

Half Overlay (16mm Overlay) Heavy Duty Concealed Hinge - Assembly Instructions



A concealed hinge for larger doors with a significantly increased load bearing capacity.

Ideal for wardrobe doors up to 800mm wide and weighing up to 25kgs with just two hinges, and up to 900mm wide and weighing 40kgs with 3 hinges.

Mounts into a 40mm hole.

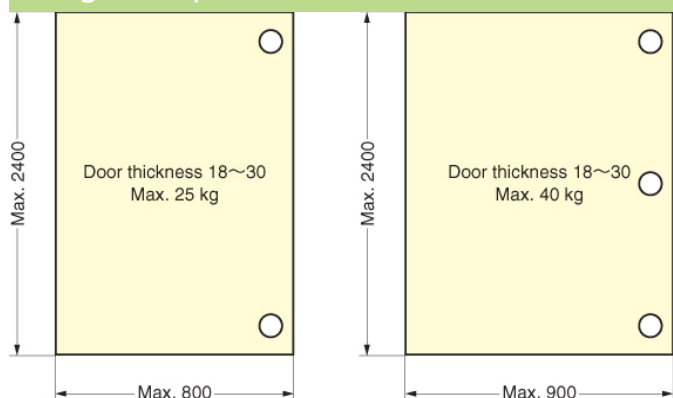
Only two hinges needed for 25kg door

Only three hinges needed for 40kg door

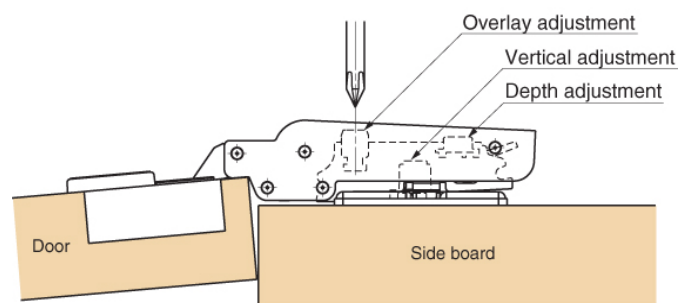
3 Way Adjustment function by mounting plate (depth + 1.5mm / -2.5mm, vertical +/- 3.0mm, horizontal (overlay) + 0mm / -4.0mm.

Snap on Mounting.

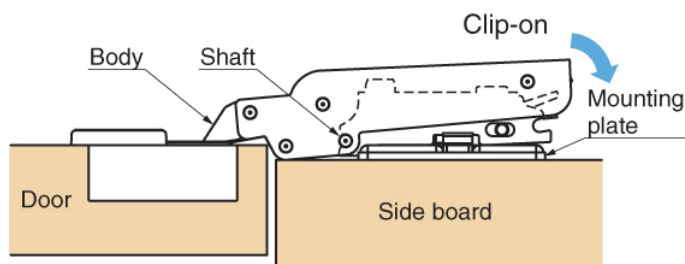
Hinges Required for Door Dimensions



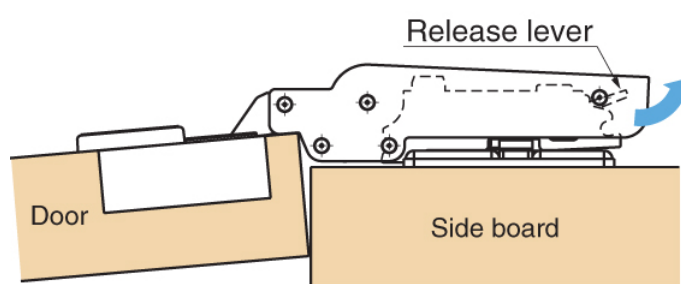
Easy and Fast Adjustment



How to Install

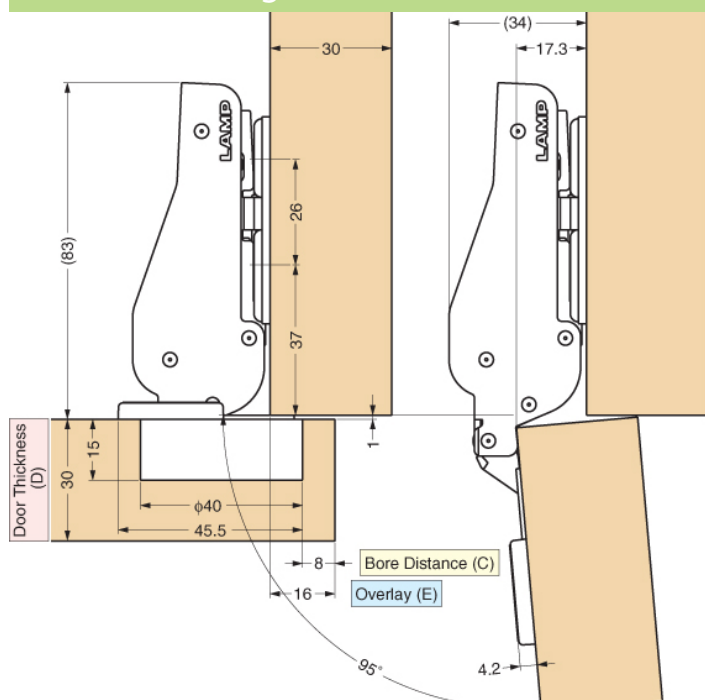


How to Release



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Outline Drawing



Clearance 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.

Handle Side Opening Clearance - O.C. (A)

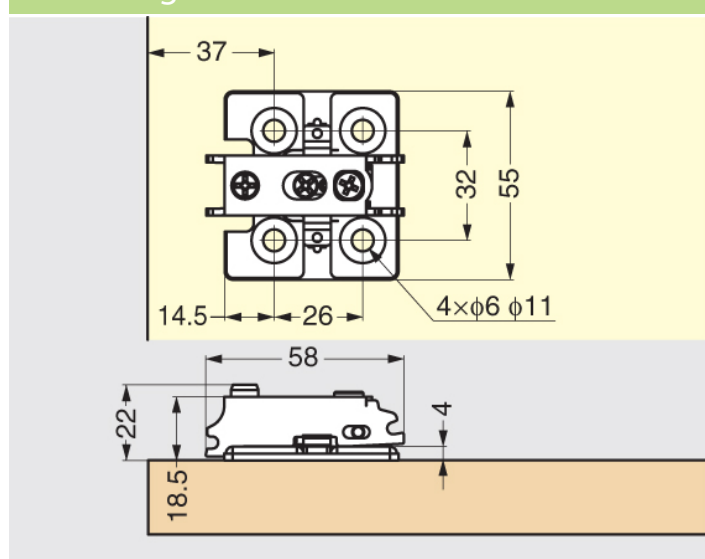
Door Thickness (D)	Door Width						
30mm	300	400	500	600	700	800	900
	0.50	0.30	0.30	0.20	0.20	0.20	0.20

Bore Distance - C

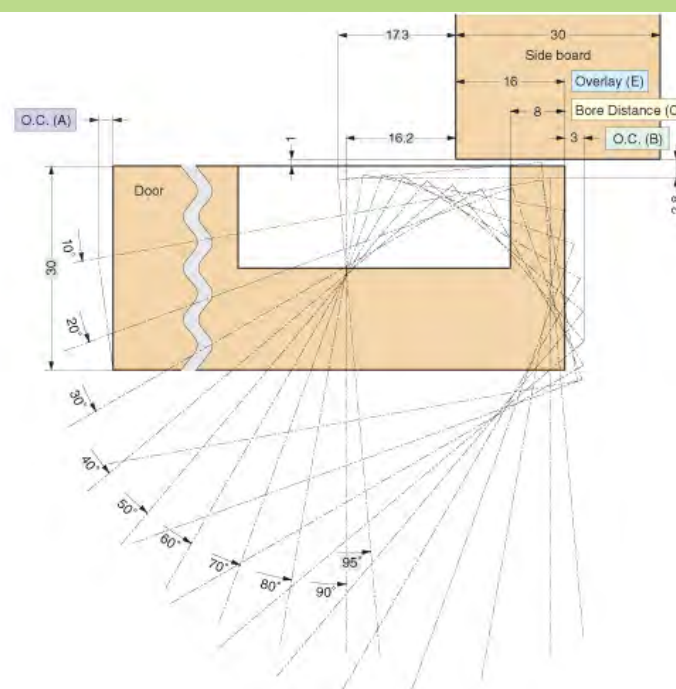
Bore Distance (C)	3	4	5	6	7	8
Overlay (E)	11	12	13	14	15	16

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

Mounting Plate Dimensions



Locus Chart

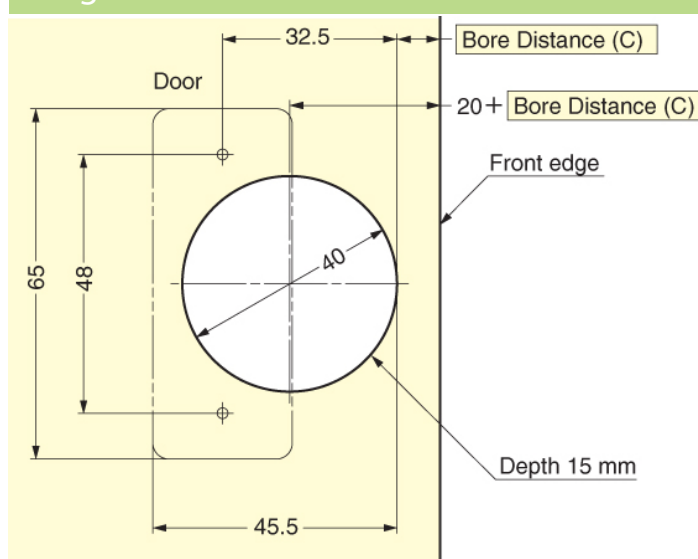


Hinge Side Opening Clearance - O.C. (B)

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

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

Hinge Boss Cut Out Dimensions



Use Size 5 Countersunk Screws for fixing.