

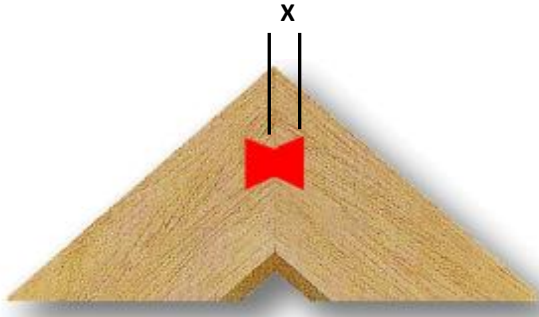
We're found in the best joints!



Tips for Router Bit Adjustments

Hoffmann Dovetail Keys are designed to create permanent and reliable joints in a wide range of wood products. For optimum strength and reliability, it is important to adjust the router bits properly.

"Projection" refers to the distance from the machine's back fence to the tip of the router bit.

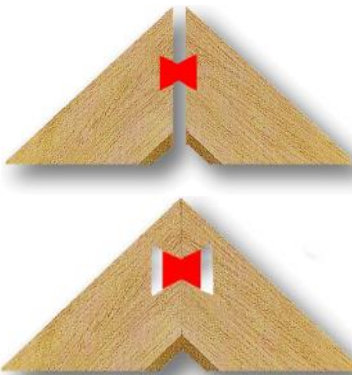


The medium or factory settings for the router bit projection (measurement "X") are:

Size W0	2.3 mm	0.0906"
Size W1	3.5 mm	0.1378"
Size W2	5.1 mm	0.2008"
Size W3	6.9 mm	0.2717"
Size W4	12.1 mm	0.4764"

These are the minimum setting at which the Keys will still create a tight joint. If the material allows, a deeper setting will increase the "draw" or "pull" of the Key.

Incorrect:



If the router bit projection is set too shallow, the Key is not able to pull the miter faces together. An open joint is the result.

Incorrect:

If the router bit projection is set too far, the Key and/or the material can split resulting in damage to the material.

Final router bit adjustments are always made by moving the router motor in or out as needed.

A small movement will make a noticeable difference!

We recommend the use of our Digital Multi Gauge (W20001300) for precise adjustments.



Tip:

Do not try to fine tune the router bit projection by moving the bit in or out of the collet – it is much easier, more precise and faster to move the whole motor instead of only the bit.

Questions?? Call us toll-free for Technical Support: **866-248-0100** available M-F 8.00AM – 5.00PM EST