

Precision Mighty Miter-92 Manual

Release date: 7.01.2020



Contents

- Mighty Miter-92 assembly
- (2) M8 knobs
- (2) Knobs (1/4-20 thread) with T-nuts
- (2) M5 screws with integrated washers and T-nuts for MFT fence extrusion

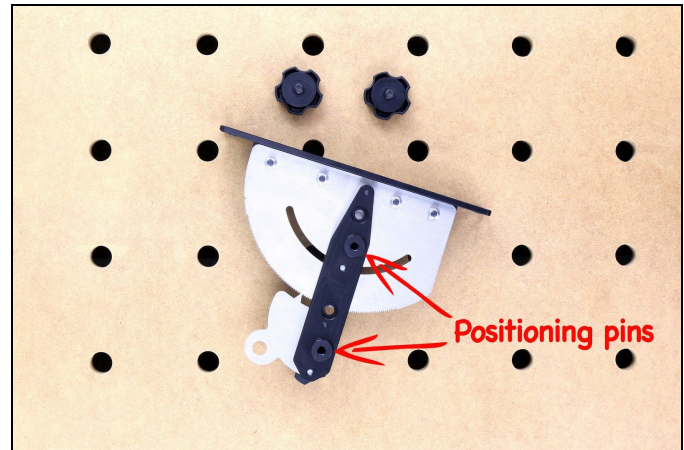
Benefits

- Quick installation and calibration.
- Very robust construction with dual contact points (one knob indexes and the second one secures miter at a desired angle).
- Ability to place and install anywhere on the table by utilizing just two holes and bringing your cuttings as close to the user as required without any excessive hand reachout.
- Two machined slots on a PMM-92 fence allows integration with any extrusion or fence on the market (knobs for ¼ T-slot extrusions and M5 (Festool MFT fence extrusion or any other with 6mm T-slot opening) supplied. Additional hardware may be required for other fences.
- Contrast oversized decals facing the user with two scales to pick from (centered at 0 or 90 degrees) for ease of readout.
- Positive stop on every angle in range including 22.5.
- Guaranteed accuracy and precision to 0.005 of a degree.
- Will work with any workbench that has a tabletop thickness of 0.5" or more.
- Made in USA

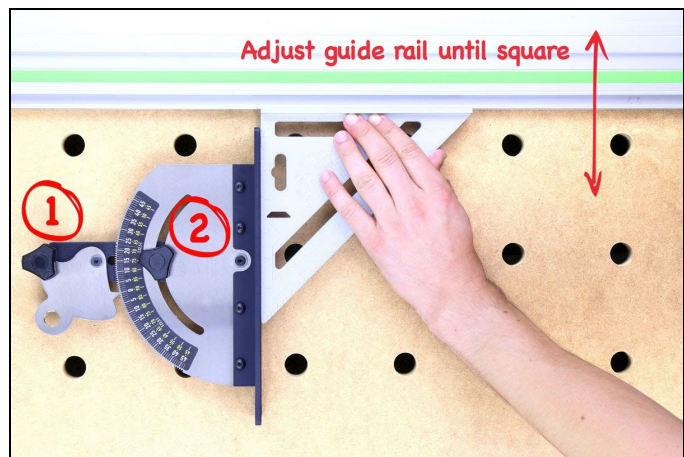
Installation and calibration of PMM-92

Precision Miter Gauge assembly comes already calibrated. One needs only to calibrate it with the surface/rail it will be attached to and work with.

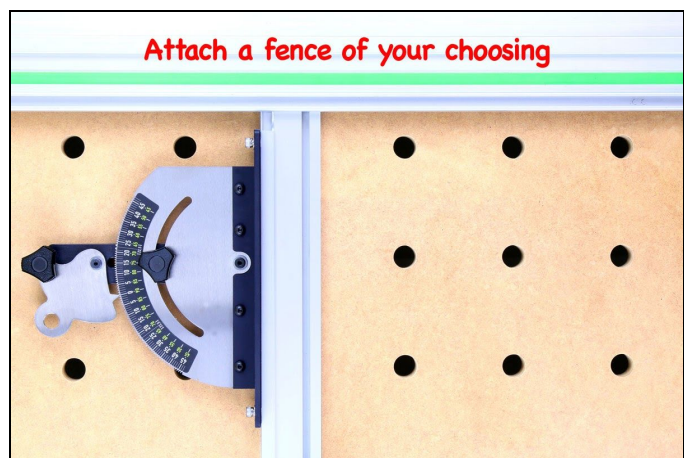
1. Pick two holes on your worktable and place insert your Precision Miter Gauge by means of using positioning pins. Afterwards secure it with 2 M8 knobs supplied (alternatively you can use knobs from Festool clamping elements set).



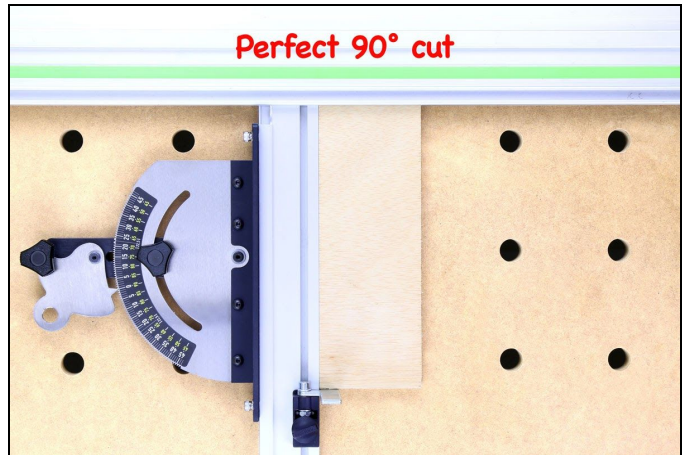
2. Loosen Knob number one and two as pictured. Index a pivoting positioner into a 0 or 90 degree slot (depending on reading convenience of yours) and tighten knob number one and knob number two in this order. Place any right angle measuring instrument in your shop (a right triangle pictured) against the PMM-92 fence. Slide it against the fence until it will touch your guide rail on MFT. Adjust guide rail until the side of it will be flush with your measuring instrument and secure it. Your Precision Miter gauge is fully calibrated.



3. Attach a fence of your choosing to PMM-92 fence using knobs supplied. If you have your own fence that does not have a 1/4 " or 6mm opening slot you will need some additional hardware.



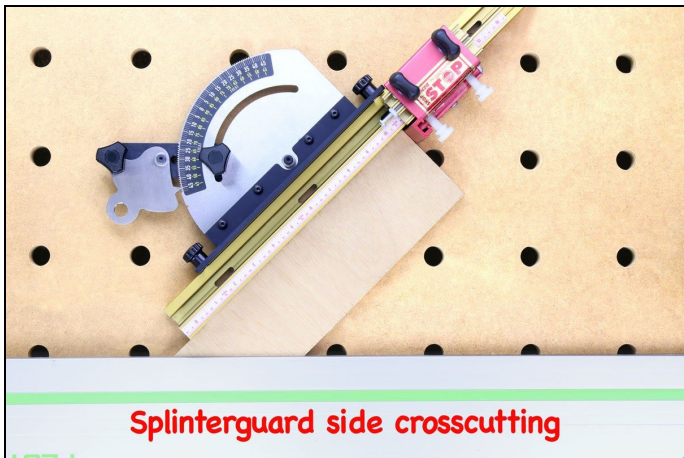
4. Place your material against the fence and make a cut. Right angle is guaranteed.



5. To make a certain angle cut (22.5 degree angle cut is pictured) loosen knobs 1 and 2 again. Index a desired angle with knob 1 and secure it with knobs 2. Place your material and make the cut.



6. Precision Mighty Miter can be placed on the right side of the Guide rail (splinter guard side). Calibration will need to be done against the splinterguard edge. This setup with a fence of your choosing is very handy in doing angled cuts on some short pieces as miniature picture frames etc.



If you have any questions please reach out. We enjoy communications with our customers and love feedback!

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