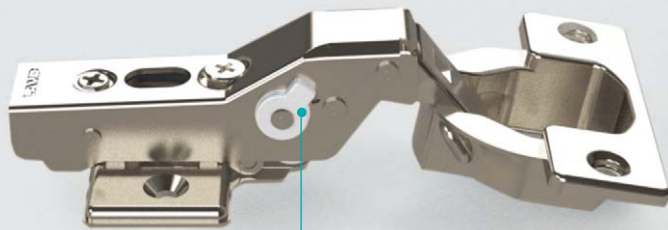


Thick doors 16 mm overlay / 100° opening

LAMP®

With damper function (5 levels)



Damper power adjustment lever

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

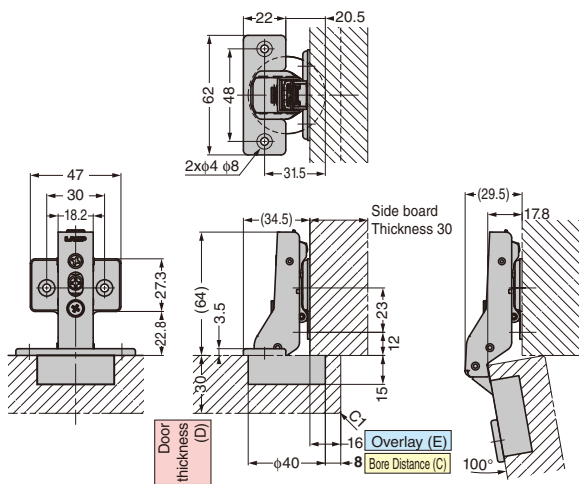
Overlay 12-16mm (when bore distance is 8mm)
Cup size $\phi 40$ Bore Depth 15mm Door Thickness 18-30mm
3D adjustment Depth: +1.7, -2.8mm, Vertical: ± 2.5 mm, Overlay: +0, -4mm

Sold separately:

- Mounting plates
- Countersank head tapping screw 3.5 x 15N1
- Recommended screws: (Countersank head wood/tapping screw 3.5)

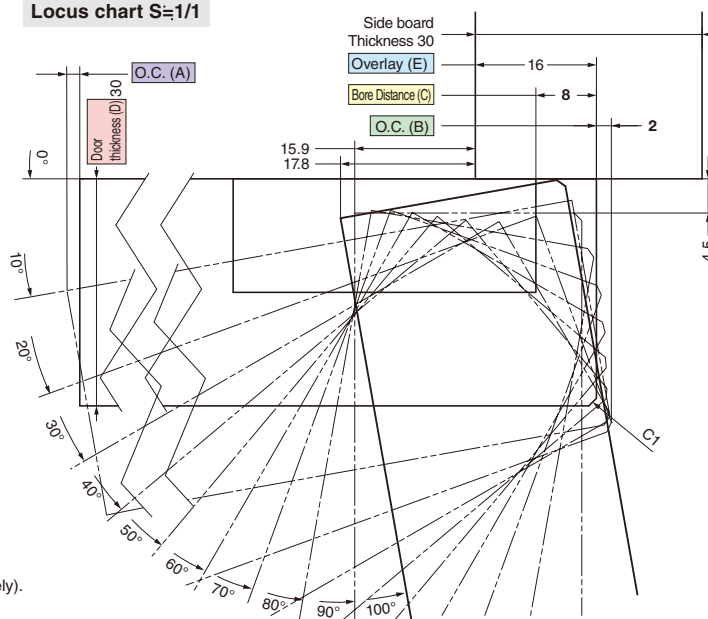
The installation drawing and locus chart shown are for a 30 mm thick door and side board, 16mm overlay and a 8mm bore distance.

Installation drawing



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

Locus chart $S=1/1$



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	0.1	0.1	0.1	0.1	0.1	0.1
20	0.3	0.3	0.3	0.3	0.3	0.3
22	0.5	0.5	0.5	0.5	0.5	0.5
24	0.8	0.8	0.8	0.8	0.8	0.8
26	1.3	1.2	1.2	1.1	1.1	1.1
28	3.6	2.6	1.6	1.6	1.5	1.5
30	6.0	5.0	4.0	3.0	2.1	2.0
32*	8.4	7.4	6.4	5.4	4.4	3.4
34*	10.8	9.8	8.8	7.8	6.8	5.8

O.C. (B)

* The table above shows O.C. (B) for C1 chamfering (chamfer plane).

* 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 overlay (E) relationship

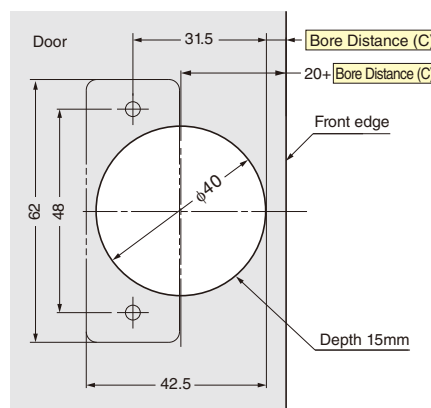
Bore Distance (C)	3	4	5	6	7	8
Overlay (E)	11	12	13	14	15	16

Overlay can be decreased by up to 4mm by turning the overlay adjustment screw.

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

Door Width	300	400	500	600
O.C. (A)	0.35	0.25	0.19	0.16

Cut out dimensions (wooden doors)

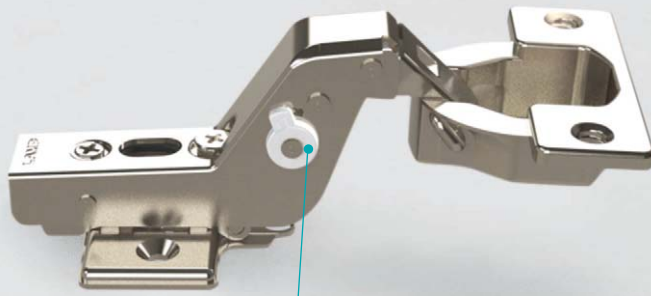


Item code	Item name	Opening angle	Type	Material	Finish	Carton
NEW CAD G 160-029-085	H360-D26-16T	100°	With damper (5 levels)	Steel	Nickel	100pcs
NEW CAD G 160-029-082	H360-26-16T		Without catch			
NEW CAD G 160-029-079	H360-C26-16T		With catch			

Thick doors Inset / 93° opening



With damper function (5 levels)



Damper power adjustment lever

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

Cup size $\phi 40$
Bore Depth 15mm Door Thickness 18-30mm

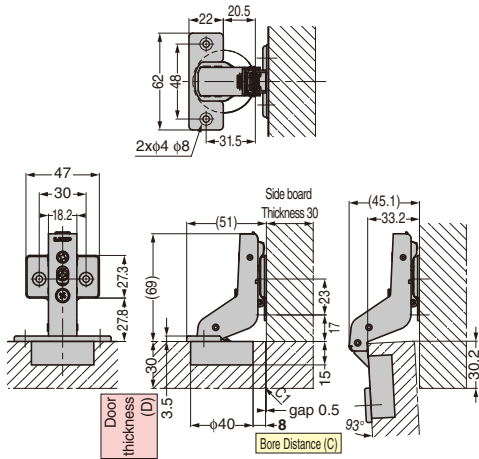
3D adjustment
Depth: +1.7, -2.8mm, Vertical: ± 2.5 mm,
Overlay: +0, -4mm

Sold separately:

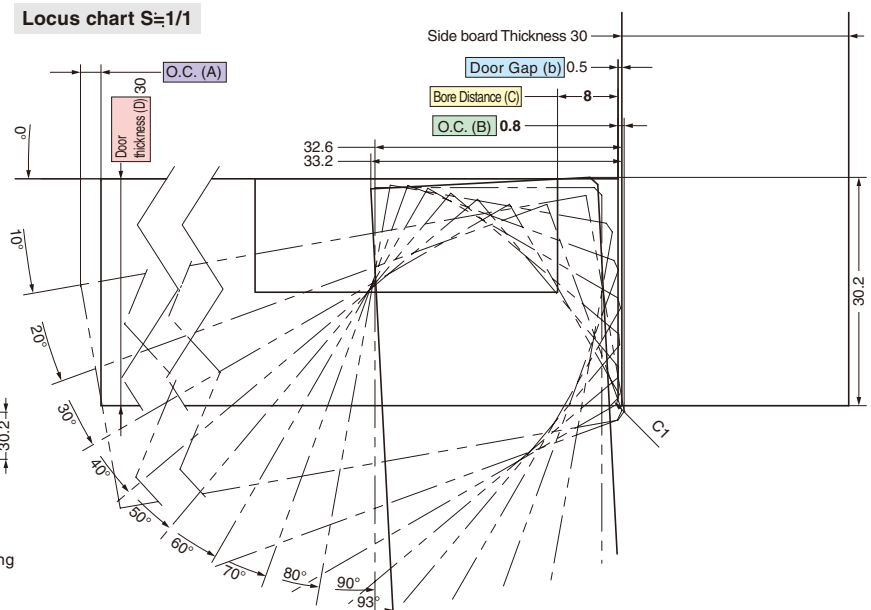
- Mounting plates
- Countersunk head tapping screw 3.5 x 15NI
- Recommended screws: (Countersunk head wood/tapping screw 3.5)

► 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 S=1/1



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

Opening Clearance (O.C.)

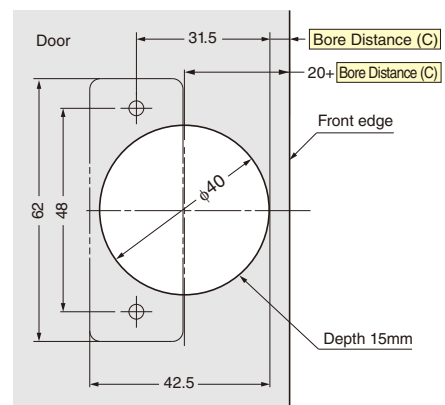
Clearances for door edge O.C. (A) and hinge side O.C. (B) are necessary. O.C. (A) and (B) change depending on door thickness and bore distance (C). Refer to locus chart and tables below when designing cabinets.

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	0.7	0.5	0.5	0.5	0.5	
30	3.9	2.9	2.0	1.4	0.8	0.8	
32*	5.9	4.9	3.9	3.3	2.6	2.1	
34*	8.1	7.1	6.1	5.1	4.5	3.9	

O.C. (B)

Cut out dimensions (wooden doors)



* The table above shows O.C. (B) for C1 chamfering (chamfer plane).

* 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.

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

Item code	Item name	Opening angle	Type	Material	Finish	Carton
NEW CAD 160-029-086	H360-D26-0T	93°	With damper (5 levels)	Steel	Nickel	100pcs
NEW CAD 160-029-083	H360-26-0T		Without catch			
NEW CAD 160-029-080	H360-C26-0T		With catch			

