

93° Opening

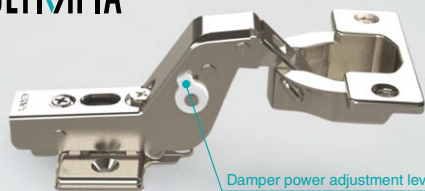
Inset

Cup Dia $\phi 40$ Bore Depth 15mm
Recommended Door Thickness 18~30mmMounting Plate 1
OLYMPIA Series

CONCEALED HINGE H360 Thick Doors / Inset / 93° opening

OLYMPIA

With damper function (5 levels)



Damper power adjustment lever

[Specifications]

- Cup size: $\phi 40$ / Bore Depth: 15 mm / Door Thickness: 18~30 mm
- 3D adjustment: Depth: +1.7, -2.8 mm, Vertical: ± 2.5 mm, Overlay: +0, -4 mm

[Sold Separately]

- Mounting plates, Glass door face plate, Countersunk head tapping screw 3.5 x 15NI, etc.

[Recommended Screws]

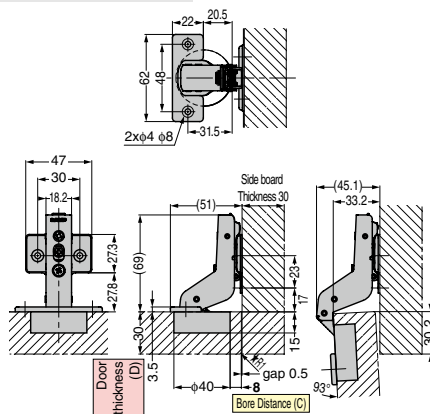
- Countersunk head wood/tapping screw 3.5

The picture above shows a combination of a concealed hinge (with damper) and a mounting plate (sold separately).

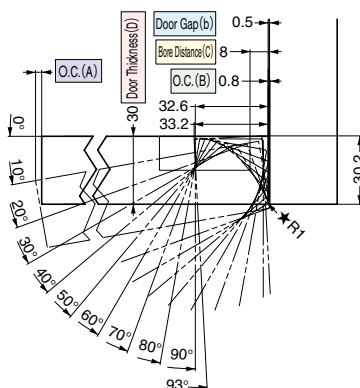
RoHS	CAD	Item Code	Item Name	Opening Angle	Type	Material	Finish	Box (pcs)
		160-029-086	H360-D26-0T	93°	With damper (5 levels)	Steel	Nickel	100
		160-029-083	H360-26-0T		Without catch			100
		160-029-080	H360-C26-0T		With catch			100

► The installation drawing and locus chart shown are for a 30 mm thick door and side board, a 8mm bore distance and inset installation.

Installation drawing



Locus chart



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

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.

Opening clearance (B), door thickness (D) and bore distance (C) relationship

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	0	0	0	0	0
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	0.9	0.5	0.5	0.5	0.5
30	3.9	2.9	4.0	3.3	2.7	2.2
32*	5.9	4.9	4.0	3.3	2.7	2.2
34*	8.1	7.1	6.1	5.2	4.6	4.0
O.C. (B)						

* The table above shows O.C. (B) for ★R1 chamfering.

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

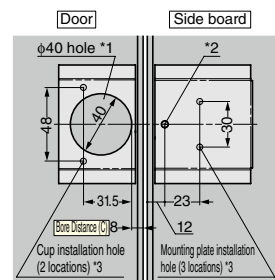
Bore distance (C) and Door Gap (b) relationship

Bore Distance (C)	3	4	5	6	7	8
Door Gap (b)	5.5	4.5	3.5	2.5	1.5	0.5

Door Gap (b) adjustment (+4mm) by turning the overlay adjustment screw. Please check required O.C. (B) at the table below.

Refer to 1 P.181~P.182

Cut out dimensions (steel doors)



*1: Please set the bottom of the cup at a depth of 11mm.

*2: Please chamfer this mounting hole. ($\phi 5.1$)

*3: Internal threads need to be made by welding nut or burning.

Opening clearance (A) and door width relationship (for 30mm thick door)

Door Width	300	400	500	600
O.C. (A)	0.78	0.55	0.43	0.35