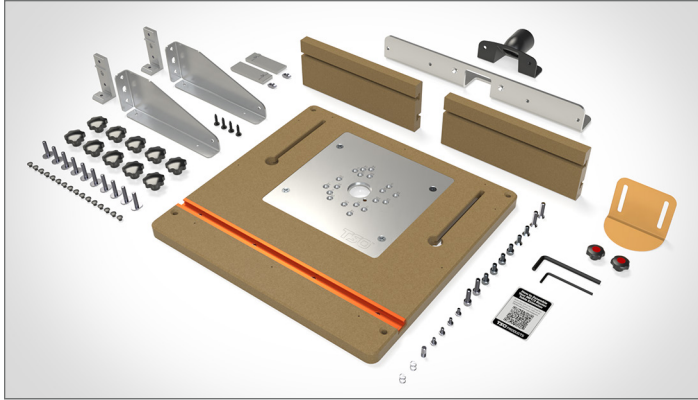


MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

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Thanks for purchasing this genuine TSO Product.

Questions? Suggestions? Ideas? We thrive on your feedback! Contact us toll-free at 800-727-0311 (U.S.), 239-236-5526 (international), email us at info@tsoproducts.com, or visit www.tsoproducts.com/support for a copy of this guide.

⚠ DANGER

Danger indicates a hazardous situation that, if not avoided, will result in death or serious injury.

⚠ WARNING

Warning indicates a hazardous situation that, if not avoided, could result in death or serious injury.

⚠ CAUTION

Caution indicates a hazardous situation that, if not avoided, may result in minor or moderate injury or property damage.

NOTICE

Notice indicates important or helpful information and/or user tips.

ESSENTIAL SAFETY WARNINGS

This product is intended and designed for use only in conjunction with the FESTOOL® MFT/3 Multifunction Table. The FESTOOL Instruction Manual for the MFT/3 also applies in connection with the use of this TSO Products MFT/3 Router Table.

⚠ CAUTION

To avoid injury when using a Router with this table, it is imperative that you understand and follow the Router manufacturer's instructions.

You are responsible for the safe and proper use of this TSO Products accessory. This is not a toy.

To make your woodworking experience enjoyable and safe, keep in mind:

- This Router Table has been load tested to 30 lbs. static load. To keep your work area floor clear, no additional support legs are provided. This benefit comes with a tipping and/or tilting limitation, especially if the Router Table is attached to the longer sides of your FESTOOL MFT/3. Keep in mind that even momentary tilting may cause objects on the table to slide and fall with risk of damage or injury.
- The attachment of the Router Table is designed to provide a very strong connection with the FESTOOL MFT/3 when properly secured.

⚠ CAUTION

To prevent injury caused by unintended separation of the Router Table from your FESTOOL MFT/3, it is critically important that all provided Hammer Nuts are correctly installed and engaged with the T-slot of the FESTOOL MFT/3. See [Step 13](#) and [Step 14](#) in the Assembly Instructions included in this document.

Woodworking involves a variety of injury risks which you can reduce with proper use of Personal Protective Equipment (PPE) and adherence to safe work practices.

MFT/3 ROUTER TABLE
ASSEMBLY INSTRUCTIONS



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Compatible Trim Routers

- Before getting started, confirm your router is one of the models listed below and that it includes the associated fixed base as indicated.
- Bosch PR20EV Router with PR001 Fixed Base
 - Bosch GKF125CE Router with PR101 Fixed Base
 - DeWalt DCW600B with Fixed Base
 - DeWalt DWP611 with Fixed Base
 - Makita XTR01 Router with 196613-4 Fixed Base
 - Milwaukee 2723-20 Router with 31-06-0036 Fixed Base

Tools Needed for Assembly

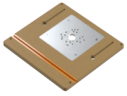


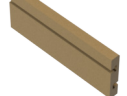
You will need the following additional tools to complete all installation steps.














Tools Needed		
		
1 qty. Phillips #2 Screwdriver	1 qty. Phillips #3 Screwdriver	2 qty. Small Clamps*






* Only need for optional shimming procedure.

What's Included in the Box

Your box should include multiple individual bags of hardware. Ensure you have the following parts and quantities:

Core Parts			
			
1 qty. Tabletop	1 qty. Fence	2 qty. Shelf Brackets	2 qty. Sacrificial Fences

Router Table Mounting Parts				
				
2 qty. Springs	16 qty. Hole Plugs	2 qty. Machined Brackets	4 qty. M6x10 SHC Screws	1 qty. M6 Pivot Stud
				
2 qty. Hammer Nuts	4 qty. M4x8 Pan Screws **	4 qty. #10 MDF Screws	2 qty. M6x20 SHC Screws	2 qty. M6x25 Flat- head Screws
			** Only used for mounting Makita Router to Router Plate.	
1 qty. QR Code Sticker	1 qty. 3mm Hex Key	1 qty. 5mm Hex Driver		

Fence Parts				
				
2 qty. Fence Stops	2 qty. Small Knobs	2 qty. M6x14 Flat- head Screws	10 qty. M6 T-Bolts	10 qty. Large Knobs

Dust Port & Guard	
	
1 qty. Dust Port	1 qty. Guard

Spacers

4 qty. Spacers

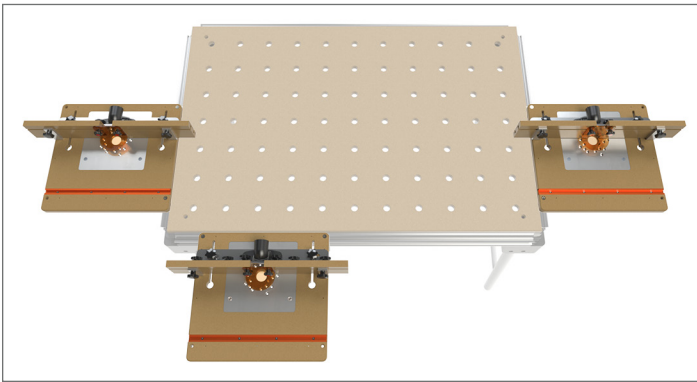
MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

Select Mounting Location

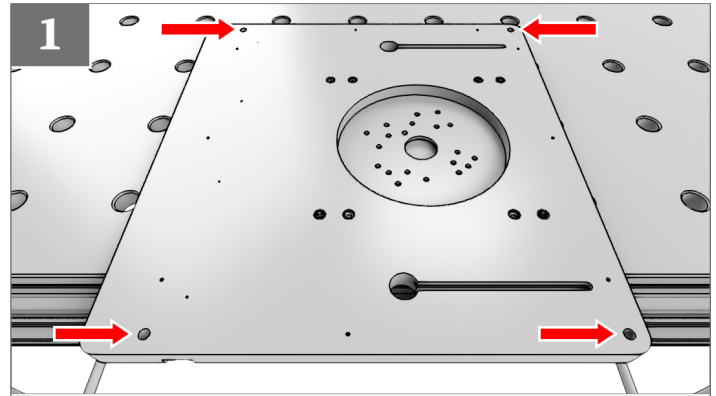
Determine where on the *MFT/3 Table* you want to mount the Router Table. While it can be mounted on all four sides of the table, consider the following:

- Ensure your mounting location avoids interfering with guide rail hinge brackets and other accessories and won't interfere with your MFT/3 workflow (e.g. track saw cutting, routing, sanding).
- Consider where you can benefit from outfeed support.
- Be mindful of where you mount your Router Table, how you plan to use it, and what else is mounted to your MFT/3.
- Avoid positioning the router table at the far edge of any side, as the MFT/3 corner brackets protrude slightly and can prevent the Router Table's Machined Brackets from fully seating. This requires setting back the router table at least 2.75" from any corner.

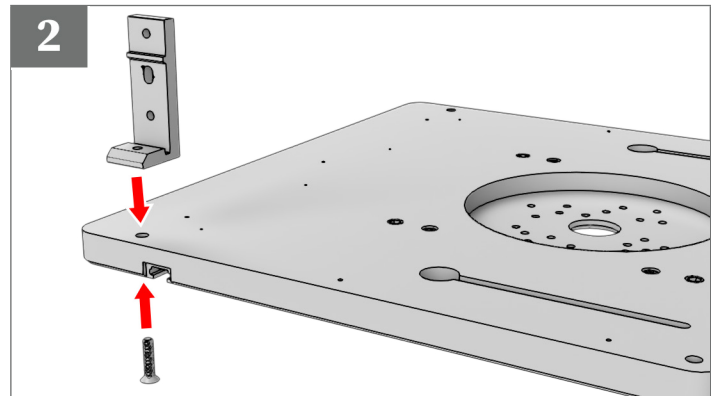
See below for possible mounting locations:



Assembly



Lay the Router Tabletop face-down on your MFT/3 table with the countersunk holes facing down and overhanging the edge of the table by an inch or two. Identify which edge of the router tabletop will abut the MFT/3 table, and locate the **two countersunk holes** along that side of the Router Table top.



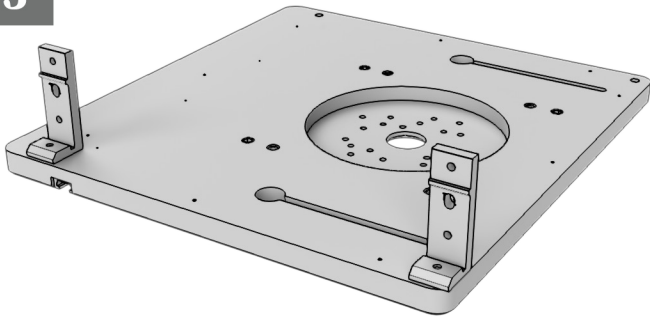
Hold the *Machined Bracket* against the bottom of the *Tabletop* with its leg oriented down. Insert *M6x25 Flat Head Screw* through the countersunk hole in the tabletop and into the threaded hole in the *Machined Bracket* as shown above. **Snug, but do not tighten until later in the process.**

MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

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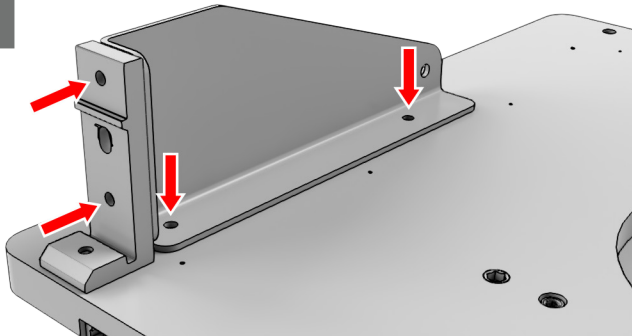
Assembly (Continued)

3



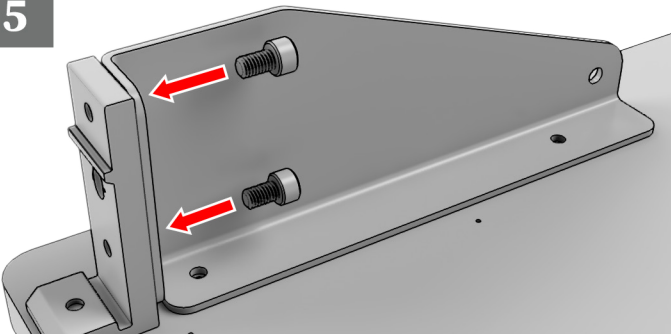
Repeat Step 2 for the remaining bracket.

4



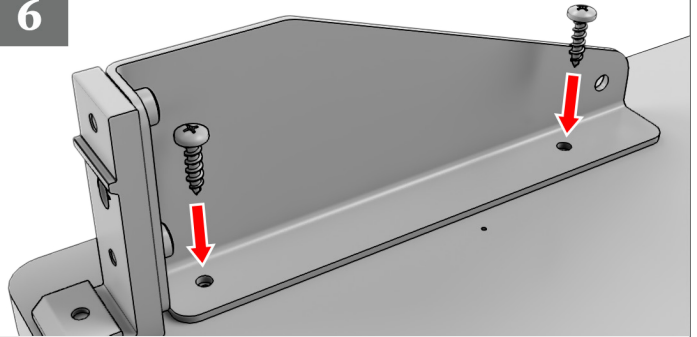
Align the holes in the *Shelf Bracket* with the holes in the *Machined Bracket* and the pre-drilled pilot holes located on the *Tabletop*.

5



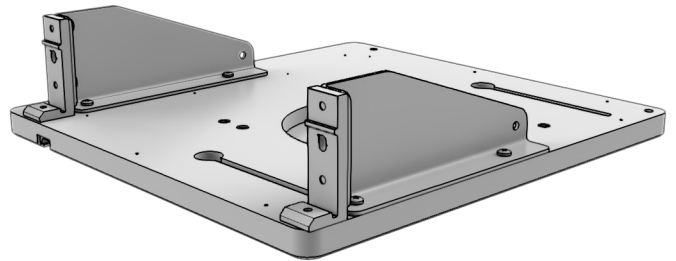
Using the *5mm Hex Driver*, install the *M6x10 SHC Screws* through the *Shelf Bracket* and into the threaded holes in the *Machined Bracket*. **Snug, but do not tighten until later in the process.**

6



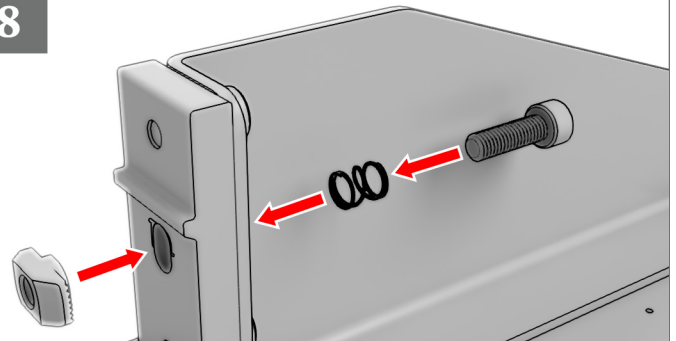
Using a *Phillips Screwdriver #2*, install two *#10 MDF Screws* through the *Shelf Bracket* and into the pilot holes in the *Tabletop*. **Snug, but do not tighten until later in the process.**

7



Repeat Steps 4, 5 and 6 for the remaining bracket.

8

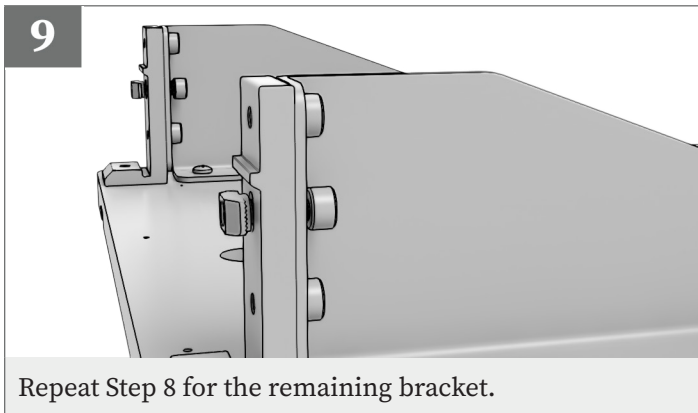


Slide the *Spring* onto the threaded portion of the *M6x20 Cap Screw* and insert the screw through the slot in both *Shelf Brackets* and into the *Hammer Nut*. Position the *Hammer Nut* with the knurled side facing the brackets. Hand thread the *Hammer Nut* until the end of the screw is flush with the back end of the *Hammer Nut*. Position the *Hammer Nut* horizontal as shown so that it fits into the pocket in the *Machined Bracket*.

MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

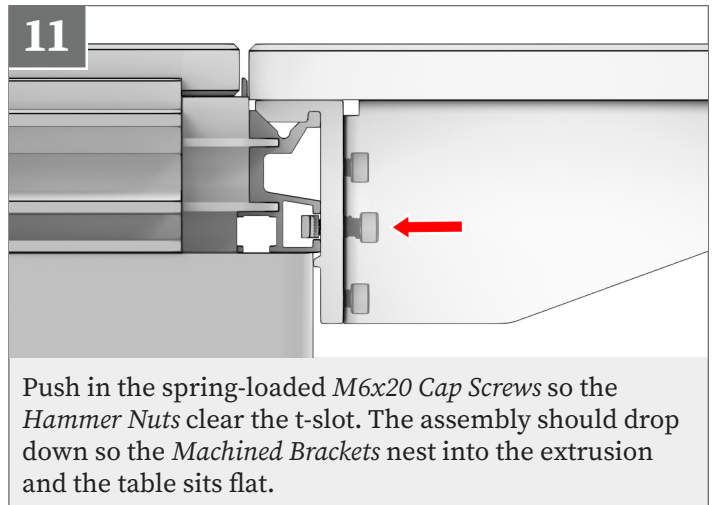
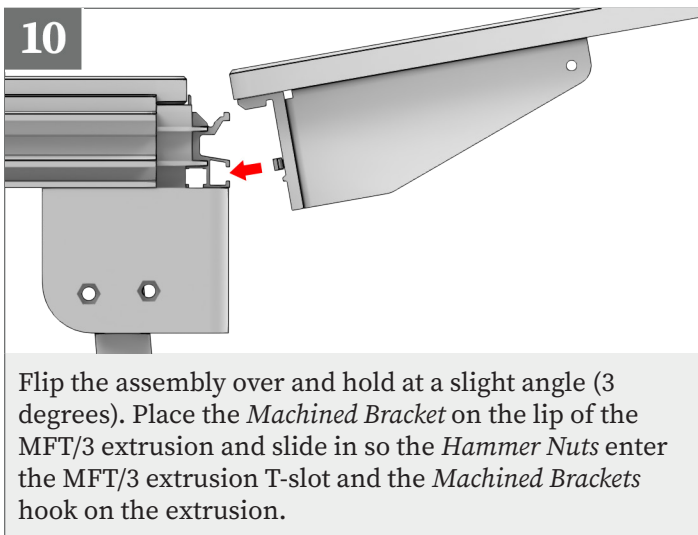
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Assembly (Continued)



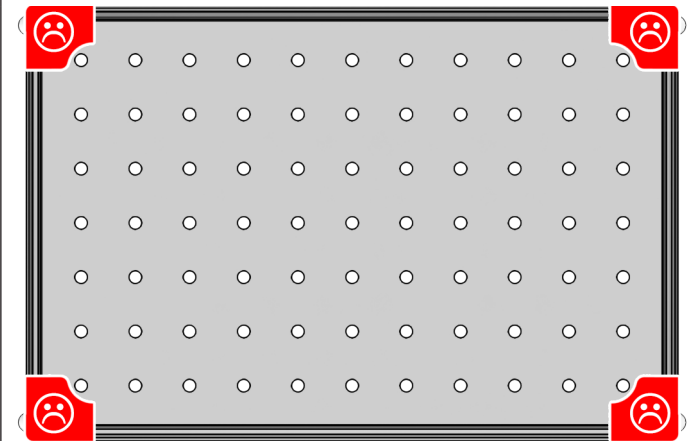
⚠ CAUTION

Before attaching Router Table Assembly to MFT/3 Table, ensure the MFT/3 Extrusion is thoroughly cleaned of dust and debris.



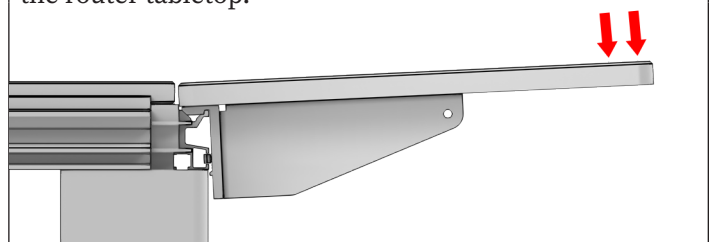
⚠ CAUTION

Avoid positioning the router table at the far edge of any side, as the MFT/3 cast aluminum corner brackets protrude slightly and can prevent the router table's *Machined Brackets* from fully seating. This requires setting back the router table **at least 2.75"** from any corner. Keep-away zones outlined in the image below.



NOTICE

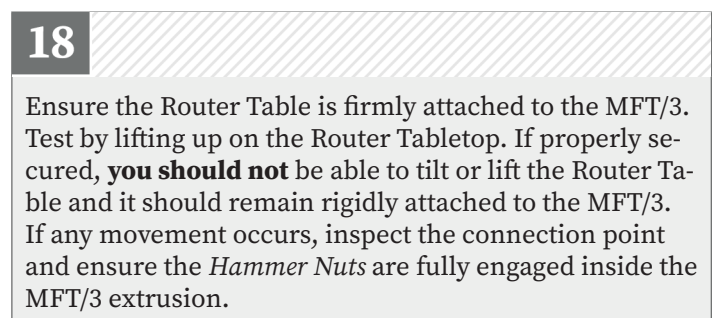
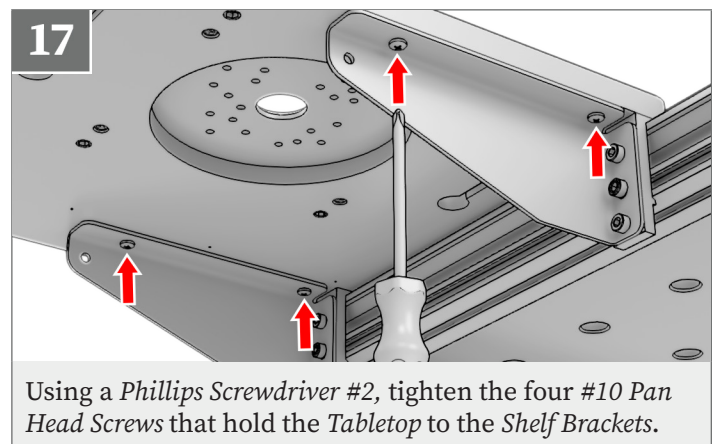
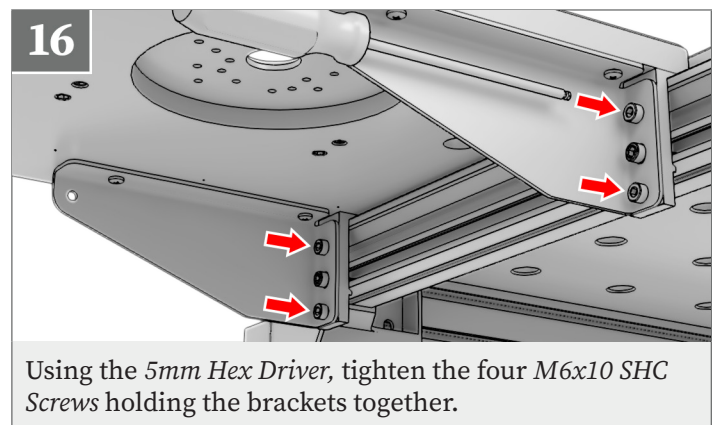
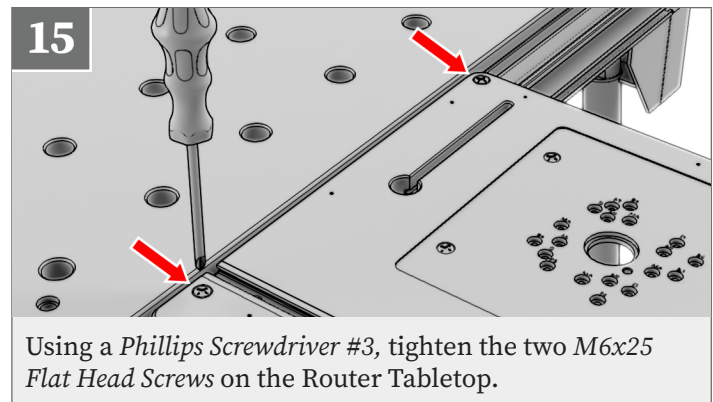
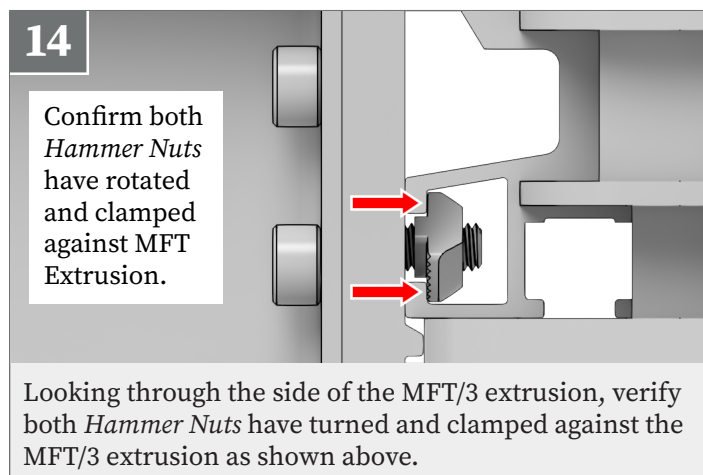
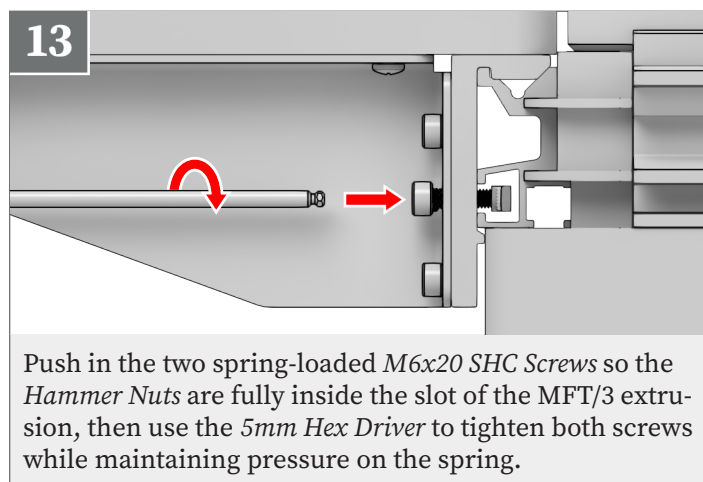
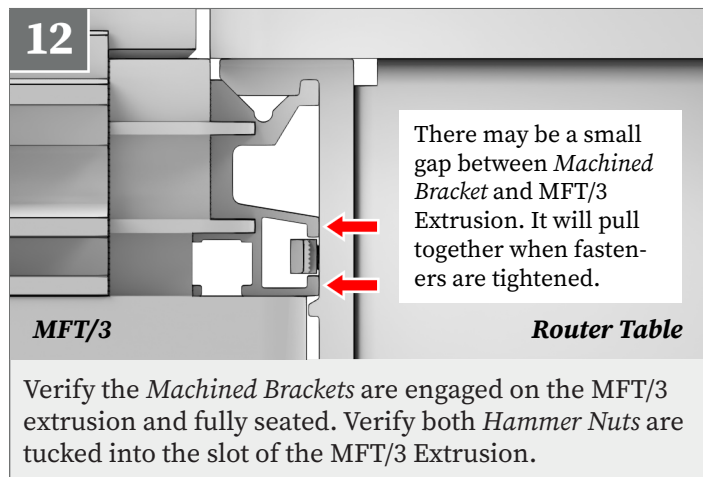
If the *Machined Brackets* are not fully nested in the MFT/3 extrusion at this point, you may need to push down on the router tabletop.



MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

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Assembly (Continued)



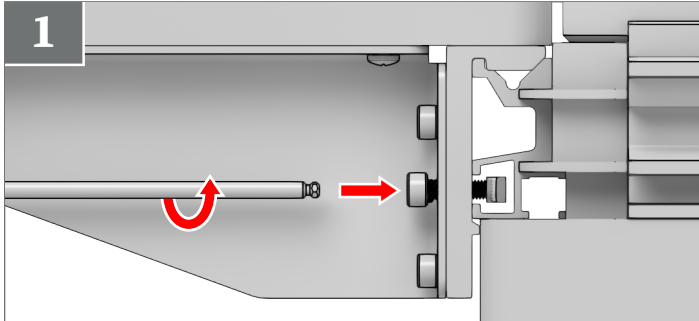
MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

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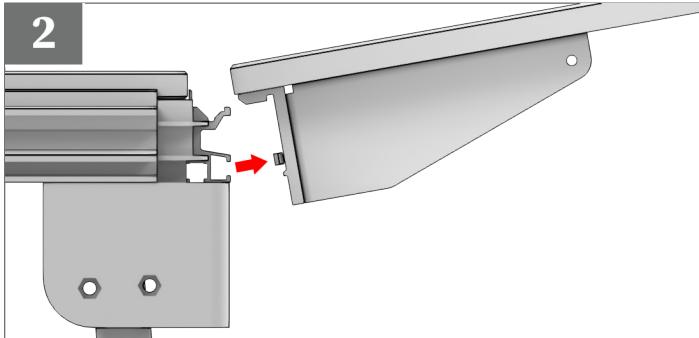
NOTICE

At this point in the assembly process, check to see if the Router Tabletop is coplanar to the MFT/3 table surface. Take the *Fence* (or a known flat board) and slide it along the Router Tabletop and across the MFT/3 table. If it snags, skip to the [Optional: Shimming Router Tabletop](#) section.

Removing Assembled Router Table from MFT/3

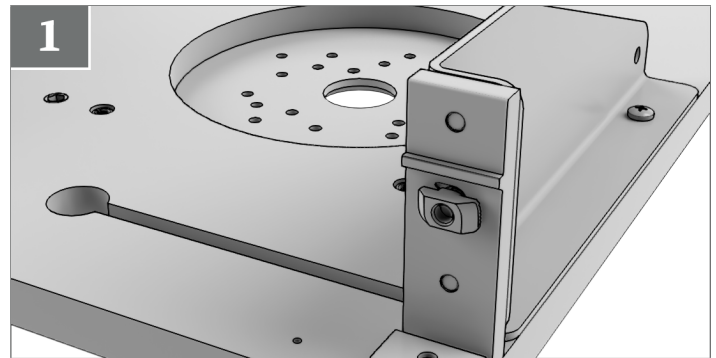


Using the *5mm Hex Driver*, loosen the two spring-loaded *M6x20 SHC Screws* located on the *Machined Brackets* so the two *Hammer Nuts* disengage from the MFT/3 extrusion.



Ensure both *Hammer Nuts* are horizontal as you lift the outside edge of the Router Table upward and angled slightly. The *Hammer Nuts* will disengage and clear the extrusion and you can lift the Router Table off the MFT/3 extrusion.

Re-Attaching Assembled Router Table to MFT/3



Adjust the *Hammer Nuts* so they are horizontal and seated in the *Machined Bracket*.



Repeat Steps 10-14 from [Assembly](#) section shown on previous pages.

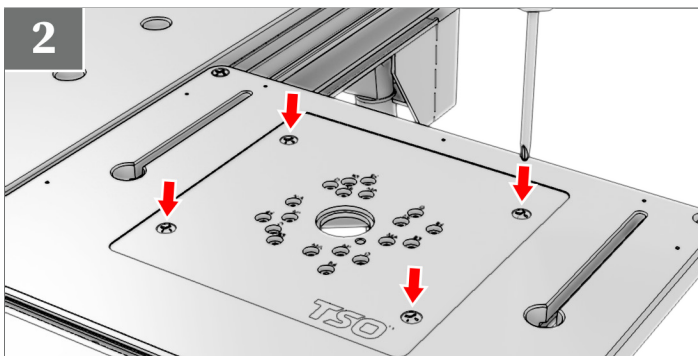
MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

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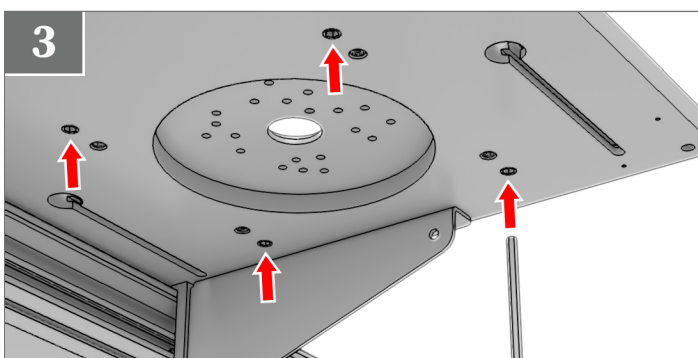
Adjusting Router Plate Insert



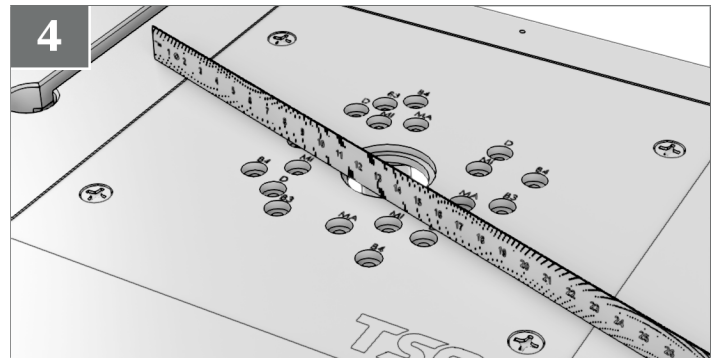
By finger feel or by using a straightedge (or using the included *Fence* as an alternative to a straightedge), determine if the Router Plate Insert is flush to the Router Table. If it is not, adjust by following these steps.



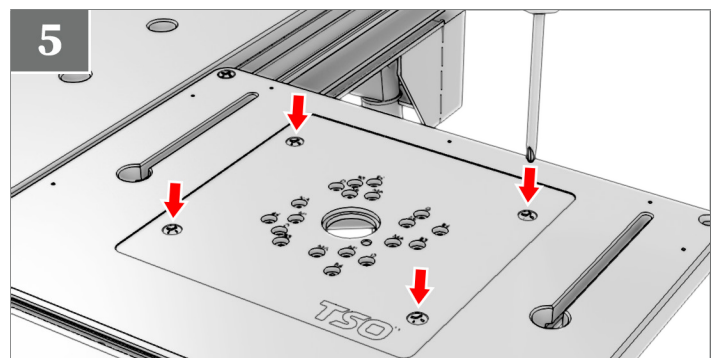
Using a Phillips Screwdriver #3, loosen the four M6x25 Flat Head Screws that hold the Router Plate Insert to the Router Table.



Using the 3mm Hex Key, turn the four set screws under the Router Table to raise or lower the plate.



Confirm the Router Plate Insert is flush with the Router Table.

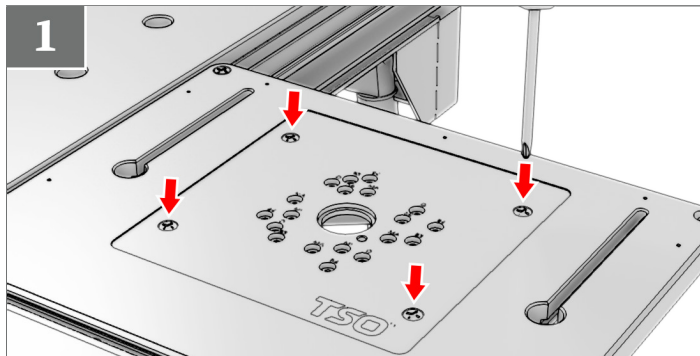


Using a Phillips Screwdriver #3, re-tighten the four M6x25 Flat Head Screws that hold the Router Plate Insert to the Router Table.

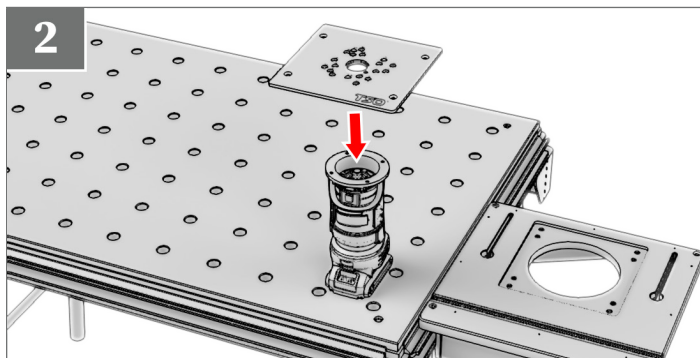
MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

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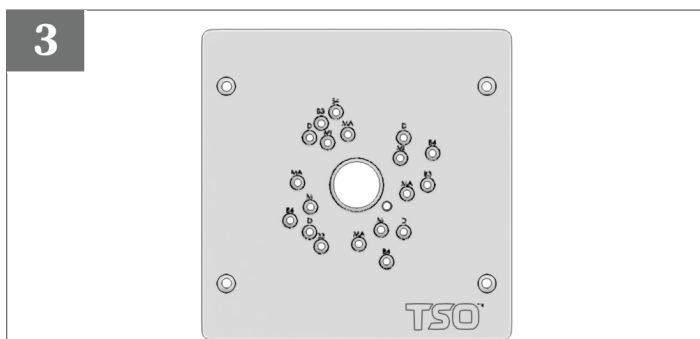
Install Router Plate Insert Onto Your Router



You may find it easier to remove the Router Plate Insert before installing your Router. To do so, use a *Phillips Screwdriver #3* to remove the four *M6x25 Flat Head Screws* that hold the Router Plate Insert to the Router Table. Remove the Router Plate Insert and set aside.

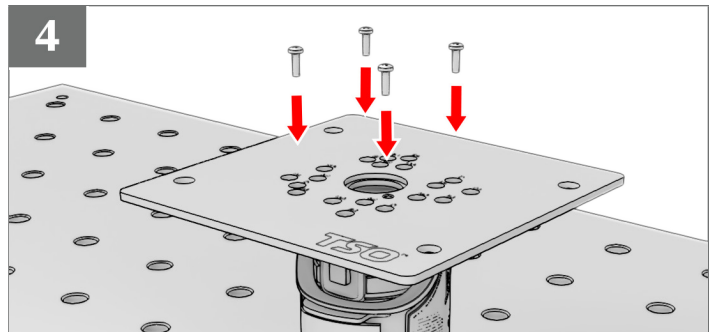


Remove base plate from Router. Place your Router on the MFT/3 Table, with its base facing upward. Take the Router Plate Insert and place it on top of the Router.



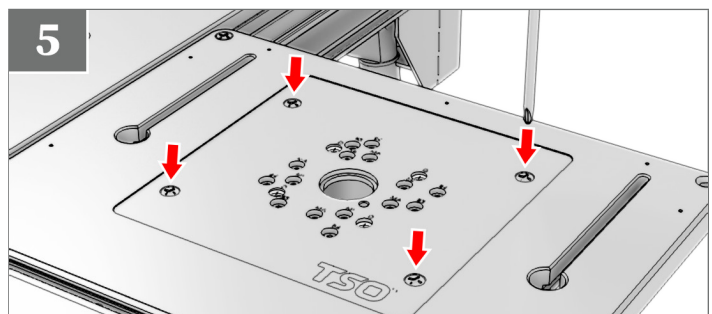
Line up the holes in the insert with the holes in your Router base. Hole locations are labeled with abbreviations corresponding to your router model:

- D = DeWalt
- B3 = Bosch 3-Hole
- B4 = Bosch 4-Hole
- MA = Makita
- MI = Milwaukee

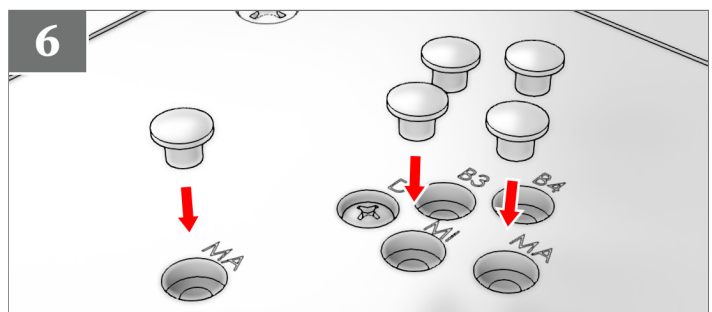


Using the screws that came with your Router, insert them into the holes corresponding to your Router model and tighten down.

NOTE: The Makita XTR01 Router with 196613-4 Fixed Base utilizes countersunk screws which are incompatible with the counterbored holes in the Router Plate Insert. In this case, use the four *M4x8 Pan Screws* included for this purpose.



Place the Router Plate, with Router attached, through the square hole in the Router Table. Using a *Phillips Screwdriver #3*, re-tighten the four *M6x25 Flat Head Screws* that hold the Router Plate Insert to the Router Table.

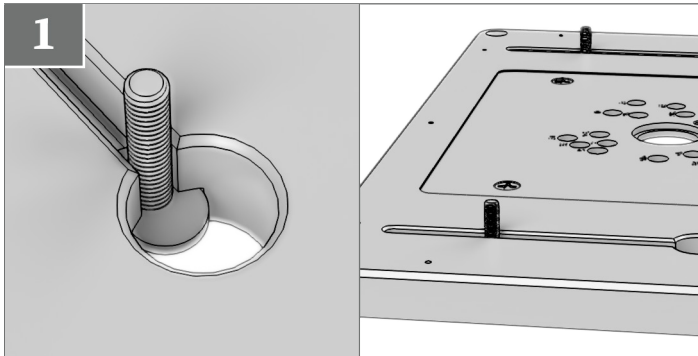


Optional: Fill the unused holes in the Router Plate Insert using the included *Hole Plugs*.

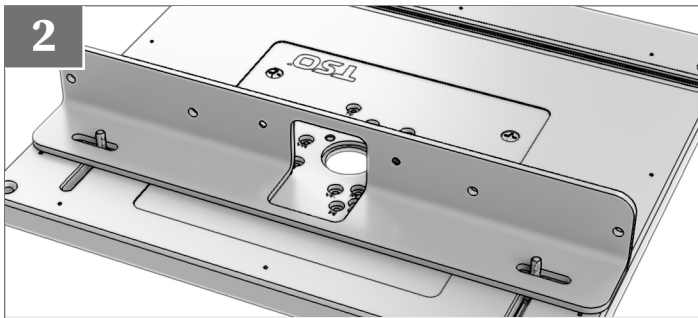
MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

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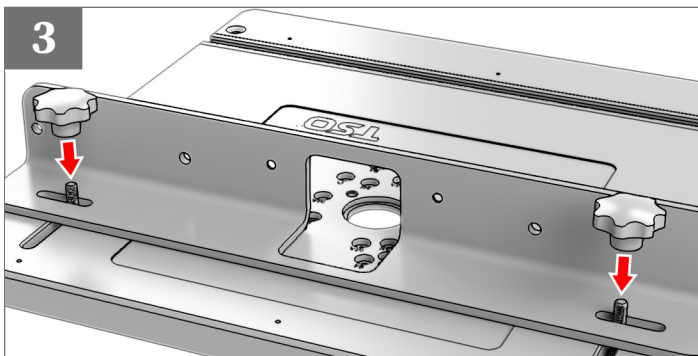
Attaching Fence to Router Tabletop



Slide two M6 T-Bolts into the holes on the *Tabletop*. Ensure the head of the T-Bolts slide into the routed slot inside the channel as shown above.

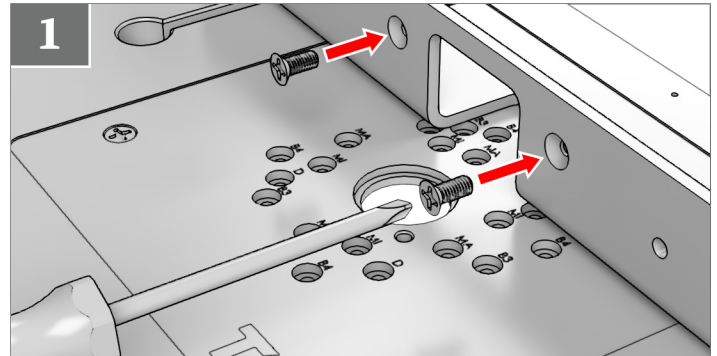


Place the *Fence* on the M6 T-Bolt studs.

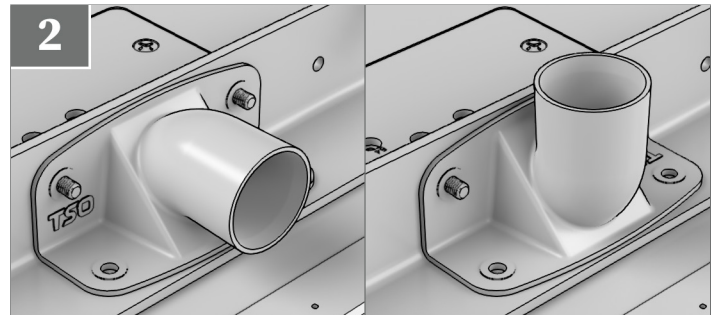


Adjust the position of the *Fence* as needed and tighten the two *Large Knobs*.

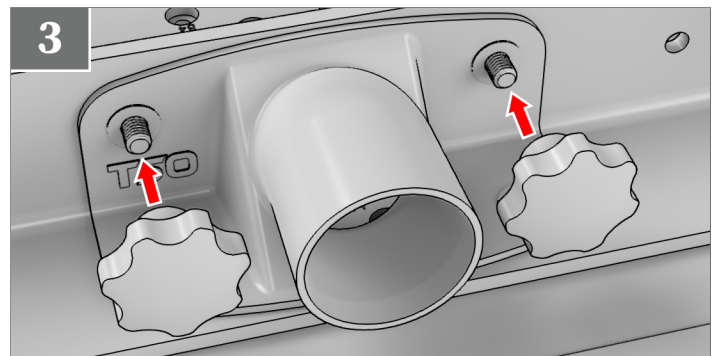
Attaching Dust Port to Fence



Install two M6x14 *Flat Head Screws* into the threaded holes on the *Fence* and tighten until flush.



Install the *Dust Port* onto the threaded studs in either the horizontal or vertical orientation.



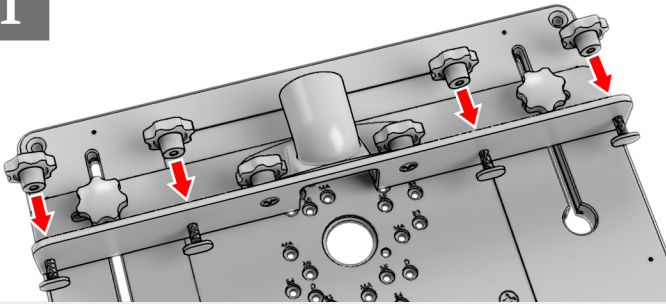
Secure using two *Large Knobs*.

MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

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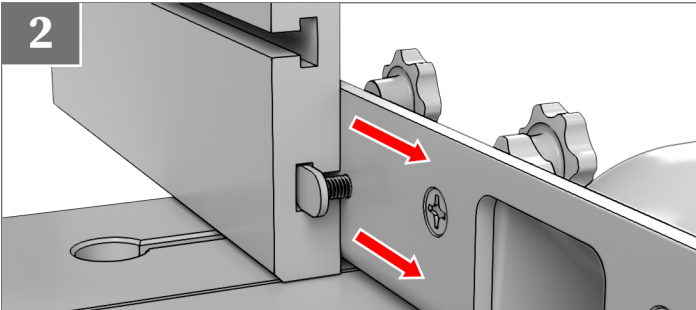
Attaching Sacrificial Fence

1



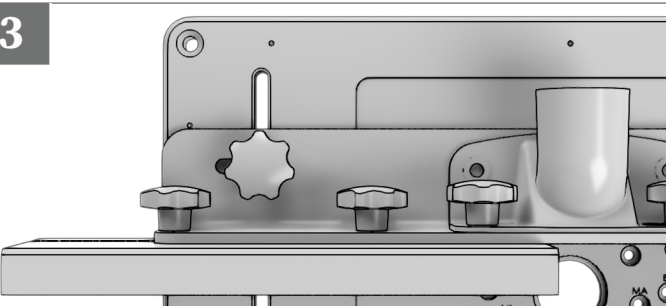
Insert four M6 T-bolts through the holes in the *Fence*, with the “T head” positioned on the front side of the *Fence*. Start the four *Large Knobs*.

2



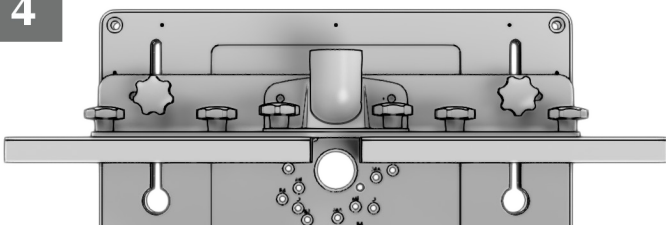
Slide the *Sacrificial Fence* onto the M6 T-Bolts, pushing each T-bolt through the lower slot on the *Sacrificial Fence*.

3



Position the *Sacrificial Fence* as needed, and tighten the *Large Knobs*.

4



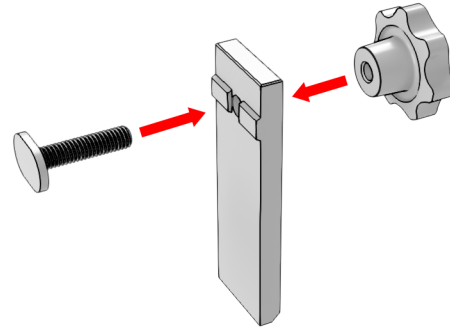
Repeats Step 2 and 3 for the other *Sacrificial Fence*.

NOTICE

The *Sacrificial Fences* are fully reversible. Should you cut into the fences, simply remove the four *Large Knobs* and M6 T-Bolts, flip the fences 180 degrees, and reinstall.

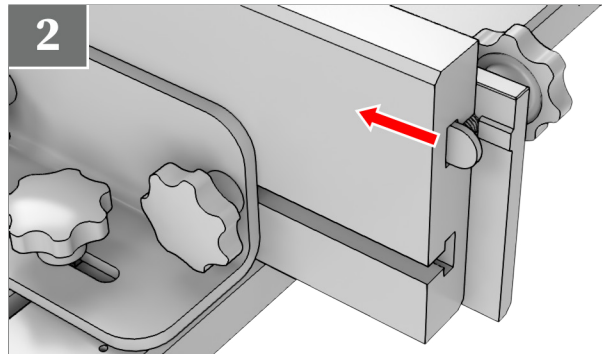
Attaching Fence Stops to Sacrificial Fence

1



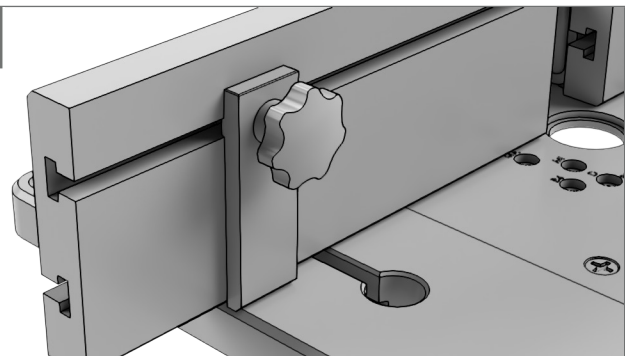
Insert the M6 T-Bolt through the hole in the *Fence Stop* with the “T head” on the side with the rail. Start the *Large Knob*.

2



Slide the assembly from Step 1 into the top slot of the *Sacrificial Fence*.

3



Position as required and tighten the *Large Knob*.

MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

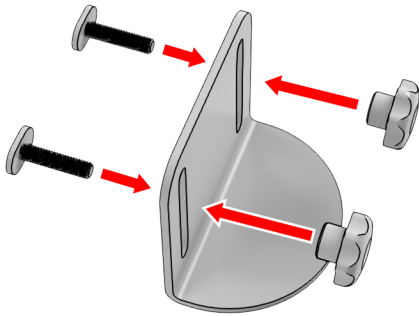
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NOTICE

When not in use, the *Fence Stops* can be conveniently stored and secured upside down on the back side of the *Fence*.

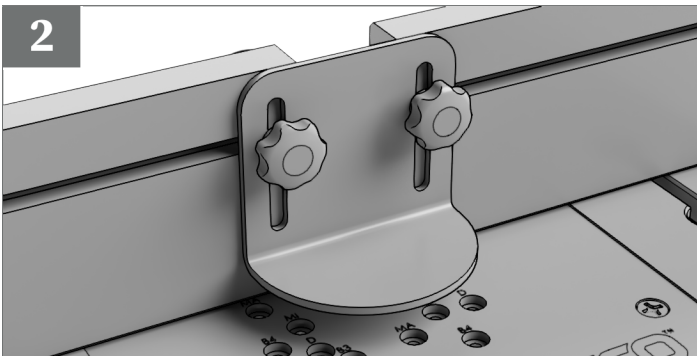
Attaching Guard to Sacrificial Fence

1



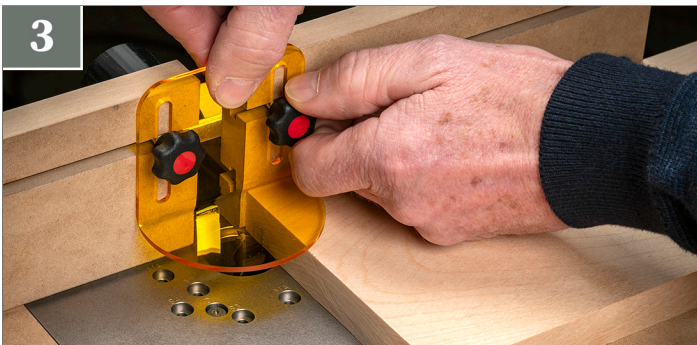
Insert the M6 T-Bolts through the slots in the *Guard* as shown. Start the *Small Knobs*.

2



Slide the M6 T-Bolts into the upper slot of the *Sacrificial Fence* with the *Guard* flange down and parallel to the work surface.

3

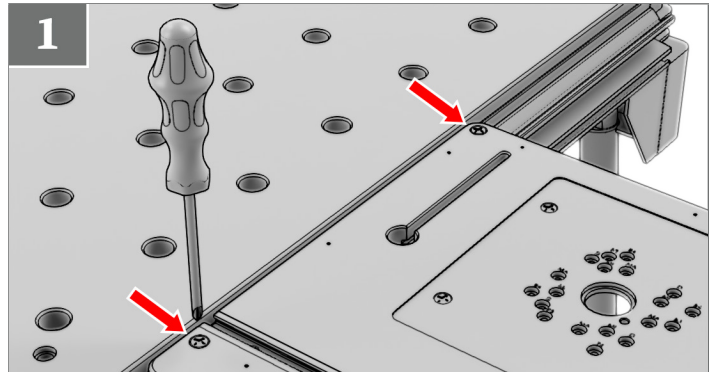


Adjust as needed and secure by tightening both *Small Knobs*. For the perfect fit, adjust your guard height to the workpiece as shown above.

Optional: Shimming Router Tabletop

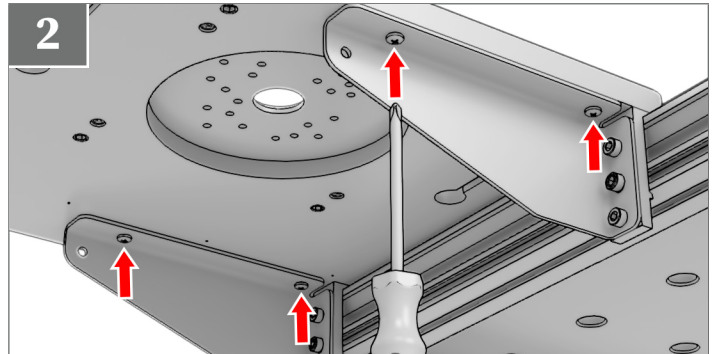
Due to the varied manufacturing thickness of MFT/3 worktops and their susceptibility to moisture and swelling, you may find it necessary to shim the Router Tabletop so that it is coplanar to, or slightly above, the MFT/3 worktop. Follow the steps below to make these adjustments.

1



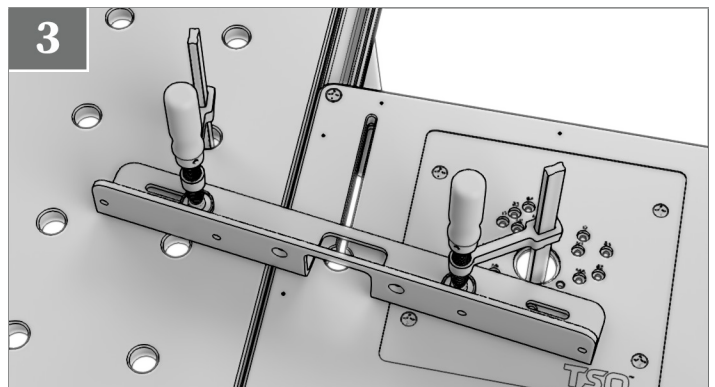
Using a Phillips Screwdriver #3, loosen the two M6x25 Flat Head Screws on the Router Tabletop.

2



Using a Phillips Screwdriver #2, loosen the four #10 Pan Head Screws that hold the Router Tabletop to the Shelf Brackets.

3

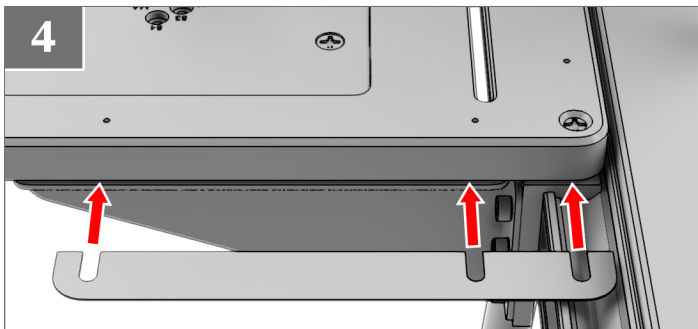


Run the *Fence* across the MFT/3 and Router Tabletop and secure with two clamps, as shown above.

MFT/3 ROUTER TABLE ASSEMBLY INSTRUCTIONS

TSO™ PRODUCTS

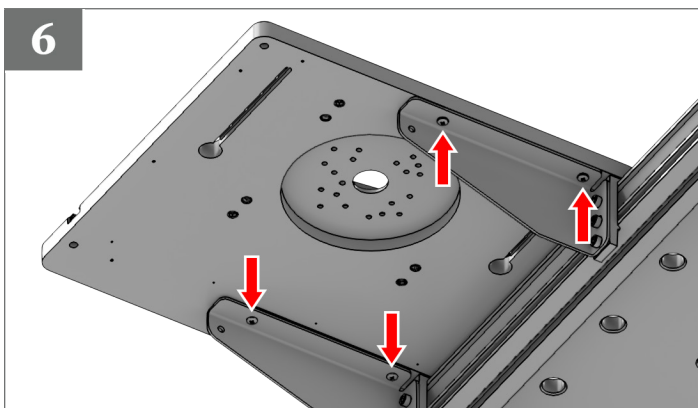
Optional: Shimming Router Tabletop (Continued)



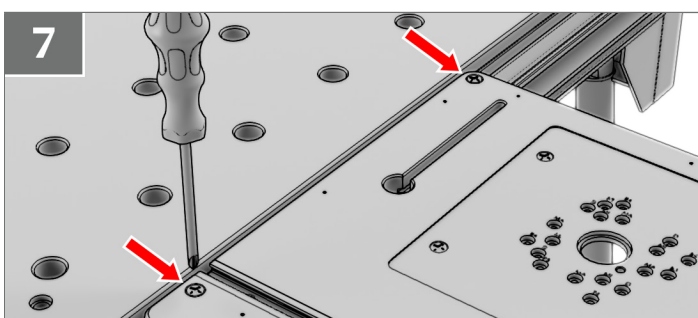
Insert *Spacers* between *Shelf Brackets* and the bottom of the Router Tabletop.



Unclamp the *Fence* from the *Tabletop*.



Using a *Phillips Screwdriver #2*, tighten the four *#10 Pan Head Screws* that hold the *Tabletop* to the *Shelf Brackets*.



Using a *Phillips Screwdriver #3*, tighten the two *M6x25 Flat Head Screws* on the *Tabletop*.

8

Test for coplanar. Take the *Fence* (or a known flat board) and slide it along the Router Tabletop and across the MFT/3 table. It should slide freely.

Questions, Comments, or Ideas?

We thrive on your feedback, so please let us know if you have any comments, concerns, feedback, or ideas on how we can continuously improve our products.

We're easy to reach! In the United States, call us toll-free at 800-727-0311. For our international customers, call us at 239-236-5526. To send us a message, visit us at www.tsoproducts.com or email info@tsoproducts.com, and we'll get back to you as soon as possible.