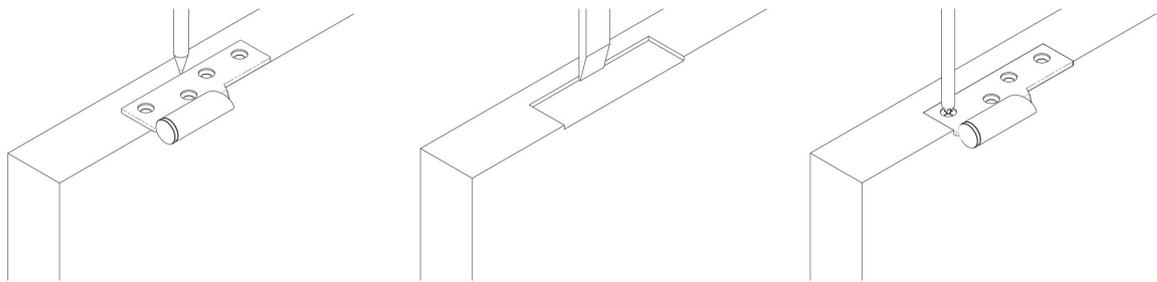


## Rising Butt Hinges

Not suitable for use on Fire Compartmentation or Escape Route Doors.

It is essential that the door frame is vertically/horizontally plumb, especially the hinge side as the co-axial (pivot) point of all hinges requires to be the same for correct operation. Misalignment can cause the integrity of the hinge and/or other hardware components to become compromised, leading to the breakdown of the doorset operation.

The door head and frame detail may require planing to allow the door to rise during operation. Most manufacturers installation instructions reference the requirement, however, if no detail is supplied, refer to top of door preparation guide. Always refer to manufactures installation instructions for any special requirements



The leaf with the pin must be fitted to the frame, with the pin pointing upwards. At the determined spacing, position the non pin hinge leaf to the door so that the edge of leaf by knuckle is flush with edge of door and mark around leaf. Repeat at each hinge position. Mortice out door to equal the thickness of the hinge leaf. The mortice should be smooth and any shavings or swarf must be removed.

Position leaf into mortice, mark the fixing holes, pilot drill to suit the fixing screws. Secure the hinge leaf to the door using screws provided and repeat for other hinges on door. Offer the door upto the door frame. Pack under the door leaf to required clearance.

Once in required position, put the frame leaf with pin into top hinge on door, mark the frame at the bottom of the hinge to identify it's bottom position. Do same with bottom hinge, then remove door. Put the frame leaf with pin flat against the frame so that the edge of leaf by knuckle is flush with the edge of the frame and mark round the hinge leaf. Repeat at each hinge position.

Mortice out frame to equal the thickness of the hinge leaf as was done on door. Position leaf into mortice, pilot drill the fixing holes and secure with screws provided and repeat for remaining hinges. Lift door and align door leaf hinges with the pins of the frame leaf hinges and lower door.