

Carbatec Dovetail Mitre Track Installation

Tools Required:

- Arden ARD-206461 19.05mmD x 14deg Dovetail Router Bit (or)
- CMT 818-691-11 – 19.05mmD x 14deg Dovetail Router Bit (or equivalent)
- Router with sturdy adjustable fence or
- Router Table with adjustable fence (recommended)

Track dimension is 31mmW x 12.7mmD

9. Locate and mark CENTRE LINE of desired track location
10. Align & set router fence (or router table fence) so your initial cut will be along this centre line.
 - a. If your table fence has repositionable scales, these can be set to the ZERO aligned with the fence.
11. Set router bit to an appropriate depth for initial trench cut. Final depth should be 12.7mm
 - a. Depending on material, you may want to take 2 or three passes to make this final depth.
12. Complete the initial trench to final 12.7mm depth.

NOTE: DO NOT CHANGE BIT HEIGHT FROM THIS POINT ON.

13. Reposition and lock your fence to the +6mm position, AWAY from the router bit.
14. Complete second trench cut
15. Reposition and lock your fence to the -6mm position, or move fence 12mm towards bit.
16. Complete third trench cut.

WARNING – This particular cut is a CLIMB cut, feeding with the direction of bit rotation. Caution must be taken to avoid the bit grabbing your workpiece. Use two non-slip push blocks to hold workpiece down, or alternatively, feed board or router form the opposite side.

Check for fitment of Mitre Track.

Small adjustment to slot width can be carried out by moving only one side of your router table fence approx. 0.5mm TOWARDS the bit, and re-machining the final cut. Repeat as required.

Adjustment to depth will require steps 4-8 with new desired depth.

