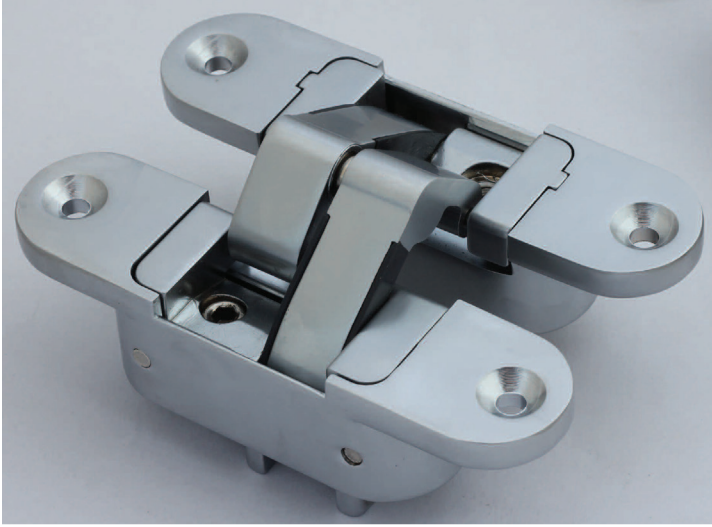


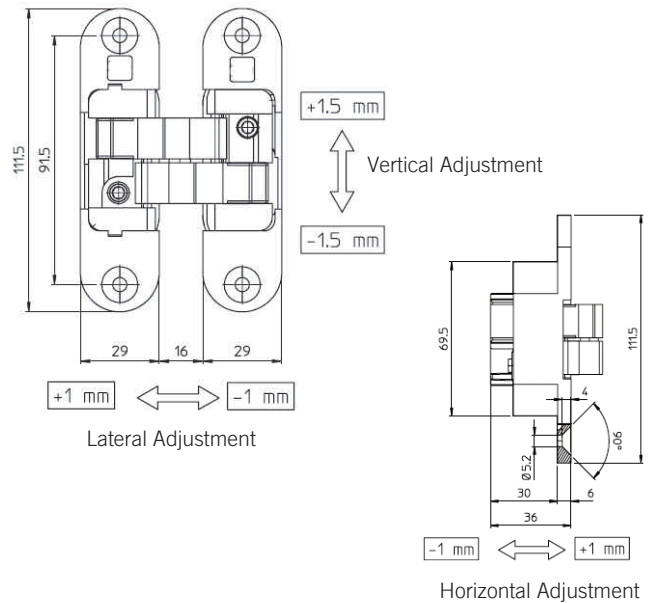
Fenestration Solutions Australia are excited to introduce the next generation of door hinges for the Australian market. The FENTEC® 3D Adjustable Concealed hinge.



The FENTEC® 3D Concealed hinge is not only aesthetically pleasing, when the door is closed, it is completely concealed, creating those clean lines that all home owners and architects want.

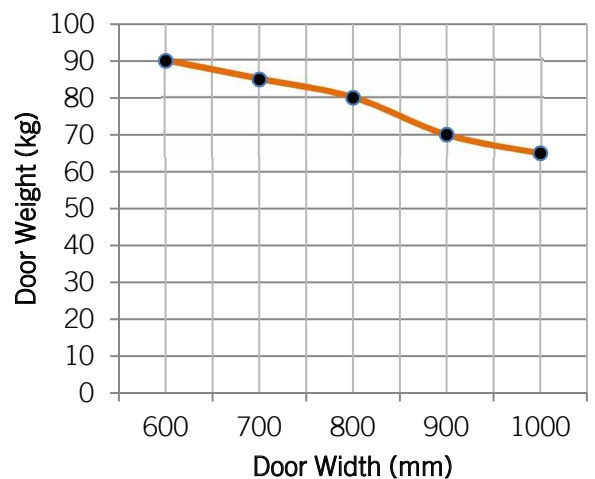
All 3 adjustments are possible without removing the door allowing builders, installers and homeowners the ability to make adjustments to accommodate for those annoying movements in our homes that cause jamming doors. No more repositioning hinges or having to plane the door, and when movement occurs again, you don't end up with big gaps from previous "alterations" - you just readjust.

The FENTEC® hinges have been tested to 200,000 cycles, comply with all European Standards and are made of high quality zamak with a Satin Chrome finish.

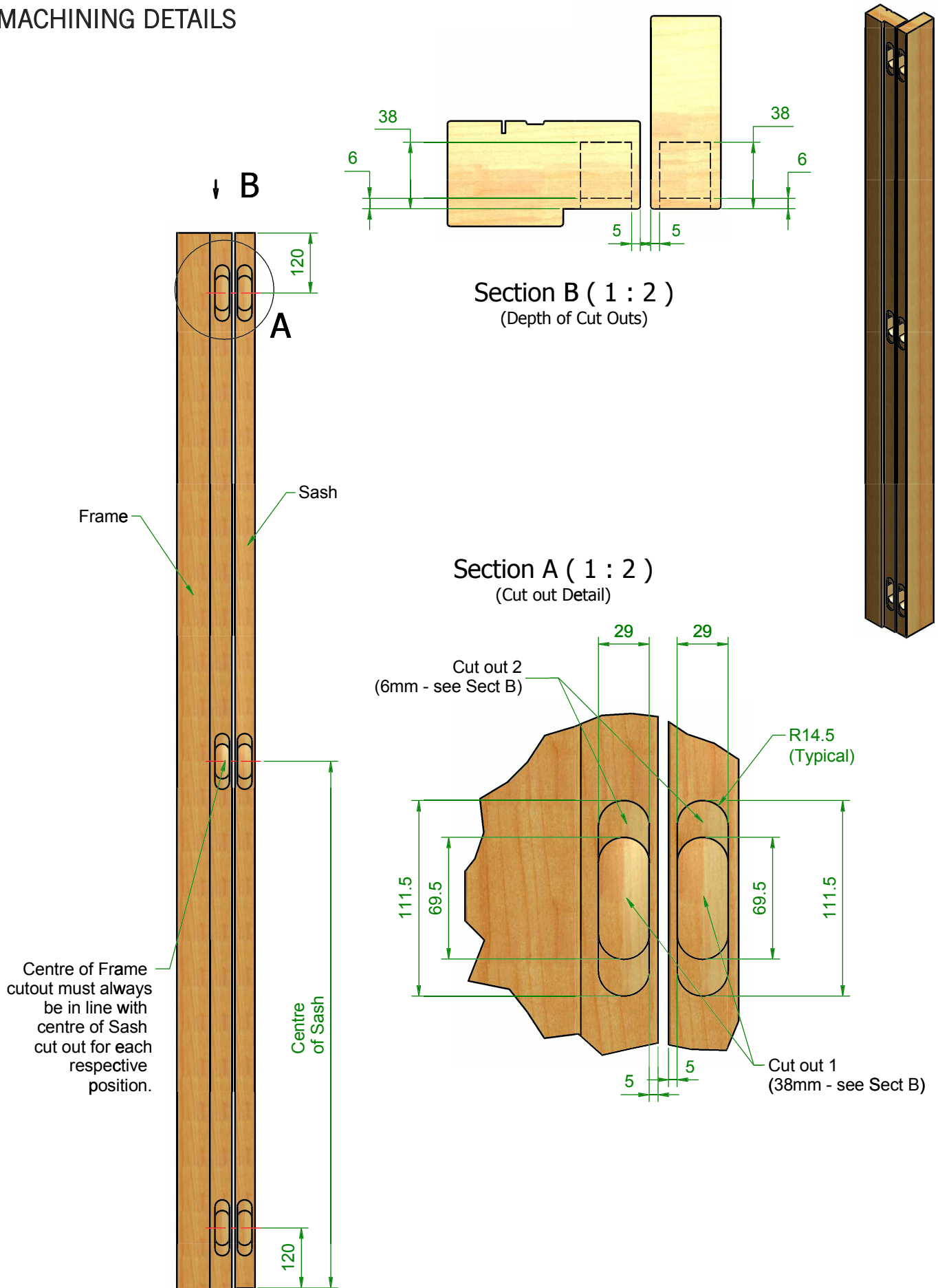


KEY FEATURES

- Fully adjustable in all 3 dimensions
- Adjustment is achievable without removing the door
- Radius ends for easier machining and installation
- 180° opening (where frame details allow)
- Door sizes up to 2700mm High and 1000mm Wide (FSA recommend using 3 hinges per door)
- Max Door Weight of 90kg for 600mm Wide Door per 3 hinges. (see chart)
- Wear resistant discs minimise wear and improve operation

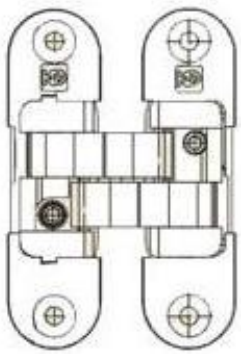


MACHINING DETAILS

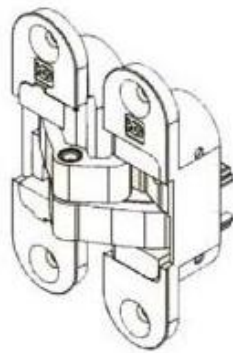


INSTALLATION

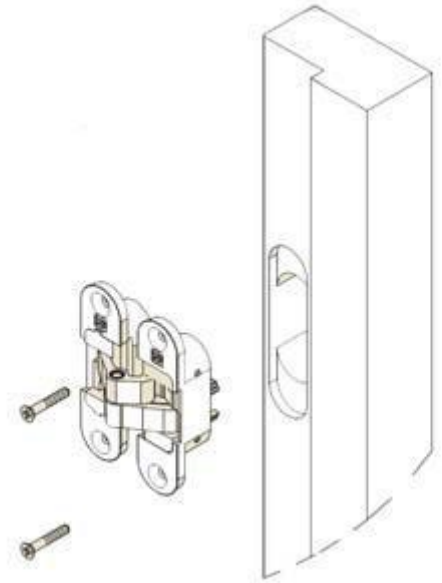
1. Turn the adjustment grain (vertical movement) clockwise until complete detachment of the connecting rods.



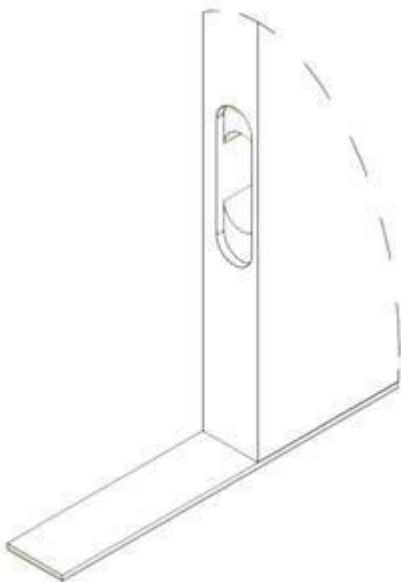
2. Turn the adjustment grain on the door side of the hinge counter clockwise until the hinge body arrives at the limit of the carcass.



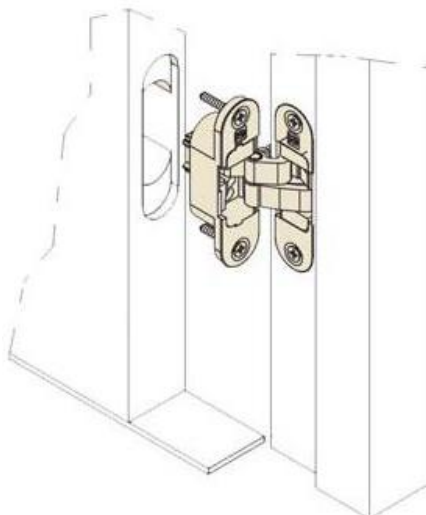
3. Set the three hinges on the jamb millings and fix them with the specific screws.



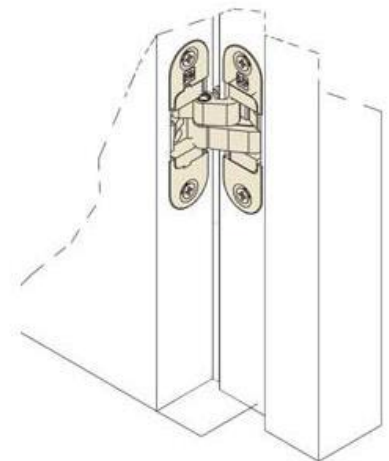
4. Insert a spacer (4mm) under the door panel.



5. Set the door panel at a 90° angle to the jamb. Without removing the spacer (4.) insert the hinge into the corresponding cutout.

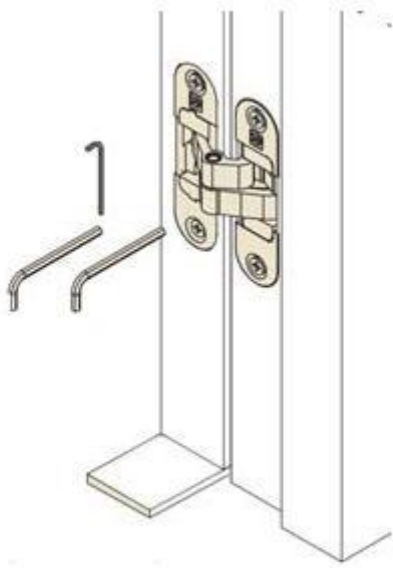


6. Fix the hinges into the frame with the supplied screws.

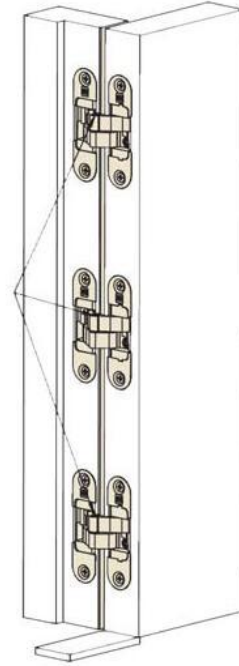


ADJUSTMENT

1. Begin the adjustment of the 3 axis by starting with the top hinge



2. Loosen the Vertical adjustment grain of all three hinges but turning it counter clockwise until the panel is laid on the spacer.



3. Adjust the hinges but turning the grain located on the frame until the door is in line with the jamb.

