-GD-110H-3M    | Frameless Glass 70Kg With Dual Soft Close<br>One Door Parts   Upper Track : 3000 mm   Wall / Ceiling Mount   (Alumite Finish)             | Set  |
| <b>b</b> | SKI-GD-110HFG-3M  | Frameless Glass 70Kg With Dual Soft Close<br>One Door Parts   Upper Track : 3000 mm   Wall / Ceiling Mount   (Alumite Finish)   Fix Panel | Set  |
| <b>c</b> | SKI-GD-110FCFG-3M | Frameless Glass 70Kg With Dual Soft Close<br>One Door Parts   Upper Track : 3000 mm   False/Ceiling Mount   (Alumite Finish)   Fix Panel  | Set  |
| <b>d</b> | SKI-GD-110FCFG-4M | Frameless Glass 70Kg With Dual Soft Close<br>One Door Parts   Upper Track : 4000 mm   False/Ceiling Mount   (Alumite Finish)   Fix Panel  | Set  |

|          | INDIVIDUAL ITEM CODE     | Description                               |
|----------|--------------------------|-------------------------------------------|
| <b>a</b> | <b>SKI-GD-110H-3M</b>    |                                           |
|          | SKI-GD-110-3M SAA        | Upper Track Wall / Ceiling Mount 3000mm   |
|          | SKI-GD-110-DSC           | Dual Soft Close 1 Door Parts Set          |
|          | SKI-GD-FG-10-14-SAA      | Floor Guide for 10-14mm Glass             |
|          | SKI-GD-110-EC-SAA        | End Caps Set - Plastic                    |
| <b>b</b> | <b>SKI-GD-110HFG-3M</b>  |                                           |
|          | SKI-GD-110-FP-3M SAA     | Upper Track Wall / Ceiling Mount 3000mm   |
|          | SKI-GD-110-DSC           | Dual Soft Close 1 Door Parts Set          |
|          | SKI-GD-FG-10-14-SAA      | Floor Guide for 10-14mm Glass             |
|          | SKI-GD-110-FP-EC-SAA     | End Caps Set - For Fix panel type plastic |
| <b>c</b> | <b>SKI-GD-110FCFG-3M</b> |                                           |
|          | SKI-GD-110-FP-3M SAA     | Upper Track Wall / Ceiling Mount 3000mm   |
|          | SKI-GD-110-DSC           | Dual Soft Close 1 Door Parts Set          |
|          | SKI-GD-FG-10-14-SAA      | Floor Guide for 10-14mm Glass             |
|          | SKI-GD-110-FP-EC-SAA     | End Caps Set - For Fix panel type plastic |
| <b>d</b> | <b>SKI-GD-110FCFG-4M</b> |                                           |
|          | SKI-GD-110-FC-FP-4M SAA  | Upper Track Wall / Ceiling Mount 4000mm   |
|          | SKI-GD-110-DSC           | Dual Soft Close 1 Door Parts Set          |
|          | SKI-GD-FG-10-14-SAA      | Floor Guide for 10-14mm Glass             |

|   |  |                                                                                   |
|---|--|-----------------------------------------------------------------------------------|
| 1 |  | ITEM CODE<br>• <b>SKI-GD-110-3M SAA</b>                                           |
|   |  | LENGTH<br>• <b>3000mm</b>                                                         |
| 2 |  | ITEM CODE<br>• <b>SKI-GD-110-FP-3M SAA</b>                                        |
|   |  | LENGTH<br>• <b>3000mm</b>                                                         |
| 3 |  | ITEM CODE<br>• <b>SKI-GD-110-FC-FP-3M SAA</b><br>• <b>SKI-GD-110-FC-FP-4M SAA</b> |
|   |  | LENGTH<br>• <b>3000mm / 4000mm</b>                                                |
| 4 |  | ITEM CODE<br>• <b>SKI-GD-110-DSC</b>                                              |
|   |  |                                                                                   |
| 5 |  | ITEM CODE<br>• <b>SKI-GD-FG-10-14-SAA</b>                                         |
|   |  |                                                                                   |

| Optional Parts |                                                                         |
|----------------|-------------------------------------------------------------------------|
|                | ITEM CODE<br>• <b>SKI-GD-110-BT-3M-SAA</b><br>LENGTH<br>• <b>3000mm</b> |
|                | ITEM CODE<br>• <b>SKI-GD-110-EC-SAA</b>                                 |
|                | ITEM CODE<br>• <b>SKI-GD-110-FP-EC-SAA</b>                              |
|                | ITEM CODE<br>• <b>PVC GASKET</b><br>LENGTH<br>• <b>1000mm</b>           |
|                | ITEM CODE<br>• <b>PVC GASKET</b><br>LENGTH<br>• <b>1000mm</b>           |

| Upper Track                            |         | Necessary Parts                |            |                                       |
|----------------------------------------|---------|--------------------------------|------------|---------------------------------------|
| Mounting                               | Length  | Item Code                      | Dimensions | Description                           |
| WALL & CEILING                         | 3000 mm | <b>SKI-GD-110-3M SAA</b>       | as above   | ● Material Aluminium ● Finish Alumite |
| WALL & CEILING WITH ONE FIX PANEL      | 3000 mm | <b>SKI-GD-110-FP-3M SAA</b>    |            | ● Material Aluminium ● Finish Alumite |
| FALSE CEILING MOUNT WITH ONE FIX GLASS | 3000 mm | <b>SKI-GD-110-FC-FP-3M-SAA</b> | as above   | ● Material Aluminium ● Finish Alumite |
| FALSE CEILING MOUNT WITH ONE FIX GLASS | 4000 mm | <b>SKI-GD-110-FC-FP-4M-SAA</b> |            | ● Material Aluminium ● Finish Alumite |



**SKI-GD-150HFG**

# FRAMELESS GLASS 150 KG SLIDING DOOR SYSTEM DUAL SOFT CLOSE

## SKI-GD-150HFG



|                             |                           |                    |
|-----------------------------|---------------------------|--------------------|
| <b>Glass Door Weight</b>    | 150kgs +/- panel          |                    |
| <b>Glass Door Thickness</b> | 10-12-14 mm in thickness, |                    |
| <b>Glass Width</b>          | 785 mm Min/Single         | 1080 mm Max/Double |
| <b>Height Adjustment</b>    | ±/- 2 mm                  |                    |
| <b>Durability</b>           | 100,000 cycles            |                    |

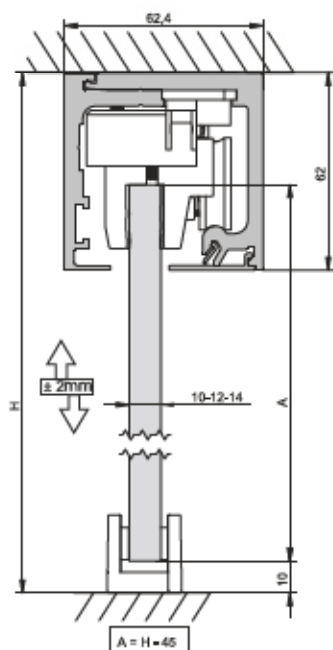
### ■ Features

- Compact sliding solution
- Conceals mechanisms in the guide
- Reduces the space between the panel and the wall to a minimum,
- It is easy to install, practical, immediate and with a very attractive design.
- In addition, it is designed to support large-sized panels of glass
- Allowing large areas to be opened up with elegance and sophistication.

### Installation possibilities

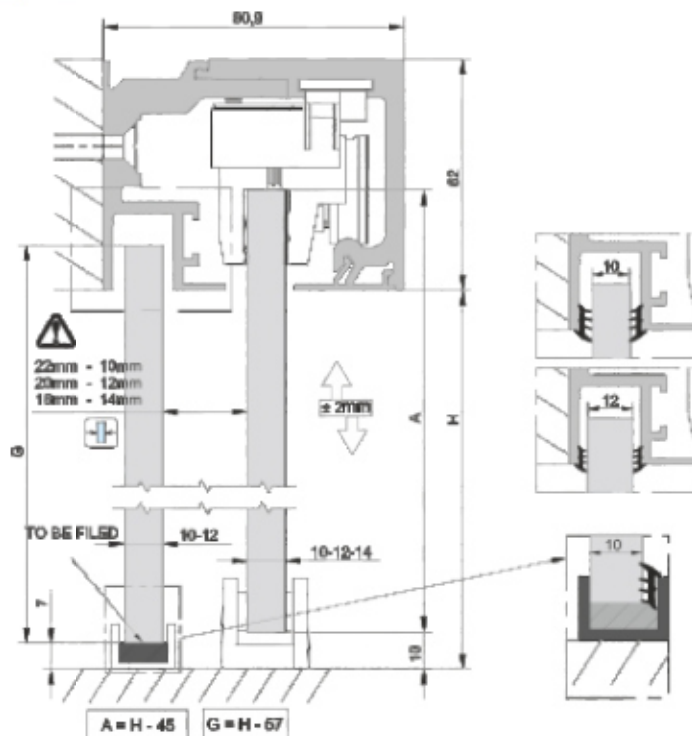


### CEILING MOUNT



### WALL MOUNT FIXED GLASS

### OPTION



### Parts Set (Per Door) Necessary Parts

|     | Item Code                | Description                                                                                                                                         | Unit |
|-----|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------|
| [a] | <b>SKI-GD-150HFG-4M</b>  | Frameless Glass 150Kg With Dual Soft Close<br>One Door Parts   Upper Track : 4000 mm   False /Ceiling Mount   With One Fix Panel   (Alumite Finish) | Set  |
| [b] | <b>SKI-GD-150FCFG-4M</b> | Frameless Glass 150Kg With Dual Soft Close<br>One Door Parts   Upper Track : 4000 mm   False /Ceiling Mount   With One Fix Panel   (Alumite Finish) | Set  |

|          | INDIVIDUAL ITEM CODE     | Description                                             |
|----------|--------------------------|---------------------------------------------------------|
| <b>a</b> | <b>SKI-GD-150HFG-4M</b>  |                                                         |
|          | SKI-GD-150FP-4M SAA      | Upper Track Wall / Ceiling Mount 4000mm With Fix Panel  |
|          | SKI-GD-150-DSC           | Dual Soft Close 1 Door Parts Set                        |
|          | SKI-GD-FG-10-14-SAA      | Floor Guide for 10-14mm Glass                           |
| <b>b</b> | <b>SKI-GD-150FCFG-4M</b> |                                                         |
|          | SKI-GD-150-FCFP-4M SAA   | Upper Track False / Ceiling Mount 4000mm With Fix Panel |
|          | SKI-GD-150-DSC           | Dual Soft Close 1 Door Parts Set                        |
|          | SKI-GD-FG-10-14-SAA      | Floor Guide for 10-14mm Glass                           |
|          | SKI-GD-110-FP-EC-SAA     | End Caps Set - Plastic                                  |
|          | SKI-GD-110-FP-EC-SAA     | End Caps Set - For Fix panel type plastic               |

|   |  |                                                                                                                  |
|---|--|------------------------------------------------------------------------------------------------------------------|
| 1 |  | ITEM CODE<br>• <b>SKI-GD-150-FP-3M SAA</b><br>LENGTH<br>• 3000mm                                                 |
| 2 |  | ITEM CODE<br>• <b>SKI-GD-110-FC-FP-3M SAA</b><br>• <b>SKI-GD-110-FC-FP-4M SAA</b><br>LENGTH<br>• 3000mm / 4000mm |
| 3 |  | ITEM CODE<br>• <b>SKI-GD-150-DSC</b>                                                                             |
| 4 |  | ITEM CODE<br>• <b>SKI-GD-FG-10-14-SAA</b>                                                                        |

| Optional Parts |                                                                  |
|----------------|------------------------------------------------------------------|
|                | ITEM CODE<br>• <b>SKI-GD-110-BT-3M-SAA</b><br>LENGTH<br>• 3000mm |
|                | ITEM CODE<br>• <b>SKI-GD-110-EC-SAA</b>                          |
|                | ITEM CODE<br>• <b>SKI-GD-110-FP-EC-SAA</b>                       |
|                | ITEM CODE<br>• <b>PVC GASKET</b><br>LENGTH<br>• 1000mm           |
|                | ITEM CODE<br>• <b>PVC GASKET</b><br>LENGTH<br>• 1000mm           |

| Upper Track    |         | Necessary Parts         |            |                                                                                                         |
|----------------|---------|-------------------------|------------|---------------------------------------------------------------------------------------------------------|
| Mounting       | Length  | Item Code               | Dimensions | Description                                                                                             |
| WALL & CEILING | 4000 mm | SKI-GD-150-FP-4M-SAA    | as above   | <div> <div>Material</div> <div>Aluminium</div> </div> <div> <div>Finish</div> <div>Alumite</div> </div> |
| FALSE CEILING  | 4000 mm | SKI-GD-150-FC-FP-4M-SAA | as above   | <div> <div>Material</div> <div>Aluminium</div> </div> <div> <div>Finish</div> <div>Alumite</div> </div> |



SKI-GD-100S

# FRAMELESS GLASS 110 KG SYNCHRO SLIDING DOOR SYSTEM - DUAL SOFT CLOSE

SKI-GD-110S



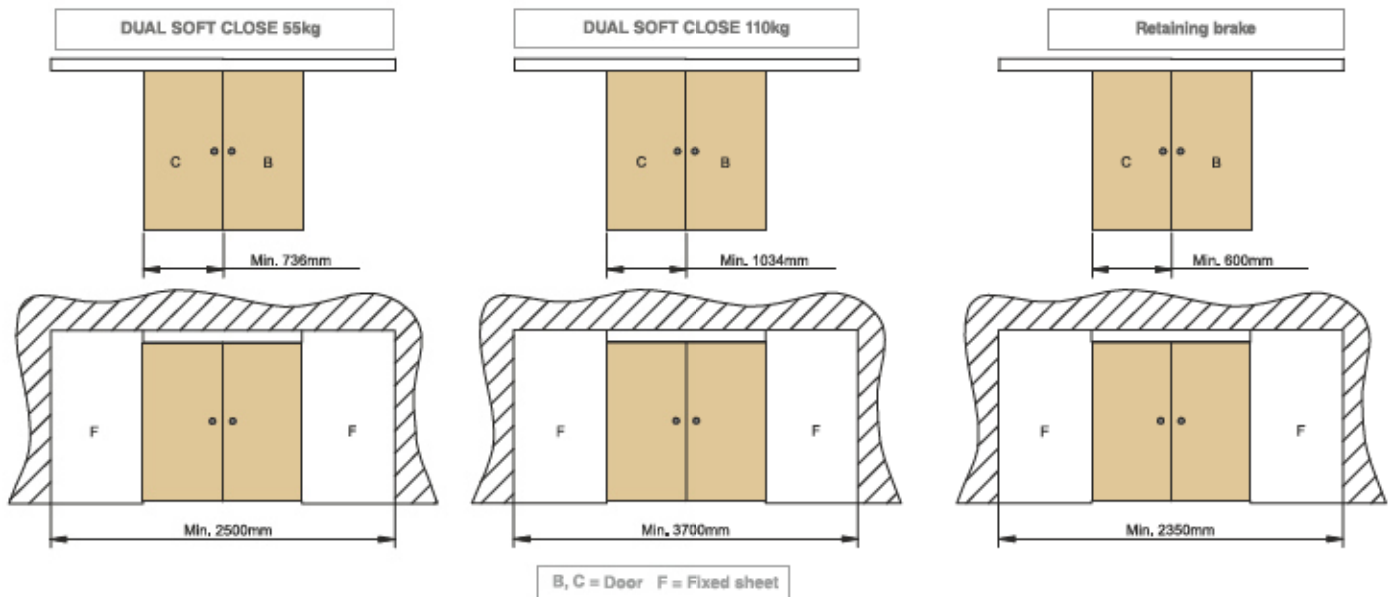
|                             |                          |                    |
|-----------------------------|--------------------------|--------------------|
| <b>Glass Door Weight</b>    | 110kgs (55 kg per panel) |                    |
| <b>Glass Door Thickness</b> | 10-12 mm in thickness,   |                    |
| <b>Glass Width</b>          | 736 mm Min/Single        | 1034 mm Max/Double |
| <b>Height Adjustment</b>    | ± 2 mm                   |                    |
| <b>Durability</b>           | 100,000 cycles           |                    |

## ■ Features

- The system is quick and easy to install.
- Domestic and commercial applications
- It integrates seamlessly into any design.
- Conceals all of its sliding components within upper track.
- Pleasing aesthetic appearance.
- Opens and close 2 sheet simultaneously synchronizes on both sides
- Possibility of installing 2 sheet of 110kg

## Assembly system

1

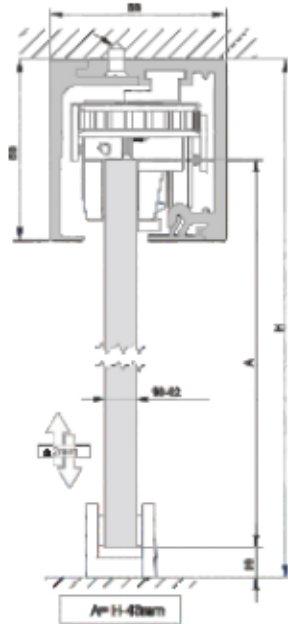


## Parts Set (Per Door)

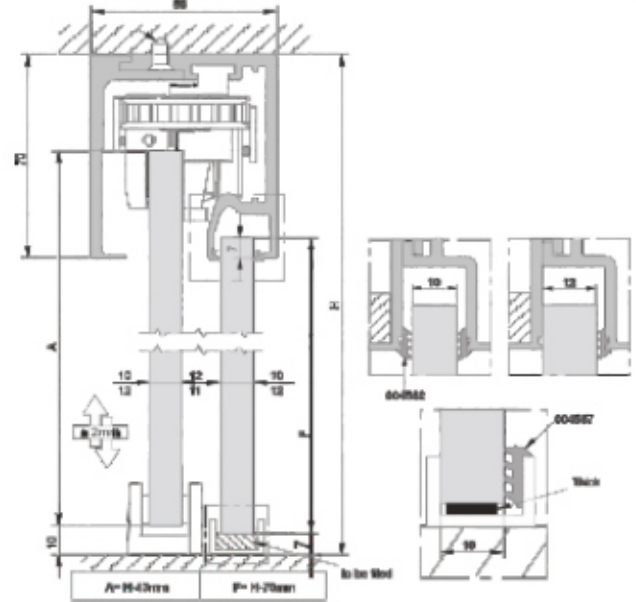
## Necessary Parts

|          | Item Code          | Description                                                                                                                                                           | Unit |
|----------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|
| <b>a</b> | SKI-GD-110S-3M     | Frameless Glass 110Kg <b>synchro</b> With Dual Soft Close<br>Two Fix Glass Door Parts   Upper Track : 3000 mm   Wall /Ceiling Mount   (Alumite Finish)                | Set  |
| <b>b</b> | SKI-GD-110SFG-4M   | Frameless Glass 110Kg <b>synchro</b> With Dual Soft Close &<br>Two Fix Glass Door Parts   Upper Track : 4000 mm   Wall /Ceiling Mount   (Alumite Finish)   Fix Panel  | Set  |
| <b>c</b> | SKI-GD-110SFCFG-4M | Frameless Glass 110Kg <b>synchro</b> With Dual Soft Close &<br>Two Fix Glass Door Parts   Upper Track : 4000 mm   False /Ceiling Mount   (Alumite Finish)   Fix Panel | Set  |

**CEILING MOUNT**



**CEILING MOUNT WITH FIXED GLASS**



| INDIVIDUAL ITEM CODE      | Description                                            | ITEM CODE                        |
|---------------------------|--------------------------------------------------------|----------------------------------|
| <b>SKI-GD-110S-3M</b>     |                                                        | <b>• SKI-GD-110-3M-SAA</b>       |
| SKI-GD-110-3M SAA         | Upper Track Wall / Ceiling Mount 3000mm                | LENGTH                           |
| SKI-GD-SYN-110-DSC        | Synchro Fitting Dual Soft Close Door Parts Set         | <b>• 3000mm</b>                  |
| SKI-GD-FG-10-14-SAA       | Floor Guide for 10-14mm Glass                          |                                  |
| SKI-GD-110-EC-SAA         | End Caps Set - Plastic                                 |                                  |
| <b>SKI-GD-110SFG-4M</b>   |                                                        |                                  |
| SKI-GD-110-FP-4M SAA      | Upper Track Wall / Ceiling Mount with Fix Panel 4000mm | <b>ITEM CODE</b>                 |
| SKI-GD-110-DSC            | Synchro Fitting Dual Soft Close Door Parts Set         | <b>• SKI-GD-110-FP-4M-SAA</b>    |
| SKI-GD-FG-10-14-SAA       | Floor Guide for 10-14mm Glass                          | LENGTH                           |
| SKI-GD-110-FP-EC-SAA      | End Caps Set - For Fix panel type plastic              | <b>• 4000mm</b>                  |
| <b>SKI-GD-110SFCFG-4M</b> |                                                        |                                  |
| SKI-GD-110-FC-FP-4M-SAA   | Upper Track False Ceiling Mount with Fix Panel 4000mm  | <b>ITEM CODE</b>                 |
| SKI-GD-SYN-110-DSC        | Synchro Fitting Dual Soft Close Door Parts Set         | <b>• SKI-GD-110-FC-FP-3M SAA</b> |
| SKI-GD-FG-10-14-SAA       | Floor Guide for 10-14mm Glass                          | <b>• SKI-GD-110-FC-FP-4M SAA</b> |
| SKI-GD-110-FP-EC-SAA      | End Caps Set - For Fix panel type plastic              | LENGTH                           |
|                           |                                                        | <b>• 3000mm / 4000mm</b>         |
|                           |                                                        |                                  |
|                           |                                                        | <b>ITEM CODE</b>                 |
|                           |                                                        | <b>• SKI-GD-110-DSC</b>          |
|                           |                                                        |                                  |
|                           |                                                        | <b>ITEM CODE</b>                 |
|                           |                                                        | <b>• SKI-GD-FG-10-14-SAA</b>     |

**Optional Parts**

|                                                                                                                                                        |                                                                                                                                 |                                                                                                                              |                                                                                                                                                |                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>ITEM CODE<br/>• SKI-GD-110-BT-3M-SAA<br/>LENGTH<br/>• 3000mm</p> |  <p>ITEM CODE<br/>• SKI-GD-110-FP-EC-SAA</p> |  <p>ITEM CODE<br/>• SKI-GD-110-EC-SAA</p> |  <p>ITEM CODE<br/>• PVC GASKET<br/>LENGTH<br/>• 1000mm</p> |  <p>ITEM CODE<br/>• PVC GASKET<br/>LENGTH<br/>• 1000mm</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|

**Upper Track Necessary Parts**

| Mounting       | Length  | Item Code               | Dimensions | Description                           |
|----------------|---------|-------------------------|------------|---------------------------------------|
| WALL & CEILING | 3000 mm | SKI-GD-110-3M SAA       | as above   | ● Material Aluminium ● Finish Alumite |
| WALL & CEILING | 4000 mm | SKI-GD-110-FP-4M SAA    |            | ● Material Aluminium ● Finish Alumite |
| FALSE CEILING  | 4000 mm | SKI-GD-110-FC-FP-4M-SAA |            | ● Material Aluminium ● Finish Alumite |



**SKI-GD-110TFC**



**LAMP.**

| INDIVIDUAL ITEM CODE     | Description                                       |
|--------------------------|---------------------------------------------------|
| <b>SKI-GD-110TFG-4M</b>  |                                                   |
| SKI-GD-HRP-110-10-4M-SAA | Upper track for 12mm glass with one fix panel     |
| SKI-GD-HRP-110-DSC       | Telescopic fitting dual soft close door parts set |
| SKI-GD-FG-HRP-SAA        | Floor guide for 10-14mm glass                     |

|   |                                                                                     |                                                |
|---|-------------------------------------------------------------------------------------|------------------------------------------------|
| 1 |   | ITEM CODE<br>• <b>SKI-GD-HRP-110-10-4M-SAA</b> |
|   |                                                                                     | LENGTH<br>• <b>4000mm</b>                      |
| 2 |   | ITEM CODE<br>• <b>SKI-GD-HRP-110-DSC</b>       |
|   |                                                                                     |                                                |
| 3 |  | ITEM CODE<br>• <b>SKI-GD-FG-10-14-SAA</b>      |

| Optional Parts                                                                      |                                                                         |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
|    | ITEM CODE<br>• <b>SKI-GD-110-BT-3M-SAA</b><br>LENGTH<br>• <b>3000mm</b> |
|    | ITEM CODE<br>• <b>SKI-GD-110-EC-SAA</b>                                 |
|   | ITEM CODE<br>• <b>SKI-GD-110-FP-EC-SAA</b>                              |
|  | ITEM CODE<br>• <b>PVC GASKET</b><br>LENGTH<br>• <b>1000mm</b>           |
|  | ITEM CODE<br>• <b>PVC GASKET</b><br>LENGTH<br>• <b>1000mm</b>           |

| Upper Track               |                | Necessary Parts                 |                 |                                                                                                |
|---------------------------|----------------|---------------------------------|-----------------|------------------------------------------------------------------------------------------------|
| Mounting                  | Length         | Item Code                       | Dimensions      | Description                                                                                    |
| <b>WALL &amp; CEILING</b> | <b>4000 mm</b> | <b>SKI-GD-HRP-110-10-4M SAA</b> | <b>as above</b> | <div> <div>● Material</div> <div>Aluminium</div> <div>● Finish</div> <div>Alumite</div> </div> |

# SELF CLOSING SLIDE DOOR SYSTEM

L=R

STEEL

LM-80G

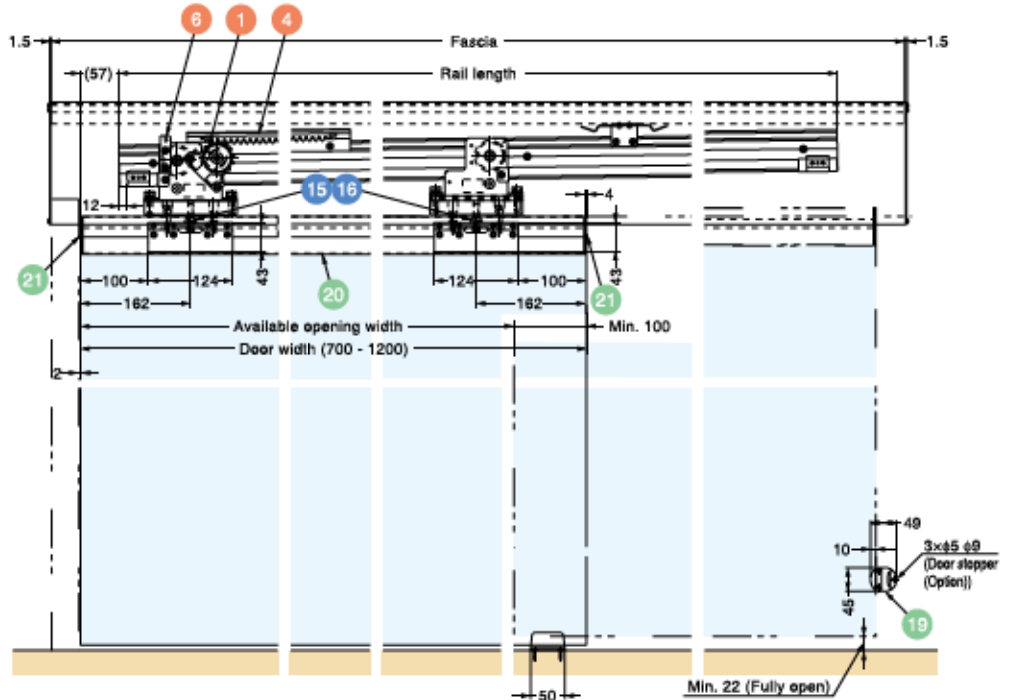
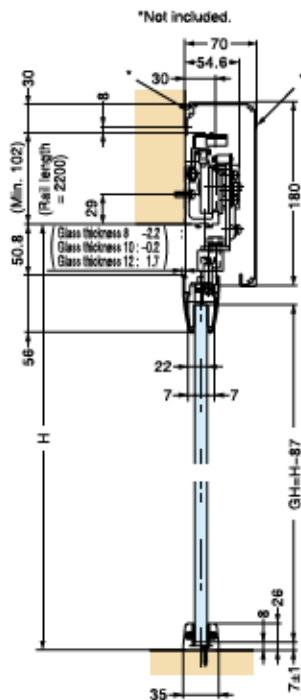
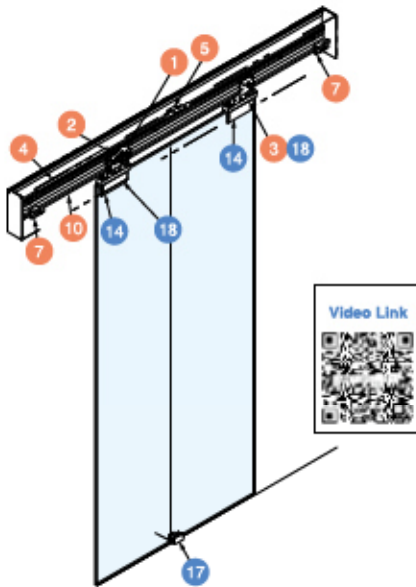
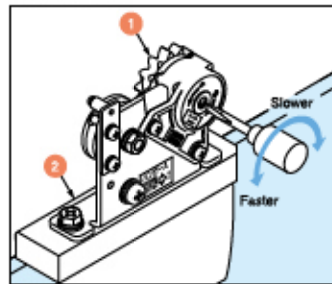


|                |                                              |
|----------------|----------------------------------------------|
| Door Weight    | 30-80 kg/Door                                |
| Door Thickness | 8-12 mm                                      |
| Door Width     | 700-1200 mm                                  |
| Door Travel    | Max. 1100 mm (In Case of Door Width 1200 mm) |

## Features

- Self closing slide door system for glass. No electricity required..
- Built-in damper makes closing soft and quiet, preventing slamming or injury.
- Non-handed.
- Door has smooth operation and feels light, making it easy for young children and the elderly to use the door.
- Door catch holds door in fully open position.
- No pre-drilled holes on glass needed for installation.
- Damping speed adjustable for ideal soft-closing.

## Speed Adjustment



| Parts Set (Per Door) | Necessary Parts |
|----------------------|-----------------|
| Item Code            | Item Name       |
| 250-010-613          | LM-80           |

Parts Included

| No. | Qty                              | Part Name                | Dimensions | Description                                                                                 |
|-----|----------------------------------|--------------------------|------------|---------------------------------------------------------------------------------------------|
| 1   | 1 pc                             | Damper                   |            | Item Code : 280-188-561<br>Item No. SC-C08<br>• Material Polyacetal (POM)<br>• Colour Black |
| 2   | 1 pc                             | Roller A                 |            | • Material Steel / Polyacetal (POM)<br>• Finish Yellow Zinc Chromate / White                |
| 3   | 1 pc                             | Roller B                 |            | • Material Steel / Polyacetal (POM)<br>• Finish Yellow Zinc Chromate / White                |
| 4   | 1 pc                             | Gear Rack                |            | Item Code : 280-188-560<br>Item No. SC-C07<br>• Material Aluminum Alloy<br>• Finish Plain   |
| 5   | 1 pc                             | Spring                   |            | • Material Steel<br>• Finish Yellow Zinc Chromate / Plain                                   |
| 6   | 1 pc                             | Stopper Roller           |            | • Material Steel<br>• Finish Yellow Zinc Chromate                                           |
| 7   | 2 pcs                            | Door Stopper             |            | • Material Stainless Steel                                                                  |
| 8   | 2 pcs                            | Stopper Plate            |            | • Material Steel<br>• Finish Yellow Zinc Chromate                                           |
| 9   | 15 pcs<br>t=1:<br>t=0.5:<br>1 pc | Height Adjustment Spacer |            | • Material Steel<br>• Finish Plain                                                          |
| 10  | 1 pc                             | Upper Rail (2200 mm)     |            | • Material Aluminum Alloy<br>• Finish Anodized Silver                                       |
| 11  | 2 pcs                            | Roller Bracket           |            | • Material Steel<br>• Finish Chromate                                                       |
| 12  | 1 pc                             | Bottom Roller Guide      |            | • Material Stainless Steel / Polyacetal (POM)                                               |
| 13  | 2 pcs                            | Anchor 6x30              | -          | • Material Polyamide (PA)<br>• Colour Grey                                                  |

\*Do not use 11 - 13 for LM-80G.

| No. | Qty   | Item Code   | Part Name       | Dimensions | Description                                            |
|-----|-------|-------------|-----------------|------------|--------------------------------------------------------|
| 14  | 2 pcs | 250-026-559 | Glass Bracket   |            | • Material Aluminium Alloy<br>• Finish Plain           |
| 15  | 2 pcs | 250-018-564 | Hanger Bolt     |            | • Material Steel<br>• Finish Chromate                  |
| 16  | 2 pcs | 250-018-670 | Nut             |            | • Material Steel<br>• Finish Chromate                  |
| 17  | 1 pc  | 250-120-617 | Bottom Guide    |            | • Material Zinc Alloy (ZDC)<br>• Finish Matte Chromate |
| 18  | 2 pcs | 250-014-969 | Hanging Bracket | -          | • Material Aluminium Alloy<br>• Finish Plain           |

Optional Parts

| No. | Item Code   | Part Name     | Dimensions | Description                                                                                                           |
|-----|-------------|---------------|------------|-----------------------------------------------------------------------------------------------------------------------|
| 19  | 280-189-066 | Door Stopper  |            | • Material Zinc Alloy (ZDC) / Rubber<br>• Finish Statin Chrome (Including Countersunk Head Wood Screw 4.1 x 32 3 pcs) |
| 20  | 250-120-817 | Bracket Cover |            | • Material Aluminium Alloy<br>• Finish Anodized Silver                                                                |
| 21  | 250-120-799 | End Cap Set   |            | • Material Polyacetal (POM)<br>• Colour Black / Light Grey                                                            |

## HANDLES FOR GLASS SLIDING DOORS



### SIM B93

- Small handle for sliding doors.

| Material            | Finish |
|---------------------|--------|
| 304 Stainless Steel | Satin  |

| Item Code | Item Name | A | Weight | Box | Carton |
|-----------|-----------|---|--------|-----|--------|
|           | SIM B93   |   |        |     |        |



### SIM 5B01

- Sliding door ring  
ø 40mm.

| Material            | Finish |
|---------------------|--------|
| 304 Stainless Steel | Satin  |

| Item Code | Item Name | A | Weight | Box | Carton |
|-----------|-----------|---|--------|-----|--------|
|           | SIM 5B01  |   |        |     |        |



### SIM 5B05

- Small handle for sliding door.

| Item Code | Item Name | A | Weight | Box | Carton |
|-----------|-----------|---|--------|-----|--------|
|           | SIM 5B05  |   |        |     |        |



### SIM 5BN0

- Neuscorre handle.

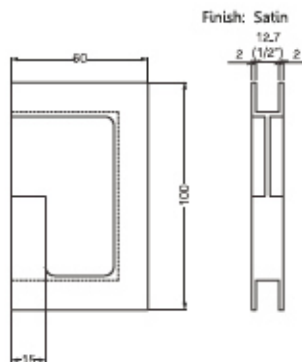
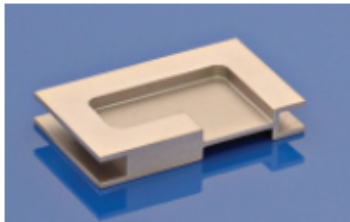
| Item Code | Item Name | A | Weight | Box | Carton |
|-----------|-----------|---|--------|-----|--------|
|           | SIM 5BN0  |   |        |     |        |

## HANDLES FOR GLASS SLIDING DOORS

### SIDSI-4252-C-12

- Sliding Door Handle

STAINLESS  
304  
STEEL



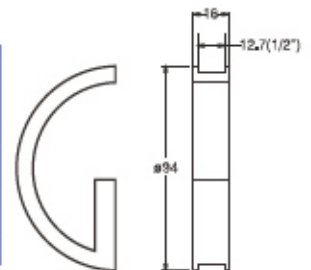
Finish: Satin

| Item No           |
|-------------------|
| 1 SIDSI-4252-C-12 |

### SIDSI-5250-12

- Sliding Door Handle

STAINLESS  
304  
STEEL



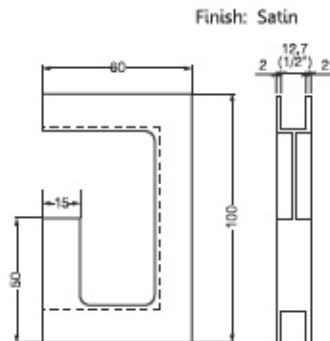
Finish: Satin

| Item No         |
|-----------------|
| 3 SIDSI-5250-12 |

### SIDSI-4252-12

- Sliding Door Handle

STAINLESS  
304  
STEEL



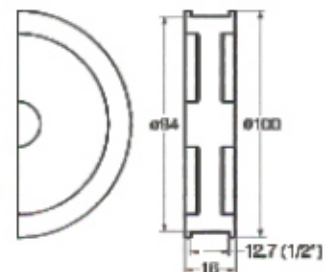
Finish: Satin

| Item No         |
|-----------------|
| 2 SIDSI-4252-12 |

### SIDSI-3250-12

- Sliding Door Handle

STAINLESS  
304  
STEEL



Finish: Satin

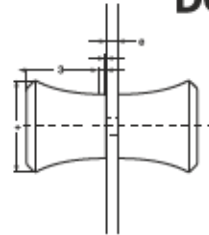
| Item No         |
|-----------------|
| 4 SIDSI-3250-12 |

# HANDLES FOR GLASS SLIDING DOORS



Finish: Satin Chrome (SC)  
Chrome (CR)

## DG-BT2

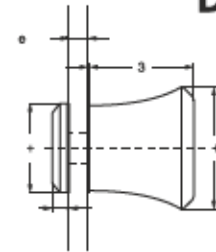


| Item No.       | D               | L    | Glass Thickness (mm) |
|----------------|-----------------|------|----------------------|
| 1 DG-BT2/30-CR | 32<br>(1-1/4")  | 23,5 | 8~12<br>(5/16"-1/2") |
| 2 DG-BT2/30-SC |                 |      |                      |
| 3 DG-BT2/40-CR | 40<br>(1-9/16") | 34,5 |                      |
| 4 DG-BT2/40-SC |                 |      |                      |



Finish: Satin Chrome (SC)  
Chrome (CR)

## DG-BT

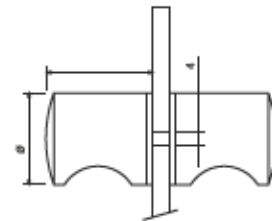


| Item No.     | D               | D <sub>1</sub> | L    | Glass Thickness (mm) |
|--------------|-----------------|----------------|------|----------------------|
| 5 DG-BT30-CR | 32<br>(1-1/4")  | 23,5           | 26,5 | 8~12<br>(5/16"-1/2") |
| 6 DG-BT30-SC |                 |                |      |                      |
| 7 DG-BT40-CR | 40<br>(1-9/16") | 26             | 34,5 |                      |
| 8 DG-BT40-SC |                 |                |      |                      |



Finish: Satin (S)

## DSI-126D

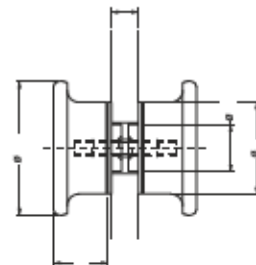


| Item No.   | L  | D  | Glass Thickness (mm) |
|------------|----|----|----------------------|
| 9 DSI-126D | 35 | 30 | 8~12 (5/16"-1/2")    |



Finish: Chrome (CR)

## GT-40CR



| Item No.   | D    | H  | Glass Thickness (mm) |
|------------|------|----|----------------------|
| 10 GT-40CR | 39,5 | 16 | 8~10 (5/16"-3/8")    |

## ALUMINIUM FRAME SLIDING DOOR SYSTEM

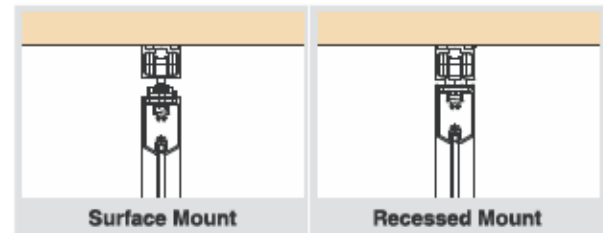
## FD80-AF STANDARD BLACK



|                   | a                  | b                | c                  | d                |
|-------------------|--------------------|------------------|--------------------|------------------|
|                   | Two-Way Soft Close | Standard Sliding | Two-Way Soft Close | Standard Sliding |
| Roller            | Recessed Mount     | Recessed Mount   | Surface Mount      | Surface Mount    |
| Door Weight       | Max. 80 kg/Door    |                  |                    |                  |
| Glass Thickness   | 5 or 6 mm          |                  |                    |                  |
| Door Width        | 784 - 1500 mm      | Max. 1500 mm     | 804 - 1500 mm      | Max. 1500 mm     |
| Door Height       | Max. 3000 mm       |                  |                    |                  |
| Height Adjustment | ±1/±4 mm           |                  | ±4 mm              |                  |

### Features

- Two-way soft closer option available.
- Surface or recessed mount roller available.
- Thick aluminium profile provides excellent rigidity preventing door flex.
- Ball bearing roller provides ultra smooth movement.
- Easy assembly and installation.
- Intermediate support not needed when door size within H 2200 mm x W 900 mm.
- No rail on floor needed.
- Swing door version available for total coordination (P.7103).
- Black frame available by special order.



\* Intermediate support required when either door height or door width exceeds standard size. Pictures shown below are door size examples which require intermediate support.



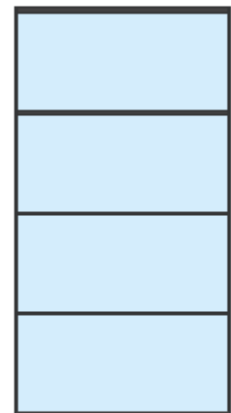
Standard Size [No support required.]  
(Smaller than H 2200 x W 900)



1 Support  
(Smaller than H 2000 x W 1600)



2 Supports  
(Smaller than H 2200 x W 1500)



3 Supports  
(Smaller than H 2500 x W 1300)



## ALUMINIUM FRAME SLIDING DOOR SYSTEM

## FD80-AF STANDARD SILVER

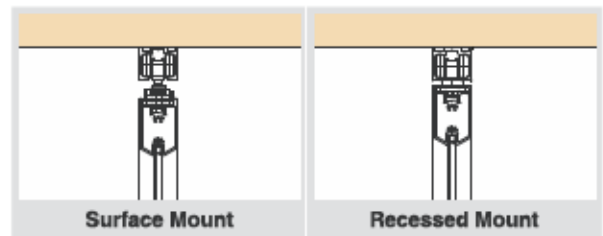


|                   | a                  | b                | c                  | d                |
|-------------------|--------------------|------------------|--------------------|------------------|
|                   | Two-Way Soft Close | Standard Sliding | Two-Way Soft Close | Standard Sliding |
| Roller            | Recessed Mount     | Recessed Mount   | Surface Mount      | Surface Mount    |
| Door Weight       | Max. 80 kg/Door    |                  |                    |                  |
| Glass Thickness   | 5 or 6 mm          |                  |                    |                  |
| Door Width        | 784 - 1500 mm      | Max. 1500 mm     | 804 - 1500 mm      | Max. 1500 mm     |
| Door Height       | Max. 3000 mm       |                  |                    |                  |
| Height Adjustment | -1/+4 mm           |                  | ±4 mm              |                  |

### Features

- Two-way soft closer option available.
- Surface or recessed mount roller available.
- Thick aluminium profile provides excellent rigidity preventing door flex.
- Ball bearing roller provides ultra smooth movement.
- Easy assembly and installation.
- Intermediate support not needed when door size within H 2200 mm x W 900 mm.
- No rail on floor needed.
- Swing door version available for total coordination (P.710).
- Black frame available by special order.

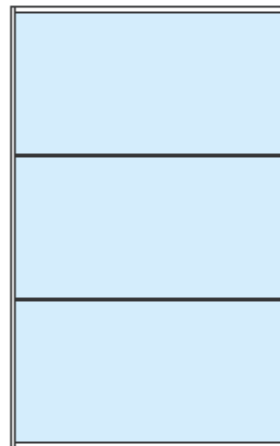
\* Intermediate support required when either door height or door width exceeds standard size. Pictures shown below are door size examples which require intermediate support.



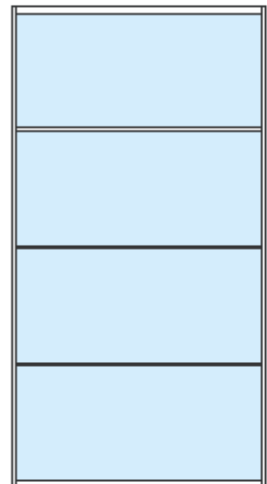
Standard Size [No support required.]  
(Smaller than H 2200 x W 900)



1 Support  
(Smaller than H 2000 x W 1600)



2 Supports  
(Smaller than H 2200 x W 1500)



3 Supports  
(Smaller than H 2500 x W 1300)

## Parts Set (Per Door)

### Necessary Parts

Please refer to "Qty" a - d "for parts included in each set."

|   | Item Code   | Item Name     | Description                              |
|---|-------------|---------------|------------------------------------------|
| a | 250-022-257 | FD80-DHCHP-AF | Recessed Mount Roller Two Way Soft-Close |
| b | 250-022-258 | FD80-HHP-AF   | Recessed Mount Roller Standard Sliding   |
| c | 250-022-259 | FD80-DHCMP-AF | Surface Mount Roller Two Way Soft-Close  |
| d | 250-022-260 | FD80-HMP-AF   | Surface Mount Roller Standard Sliding    |

#### Parts Included

| No. | Qty  |   |   |   | Part Name                            | Dimensions | Description |
|-----|------|---|---|---|--------------------------------------|------------|-------------|
|     | a    | b | c | d |                                      |            |             |
| 1   | 1 pc | - | - | - | Recessed Mount Soft-Closer (Two-Way) |            |             |

## Aluminium Frame Parts

### For One Door

| No. | Item Code                | Part Name                                                  | Dimensions                                                                                                            | Description                                  |
|-----|--------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 8   | 250-940-965              | Vertical Frame L : 2500 mm                                 |                                                                                                                       | ●Material Aluminium<br>●Finish Matte Silver  |
| 9   | AF-25-W01-2.5M           |                                                            |                                                                                                                       |                                              |
| 10  | 250-121-116              | Vertical Frame L : 3000 mm                                 |                                                                                                                       | ●Material Aluminium<br>●Finish Matte Silver  |
| 11  | AF-25-W01-3M             |                                                            |                                                                                                                       |                                              |
| 12  | 250-120-070              | Horizontal Frame L : 2000 mm                               |                                                                                                                       | ●Material Aluminium<br>●Finish Matte Silver  |
| 13  | AF-25-W02                |                                                            |                                                                                                                       |                                              |
| 14  | 250-940-967              | Intermediate Support L : 2000 mm                           |                                                                                                                       | ●Material Aluminium<br>●Finish Matte Silver  |
| 15  | AF-25-W03 (Optional)     |                                                            |                                                                                                                       |                                              |
| 16  | 250-120-056              | Corner Parts ※(a)(b) : 2 pcs, (c)(d) : 4 pcs               |                                                                                                                       | ●Material Zinc Alloy<br>●Finish Matte Chrome |
| 17  | AF-25-P04                |                                                            |                                                                                                                       |                                              |
| 18  | 250-940-960              | Gasket For 5 mm Glass L : 2500 mm                          |                                                                                                                       | ●Material Elastomer<br>●Finish Light Grey    |
| 19  | AF-25-P02                |                                                            |                                                                                                                       |                                              |
| 20  | 250-181-197              | Gasket For 6 mm Glass L : 3000 mm                          |                                                                                                                       | ●Material Elastomer<br>●Finish Light Grey    |
| 21  | AF-25-P15                |                                                            |                                                                                                                       |                                              |
| 22  | 250-940-961              | Gasket For Intermediate Support For 5 mm Glass L : 2500 mm |                                                                                                                       | ●Material Elastomer<br>●Finish Light Grey    |
| 23  | AF-25-P03 (Optional)     |                                                            |                                                                                                                       |                                              |
| 24  | 250-181-196              | Gasket For Intermediate Support For 6 mm Glass L : 2500 mm |                                                                                                                       | ●Material Elastomer<br>●Finish Light Grey    |
| 25  | AF-25-P16 (Optional)     |                                                            |                                                                                                                       |                                              |
| 26  | 270-940-959              | Edge Cover L : 2500 mm                                     |                                                                                                                       | ●Material Elastomer<br>●Finish Light Grey    |
| 27  | AF-25-P01-25             |                                                            |                                                                                                                       |                                              |
| 28  | 100-010-386              | Handle                                                     |                                                                                                                       | ●Material Zinc Alloy<br>●Finish Matte Chrome |
| 29  | MN799Z160E101 (Optional) |                                                            |                                                                                                                       |                                              |
| 30  | 250-181-199              | Screw Set                                                  | M6X30 Hex. Bolt : 8 pcs<br>M4X30 Hex. Bolt : 8 pcs<br>(For Intermediate Support) : 6 pcs<br>M4X25 Allen Screw : 8 pcs | ●Material SUS 304<br>●Finish Plain           |
| 31  | AF-25-HS                 |                                                            |                                                                                                                       |                                              |

## Upper Track Necessary Parts

| Mounting      | Length  | Item Code      | Dimensions | Description                                    |
|---------------|---------|----------------|------------|------------------------------------------------|
| Surface Mount | 2000 mm | 250-022-244    |            | ●Material Aluminium<br>●Finish Anodized Silver |
|               |         | FD80-TRM2000SL |            |                                                |
|               | 2730 mm | 250-022-246    |            | ●Material Aluminium<br>●Finish Anodized Silver |
|               |         | FD80-TRM2730SL |            |                                                |
|               | 3640 mm | 250-022-248    |            | ●Material Aluminium<br>●Finish Anodized Silver |
|               |         | FD80-TRM3640SL |            |                                                |

## ALUMINIUM FRAME SLIDING DOOR SYSTEM

## FD80-AF SLEEK BLACK

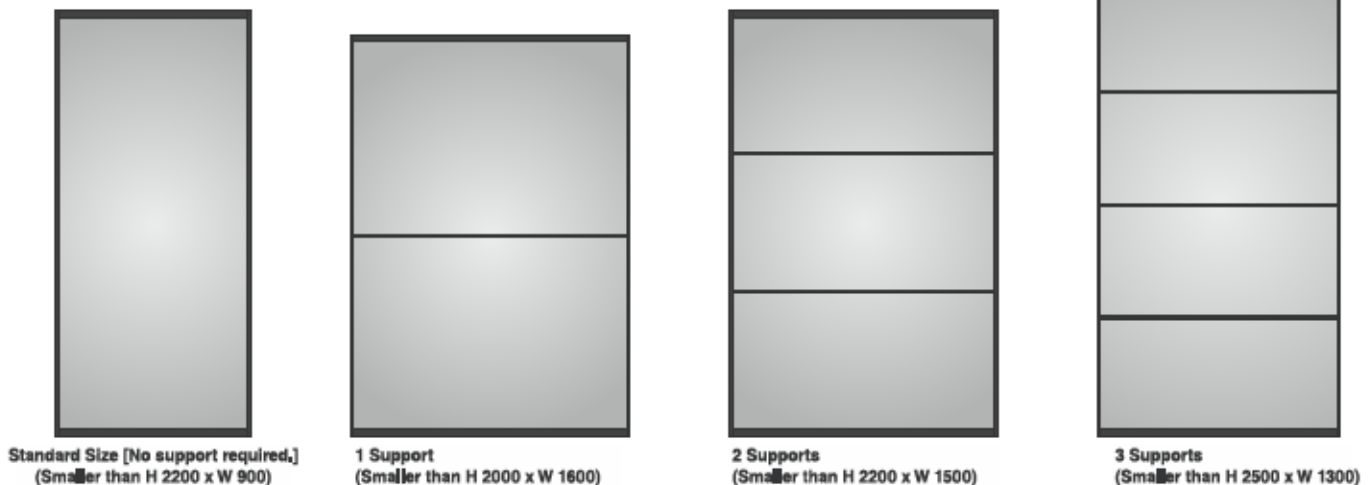
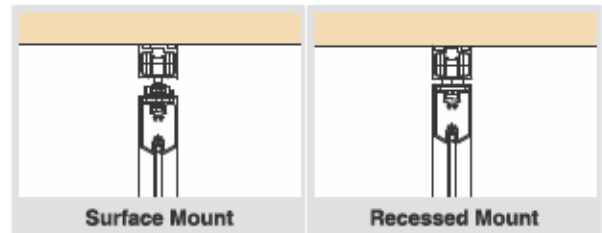


|                   | <b>a</b>           | <b>b</b>         | <b>c</b>           | <b>d</b>         |
|-------------------|--------------------|------------------|--------------------|------------------|
|                   | Two-Way Soft Close | Standard Sliding | Two-Way Soft Close | Standard Sliding |
| Roller            | Recessed Mount     | Recessed Mount   | Surface Mount      | Surface Mount    |
| Door Weight       | Max. 80 kg/Door    |                  |                    |                  |
| Glass Thickness   | 5 or 6 mm          |                  |                    |                  |
| Door Width        | 784 - 1500 mm      | Max. 1500 mm     | 804 - 1500 mm      | Max. 1500 mm     |
| Door Height       | Max. 3000 mm       |                  |                    |                  |
| Height Adjustment | -1/+4 mm           |                  | ±4 mm              |                  |

### Features

- Two-way soft closer option available.
- Surface or recessed mount roller available.
- Thick aluminium profile provides excellent rigidity preventing door flex.
- Ball bearing roller provides ultra smooth movement.
- Easy assembly and installation.
- Intermediate support not needed when door size within H 2200 mm x W 900 mm.
- No rail on floor needed.
- Swing door version available for total coordination (P.710).
- Black frame available by special order.

\* Intermediate support required when either door height or door width exceeds standard size. Pictures shown below are door size examples which require intermediate support.





# ALUMINIUM FRAME SLIDING DOOR SYSTEM

# FD80-AF SLEEK SILVER

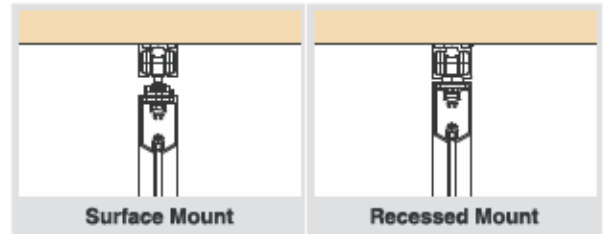


|                   | a                  | b                | c                  | d                |
|-------------------|--------------------|------------------|--------------------|------------------|
|                   | Two-Way Soft Close | Standard Sliding | Two-Way Soft Close | Standard Sliding |
| Roller            | Recessed Mount     | Recessed Mount   | Surface Mount      | Surface Mount    |
| Door Weight       | Max. 80 kg/Door    |                  |                    |                  |
| Glass Thickness   | 5 or 6 mm          |                  |                    |                  |
| Door Width        | 784 - 1500 mm      | Max. 1500 mm     | 804 - 1500 mm      | Max. 1500 mm     |
| Door Height       | Max. 3000 mm       |                  |                    |                  |
| Height Adjustment | ±1/±4 mm           |                  | ±4 mm              |                  |

## Features

- Two-way soft closer option available.
- Surface or recessed mount roller available.
- Thick aluminium profile provides excellent rigidity preventing door flex.
- Ball bearing roller provides ultra smooth movement.
- Easy assembly and installation.
- Intermediate support not needed when door size within H 2200 mm x W 900 mm.
- No rail on floor needed.
- Swing door version available for total coordination (P.7103).
- Black frame available by special order.

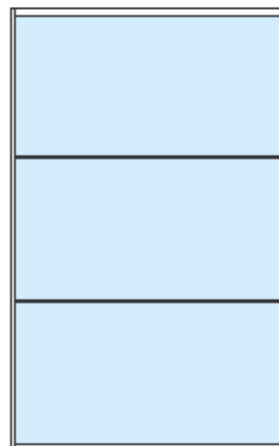
\* Intermediate support required when either door height or door width exceeds standard size. Pictures shown below are door size examples which require intermediate support.



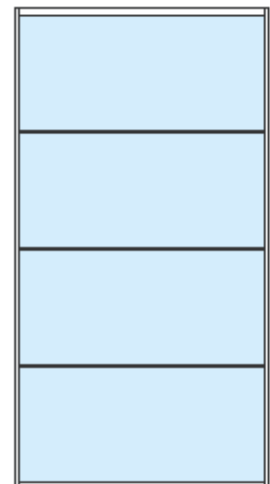
Standard Size [No support required.]  
(Smaller than H 2200 x W 900)



1 Support  
(Smaller than H 2000 x W 1600)



2 Supports  
(Smaller than H 2200 x W 1500)



3 Supports  
(Smaller than H 2500 x W 1300)



## AF-25D STANDARD SILVER



|                        |                                                                       |
|------------------------|-----------------------------------------------------------------------|
| <b>Door Weight</b>     | <b>Max. 40 kg (including parts weight)</b>                            |
| <b>Glass Thickness</b> | <b>5, 6 mm</b>                                                        |
| <b>Door Width</b>      | <b>Max. 900 mm<br/>(Max. 1000 mm for using intermediate support)</b>  |
| <b>Door Height</b>     | <b>Max. 2200 mm<br/>(Max. 3000 mm for using intermediate support)</b> |

## ■ Features

- Aluminium profile provides excellent rigidity preventing door flex.
- FD80-AF (Sliding door version) is available (P.688).
- Vertically and laterally adjustable even after door installation.

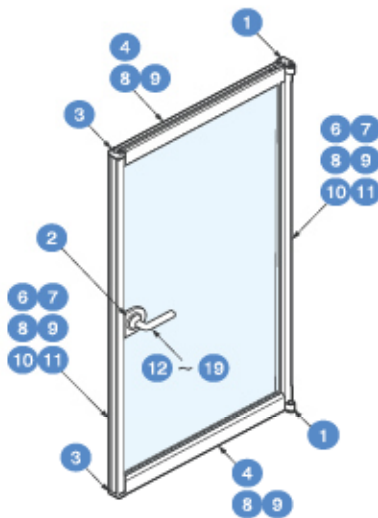
#### Remarks

- Intermediate support not needed when door size is within H2200 mm x W900 mm. Please refer to below "necessary intermediate support quantity".
- Please use stopper parts & door stopper.

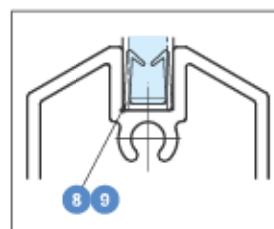
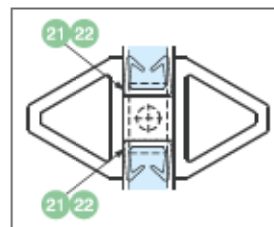
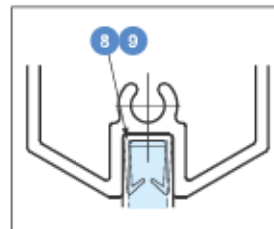
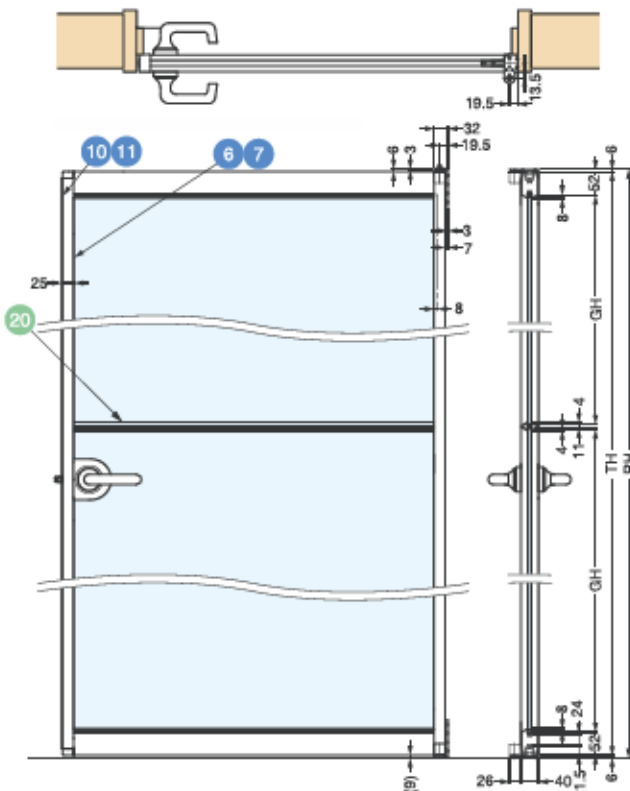
### ■ Necessary Intermediate Support Quantity

Intermediate support required when either door height or door width exceeds standard size. Pictures shown below are door size examples which require intermediate support. Glass thickness : 5 mm, Door weight : 70 kg

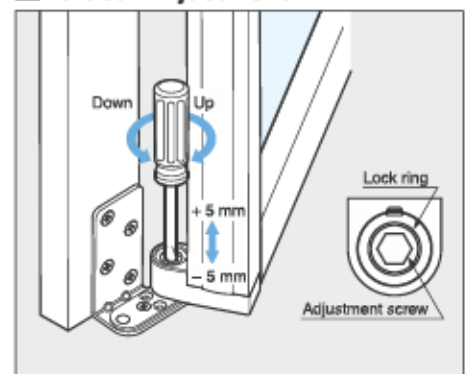
|              |                                                                                   |                                                                                    |                                                                                     |                                                                                     |
|--------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Support Qty. |  |  |  |  |
|              | No Need Any Support                                                               | 2 Supports                                                                         | 3 Supports                                                                          | 4 Supports                                                                          |
| Door Size    | W900 × H2200                                                                      | Less than W800 × H2500                                                             | Less than W750 × H2700                                                              | Less than W700 × H3000                                                              |



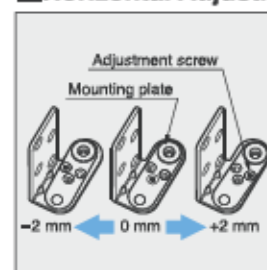
### ■ Installation (Glass door with one intermediate support)



### ■ Vertical Adjustment



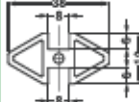
### ■ Horizontal Adjustment



| No.         | Part Name        | Item Code     | Type                         | Qty. Per One Door                                    | Dimensions                                                                                                                                                  | Description                                                                |
|-------------|------------------|---------------|------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| <b>(1)</b>  | Pivot Hinge      | 170-121-109   | Non-Handed                   | 1 set                                                |                                                                                                                                                             | ●Material<br>Zinc Alloy / SUS304<br>●Finish<br>Matt Chrome / Plain         |
|             |                  | AF-25-P10     |                              |                                                      |                                                                                                                                                             |                                                                            |
| <b>(2)</b>  | Handle Case      | 260-120-076   |                              | 1 set                                                |                                                                                                                                                             | ●Material Zinc Alloy<br>●Finish Matt Silver (Cover)<br>●Nickel Matt Silver |
|             |                  | AF-25-P06     |                              |                                                      |                                                                                                                                                             |                                                                            |
| <b>(3)</b>  | Connector        | 250-120-056   |                              | 2 pcs                                                |                                                                                                                                                             | ●Material Zinc Alloy<br>●Finish Matt Chrome                                |
|             |                  | AF-25-P04     |                              |                                                      |                                                                                                                                                             |                                                                            |
| <b>(4)</b>  | Horizontal Frame | 250-120-070   |                              | 1 pc                                                 |                                                                                                                                                             | ●Material Aluminium Alloy<br>●Finish Matt Silver                           |
|             |                  | AF-25-W02     |                              |                                                      |                                                                                                                                                             |                                                                            |
| <b>(5)</b>  | Screws Set       | 250-181-198   |                              | 1 set                                                | M6×30 Hex. Bolt : 8 pcs<br>M4×30 Hex. Bolt (For Intermediate Support) : 6 pcs<br>M4×25 Allen Screw : 12 pcs<br>M5×30 Countersunk Head Tapping Screw : 8 pcs | ●Material Stainless Steel<br>●Finish Plain                                 |
|             |                  | AF-25-D5      |                              |                                                      |                                                                                                                                                             |                                                                            |
| <b>(6)</b>  | Vertical Frame   | 250-940-965   | 2500 mm                      | 2 pcs                                                |                                                                                                                                                             | ●Material Aluminium Alloy<br>●Finish Matt Silver                           |
| <b>(7)</b>  |                  | AF-25-W01-2SM |                              |                                                      |                                                                                                                                                             |                                                                            |
|             |                  | 250-121-116   | 3000 mm                      |                                                      |                                                                                                                                                             |                                                                            |
|             |                  | AF-25-W01-3M  |                              |                                                      |                                                                                                                                                             |                                                                            |
| <b>(8)</b>  | Gasket           | 250-940-960   | Glass Thickness 5 mm 2500 mm | Please order necessary qty. based on your door size. |                                                                                                                                                             | ●Material Elastomer (TPE)<br>●Finish Light Grey                            |
|             |                  | AF-25-P02     |                              |                                                      |                                                                                                                                                             |                                                                            |
| <b>(9)</b>  |                  | 250-181-197   | Glass Thickness 6 mm 3000 mm |                                                      |                                                                                                                                                             |                                                                            |
|             |                  | AF-25-P15     |                              |                                                      |                                                                                                                                                             |                                                                            |
| <b>(10)</b> | Cover            | 270-940-959   | 2500 mm                      | 2 pcs                                                |                                                                                                                                                             | ●Material Elastomer (TPE)<br>●Finish Light Grey                            |
|             |                  | AF-25-P01-2S  |                              |                                                      |                                                                                                                                                             |                                                                            |
| <b>(11)</b> |                  | 270-942-846   | 3000 mm                      |                                                      |                                                                                                                                                             |                                                                            |
|             |                  | AF-25-P01-30  |                              |                                                      |                                                                                                                                                             |                                                                            |

| No. | Part Name                                | Item Code           | Type                      | Qty. Per One Door                                     | Dimensions    | Description               |
|-----|------------------------------------------|---------------------|---------------------------|-------------------------------------------------------|---------------|---------------------------|
| 12  | Lever Handle A                           | 100-010-386         | Passage                   | 1 set                                                 | <br>Ring case | ● Material Aluminium      |
| 13  | <br>Passage Type is Shown.               | MN799 Z160 E101     |                           |                                                       |               |                           |
| 14  |                                          | 260-170-382         | Cylinder Lock & Thumbturn |                                                       |               | (Strike)                  |
| 15  |                                          | HCSA138SF11G        |                           |                                                       |               | ● Material Steel          |
| 16  |                                          | 260-170-383         | Indicator & Thumbturn     |                                                       |               | ● Finish Plain / Black    |
| 17  | HCSA138SF11H                             |                     | ● Parts Included          |                                                       |               |                           |
| 18  | 260-170-384                              | Privacy & Thumbturn |                           | ● Screw : Countersunk Head Tapping Screw 4 X 30 2 pcs |               |                           |
| 19  | HCSA138SF11M                             |                     |                           |                                                       |               |                           |
| 20  | Lever Handle C                           | 260-170-389         | Passage                   | 1 set                                                 | <br>Ring case | ● Material Aluminium      |
| 21  | HCSA197F11                               |                     |                           |                                                       |               | ● Finish Anodized / Satin |
| 22  | <br>HCSA138SF11G/11H/11M Types is Shown. | 260-170-390         | Cylinder Lock & Thumbturn |                                                       |               | (Strike)                  |
| 23  |                                          | HCSA197SF11G        |                           |                                                       |               | ● Material Steel          |
| 24  |                                          | 260-170-391         | Indicator & Thumbturn     |                                                       |               | ● Finish Plain / Black    |
| 25  |                                          | HCSA197SF11H        |                           |                                                       |               | ● Parts Included          |
| 26  | 260-170-392                              | Privacy & Thumbturn |                           | ● Screw : Countersunk Head Tapping Screw 4 X 30 2 pcs |               |                           |
| 27  | HCSA197SF11M                             |                     |                           |                                                       |               |                           |

## Optional Parts

| No. | Part Name                                                                                                              | Item Code   | Type                            | Qty. Per One Door                                    | Dimensions                                                                            | Description                                        |
|-----|------------------------------------------------------------------------------------------------------------------------|-------------|---------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------|
| 30  | Intermediate Support<br>            | 250-940-967 | 2000 mm                         | Please order necessary qty. based on your door size. |  | ● Material Aluminium Alloy<br>● Finish Matt Silver |
|     |                                                                                                                        | AF-25-W03   |                                 |                                                      |                                                                                       |                                                    |
| 31  | Gasket for Intermediate Support<br> | 250-940-961 | Glass Thickness 5 mm<br>2500 mm | Please order necessary qty. based on your door size. |  | ● Material Elastomer (TPE)<br>● Finish Light Grey  |
|     |                                                                                                                        | AF-25-P03   |                                 |                                                      |                                                                                       |                                                    |
| 32  | Gasket for Intermediate Support<br> | 250-181-196 | Glass Thickness 6 mm<br>2500 mm |                                                      |                                                                                       |                                                    |
|     |                                                                                                                        | AF-25-P16   |                                 |                                                      |                                                                                       |                                                    |

# ALUMINIUM FRAME SWING DOOR



# AF-25D STANDARD BLACK



|                 |                                                               |
|-----------------|---------------------------------------------------------------|
| Door Weight     | Max. 40 kg (including parts weight)                           |
| Glass Thickness | 5, 6 mm                                                       |
| Door Width      | Max. 900 mm<br>(Max. 1000 mm for using intermediate support)  |
| Door Height     | Max. 2200 mm<br>(Max. 3000 mm for using intermediate support) |

## Features

- Aluminium profile provides excellent rigidity preventing door flex.
- FD80-AF (Sliding door version) is available (P688).
- Vertically and laterally adjustable even after door installation.

## Remarks

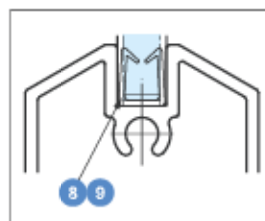
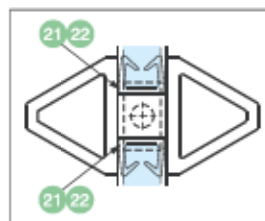
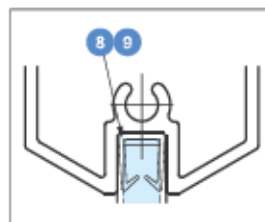
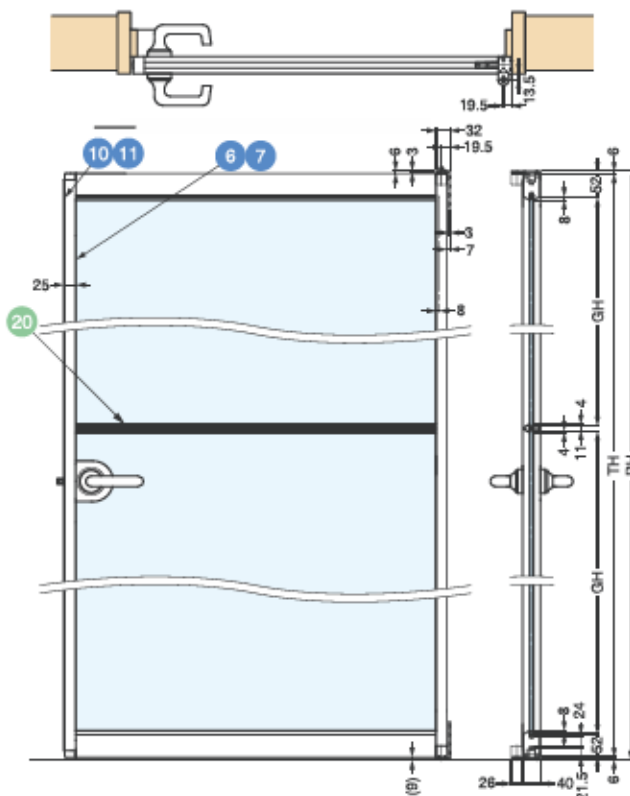
- Intermediate support not needed when door size is within H2200 mm x W900 mm. Please refer to below "necessary intermediate support quantity".
- Please use stopper parts & door stopper.

## Necessary Intermediate Support Quantity

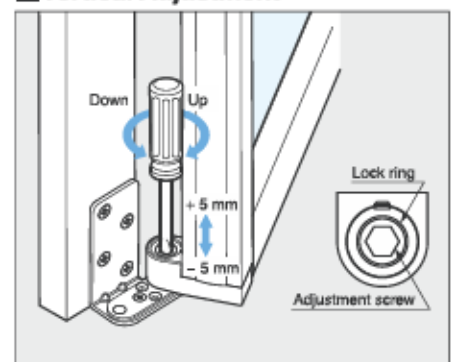
Intermediate support required when either door height or door width exceeds standard size. Pictures shown below are door size examples which require intermediate support. Glass thickness : 5 mm, Door weight : 70 kg

| Support Qty. | No Need Any Support | 2 Supports             | 3 Supports             | 4 Supports             |
|--------------|---------------------|------------------------|------------------------|------------------------|
| Door Size    | W900 × H2200        | Less than W800 × H2500 | Less than W750 × H2700 | Less than W700 × H3000 |

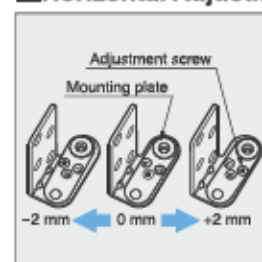
## Installation (Glass door with one intermediate support)

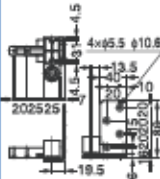
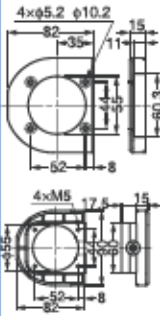
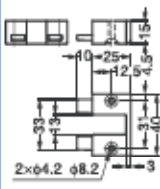
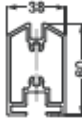
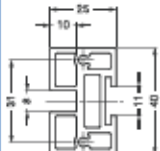
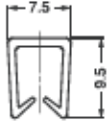
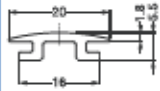


## Vertical Adjustment



## Horizontal Adjustment



| Part Details |                                                                                     | Necessary Parts |                                                              |                                                      |                                                                                                                                                             |                                                                    |
|--------------|-------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| No.          | Part Name                                                                           | Item Code       | Type                                                         | Qty. Per One Door                                    | Dimensions                                                                                                                                                  | Description                                                        |
| 1            |    | 043465          | Non-Handed                                                   | 1 set                                                |                                                                            | ●Material<br>Zinc Alloy / SUS304<br>●Finish<br>Matt Chrome / Plain |
|              |                                                                                     | AF-25-P10-BL    |                                                              |                                                      |                                                                                                                                                             |                                                                    |
| 2            |    | 043466          | —                                                            | 1 set                                                |                                                                            | ●Material<br>Zinc Alloy<br>●Finish<br>Nickel Matt Silver (Cover)   |
|              |                                                                                     | AF-25-P06-BL    |                                                              |                                                      |                                                                                                                                                             |                                                                    |
| 3            |   | 040966          | —                                                            | 2 pcs                                                |                                                                           | ●Material<br>Zinc Alloy<br>●Finish<br>Matt Chrome                  |
|              |                                                                                     | AF-25-P04-BL    |                                                              |                                                      |                                                                                                                                                             |                                                                    |
| 4            |  | 040965          | —                                                            | 1 pc                                                 |                                                                          | ●Material<br>Aluminium Alloy<br>●Finish<br>Matt Silver             |
|              |                                                                                     | AF-25-W02-BL    |                                                              |                                                      |                                                                                                                                                             |                                                                    |
| 5            |  | 250-181-198     | —                                                            | 1 set                                                | M8X30 Hex. Bolt : 8 pcs<br>M4X30 Hex. Bolt (For Intermediate Support) : 6 pcs<br>M4X25 Allen Screw : 12 pcs<br>M5X30 Countersunk Head Tapping Screw : 8 pcs | ●Material<br>Stainless Steel<br>●Finish<br>Plain                   |
|              |                                                                                     | AF-25-DS        |                                                              |                                                      |                                                                                                                                                             |                                                                    |
| 6<br>7       |  | 040964          | 3000 mm                                                      | 2 pcs                                                |                                                                          | ●Material<br>Aluminium Alloy<br>●Finish<br>Matt Silver             |
|              |                                                                                     | AF-25-W01-JM-BL |                                                              |                                                      |                                                                                                                                                             |                                                                    |
| 8<br>9       |  | 040962          | Glass Thickness 5 mm 2500 mm<br>Glass Thickness 6 mm 3000 mm | Please order necessary qty. based on your door size. |                                                                          | ●Material<br>Elastomer (TPE)<br>●Finish<br>Light Grey              |
|              |                                                                                     | AF-25-P15-BL    |                                                              |                                                      |                                                                                                                                                             |                                                                    |
| 10<br>11     |  | 040961          | 3000 mm                                                      | 2 pcs                                                |                                                                          | ●Material<br>Elastomer (TPE)<br>●Finish<br>Light Grey              |
|              |                                                                                     | AF-25-P01-J0-BL |                                                              |                                                      |                                                                                                                                                             |                                                                    |

| No. | Part Name                           | Item Code        | Type                      | Qty. Per One Door | Dimensions                                 | Description                                                                                                                                                                                           |
|-----|-------------------------------------|------------------|---------------------------|-------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12  | Lever Handle A                      | 044-681          | Passage                   | 1 set             |                                            | <ul style="list-style-type: none"> <li>● Material Aluminium</li> <li>● Finish Anodized / Satin</li> </ul>                                                                                             |
|     |                                     | HCSA138SF09SM-8L |                           |                   |                                            |                                                                                                                                                                                                       |
|     |                                     | 260-170-382      |                           |                   |                                            |                                                                                                                                                                                                       |
| 13  | Passage Type is Shown.              | 260-170-382      | Cylinder Lock & Thumbturn |                   | <p>HCSA138SF11G/11H/11M Type is Shown.</p> | (Strike)<br><ul style="list-style-type: none"> <li>● Material Steel</li> <li>● Finish Plain / Black</li> <li>● Parts Included</li> <li>● Screw : Countersunk Head Tapping Screw 4X30 2 pcs</li> </ul> |
|     |                                     | HCSA138SF11G     |                           |                   |                                            |                                                                                                                                                                                                       |
|     |                                     | 260-170-383      | Indicator & Thumbturn     |                   |                                            |                                                                                                                                                                                                       |
|     |                                     | HCSA138SF11H     |                           |                   |                                            |                                                                                                                                                                                                       |
| 14  |                                     | 260-170-384      | Privacy & Thumbturn       |                   |                                            |                                                                                                                                                                                                       |
|     |                                     | HCSA138SF11M     |                           |                   |                                            |                                                                                                                                                                                                       |
| 15  |                                     |                  |                           |                   |                                            |                                                                                                                                                                                                       |
| 16  | Lever Handle C                      | 260-170-389      | Passage                   | 1 set             |                                            | <ul style="list-style-type: none"> <li>● Material Aluminium</li> <li>● Finish Anodized / Satin</li> </ul>                                                                                             |
|     |                                     | HCSA197F11       |                           |                   |                                            |                                                                                                                                                                                                       |
|     |                                     | 260-170-390      | Cylinder Lock & Thumbturn |                   | <p>Passage Type is Shown.</p>              | (Strike)<br><ul style="list-style-type: none"> <li>● Material Steel</li> <li>● Finish Plain / Black</li> <li>● Parts Included</li> <li>● Screw : Countersunk Head Tapping Screw 4X30 2 pcs</li> </ul> |
| 17  | HCSA138SF11G/11H/11M Type is Shown. | HCSA197SF11G     |                           |                   |                                            |                                                                                                                                                                                                       |
|     |                                     | 260-170-391      | Indicator & Thumbturn     |                   |                                            |                                                                                                                                                                                                       |
|     |                                     | HCSA197SF11H     |                           |                   |                                            |                                                                                                                                                                                                       |
|     |                                     | 260-170-392      | Privacy & Thumbturn       |                   |                                            |                                                                                                                                                                                                       |
| 18  |                                     | HCSA197SF11M     |                           |                   |                                            |                                                                                                                                                                                                       |
| 19  |                                     |                  |                           |                   |                                            |                                                                                                                                                                                                       |

## Optional Parts

| No. | Part Name                                                                                                              | Item Code                  | Type                               | Qty. Per One Door                                    | Dimensions                                                                            | Description                                                                                                |
|-----|------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| 10  | Intermediate Support<br>            | 040960<br><br>AF-25-W03-BL | 2000 mm                            | Please order necessary qty. based on your door size. |  | <ul style="list-style-type: none"> <li>● Material Aluminium Alloy</li> <li>● Finish Matt Silver</li> </ul> |
| 21  | Gasket for Intermediate Support<br> | 040959<br><br>AF-25-P16-BL | Glass Thickness<br>6 mm<br>2500 mm | Please order necessary qty. based on your door size. |  | <ul style="list-style-type: none"> <li>● Material Elastomer (TPE)</li> <li>● Finish Light Grey</li> </ul>  |

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