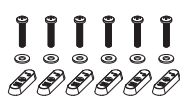


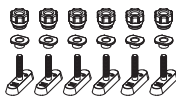
## MatchFit™ Dovetail Track Hardware®

### User Manual

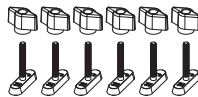
For building jigs, sleds, fixtures, and more.



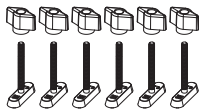
**Track Nut**  
DV-HL0.0K6



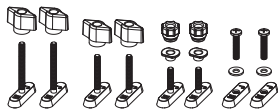
**1.0" Track Screw**  
DV-HL1.0K6



**1.5" Track Screw**  
DV-HL1.5K6



**2.0" Track Screw**  
DV-HL2.0K6

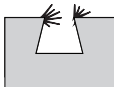


**Variety Pack**  
DV-HK4.5K2-VP

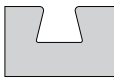
### ⚠ WARNING

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.

## Tools & Materials



Standard Bit



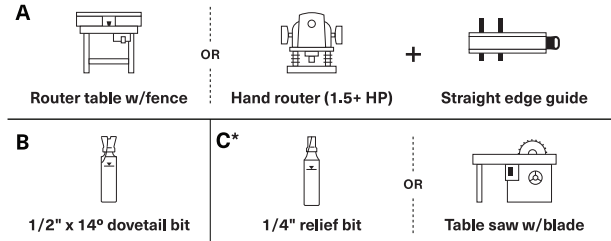
MatchFit Bit

### 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](http://microjig.com/dv-bit)

**Recommended wood types** (3/4" or thicker): void-free plywood (e.g. Baltic birch), standard MDF, or seasoned solid wood.

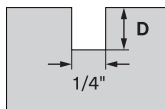


## Dovetail Track Instructions

### 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)

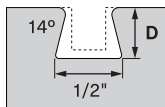


Cutting relief grooves before the dovetail grooves puts less stress on your dovetail router bit. This helps your dovetail bit last longer and ensures your tracks are straight.

### Step 2 – Cut dovetail grooves

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

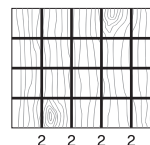
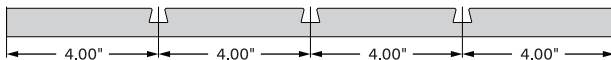
**CUT DEPTH (D)** 3/8" (9.5mm)



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.

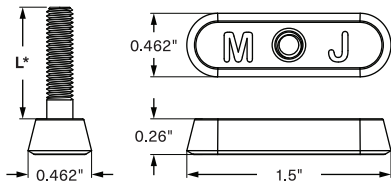
Route all cross-grain tracks (**1**) first, then route the tracks along the grain (**2**).

## Screw lengths and dimensions

### SCREW LENGTH (L)

1.0"	1.0"
1.5"	1.5"
2.0"	2.0"

\*Screw lengths may slightly vary.



## Track Nut

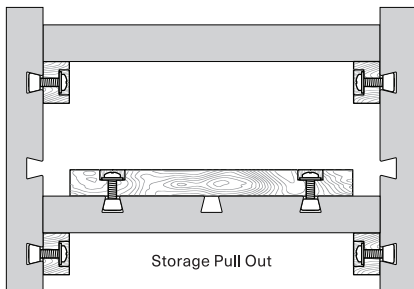
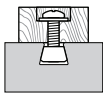
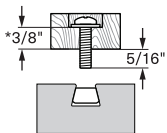
More info: [microjig.com/hwn](http://microjig.com/hwn)

### CLAMPING RANGE

\*3/8" (10mm)

For hidden/permanent fixtures and stops that don't interfere. Great for building custom shelving. Dovetail Track Nuts work with any #10-32 screws. Make sure there is 5/16" of the screw thread exposed.

\*with included 0.75" #10-32 panhead screw and washer. Use your own screws as needed for custom jig designs.



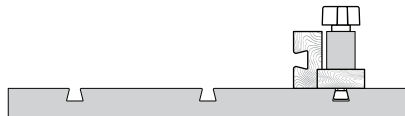
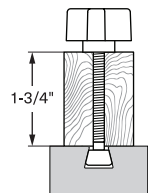
## 2.0" Track Screw

More info: [microjig.com/hw20](http://microjig.com/hw20)

### CLAMPING RANGE

0" to 1-3/4" (44mm)

For high torque applications, thick stops, fences, and strong hold downs. For maximum reach.



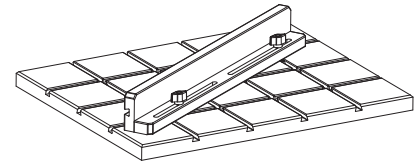
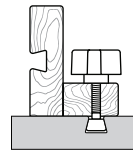
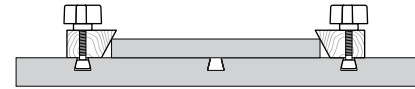
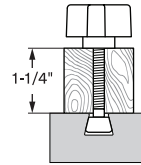
## 1.5" Track Screw

More info: [microjig.com/hw15](http://microjig.com/hw15)

### CLAMPING RANGE

0" to 1-1/4" (32mm)

For high torque applications, thick stops, fences, and strong hold downs. The most versatile Dovetail screw length.



## 1.0" Track Screw

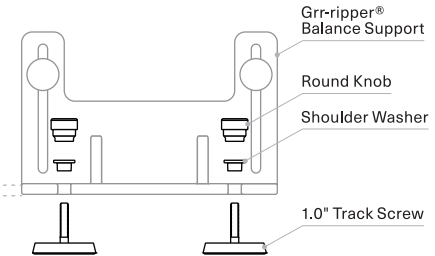
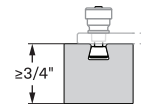
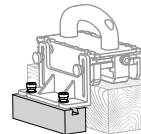
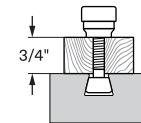
More info: [microjig.com/hw10](http://microjig.com/hw10)

### CLAMPING RANGE

0" to 3/4" (19mm)

For thin stops and hold downs in tight spaces. Works with most miter gauges to create auxiliary fences on table saws.

Compatible with Grr-ripper® push blocks to increase cutting height. Attach to the balance support with included shoulder washers as shown below.



## 3-Year Warranty Registration

Register and protect your products at: [microjig.com/warranty](http://microjig.com/warranty)