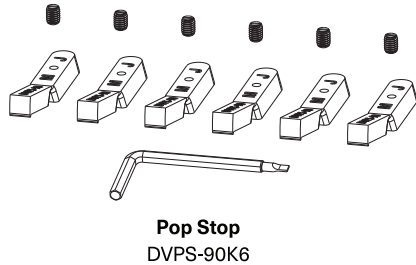


MatchFit® Pop Stop User Manual (v8.1)

A faster and easier stop for your sleds, jigs and fixtures.



WARNING

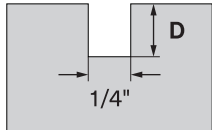
Always wear safety glasses and hearing protection. Follow all safety precautions and use best practices. Microjig assumes no liability for any products not sold and manufactured by Microjig.

Dovetail Track Instructions

Step 1 – Cut relief grooves (optional but recommended)

TOOLS Router [A] and 1/4" relief bit **OR** table saw [C]

CUT DEPTH (D) 11/32" (8.7mm)

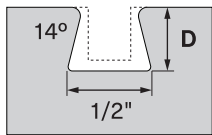


Cutting relief grooves before the dovetail grooves puts less stress on your dovetail router bit. This helps your dovetail bit last longer and ensures your tracks are straight.

Step 2 – Cut dovetail grooves

TOOLS Router [A] with 1/2" x 14° dovetail bit [B]

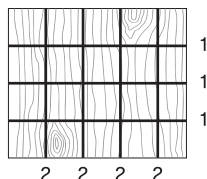
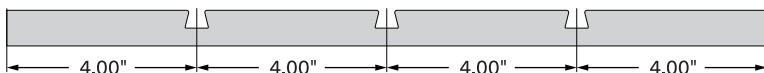
CUT DEPTH (D) 3/8" (9.5mm)



Cut along 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.

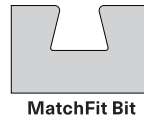
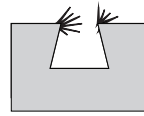
Step 3 – Creating dovetail grids



Route Dovetail Tracks 4.00" apart on center to provide compatibility with common clamp track accessories.

Route all cross-grain tracks **(1)** first, then route the tracks along the grain **(2)**.

Tools & Materials



Standard vs MatchFit Dovetail Router 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.

The **MatchFit™ Dovetail Router Bit** is engineered to route perfectly smooth Dovetail Tracks to reduce cleanup. Learn more at: microjig.com/dv-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 highly recommended.

A



Router table w/fence

OR



Hand router (1.5+ HP)

+



Straight edge guide

B



1/2" x 14° dovetail bit

C*



1/4" relief bit

OR

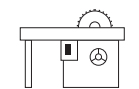
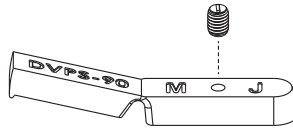


Table saw w/blade

Pop Stop Instructions

Step 3 – Mounting the Pop Stop



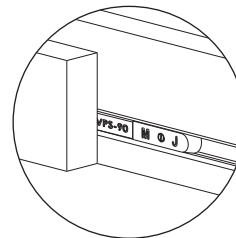
Thread the 10-32 nylon set screw into the brass insert in the Pop Stop Body.

Position the Pop Stop where needed in your dovetail groove with the angled end facing the stock to be cut.

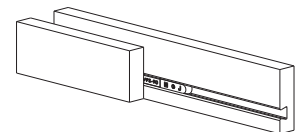
Lock the Pop Stop in place by turning the set screw using the included flat blade screwdriver.

Step 3 – Using the Pop Stop

Position the Pop Stop where needed on a miter gauge or similar fence.



Square one end of a longer board with the excess covering the Pop Stop, it will flex out of the way.



Turn the board around and fit the squared end against the Pop Stop to cut to final length.

