

## IFL7.01 SPRING HINGES

## Notes for Installation & Maintenance

We recommend 1.5pair hinges per standard size door leaf. For door leaves of exceptional width or height, please contact our office for advice.

One hinge should be fitted centrally, the other two hinges to be fitted 770mm from the centre of the middle hinge. (BS4787:Pt1 1980)

Mortice both the door leaf edge and frame jamb to a depth equal to the thickness of the hinge blade. The hinge blades must be located in accordance with the correct sketch below.

Ensure the correct fixing screws are used appropriate to the door leaf material and frame material. Ensure the screw head are countersunk to sit flush in the countersunk holes of the hinge blade.

At installation we recommend the hinge bearing points are lubricated using a silicone or non-silicone based lubricant, eg. 'WD-40' or 'Tri-Flo'.

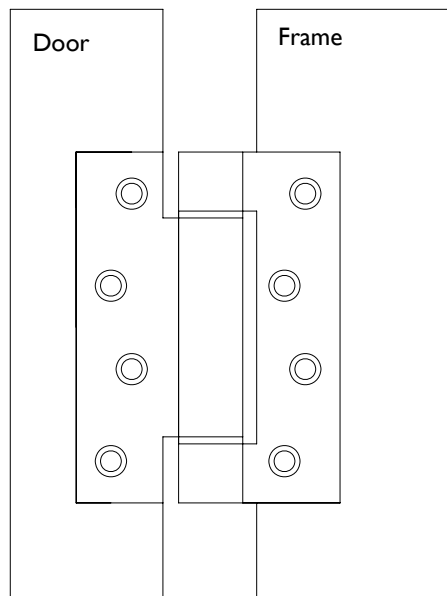
Ensure the screws have been driven home and are secure.

We recommend that the hinges are checked periodically to ensure the screws remain fixed securely. At these checks we recommend the hinge bearing points are lubricated using a silicone or non-silicone based lubricant, eg. 'WD-40' or 'Tri-Flo'. The hinge surfaces and knuckle should be cleaned using household soap and water with a soft cloth.

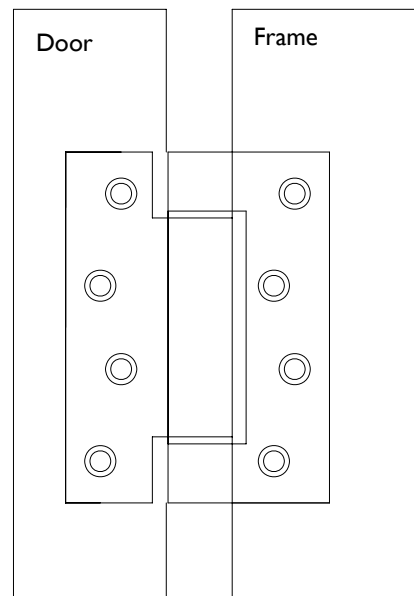
Any hinge can wear over time resulting in carbon dust deposits on the hinge, door and frame surfaces. This dust should be wiped away as soon as it appears to avoid build up and damage to surrounding decorations and furnishings.

To reduce the risk of carbon dust deposits occurring, please check the following:-

1. Are the hinges fitted square? Is the doorset fitted square? Out of square hinges can wear much quicker than those fitted true.
2. Are the hinge blades fitted in accordance with the sketch below? Fitting the knuckle too close to the door and frame can increase wear.
3. Have the lubrication instructions been followed as above? Poorly lubricated hinges could result in accelerated wear.
4. Are the springs of the hinges been overtightened? If the coils of a tight spring are rubbing together, this could increase the amount of carbon dust.
5. Have the hinges and doorset being checked periodically for signs of excessive wear, overtightening of spring, loose fixings, door dropping on its hinges?
6. Has the end user been left a copy of this instruction along with the instructions for tightening/slackening the spring force, with the appropriate allen key?



Correct Fitting



Wrong Fitting

