

HEAVY DUTY CONCEALED HINGE

J95

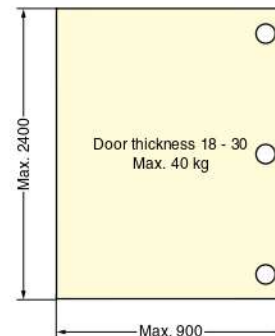
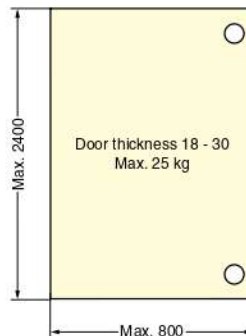
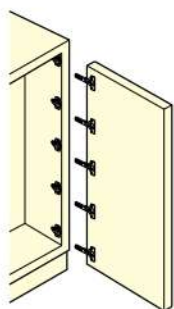
Max. Door Weight : 25 kg with 2 pcs, 40 kg with 3 pcs.

You can reduce the time spending over construction and installation since you don't need to install as many as regular concealed hinges. It can be used for heavy door applications such as big cabinets in houses or stores.

Normal Concealed Hinges
(5 pcs used)

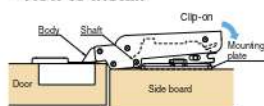
J95
(2 pcs used)

The Number of Necessary Hinges with Door Dimensions

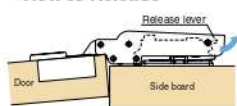


Simple Installation and Detachment by One-Touch

• How to Install



• How to Release

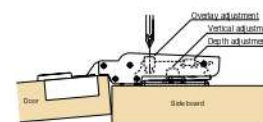


Flat Design

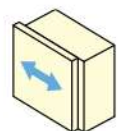


Easy and Fast Adjustment

Door can be adjusted by turning adjustment screws.

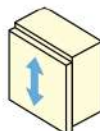


Overlay Adjustment (Horizontal Adjustment)



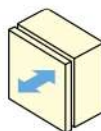
+0 mm, -4 mm

Vertical Adjustment



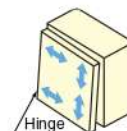
±3 mm

Depth Adjustment



+1.5 mm, -2.5 mm

Tilting Adjustment



Tilting adjustment can be done by using these three ways of adjustments.

For One-Touch Sliding Hinge for Heavy Doors J95 Series

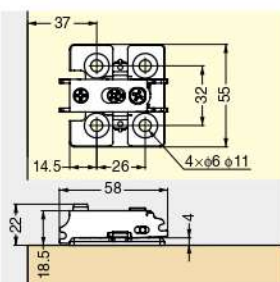
TAP518



CAD	Item Code	Item Name	Material	Finish
-	160-032-356	TAP518NI	Steel	Nickel
-	160-043-496	TAP518BN		Black Nickel

MOUNTING PLATE

J95-P6T



Features

- Depth adjustment : + 1.5 -2.5 mm
- Vertical adjustment : ± 3 mm
- Overlay distance adjustment : + 0, - 4 mm
- Thickness: 0 mm (Standard)

Recommended Screw

Size 5 raised countersunk head tapping screw or wood screw.

Item Code	Item Name	Material	Finish	Weight	Carton
160-026-732	J95-P6T	Steel/Zinc Alloy (ZDC)	Nickel	94 g	100 pcs
160-034-927	J95-P6T BN		Black Nickel	94 g	100 pcs

95° Opening**25 mm Overlay****Overlay 21 - 25 mm**
(When Bore Distance is 8 mm)**Cup Dia Φ 40 Bore Depth 15 mm**
Door Thickness 18 - 30 mm**Mounting Plate**
J95-P6T (P.368)

Picture above is the combination of concealed hinge and mounting plate.

CONCEALED HINGE**J95**

Item Code	Item Name	Type	Material	Finish	Weight	Carton
160-026-905	J95-24/25T	w/o Catch	Body/Steel, Cup/Zinc Alloy (ZDC)	Nickel	131 g	100 pcs
160-026-731	J95-C24/25T	w/ Catch			143 g	100 pcs
160-034-919	J95-24/25T BN	w/o Catch		Black	134 g	100 pcs
160-034-916	J95-C24/25T BN	w/ Catch		Nickel	146 g	100 pcs

Features

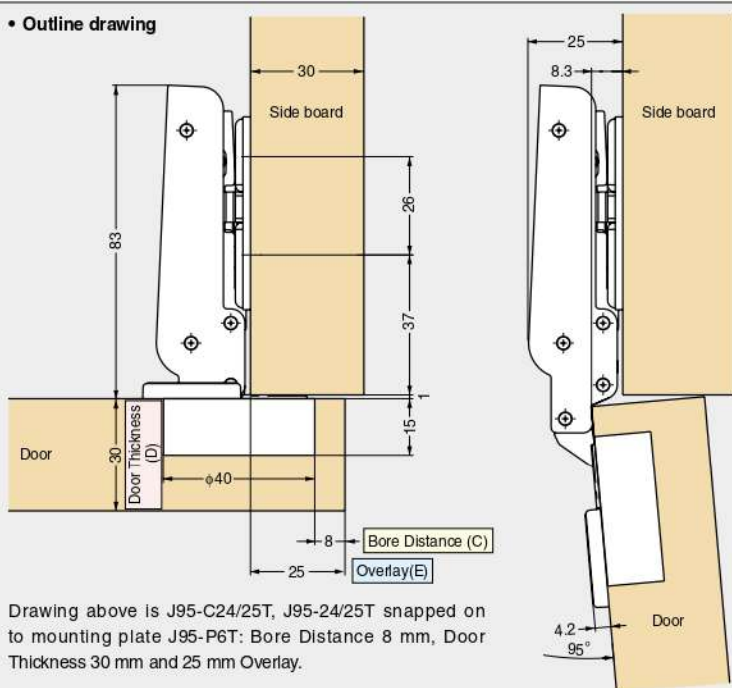
- 3-way-adjustment function by mounting plate (depth + 1.5, - 2.5 mm, vertical \pm 3 mm, overlay [horizontal] + 0, - 4 mm).
- Snap on mount.

Sold Separately

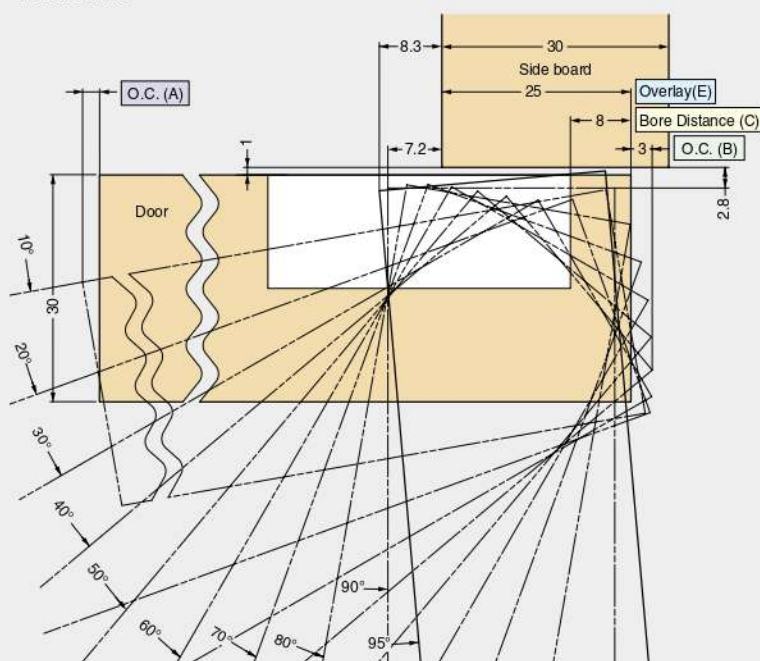
- Mounting plate (P.368)
- Face plate for glass door (P.373)
- Safety cover (P.373)
- Cover for mounting plate (P.373)

HINGES

CONCEALED HINGE

• Outline drawing

Drawing above is J95-C24/25T, J95-24/25T snapped on to mounting plate J95-P6T: Bore Distance 8 mm, Door Thickness 30 mm and 25 mm Overlay.

• Locus chart

Drawing above is Bore Distance 8 mm, Door Thickness 30 mm, Side Board Thickness 30 mm and 25 mm Overlay.

Bore Distance (C)

Bore Distance (C)	3	4	5	6	7	8
Overlay (E)	20	21	22	23	24	25

Overlay adjustment (- 4 mm) by turning the overlay adjustment screw.

Opening Clearance (O.C.)

Clearances for door edge O.C. (A) and hinge side O.C. (B) are necessary. O.C. (A) and (B) change depending on door thickness and bore distance (C). Refer to locus chart and tables below when designing cabinets.

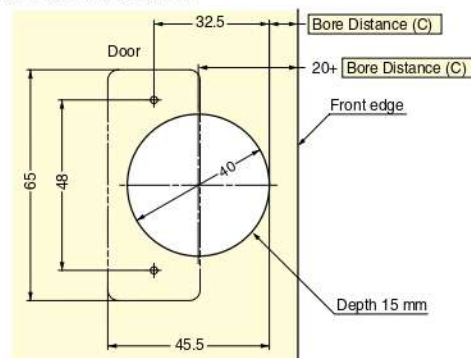
O.C. (B)

Door Thickness (D)	Bore Distance (C)					
	3	4	5	6	7	8
18	0.3	0.3	0.3	0.3	0.3	0.3
20	0.5	0.5	0.5	0.5	0.5	0.5
22	0.8	0.8	0.8	0.7	0.7	0.7
24	1.1	1.1	1.1	1.1	1.1	1.0
26	1.7	1.6	1.6	1.5	1.5	1.5
28	3.2	2.8	2.5	2.2	2.1	2.0
30	5.0	4.5	4.0	3.6	3.3	3.0
32	6.8	6.2	5.7	5.2	4.8	4.4
34	8.6	8.0	7.5	6.9	6.5	6.0
O.C. (B)						

Please refer to the locus chart if door thickness is over 30 mm.

O.C. (A)

Door Thickness (D) 30	Door Width						
	300	400	500	600	700	800	900
	0.50	0.30	0.30	0.20	0.20	0.20	0.20
O.C. (A)							

Cut Out Dimensions

- Recommended screw
Size 5 raised countersunk head tapping screw or wood screw.

Door Dimensions and Number of Hinges

Please refer to P.368.

**Mounting Plate
J95-P6T (P.368)**



CONCEALED HINGE

J95

Item Code	Item Name	Type	Material	Finish	Weight	Carton
160-033-658	J95-24/16T	w/o Catch	Body/Steel, Cup/Zinc Alloy (ZDC)	Nickel	131 g	50 pcs
160-033-657	J95-C24/16T	w/ Catch		143 g	50 pcs	
160-034-920	J95-24/16T BN	w/o Catch		Black Nickel	143 g	50 pcs
160-034-917	J95-C24/16T BN	w/ Catch		155 g	50 pcs	

- Cover for mounting plate (P.373)

Drawing above is J95-C24/16T, J95-24/16T snapped on to mounting plate J95-P6T: Bore Distance 8 mm, Door Thickness 30 mm and 16 mm Overlay.

The diagram illustrates a door and side board assembly with various dimensions and sightlines. Key dimensions include:

- Door height: 30
- Door width: 16.2
- Side board width: 30
- Side board height: 16
- Overlay (E) height: 8
- Bore Distance (C) height: 3
- O.C. (A) height: 10
- O.C. (B) height: 2.8

Sightlines are shown at angles of 10°, 20°, 30°, 40°, 50°, 60°, 70°, 80°, 90°, and 95°.

Drawing above is Bore Distance 8 mm, Door Thickness 30 mm, Side Board Thickness 30 mm and 16 mm Overlay.

Bore Distance (C)	3	4	5	6	7	8
Overlay (E)	11	12	13	14	15	16

Clearances for door edge O.C. (A) and hinge side O.C. (B) are necessary. O.C. (A) and (B) change depending on door thickness and bore distance (C). Refer to locus chart and tables below when designing cabinets.

Door Thickness (D)	Bore Distance (C)					
	3	4	5	6	7	8
18	0.3	0.3	0.3	0.3	0.3	0.3
20	0.5	0.5	0.5	0.5	0.5	0.5
22	0.8	0.8	0.8	0.7	0.7	0.7
24	1.1	1.1	1.1	1.1	1.1	1.0
26	1.7	1.6	1.6	1.5	1.5	1.5
28	3.2	2.8	2.5	2.2	2.1	2.0
30	5.0	4.5	4.0	3.6	3.3	3.0
32	6.8	6.2	5.7	5.2	4.8	4.4
34	8.6	8.0	7.5	6.9	6.5	6.0
	O.C. (B)					

Door Thickness (D)	Door Width						
	300	400	500	600	700	800	900
	0.50	0.30	0.30	0.20	0.20	0.20	0.20
20	Q.C. (A)						

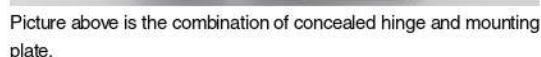
Technical drawing of a door handle assembly. The drawing shows a circular handle with a diameter of 40 mm. The handle is mounted on a door with a thickness of 15 mm. The distance from the front edge of the door to the center of the handle is 32.5 mm. The distance from the front edge of the door to the back edge of the handle is 20 + Bore Distance (C). The distance from the front edge of the door to the back edge of the door is 45.5 mm. The distance from the front edge of the door to the center of the handle is 65 mm. The distance from the front edge of the door to the back edge of the handle is 48 mm.

- Recommended screw
Size 5 raised countersunk head tapping screw or wood screw.

Door Dimensions and Number of Hinges

Please refer to P.368.

**Mounting Plate
J95-P6T (P.368)**



J95

Features

- 3-way-adjustment function by mounting plate (depth + 15, - 2.5 mm, vertical ± 3 mm, overlay [horizontal] + 0, - 4 mm).
- Snap on mount.

Sold Separately

- Mounting Plate (P.368)
- Face plate for glass door (P.373)
- Safety cover (P.373)
- Cover for mounting plate (P.373)

Bore Distance (C)

Overlay adjustment (Max. -4 mm) by turning the overlay adjustment screw.

Opening Clearance (O.C.)

Clearances for door edge O.C. (A) and hinge side O.C. (B) are necessary. O.C. (A) and (B) change depending on door thickness and bore distance (C). Refer to locus chart and tables below when designing cabinets.

O.C. (B)

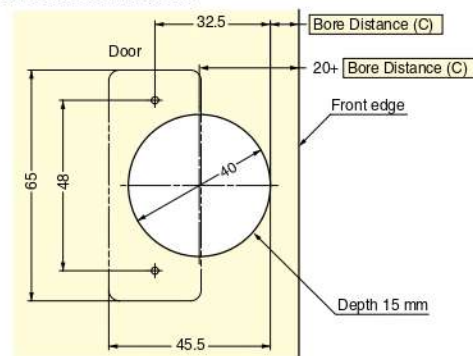
Door Thickness (D)	Bore Distance (C)					
	3	4	5	6	7	8
18	0	0	0	0	0	0
20	0	0	0	0	0	0
22	0.1	0.1	0.1	0.1	0	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1
26	0.3	0.3	0.3	0.3	0.3	0.3
28	1.7	1.1	0.6	0.5	0.5	0.5
30	3.5	2.9	2.3	1.8	1.0	0.9
32	5.4	4.7	4.1	3.6	3.0	2.5
34	7.3	6.6	6.0	5.4	4.8	4.3
	O.C. (B)					

Please refer to the locus chart if door thickness is over 30 mm.

O.C. (A)

Door Thickness (D)	Door Width						
	300	400	500	600	700	800	900
	0.90	0.60	0.50	0.40	0.40	0.30	0.30
20	O.C. (A)						

Cut Out Dimensions

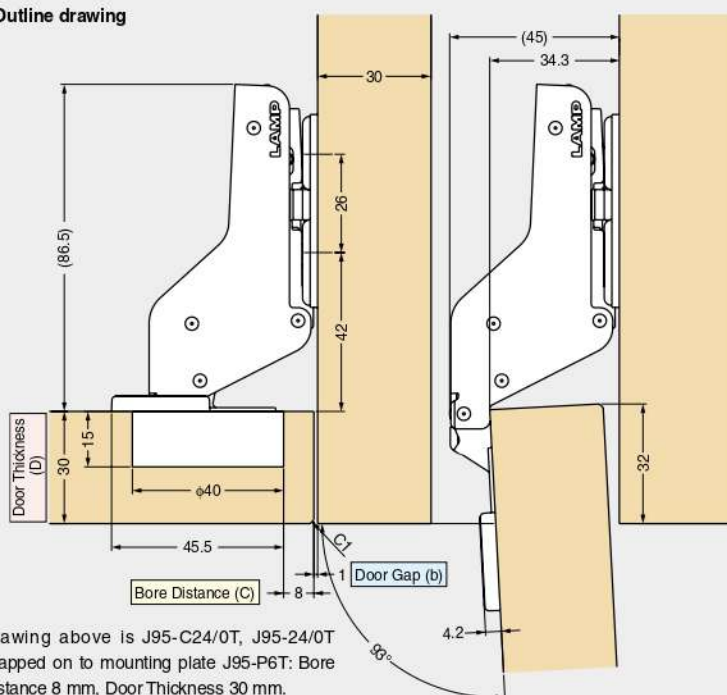


- Recommended screw
Size 5 raised countersunk head tapping screw or wood screw.

Door Dimensions and Number of Hinges

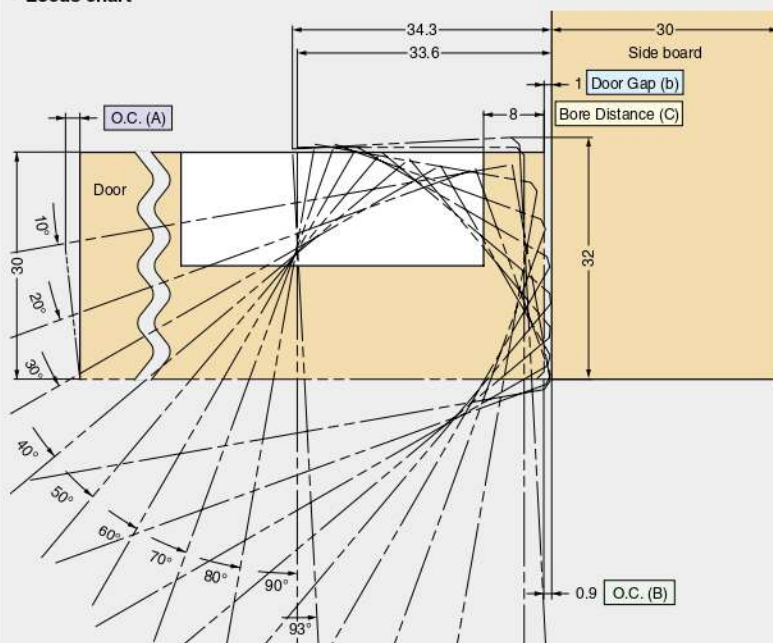
Please refer to P.368.

- Outline drawing



Drawing above is J95-C24/0T, J95-24/0T
snapped on to mounting plate J95-P6T: Bore
Distance 8 mm, Door Thickness 30 mm.

- Locus chart



Drawing above is J95-C24/0T Bore Distance 8 mm, Door Thickness 30 mm, Side Board Thickness 30 mm.

FACE PLATE FOR GLASS DOOR



GH-J95FP

J95 Application

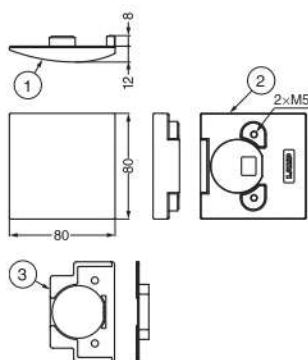


Parts Included

Countersunk head screw M5x18

Sold Separately

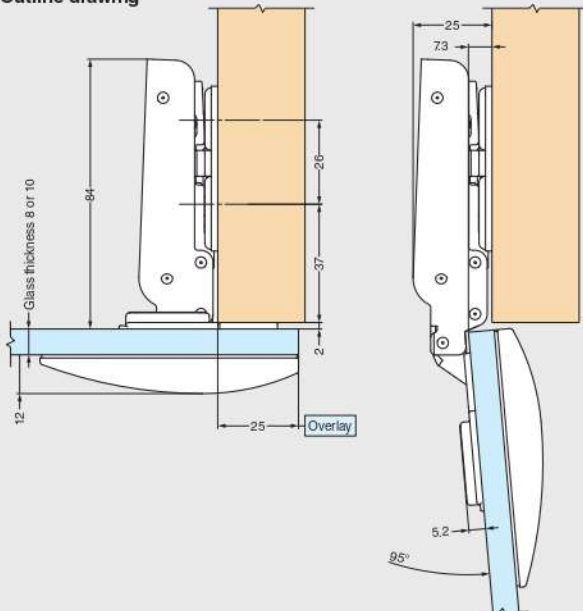
- Heavy duty concealed hinge J95 (P.368 - 371).
- Mounting plate J95-P6T (P.368)



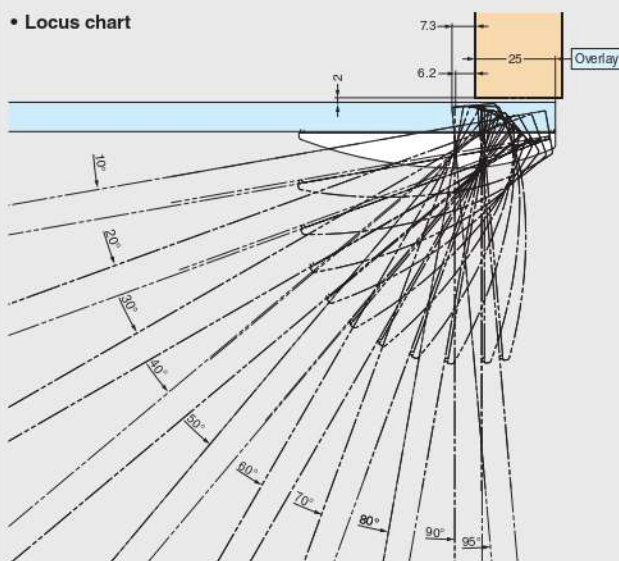
*Black Nickel will be available soon.

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
160-043-378	GH-J95FP-BL		Black		20 pcs

• Outline drawing



• Locus chart



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

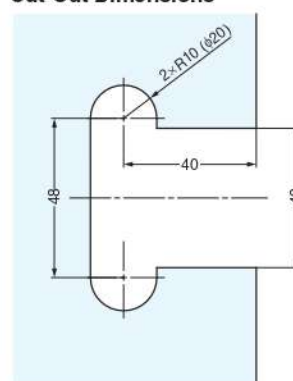


Opening Clearance

Hinge side = 0 mm

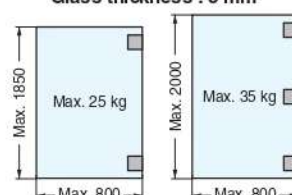
Handle side = 0 mm

Cut Out Dimensions

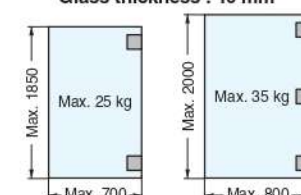


Door Dimensions and Number of Hinges

Glass thickness : 8 mm

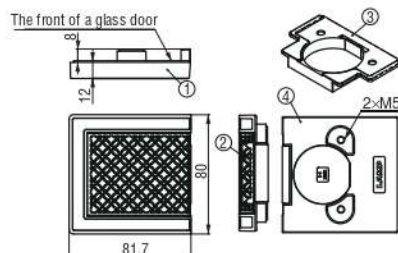


Glass thickness : 10 mm



FACE PLATE FOR GLASS DOOR

GH-J95FP-Q1



Parts Included

Countersunk head screw M5x18

Sold Separately

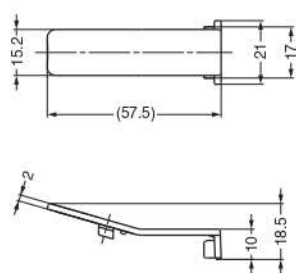
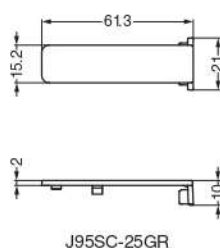
- Heavy duty concealed hinge J95 (P.368 - 371).
- Mounting plate J95-P6T (P.368)

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

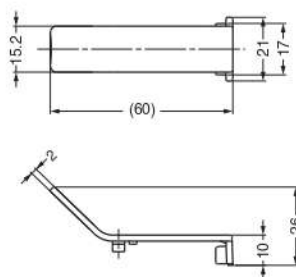
No.	Part Name	Material	Finish/Colour
①	Face Plate	Zinc Alloy (ZDC)	Chrome 24 Karat Gold Plated Antique Brass Black (As Left)
②	Decorative Plate	Brass	(As Left)
③	Socket Spacer	Polyacetal (POM)	Black
④	Face Plate Spacer		

SAFETY COVER

J95SC



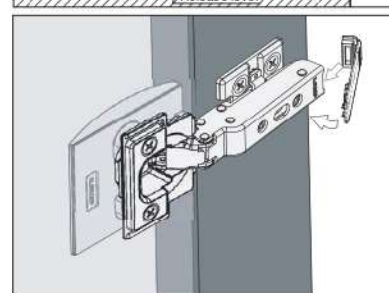
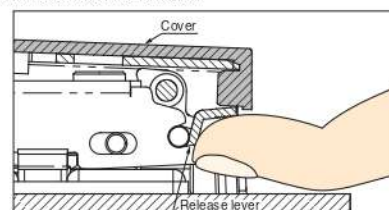
J95SC-16GR



J95SC-0GR

Features

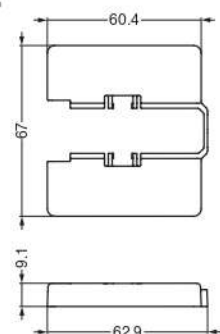
The cover locks the release lever of J95 hinge to prevent accidental release.



Item Code	Item Name	Use With	Material	Weight	Finish/Color	Carton
160-032-763	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
160-044-249	J95SC-25BC	J95-(C)24/25	ABS	3 g	Black Chrome	500 pcs
160-032-764	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
160-044-250	J95SC-16BC	J95-(C)24/16	ABS	3 g	Black Chrome	500 pcs
160-032-765	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
160-044-251	J95SC-0BC	J95-(C)24/0	ABS	3 g	Black Chrome	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
160-044-252	J95ZC-BC	J95-P6T	ABS	9 g	500 pcs

DAMPER CATCH

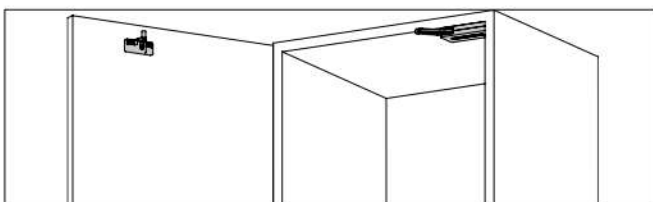


L=R

DC-200

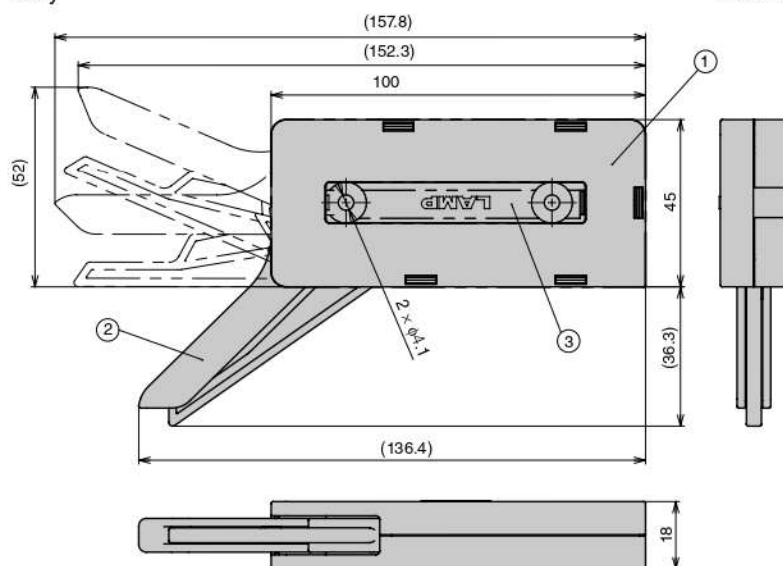


Installation Example

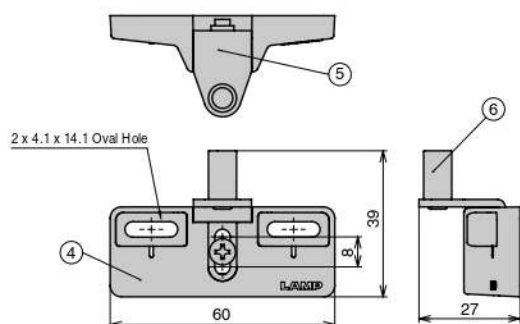


Attach to the interior of the cabinet.

Body



Counter Plate



Features

- Damper and catch combination for sideways opening doors.
- Prevents doors from slamming.
- Holds doors in closed position.
- Easy to install by simply aligning body with the interior wall.
- Non-handed.
- Can handle doors up to 40 kg. (When using DC-200 - 40).
- Strike can be adjusted post-installation: horizontally ± 5 mm, vertically ± 4 mm.
- Passed 50,000 open/close cycles in a private test.

Recommended hinges

- Heavy Duty Concealed Hinge J95 (With catch type)
- 3way Adjustable Concealed Hinge HES3D-90
- Single axis furniture hinges





Caution

- The screws for installing on sheet metal are not included. We recommend the following screws:
Recommended screws for body: Cross binding head M4 \times 30
Recommended screws for counter plate: Cross binding head M4 \times 15
- Do not install to body or strike to hollow surfaces.
- If there is a large resistant force during closing, the door may not close fully.

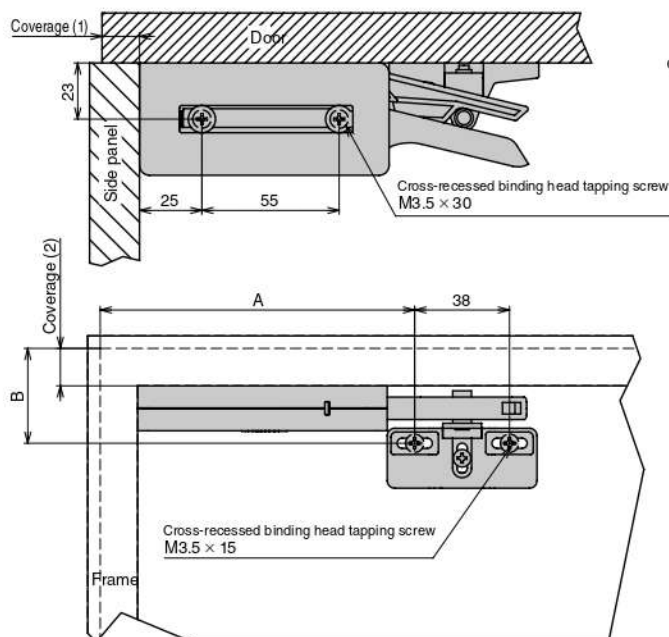
Parts included

- Body Cover
- Counter
- Screws to attach body: 3.5 \times 30
- Screws to attach counter: 3.5 \times 15

No.	Item Name	Materials	Finish/Colour
①	Body	PC/ABS	White / Black
②	Arm	PA	White / Black
③	Body Cover	ABS	White / Black
④	Counter	PC/ABS	White / Black
⑤	Counter Plate	Steel (SPCC)	Nickel Plating
⑥	Bumper	Elastomer	Gray

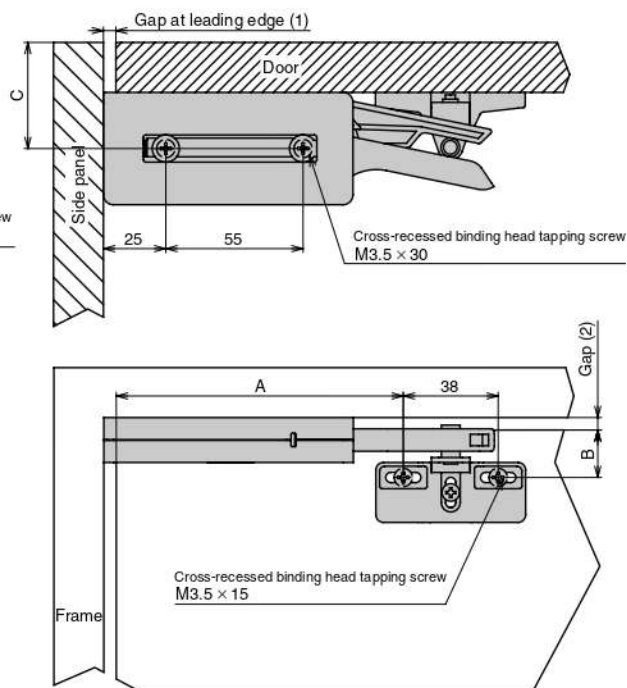
CAD	Item Code	Item Name	Colour	Door Width	Door Height	Load Capacity (kg)	Weight (g)	
	140-043-604	DC-200-25WT	White	450 - 900	Under 2400	7 - 25	105	
	140-043-605	DC-200-25BL	Black					
	140-043-606	DC-200-40WT	White			25 - 40		
	140-043-607	DC-200-40BL	Black					

For lapped (outset) doors



For inset doors

Install a door stopper in addition to this product.

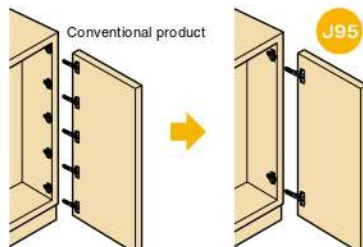


	A	B	C
Outset Doors	114 + Coverage (1)	24 + Coverage (2)	
Inset Doors	114 - gap at leading edge (1)	24 - gap (2)	23+Door Thickness

Related Products

ONE-TOUCH SLIDING HINGE FOR HEAVY DOORS

J95



Two pieces will do the job of five conventional hinges!

Features

- A sliding hinge for heavy doors that can be used together with the DC-200 damper catch.
- Use the type with a catch **if using together** with the **DC-200** damper catch.
- Supports large doors weighing up to 25 kg with 2 hinges or up to 40 kg with 3 hinges.
- Enables one-touch installation and removal of the door.
- Enables three-dimensional adjustment of the door. (+1.5 mm/-2.5 mm forward/back, ±3 mm up/down, +0 mm/-4 mm coverage adjustment [left/right])
- Streamlined design free of protrusions such as adjustment screws on the body top.

To ensure safety, the lock lever does not protrude from the back of the body.

Related Products

LAPCON DOOR DAMPER

LDD-S, LDD-V



LDD-S



LDD-V

Features

- A damper for doors (fixtures).
- Enables the door to be opened with less force than with door closers.
- Supports doors weighing up to 40 kg.
- Contact us if your door is wider than 900 mm.