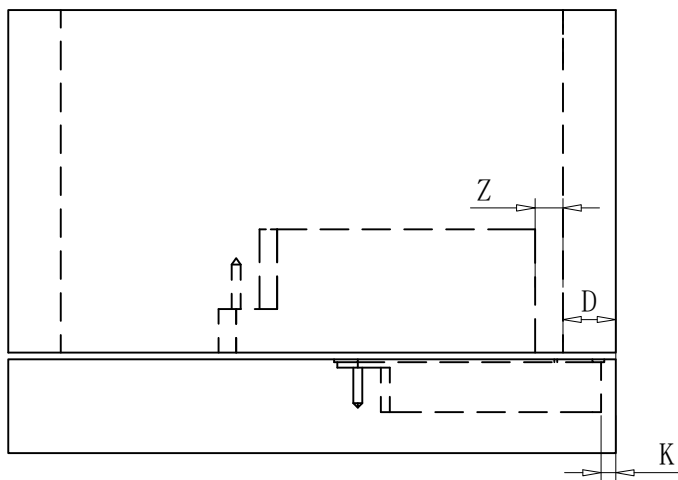
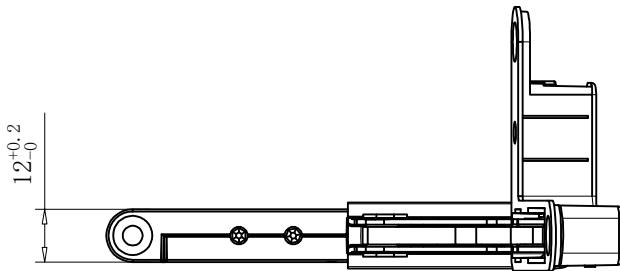
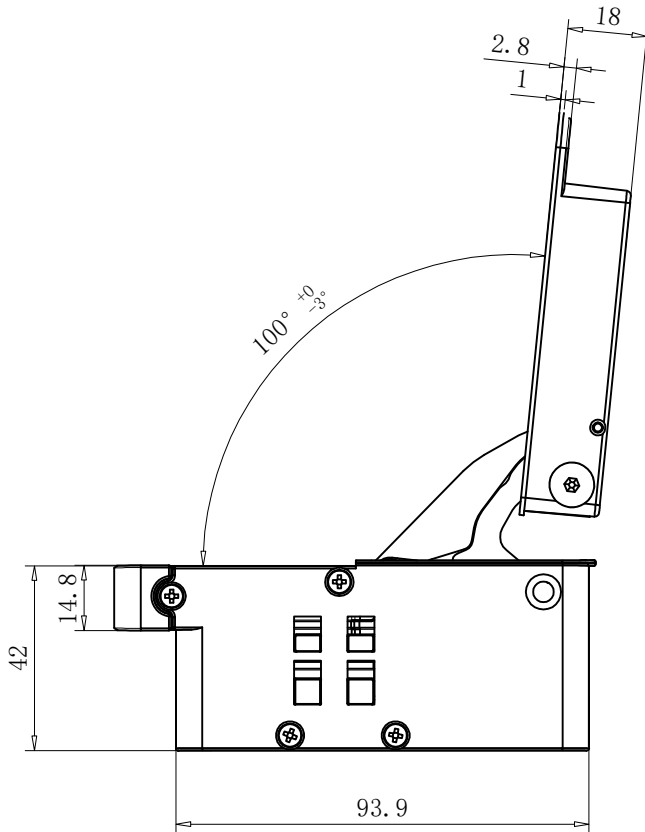


TECHNICAL SPECIFICATION:



PRODUCT INFORMATION:

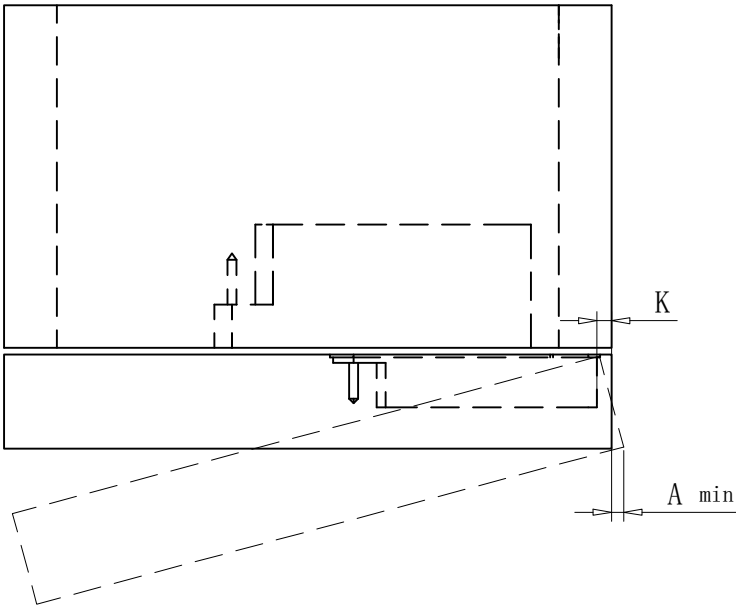
1. Suitable for 22-35mm thickness wooden doors and aluminum frame doors.
2. Maximum door size: height 2800mm, width 600mm, metal cup 18.0mm deep. The maximum door weighs 30KG.
3. Opening angle 100 degree.
4. Door panel drilling distance (K) value: 4-8mm for wooden doors, fixed value 4mm with aluminum frame doors.
5. Maximum overlay for wooden doors $D=30.0\text{mm}$, maximum overlay for aluminum frame doors $D=26.0\text{mm}$.
6. The gaps of the door to adjustable $+3.5\text{mm}/-0.5\text{mm}$
7. Adjustable for up and down $+1.0\text{mm}/-1.0\text{mm}$
8. Adjustable for overlay $+2.0\text{mm}/-2.0\text{mm}$
9. Materials: zinc alloy + manganese steel
10. Surface: black nickel plated

Full overlay (half overlay is realized by increasing Z value)
 Overlay position calculation formula : $Z=(23.5+K)-D$

D \ K	4	5	6	7	8
2.5	25	26	27	28	29
3.5	24	25	26	27	28
4.5	23	24	25	26	27
⋮	Overlay position by parity of reasoning				

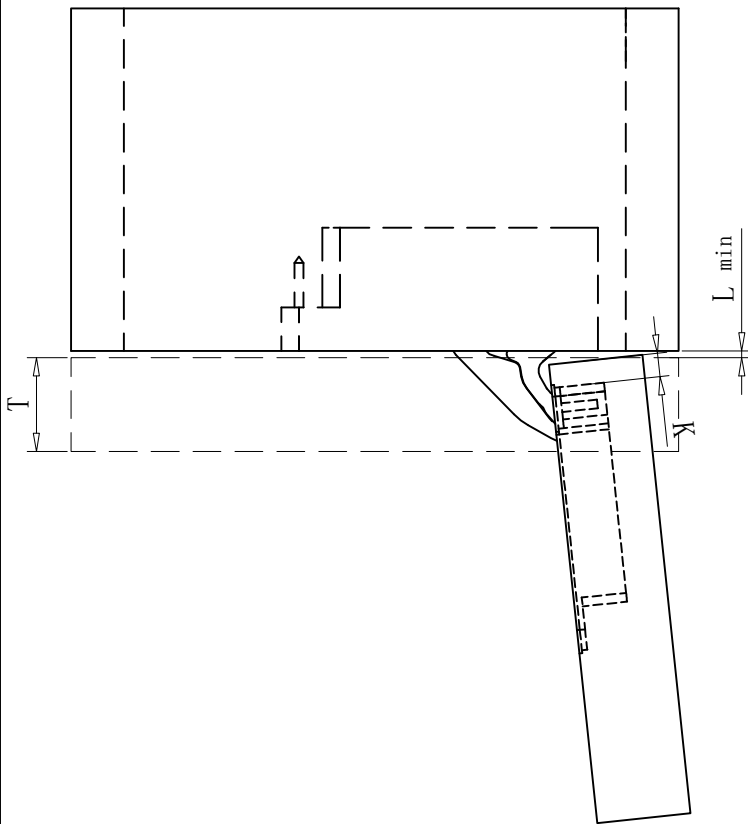
AF30 TRULY CONCEALED DOOR HINGE

The gap value required to open the doors



A \ T	22	24	26	28	30	32	35
4	0	0	0	0.1	0.3	0.5	1.6
5	0	0	0	0.1	0.3	0.5	1.6
6	0	0	0	0.1	0.3	0.5	1.6
7	0	0	0	0.1	0.3	0.5	1.6
8	0	0	0	0.1	0.3	0.5	1.6

K = Distance from door panel drilling to door panel edge
 T = Door panel's thickness
 A = The distance between door panel and side cabinet
 L = The distance between door panel and cabinet side panel

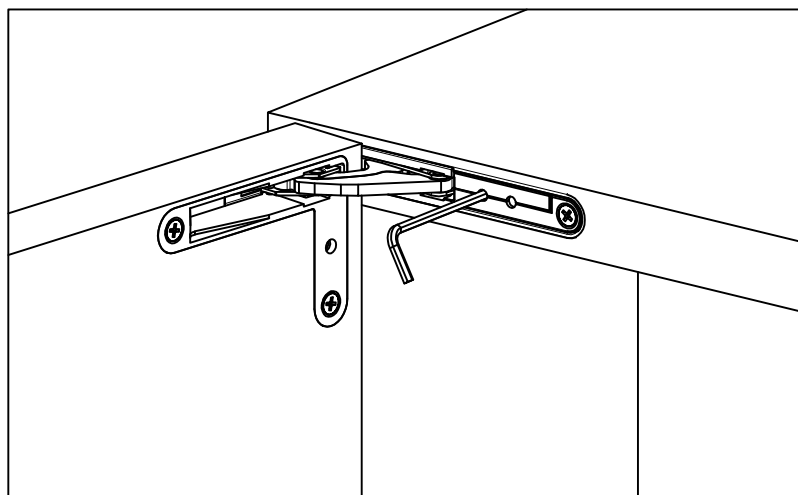
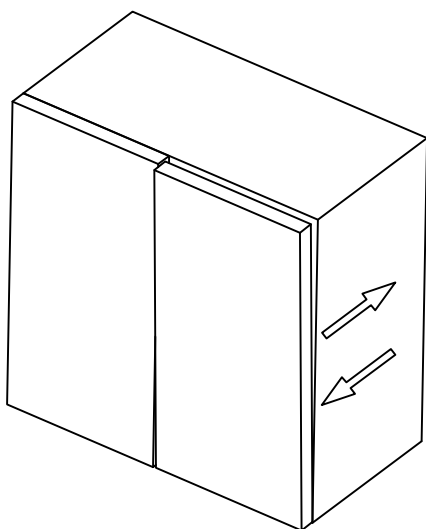


L \ T	22	24	26	28	30	32	35
4	1.0	1.0	1.0	1.0	1.0	1.0	1.0
5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
6	1.0	1.0	1.0	1.0	1.0	1.0	1.0
7	1.0	1.0	1.0	1.0	1.0	1.0	1.0
8	1.0	1.0	1.0	1.0	1.0	1.0	1.0

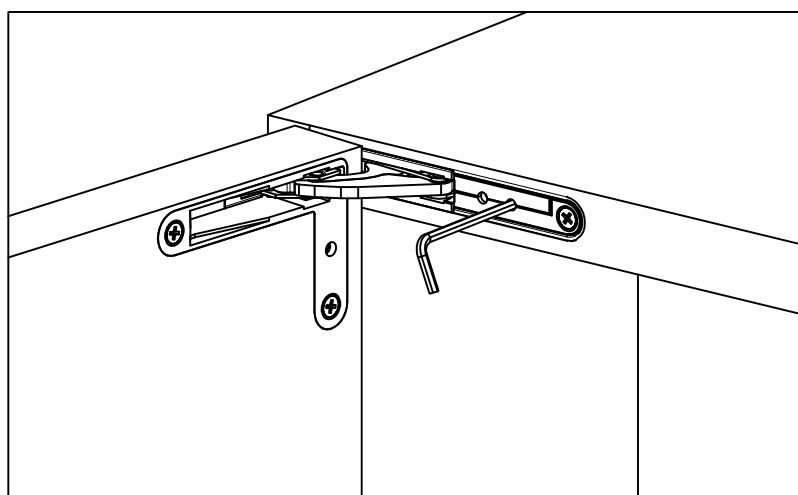
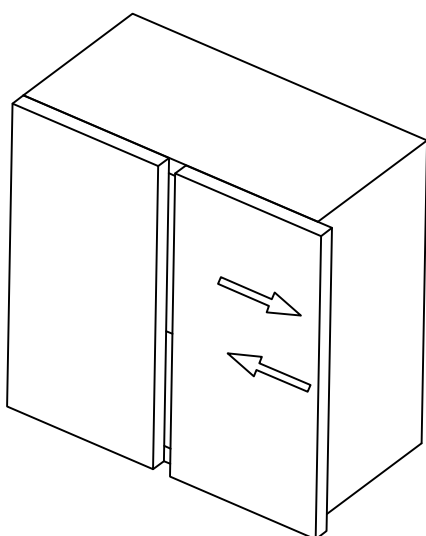
Note: The values in the form above are based on the fact that the edge of the door panel is a right Angle edge. If the edge of the door panel is a rounded corner edge, the values in the table will decrease accordingly.

CALIBRATION METHOD:

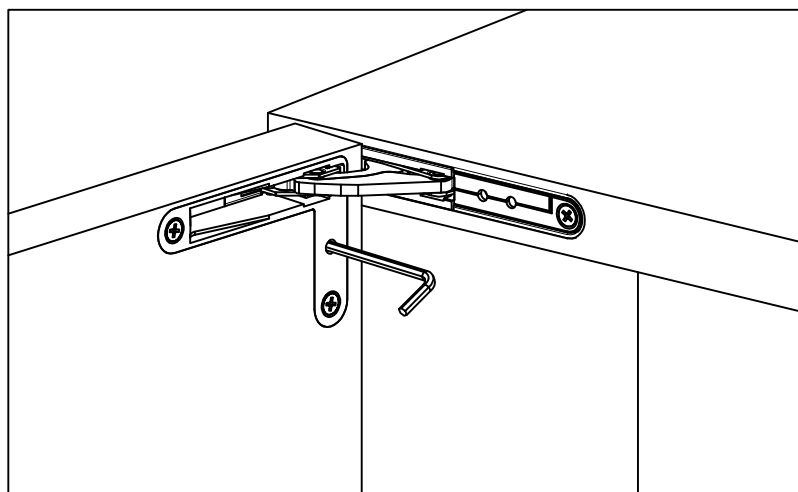
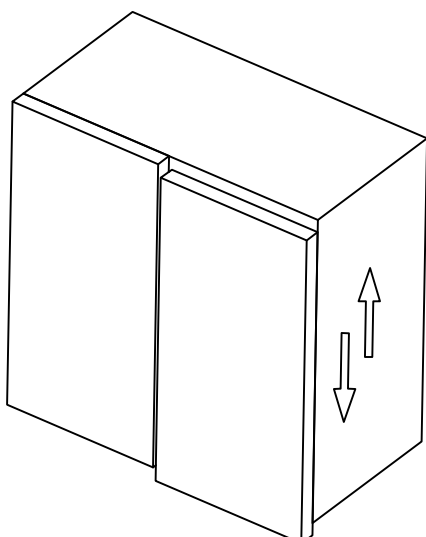
The door gaps adjustable range: +3.5/-0.5



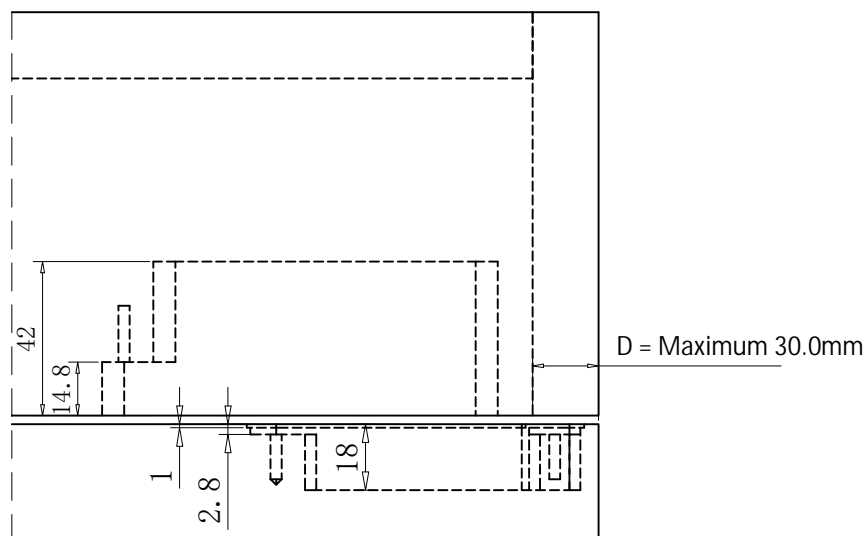
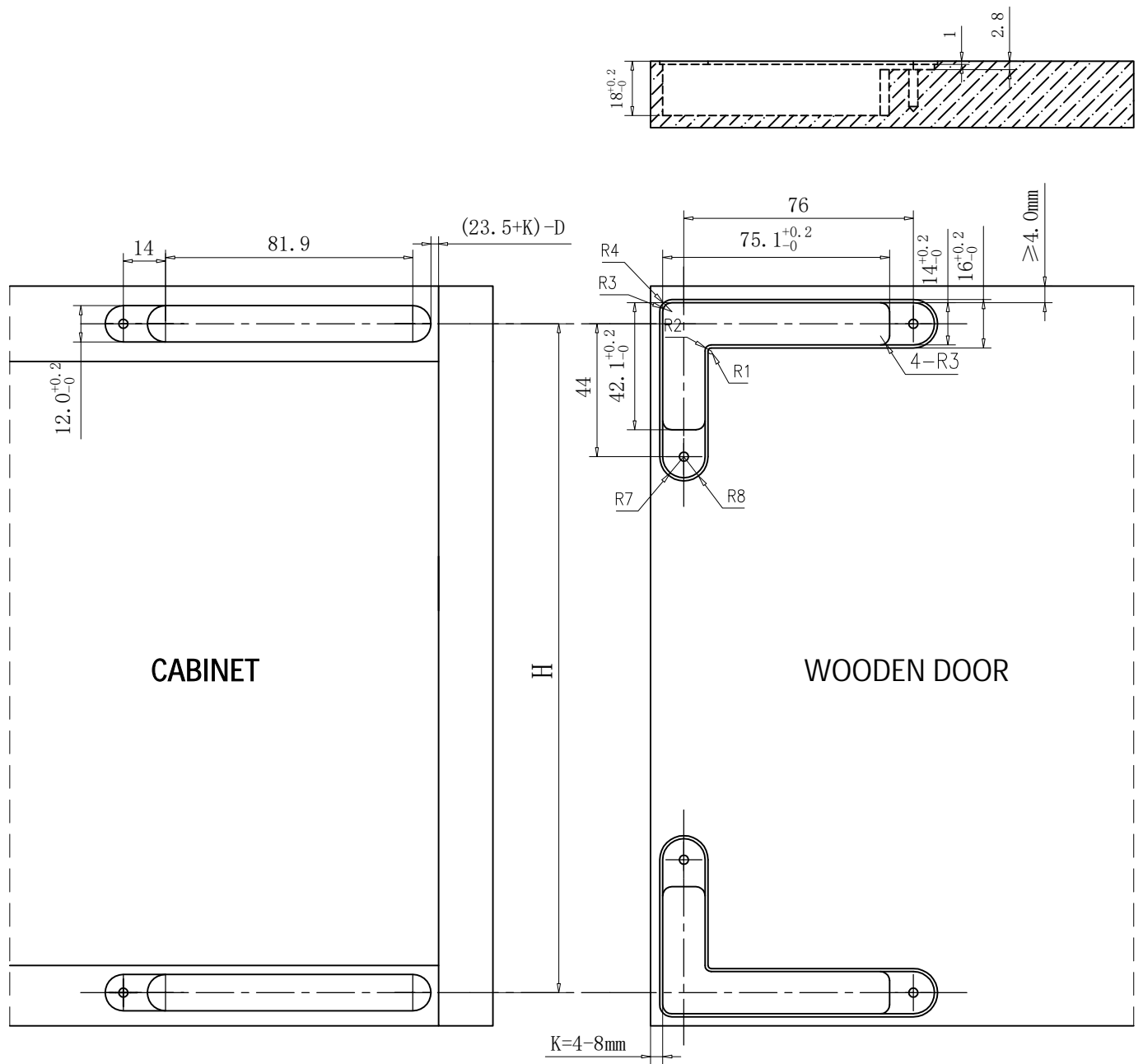
Overlay adjustable: +2.0/-2.0



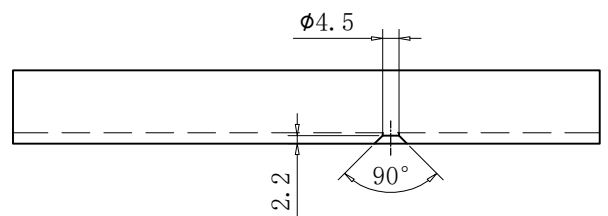
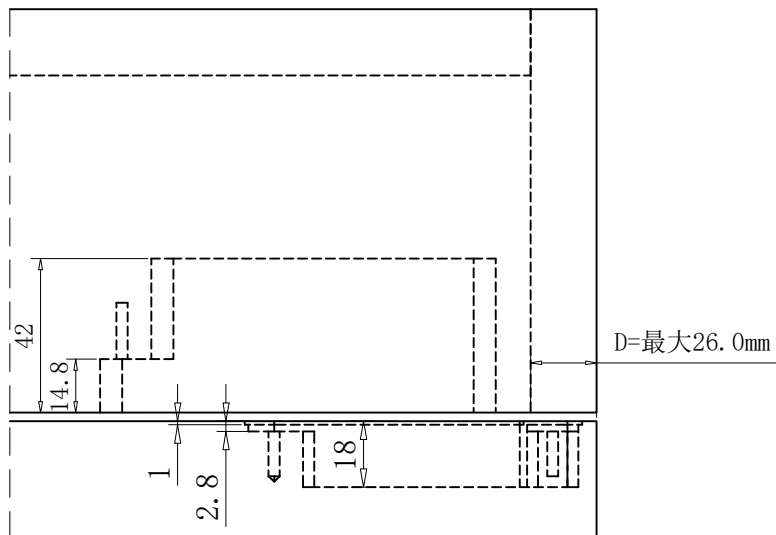
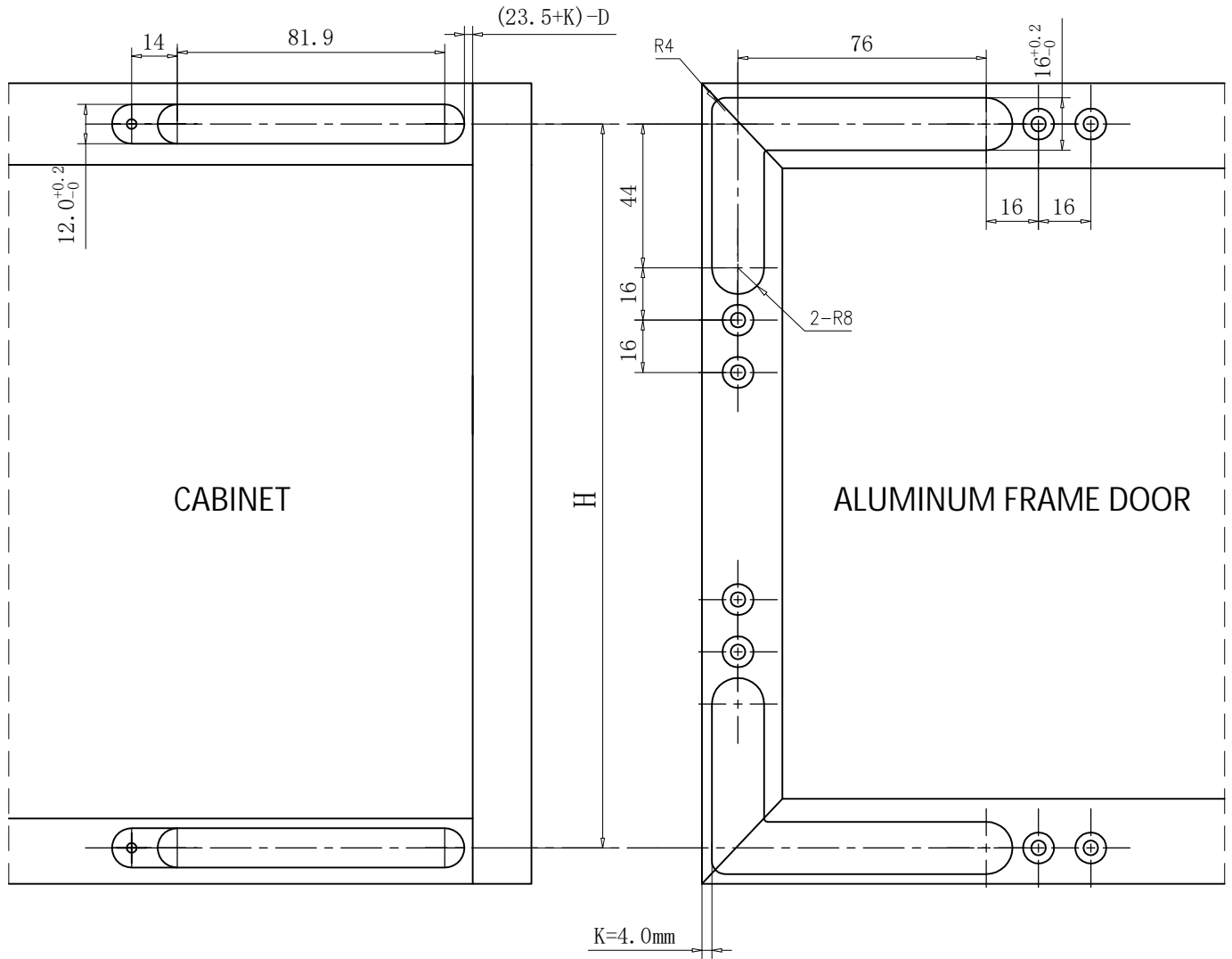
Up and down adjustable: +1.0/-1.0



WOODEN DOOR DRILLING DIMENSIONS:



ALUMINUM FRAME DOOR DRILLING DIMENSIONS:



Hole size of cabinet body for installing bottom box:

