

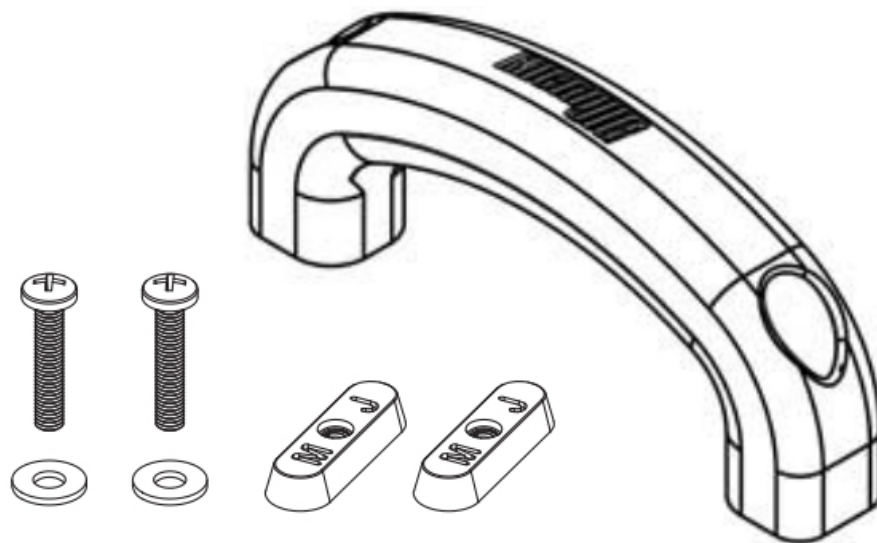


MICROJIG JH-1 Match Fit Jig Handle User Manual

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MatchFit® Jig Handle
User Manual (v9.0)



Jig Handle
JH-1

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JH-1 Match Fit Jig Handle

For building custom guide rails, jigs, fixtures and more.

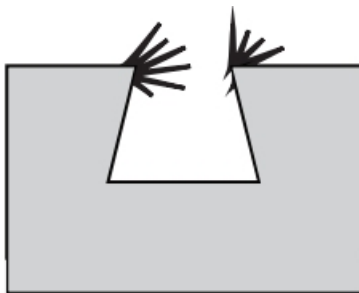
WARNING

Always wear safety glasses and hearing protection. Follow all safety precautions and use best practices. Microjig assumes no liability for products not sold by Microjig.

Tools & Materials

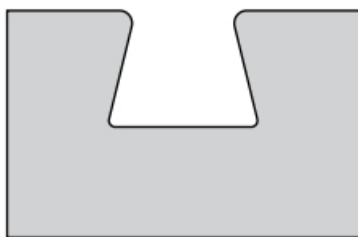
Standard Bits vs MatchFit Bits

You can use any 1/2" x 14° dovetail bit. However, the top edges of the groove will need to be sanded smooth after milling.



Standard Bit

The MatchFit Dovetail Router Bit is engineered to route perfectly smooth Dovetail Tracks to minimize cleanup. Learn more at: microjig.com/dv-bit



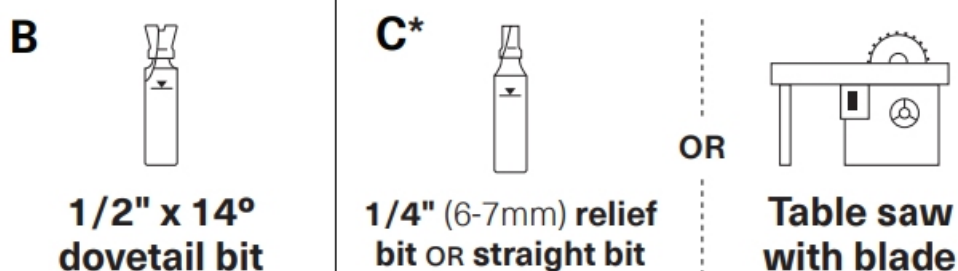
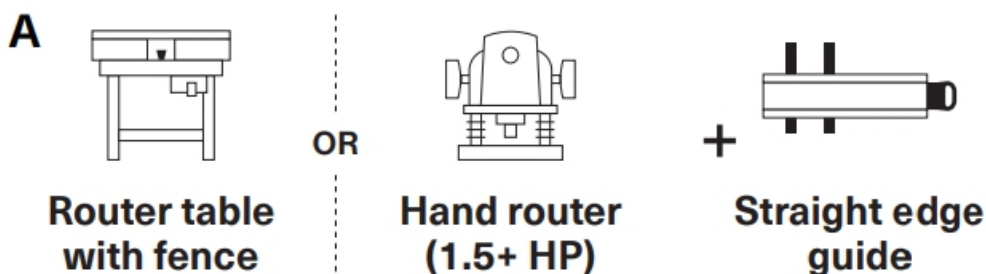
MatchFit Bit

Recommended wood types (3/4" or thicker):

void-free plywood (e.g. Baltic birch), standard MDF, or seasoned solid wood.

Required Tools (Not included)

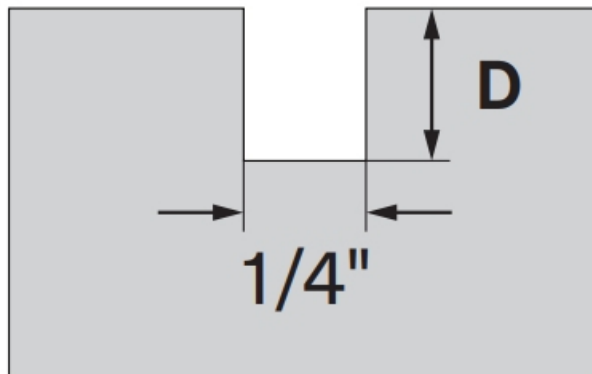
*Optional but recommended.



Dovetail Track Instructions

Step 1 – Cut relief grooves*

TOOLS Router [A] and relief bit OR table saw [C] CUT DEPTH (D) $11/32"$ (8.7mm)

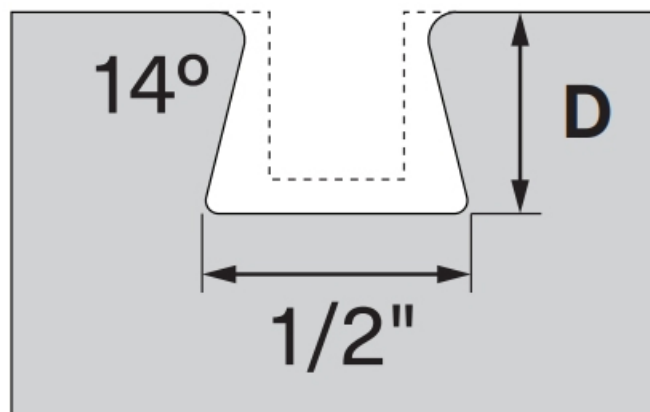


*(optional but recommended)

Cutting relief grooves before the dovetail grooves puts less stress on your dovetail router bit. This helps your dovetail bit last longer and ensures your tracks are straight.

Step 2 – Cut dovetail grooves

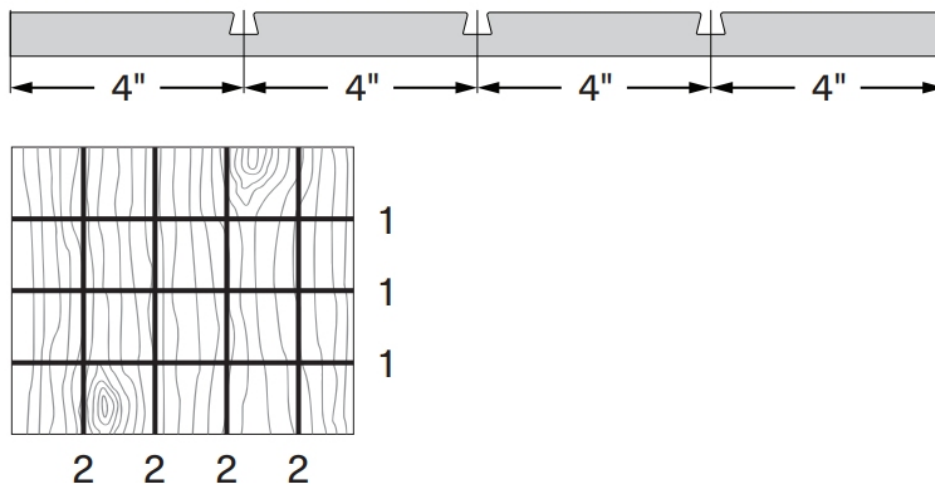
TOOLS Router [A] with $1/2" \times 14^\circ$ dovetail bit [B] CUT DEPTH (D) $3/8"$ (9.5mm)



Cut along the center of your relief grooves to make your Dovetail tracks. If using a regular dovetail bit make 1–2 cleanup passes to smooth the edges.

TIP: For ease of use, use a small brush to apply a thin layer of paste wax on the dovetail groove walls.

Step 3 – Creating dovetail grids



Route grooves $4"$ (101.6mm) apart on center to provide compatibility with MatchFit clamp track accessories. Route all cross-grain tracks (1) first, then route the tracks along the grain (2).

Mounting Jig Handle

Three options to attach the Jig Handle:



- Mount handle in any Dovetail Groove using the included Dovetail Track Nuts.
- Mount handle anywhere using your hardware in the 1/4" (6.35mm) mounting holes.
- Temporarily attach handle using your pan or washer head wood screws through the 1/4" (6.35mm) mounting holes.

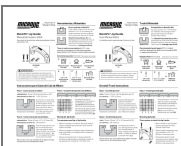


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Documents / Resources



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JH-1 Match Fit Jig Handle, JH-1, Match Fit Jig Handle, Fit Jig Handle, Jig Handle

References

- [User Manual](#)

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