

Adjusting the hinges

The door hinge N3248-110 TMKSS used allows for vertical and horizontal adjustment.

Door leaf adjustment up/down, see Figure 3

Remove the protective cap **1** from one door hinge (using a 5mm Allen key).

By turning the Allen bolt **2** below it clockwise (using a 5mm Allen key), the door leaf moves upwards (one full turn raises the door leaf by 1mm); turning it counter clockwise, the door leaf moves downwards. After the door leaf has risen to the desired height, adjust the other hinges in the same way so that the weight of the door leaf is evenly distributed between the hinges. Slightly tighten the upper protective caps **1**.

Adjusting the door leaf's side gaps inside the frame, see Figure 3

Open the door leaf so that you can easily access the frame-side fastening screws of the hinges. Loosen the middle hinge's fastening screws **3** by approx. 1.5 turns, using a Phillips screwdriver. Turn the adjusting bolts **4** clockwise (using a 4mm Allen key) to increase the door leaf's gap inside the frame on the hinge side (one full turn moves the door leaf by approx. 2mm). Tighten the adjusting bolts **4** all to the same depth; carefully tighten the fastening screws **3**. If necessary, make the same adjustments at the upper hinge. It is important that the axis of the middle hinge be in line with the axis of the upper and lower hinges. Finally, retighten the fastening screws **3** of all hinges.

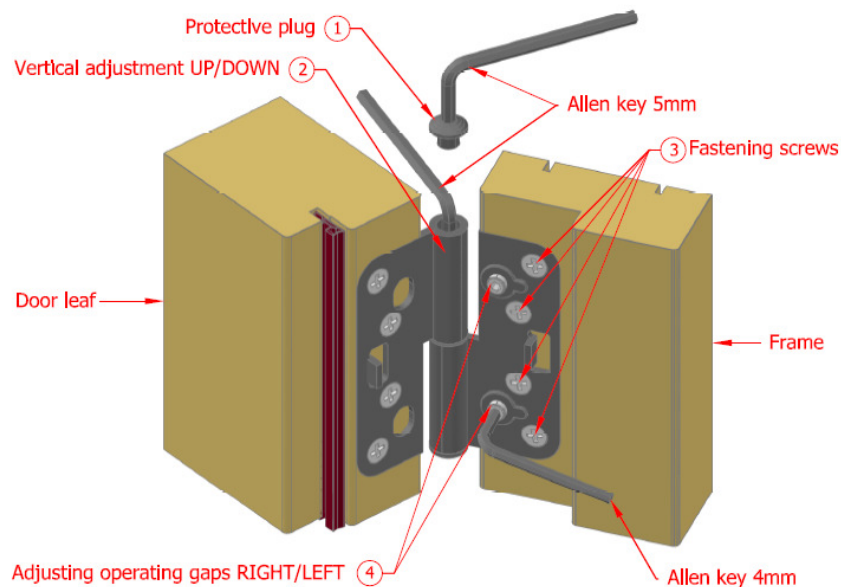


Figure 1. Adjusting the hinges

Remember: Adjusting the hinges corrects the position of the door leaf in relation to the frame (gaps); it is not possible to eliminate the warp of incorrectly installed frames. Regular lubrication of the door hinges twice a year improves their performance and prolongs their service life