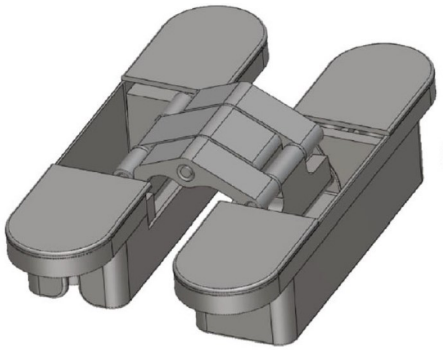
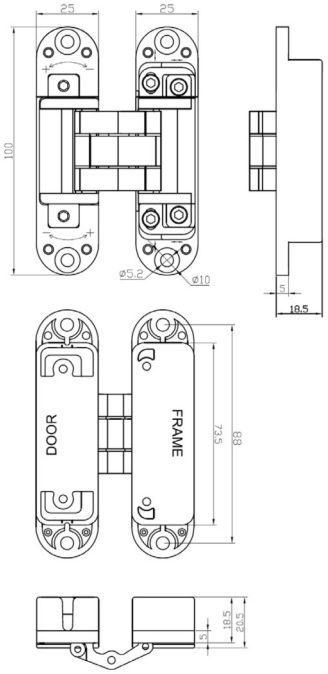
DURABLE COLLECTION

DCHZA-50 SERIES

INSTALLATION MANUAL





Technical Specifications

Model: DCHZA-50

- Minimum door thickness: 35 mm
- Door leaf weight with 2 hinges: Maximum 50 kg
- Door leaf weight with 3 hinges: Maximum 60 kg
- Height adjustment range: -2.0 to +2.0 mm
- Side adjustment range: -1.5 to +1.5 mm
- Depth adjustment range: -1.5 to +1.5 mm
- Maximum distance to mortise edge toward door surface: 3 mm

(1) The door leaf dimensions of 926 x 2040 mm are used as a reference. The required number of hinges depends on the door's dimensions and weight.

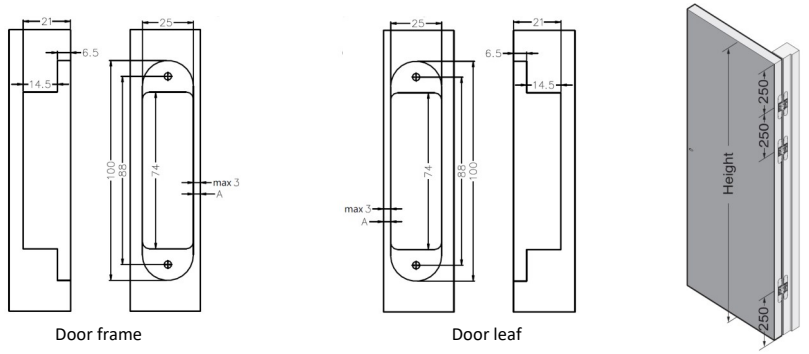
(2) Generally, the factory setting is in the middle position: the standard door gap is 2 mm.

(3) Packaging Contents: 1 hinge, 8 M5x16mm machine screws, 8 self tapping wood screws

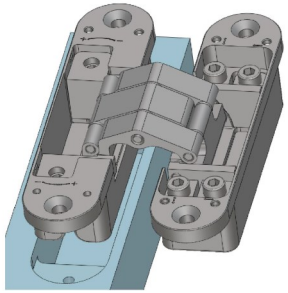
Door height (mm)	Load Capacity Chart (kg) - 2 Hinges						
2200	50	50	50	50	43	39	36
2100	50	50	50	47	42	37	34
2000	50	50	50	43	38	35	33
1900	50	50	50	40	36	34	31
Door Width (mm)	700	800	900	1000	1100	1200	1300

Door height (mm)	Load Capacity Chart (kg) - 3 Hinges						
3000	60	60	60	60	60	60	60
2900	60	60	60	60	60	60	60
2800	60	60	60	60	60	60	56
2700	60	60	60	60	60	60	52
2600	60	60	60	60	60	56	48
2500	60	60	60	60	60	52	45
2400	60	60	60	60	56	48	42
2300	60	60	60	60	53	45	40
2200	60	60	60	58	50	42	38
2100	60	60	60	54	47	39	36
2000	60	60	60	50	43	37	35
Door Width (mm)	700	800	900	1000	1100	1200	1300

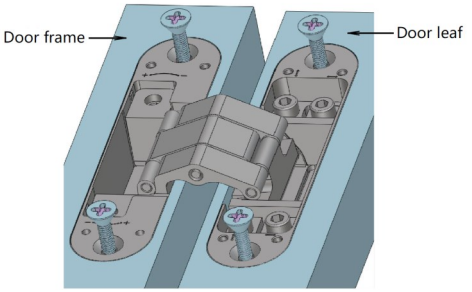
A. Cutout



B. Installation Steps

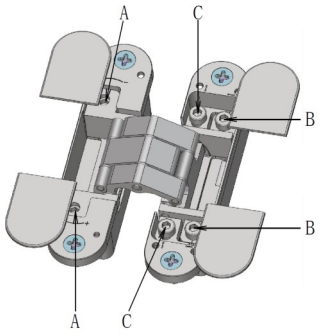


As shown in Figure 1, place the side marked "DOOR" into the hole in the door frame. Secure the product to the door frame using self-tapping screws or machine screws.



As shown in Figure 2, place the side marked "FRAME" into the hole in the door leaf. Secure the product to the door leaf using self-tapping screws or machine screws.

C. Adjustment



Depth Adjustment (+/- 1.5mm) : Use a hex key to adjust (A). Turning clock-wise increases the door gap, and turning counterclockwise decreases it. Note: Adjust both sides simultaneously!

Side Adjustment (+/- 1.5mm) : Loosen screw (B) by turning it counterclock-wise, make the necessary adjustments, then tighten it securely.

Height Adjustment (+/- 2mm) : Loosen screw (C) by turning it counterclock-wise, make the necessary adjustments, then tighten it securely.

Attention: Once installation is complete, attach the cover and repeatedly open and close the door several times to ensure everything functions correctly

For regular maintenance of the hinges, keep them clean and apply a small amount of grease (oil) as needed.