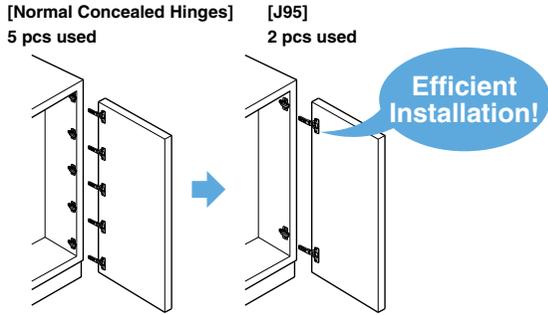
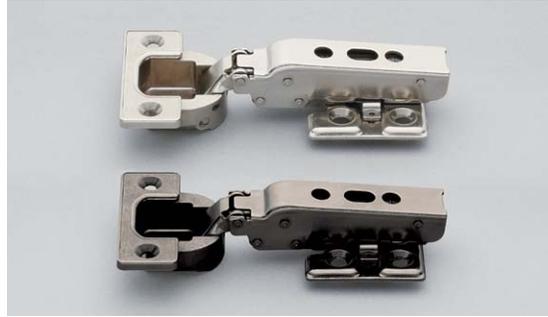


HEAVY DUTY CONCEALED HINGE J95

Max. Door Weight : **25 kg** with 2 pcs, **40 kg**※ with 3 pcs. ※35kg for glass doors

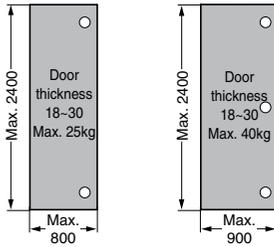
[Application Example] Chemical storage cabinets, etc.
Operating temperature of J95: -10°C ~ 40°C



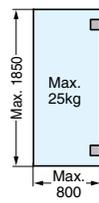
Less usage compared with normal concealed hinges, reducing construction and installation time and providing clean appearance.

[Door Dimensions and Number of Hinges]

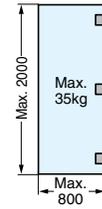
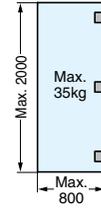
● In case of sheet metal door



● In case of glass door
Glass thickness 8mm



Glass thickness 10 mm



Install the upper and lower hinges within 200mm from the door end. Set equal installation pitch when using 3 pcs.

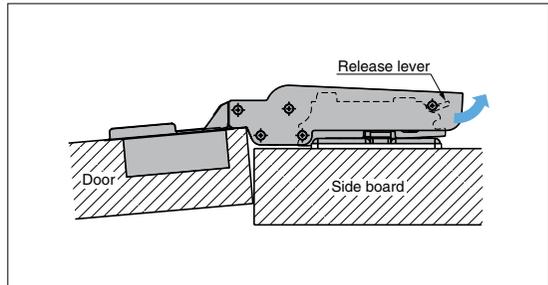
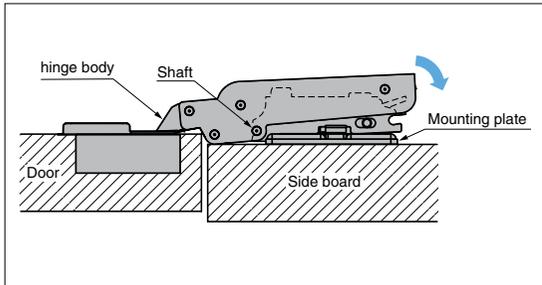
Simple Installation and Detachment by One-Touch.

[How to Install]

Align shaft of hinge body with front end of mounting plate, and press down back end of hinge body until it snaps into place.

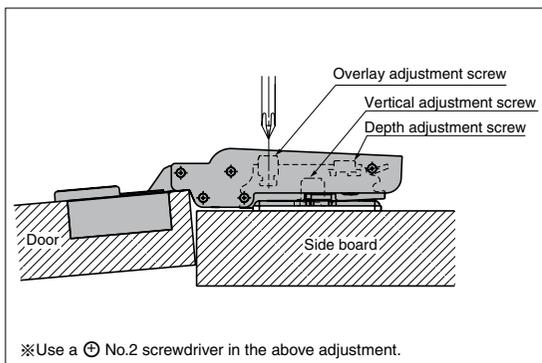
[How to Detach]

Push up release level in direction, and remove hinge body from mounting plate.



Check if hinge body is properly installed on mounting plate.

Easy and Fast Adjustment



With the eccentric cam mechanism, the door can be freely adjusted by only turning depth and vertical adjustment screws. Door position is easy to adjust without the need of loosening the adjustment screw, positioning and fixing. Overlay and tilting are adjustable by turning overlay adjustment screw.

[Remarks]

Be sure to use a manual screwdriver to fine tune adjustment screws within the adjustment range. Do not use pneumatic, electric or rechargeable screwdriver. Otherwise, the adjustment range may be exceeded and damage and malfunction of adjusting mechanism may occur.

TORQUE HINGES

DAMPER HINGES

LIFT ASSIST HINGES

DETENT HINGES

CONCEALED HINGES

BUTT HINGES

PIANO HINGES

STEP HINGES

LIFT-OFF HINGES

PIVOT HINGES

SPRING HINGES

CLEAN ROOM HINGES

HINGES FOR ALUMINIUM FRAME

DROP HINGES

GLASS DOOR HINGES

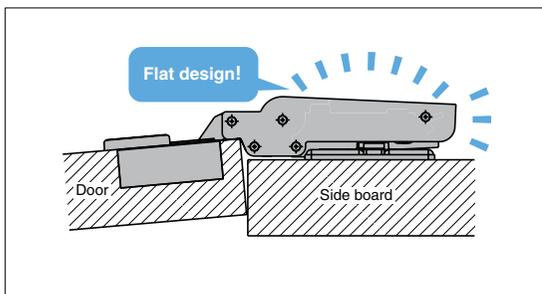
SPECIAL HINGES

[Adjustment Directions, Amount and Method]

<p>Depth adjustment</p>	<p>+1.5 mm, -2.5 mm</p> <p>Turning the depth adjustment screw counterclockwise ⤴ to move the door forwards and clockwise ⤵ to move the door backwards.</p>
<p>Vertical adjustment</p>	<p>± 3 mm</p> <p>In case of right-hanging, turning the vertical adjustment screw counterclockwise ⤴ to move the door upwards and clockwise ⤵ to move the door downwards. ※In case of left-hanging, door moves in the opposite direction.</p>

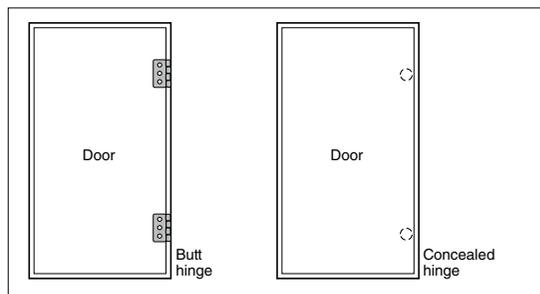
<p>Overlay adjustment (Horizontal adjustment)</p>	<p>+0 mm, -4 mm</p> <p>Turning the overlay adjustment screw clockwise ⤴ to decrease and counterclockwise ⤵ to increase the overlay.</p>
<p>Tilting Adjustment</p>	<p>-</p> <p>Turning the overlay adjustment screw counterclockwise or clockwise to adjust.</p>

Flat Design



Flat design with no projections such as adjustment screws on the top of body. It is safe because the release level does not protrude from the back of body.

Without Impairing Design



Since the hinge is not visible from outside when door is closed, it does not impair the design of cabinet.

[Remarks]

- When using concealed hinge J95 for glass and metal door, applicable door size varies.
- Door weight has priority over door size.
- Set door centre of gravity at door centre.
- Maximise the hinge installation pitch. Set equal installation pitch when using 3 pcs. Besides, the warpage of door shall be considered.
- Door dimensions and number of hinges are for reference only. Please check in actual installation.
- Lubricate regularly during use.
- Watch your hands during handling before door installation.
- Do not repeatedly open and close with a single concealed hinge before installation. Otherwise, it may be damaged.
- Scattering prevention film is recommended for tempered glass.

Refer to : P.100

95° Opening

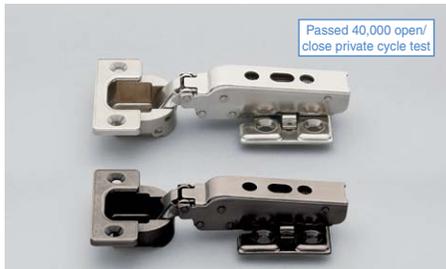
25mm Overlay

Overlay 21~25mm
(When Bore Distance is 8 mm)

Cup Dia $\phi 40$ Bore Depth 15mm
Door Thickness 18~30mm/Glass Thickness 8, 10mm

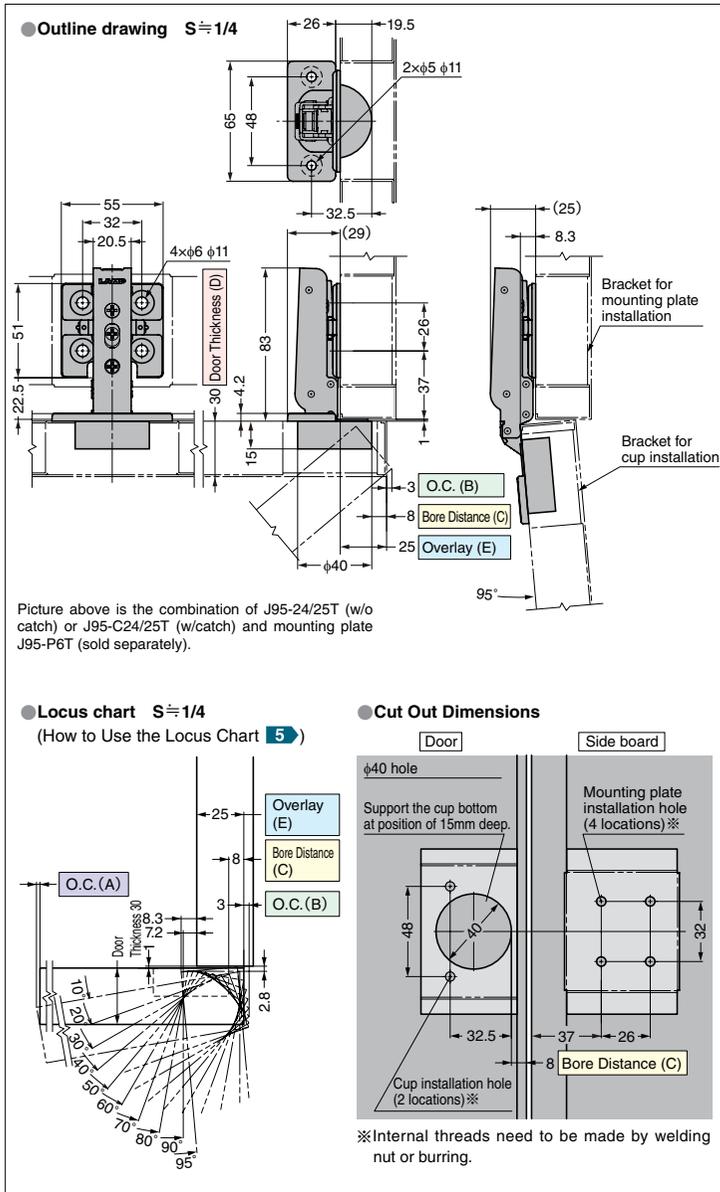
Mounting Plate **1**
J95-P6T

HEAVY DUTY CONCEALED HINGE J95



Picture above is the combination of concealed hinge and mounting plate (sold separately).

In case of sheet metal door



RoHS	CAD	Item Code	Item Name	Type	Material	Finish	Weight (g)	Box (pcs)
6	3D	160-026-905	J95-24/25T	Without Catch	Body/Steel, Cup/Zinc Alloy (ZDC)	Nickel	134	100
6	3D	160-026-731	J95-C24/25T	With Catch			146	100
6	3D	-	J95-24/25T BN	Without Catch		Black	134	100
6	3D	-	J95-C24/25T BN	With Catch			146	100

A mounting plate (sold separately) is required for installation. Please order separately.

[Sold Separately]

- Mounting plate J95-P6T **1**
- Face plate for glass door GH-J95FP **2**
- Safety cover J95SC-25GR **3**
- Cover for mounting plate J95ZC-GR **4**

[Recommended Screws]

- M5 countersunk head screw, M5 raised countersunk head screw

[Bore Distance (C)]

Table-1

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

Overlay adjustment (Max. -4mm) 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)]

Table-2

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. (B) can be made smaller by R chamfering (round chamfer) or C chamfering (chamfer plane) on the door)

[O.C.(A)]

Table-3

Door Thickness (D)	Door Width						
	300	400	500	600	700	800	900
30	0.5	0.3	0.3	0.2	0.2	0.2	0.2
O.C. (A)							

[Door Dimensions and Number of Hinges] **6**

Refer to **1** : P.108, **2** : P.110, **3** : P.109, **5** : P.111, **6** : P.100

TORQUE HINGES

DAMPER HINGES

LIFT ASSIST HINGES

DETENT HINGES

CONCEALED HINGES

BUTT HINGES

PIANO HINGES

STEP HINGES

LIFT-OFF HINGES

PIVOT HINGES

SPRING HINGES

CLEAN ROOM HINGES

HINGES FOR ALUMINIUM FRAME

DROP HINGES

GLASS DOOR HINGES

SPECIAL HINGES

[How to Select Products]

Necessary Parts

In case of sheet metal door

In case of glass door



- Concealed hinge 1
- Mounting plate 2

- Face plate for glass door 3

Optional Parts

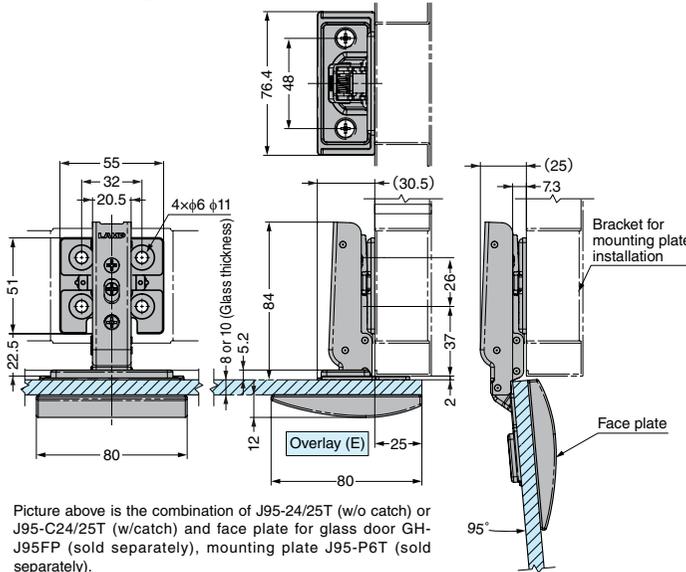


- Safety cover J95SC-25GR 4

- Cover for mounting plate 5

■ In case of glass door

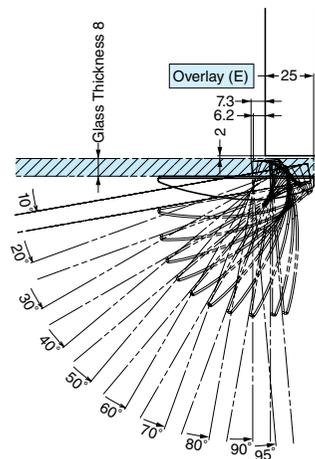
● Outline drawing S ≒ 1/4



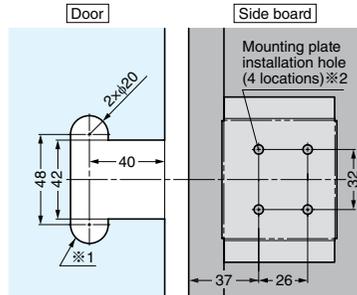
Picture above is the combination of J95-24/25T (w/o catch) or J95-C24/25T (w/catch) and face plate for glass door GH-J95FP (sold separately), mounting plate J95-P6T (sold separately).

● Locus chart S ≒ 1/4

(How to Use the Locus Chart 6)



● Cut out dimensions



- ※1: Use tempered glass. Scattering prevention film is recommended.
- ※2: Internal threads need to be made by welding nut or burring.

[Opening Clearance (O.C.)]

When using a concealed hinge, although door edge O.C.(A) and hinge side O.C.(B) are required, but for glass door, hinge side O.C.(B) is 0 (zero) because the door thickness (glass thickness) is much thinner than that of the wooden door. Besides, O.C.(A) is identical to Table-3 7.

[Door Dimensions and Number of Hinges] 8

Refer to 1 7 : P.102, 2 5 : P.108, 3 : P.110, 4 : P.109, 6 : P.111, 8 : P.100

95° Opening

16mm Overlay

Overlay 12~16mm
(When Bore Distance is 8 mm)

Cup Dia $\phi 40$ Bore Depth 15mm
Door Thickness 18~30mm/Glass Thickness 8, 10mm

Mounting Plate **1**
J95-P6T

HEAVY DUTY CONCEALED HINGE J95



Picture above is the combination of concealed hinge and mounting plate (sold separately).

RoHS	CAD	Item Code	Item Name	Type	Material	Finish	Weight (g)	Box (pcs)
6	3D	160-033-658	J95-24/16T	Without Catch	Body/Steel, Cup/Zinc Alloy (ZDC)	Nickel	143	50
6	3D	160-033-657	J95-C24/16T	With Catch		Nickel	155	50
6	3D	-	J95-24/16T BN	Without Catch	Body/Steel, Cup/Zinc Alloy (ZDC)	Black	143	50
6	3D	-	J95-C24/16T BN	With Catch		Nickel	155	50

A mounting plate (sold separately) is required for installation. Please order separately.

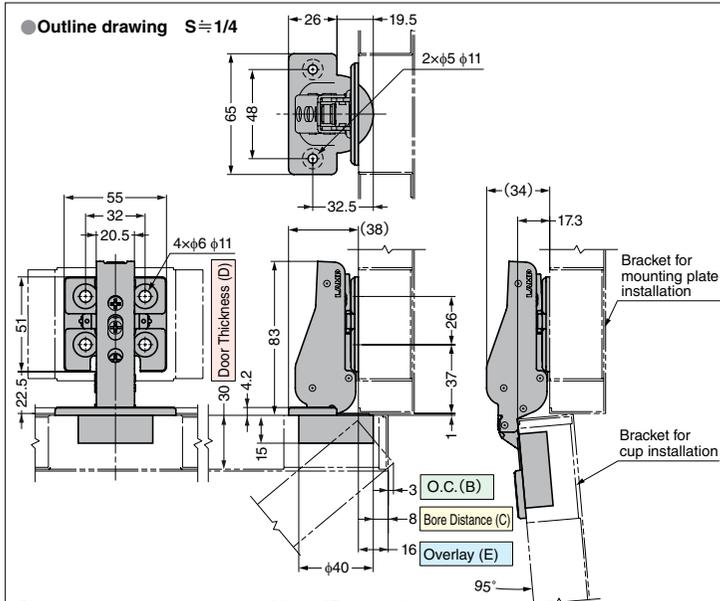
[Sold Separately]

- Mounting plate J95-P6T **1**
- Face plate for glass door GH-J95FP **2**
- Safety cover J95SC-16GR **3**
- Cover for mounting plate J95ZC-GR **4**

[Recommended Screws]

- M5 countersunk head screw,
M5 raised countersunk head screw

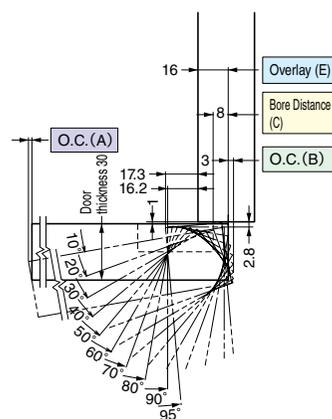
In case of sheet metal door



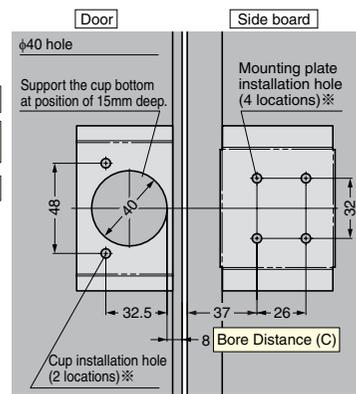
Picture above is the combination of J95-24/16T (w/o catch) or J95-C24/16T (w/catch) and mounting plate J95-P6T (sold separately).

Locus chart S=1/4

(How to Use the Locus Chart **5**)



Cut out dimensions



※ Internal threads need to be made by welding nut or burring.

[Bore Distance (C)]

Table-1

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

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)]

Table-2

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

※Please refer to the locus chart if door thickness is over 30 mm. (O.C. (B) can be made smaller by R chamfering (round chamfer) or C chamfering (chamfer plane) on the door)

[O.C.(A)]

Table-3

Door Thickness (D)	Door Width						
	300	400	500	600	700	800	900
30	0.5	0.3	0.3	0.2	0.2	0.2	0.2

[Door Dimensions and Number of Hinges] **6**

Refer to **1** : P.108, **2** : P.110, **3** : P.109, **5** : P.111, **6** : P.100

TORQUE HINGES

DAMPER HINGES

LIFT ASSIST HINGES

DETENT HINGES

CONCEALED HINGES

BUTT HINGES

PIANO HINGES

STEP HINGES

LIFT-OFF HINGES

PIVOT HINGES

SPRING HINGES

CLEAN ROOM HINGES

HINGES FOR ALUMINIUM FRAME

DROP HINGES

GLASS DOOR HINGES

SPECIAL HINGES

[How to Select Products]

Necessary Parts

In case of sheet metal door

In case of glass door



- Concealed hinge 1
- Mounting plate 2



- Face plate for glass door 3

Optional Parts



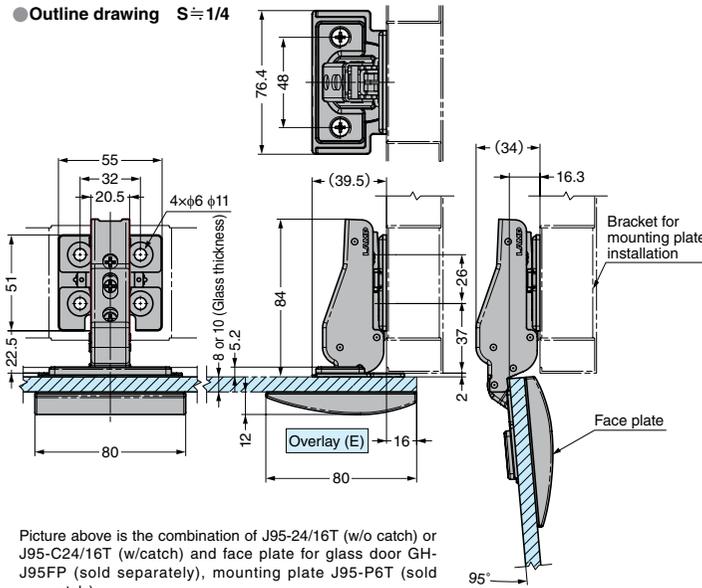
- Safety cover J95SC-16GR 4



- Cover for mounting plate 5

■ In case of glass door

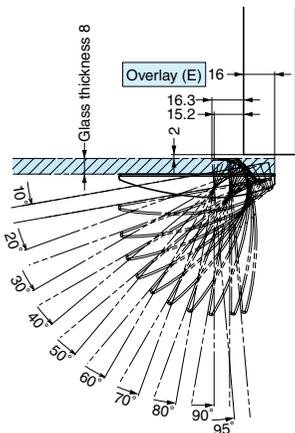
● Outline drawing S ≒ 1/4



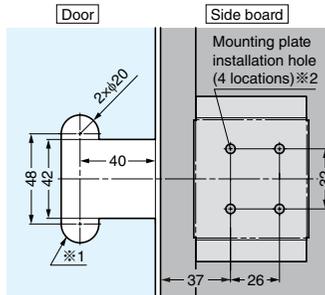
Picture above is the combination of J95-24/16T (w/o catch) or J95-C24/16T (w/catch) and face plate for glass door GH-J95FP (sold separately), mounting plate J95-P6T (sold separately).

● Locus chart S ≒ 1/4

(How to Use the Locus Chart 6)



● Cut out dimensions



※1: Use tempered glass. Scattering prevention film is recommended.

※2: Internal threads need to be made by welding nut or burring.

[Opening Clearance (O.C.)]

When using a concealed hinge, although door edge O.C.(A) and hinge side O.C.(B) are required, but for glass door, hinge side O.C.(B) is 0 (zero) because the door thickness (glass thickness) is much thinner than that of the wooden door. Besides, O.C.(A) is identical to Table-3 7.

[Door Dimensions and Number of Hinges] 8

Refer to 1 7 : P.104, 2 5 : P.108, 3 : P.110, 4 : P.109, 6 : P.111, 8 : P.100

93° Opening

Inset

Cup Dia $\phi 40$ Bore Depth 15mm
Door Thickness 18~30mm/Glass Thickness 8, 10mm

Mounting Plate 1
J95-P6T

HEAVY DUTY CONCEALED HINGE J95



RoHS	CAD	Item Code	Item Name	Type	Material	Finish	Weight (g)	Box (pcs)
6	3D	160-033-660	J95-24/OT	Without Catch	Body/Steel, Cup/Zinc Alloy (ZDC)	Nickel	148	50
6	3D	160-033-659	J95-C24/OT	With Catch		Nickel	160	50
6	3D	-	J95-24/OT BN	Without Catch	Alloy (ZDC)	Black	148	50
6	3D	-	J95-C24/OT BN	With Catch		Nickel	160	50

A mounting plate (sold separately) is required for installation. Please order separately.

[Sold Separately]

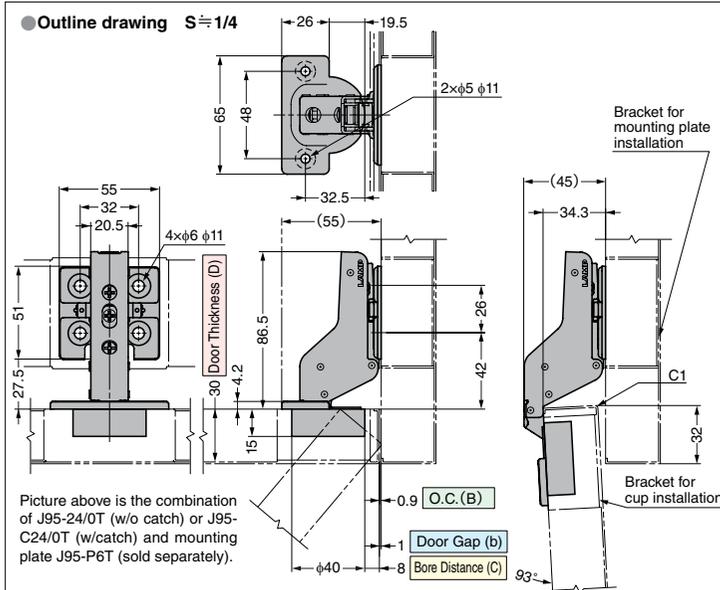
- Mounting plate J95-P6T 1
- Face plate for glass door GH-J95FP 2
- Safety cover J95SC-0GR 3
- Cover for mounting plate J95ZC-GR 4

[Recommended Screws]

- M5 countersunk head screw, M5 raised countersunk head screw

Picture above is the combination of concealed hinge and mounting plate (sold separately).

In case of sheet metal door



Picture above is the combination of J95-24/OT (w/o catch) or J95-C24/OT (w/catch) and mounting plate J95-P6T (sold separately).

[Bore Distance (C)]

Bore Distance (C)	Table-1							
	3	4	5	6	7	8		
Door Gap (b)	6	5	4	3	2	1		

Door gap can be adjusted 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)]

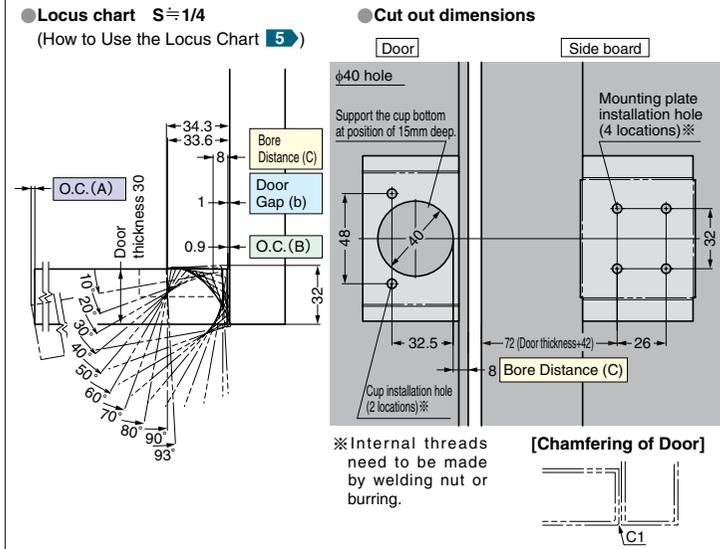
Door Thickness (D)	Bore Distance (C)						Table-2		
	3	4	5	6	7	8			
18	0	0	0	0	0	0			
20	0	0	0	0	0	0			
22	0.1	0.1	0.1	0.1	0	0.1			
24	0.1	0.1	0.1	0.1	0.1	0.1			
26	0.3	0.3	0.3	0.3	0.3	0.3			
28	1.7	1.1	0.6	0.5	0.5	0.5			
30	3.5	2.9	2.3	1.8	1.0	0.9			
32※	5.4	4.7	4.1	3.6	3.0	2.5			
34※	7.3	6.6	6.0	5.4	4.8	4.3			
O.C. (B)									

※Please refer to the locus chart if door thickness is over 30 mm. (O.C. (B) can be made smaller by R chamfering (round chamfer) or C chamfering (chamfer plane) on the door)

[O.C.(A)]

Door Thickness (D)	Door Width							Table-3	
	300	400	500	600	700	800	900		
30	0.9	0.6	0.5	0.4	0.4	0.3	0.3		
O.C. (A)									

[Door Dimensions and Number of Hinges] 6



※Internal threads need to be made by welding nut or burring.

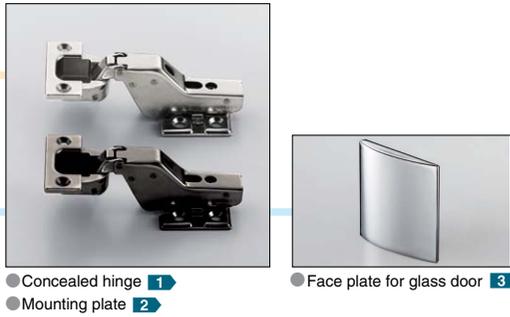
Refer to 1 4 : P.108, 2 : P.110, 3 : P.109, 5 : P.111, 6 : P.100

[How to Select Products]

Necessary Parts

In case of sheet metal door

In case of glass door

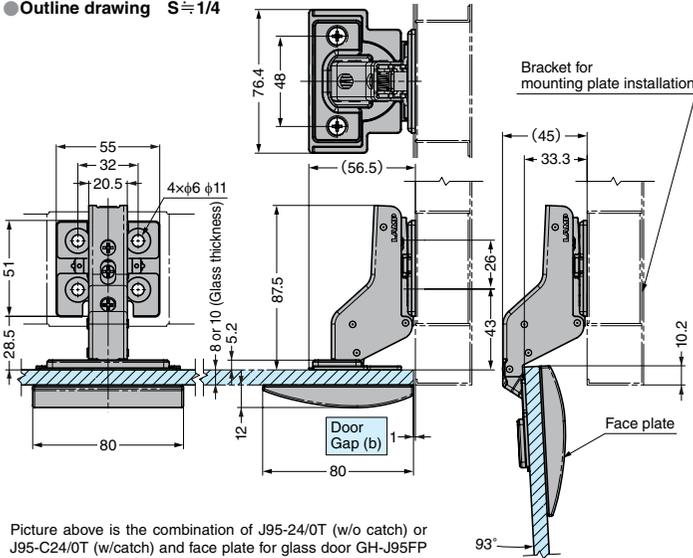


Optional Parts



In case of glass door

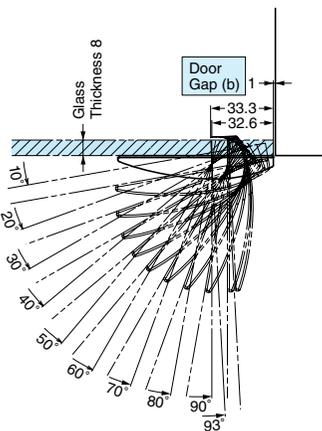
● Outline drawing S ≅ 1/4



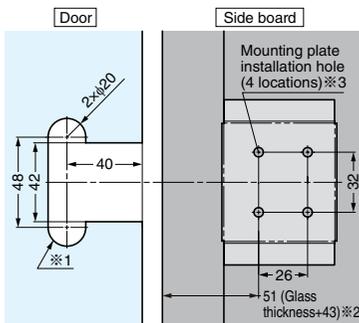
Picture above is the combination of J95-24/OT (w/o catch) or J95-C24/OT (w/catch) and face plate for glass door GH-J95FP (sold separately), mounting plate J95-P6T (sold separately).

● Locus chart S ≅ 1/4

(How to Use the Locus Chart 5)



● Cut out dimensions



- ※1: Use tempered glass.Scattering prevention film is recommended.
- ※2: The size is 53 when using 10mm thick glass door.
- ※3: Internal threads need to be made by welding nut or burring.

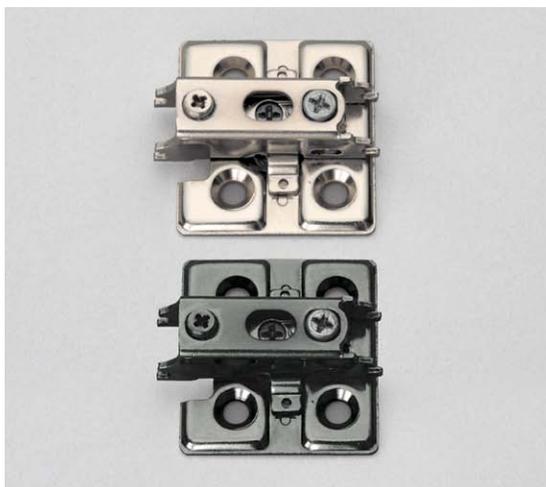
[Opening Clearance (O.C.)]

When using a concealed hinge, although door edge O.C.(A) and hinge side O.C.(B) are required, but for glass door, hinge side O.C.(B) is 0 (zero) because the door thickness (glass thickness) is much thinner than that of the wooden door.Besides, O.C.(A) is identical to Table-3 7 .

[Door Dimensions and Number of Hinges] 8

Refer to 1 7 : P.106, 2 5 : P.108, 3 : P.110, 4 : P.109, 6 : P.111, 8 : P.100

MOUNTING PLATE J95-P6T For Heavy Duty Concealed Hinge J95



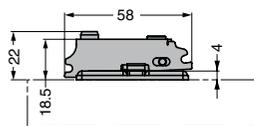
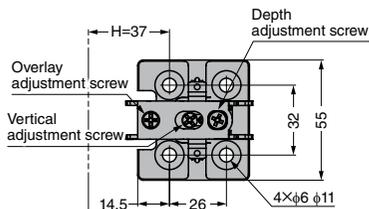
- Depth adjustment: +1.5, -2.5mm
- Vertical adjustment: ± 3 mm
- Overlay (horizontal) adjustment: +0, -4mm
- Value of H: Door thickness +42mm in use of INSET type.

[Sold Separately]

- Cover for mounting plate J95ZC-GR [1](#)

[Recommended Screws]

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



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

Refer to [1](#) : P.108

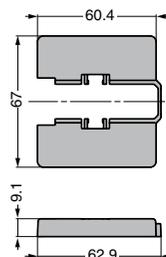
COVER FOR MOUNTING PLATE J95ZC For Heavy Duty Concealed Hinge J95 Series



- For hiding screw holes of mounting plate [1](#).
- Mounting plate adjustable horizontally, vertically and in depth even after installation.

[Remarks]

- Do not bend by force. Otherwise, it may be damaged.



[With Safety Cover and Mounting Plate Cover]

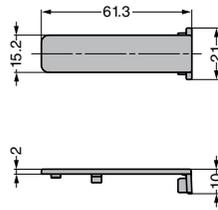


Picture above is for 25mm overlay.

RoHS	CAD	Item Code	Item Name	Material	Finish	Weight (g)	Box (pcs)
		160-032-766	J95ZC-GR	ABS	Grey	9	500
		160-034-743	J95ZC-NI		Nickel	9	500

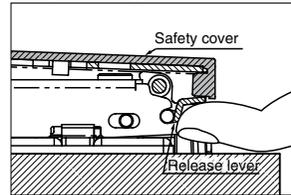
Refer to [1](#) : P.108

SAFETY COVER J95SC-25 For Heavy Duty Concealed Hinge J95 25mm Overlay



- Nickel plating finish is newly launched.
- For hiding screw holes.

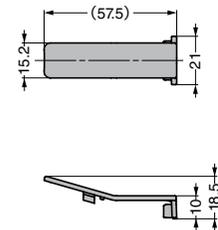
[Fall-preventing]



Safety cover can lock the release lever of J95 body, preventing door from falling-off due to misoperation.

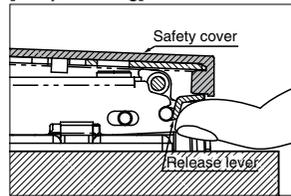
RoHS	CAD	Item Code	Item Name	Material	Finish / Colour	Weight (g)	Box (pcs)
		160-032-763	J95SC-25GR	ABS	Grey	3	500
		160-034-673	J95SC-25NI		Nickel	9	500

SAFETY COVER J95SC-16 For Heavy Duty Concealed Hinge J95 16mm Overlay



- Nickel plating finish is newly launched.
- For hiding screw holes.

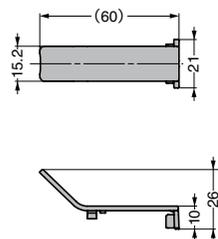
[Fall-preventing]



Safety cover can lock the release lever of J95 body, preventing door from falling-off due to misoperation.

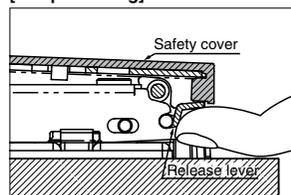
RoHS	CAD	Item Code	Item Name	Material	Finish / Colour	Weight (g)	Box (pcs)
		160-032-764	J95SC-16GR	ABS	Grey	3	500
		160-034-674	J95SC-16NI		Nickel	9	500

SAFETY COVER J95SC-0 For Heavy Duty Concealed Hinge J95 Inset



- Nickel plating finish is newly launched.
- For hiding screw holes.

[Fall-preventing]



Safety cover can lock the release lever of J95 body, preventing door from falling-off due to misoperation.

RoHS	CAD	Item Code	Item Name	Material	Finish / Colour	Weight (g)	Box (pcs)
		160-032-765	J95SC-0GR	ABS	Grey	3	500
		160-034-675	J95SC-0NI		Nickel	9	500

TORQUE HINGES

DAMPER HINGES

LIFT ASSIST HINGES

DETENT HINGES

CONCEALED HINGES

BUTT HINGES

PIANO HINGES

STEP HINGES

LIFT-OFF HINGES

PIVOT HINGES

SPRING HINGES

CLEAN ROOM HINGES

HINGES FOR ALUMINIUM FRAME

DROP HINGES

GLASS DOOR HINGES

SPECIAL HINGES