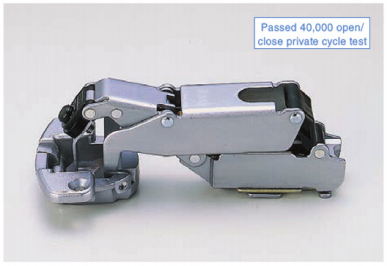
170° Opening | **9mm Overlay** | Overlay 5~10mm | Cup Dia ϕ35 Bore Depth 11mm Door Thickness 15~20mm | Mounting Plate 1 100 Series

CONCEALED HINGE 170



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

●Opening angle can be adjusted 140° ~ 170° degrees by turning the adjustment dial on the hinge.

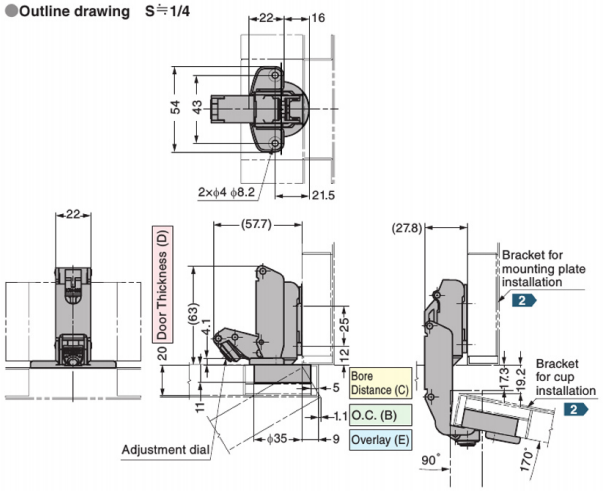
[Sold Separately]
●100 series mounting plate 1

[Recommended Screws]
●M4 raised countersunk head screw

RoHS	CAD	Item Code	Item Name	Description	Material	Finish	Weight (g)	Box (pcs)
G	3D	160-073-392	170-34/9	Without Catch	Zinc Alloy	Satin	132.8	100
G	3D	160-073-402	170-C34/9	With Catch	(ZDC)	Chrome	140.6	100

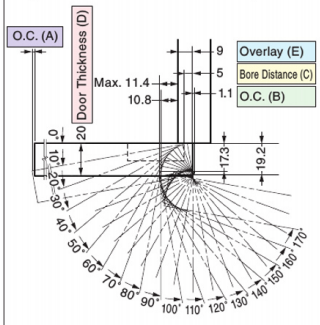
A mounting plate (sold separately) is required for installation. Please order separately.

●Outline drawing S≒1/4

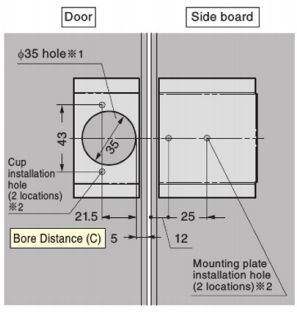


Picture above is the combination of 170-34/9 or 170-C34/9 (w/catch) and mounting plate 100-03A (sold separately).

●Locus chart S≒1/4
(How to Use the Locus Chart 3)



●Cut Out Dimensions For metal door



※1: Support the cup bottom at position of 11mm deep.
※2: Internal threads need to be made by welding nut or burring.

[Bore Distance (C)] Table-1

Bore Distance (C)	3	4	5	6
Overlay (E)	7	8	9	10

For standard type shown in the table above mounting plate 0mm thickness.
Turning the overlay adjustment screw or using spacer (2mm thickness) to adjust overlay (Max. -6mm).

[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
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0.1	0.1	0	0
19	1.0	0.6	0.2	0
20	2.3	1.7	1.1	0.6
21※	3.5	2.6	2.0	1.5
22※	4.4	3.5	2.9	2.2
	O.C. (B)			

※The above table is O.C. (B) for 0~90° opening. Please refer to the locus chart if door thickness is over 20mm. (O.C. (B) can be made smaller by R chamfering (round chamfer) and C chamfering (chamfer plane) on the door).

[O.C.(A)] Table-3

Door Thickness (D)	O.C. (A) Door Width 300	Door Width 400	Door Width 500
15	0.7	0.5	0.5
20	0.7	0.5	0.5
22	0.7	0.5	0.5

[Door Dimensions and Number of Hinges] 4

Refer to 1 : P.125~128, 2 : P.131, 3 : P.111, 4 : P.110