

**Thanks for purchasing this genuine TSO Product.**

Should you have any product questions or issues, please contact us toll-free at 800-727-0311 (U.S.), 239-236-5526 (international), or email us at [info@tsoproducts.com](mailto:info@tsoproducts.com).

## Introduction

The patent-pending **TPG Parallel Guide System** attaches quickly and easily to the **TSO GRS-16 Guide Rail Square** with a tool-free design utilizing comfort grip knobs that work with or without work gloves. Calibration is simple, effective and maintained even when the guide rail square is removed, stowed away, and re-deployed.

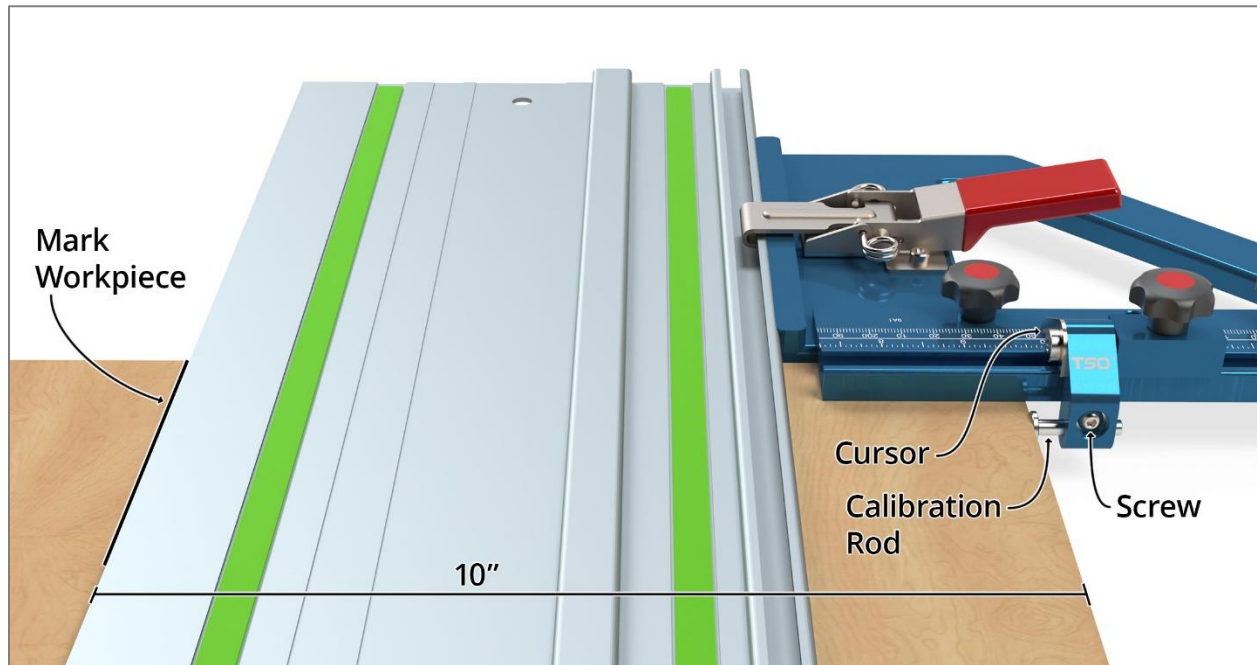


The **TPG Parallel Guide T-Track** is a proprietary aluminum extrusion incorporating a t-slot compatible with Festool® and Makita® guide rails. The TPG-20 and TPG-30 T-tracks feature a permanent laser-engraved scale in both inches and millimeters, while the longer TPG-50 T-Tracks come with an applied Starrett® scale in both inches and millimeters.

The **TPG Parallel Guide Flip-Stops** are precision machined and assembled for LEFT Hand and RIGHT Hand T-tracks. The appropriate configuration is included with each set of T-tracks. The **Flip-Stops** are now designed to be reversible LEFT / RIGHT for user disassembly and reconfiguration. These Flip-Stops feature a unique parallax-free viewing cursor enabling fast, accurate adjustment.



Attachment of the Flip-Stop to the T-Track uses TSO's distinctive keystone clamp with self-aligning feature, torpedo-shaped nut plate for easy insertion, and generously sized knobs for user comfort. Optionally, additional Flip-Stops can be purchased separately and added to the same T-Track, providing more convenience when making cuts of multiple widths.



### Calibration for stock wider than the guide rail

1. Mount the TPG Parallel Guide T-Track to the GRS-16 Guide Rail Square using the (2) M6 x 10 mm knobs provided.
2. Slide the Flip-Stop onto the TPG Parallel Guide T-Track, cursor end first, and secure the knob.
3. Attach the GRS-16 Square + Parallel Guide assembly to the right end of the Festool® or Makita® guide rail.
4. Mark a line on the workpiece at 10 inches (254 mm) from the edge.
5. Place the assembled Guide Rail + GRS-16 Square + Parallel Guide on the workpiece and set the cursor to the 10-inch (254 mm) mark.
6. Loosen the Screw securing the Calibration Rod and slide the rod so that it contacts the edge of the workpiece. Then tighten the screw securely with the 2.5 mm L-wrench provided.
7. This calibration should be complete for this saw and guide rail combination, but cuts should be checked occasionally to confirm nothing has changed.

### Use

1. Confirm that stock is wider than the guide rail.
2. Set the cursor on the TPG Parallel Guide to the required width of cut.
3. Set the saw to the required depth of cut.
4. Position the reference edge of the GRS-16 Guide Rail Square against the edge of the workpiece perpendicular to the cut.
5. Move the Parallel Guide + Guide Rail so that the head of the Calibration Rod rests against the edge of the workpiece which will be parallel to the cut.
6. It may be helpful to raise the guide rail slightly to ease the friction caused by its anti-slip strips and make it easier to reposition.

## Calibration for stock narrower than the guide rail

Calibration using the supplied Narrow Stock Rod

**Although the TSO TPG-Parallel Guide – TPG, as with all parallel guide devices, can be used to cut narrow stock (stock that is narrower than the guide rail), the preferred method of making narrow cuts is with a table saw. Care must be used to make a stable setup. We recommend practice with scrap material to perfect your technique.**

**Cutting narrow stock requires a left-hand parallel guide with all parallel guide devices. In addition to the right-hand parallel guide, the workpiece must be supported with pieces of material under the Guide Rail of the same thickness as the workpiece to stabilize the Guide Rail + GRS-16 Square + Parallel Guide assembly and prevent the workpiece from moving. This is even more important when the workpiece is shorter than the guide rail being used.**

1. Mount the TPG Parallel Guide T-Track to the GRS-16 Guide Rail Square using the (2) M6 x 10 mm knobs provided.
2. Slide the Flip-Stop onto the TPG Parallel Guide T-Track, cursor end first.
3. Attach the GRS-16 Square + Parallel Guide assembly to the right end of the Festool® or Makita® guide rail.
4. Remove the Wide Stock Calibration Rod and insert the Narrow Stock Rod.
5. Place the assembled Guide Rail + GRS-16 Square + Parallel Guide on the workpiece with the Narrow Stock Rod under the Guide Rail and set the cursor to the 10-inch (254 mm) mark.
6. Place a piece of material against the Guide Rail splinter guard. Loosen the Screw securing the Narrow Stock Rod and slide the rod so that it contacts the edge of the material in contact with the splinter guard. Then tighten the screw securely with the 2.5 mm L-wrench provided.
7. With this calibration method, zero-width corresponds to the 10-inch (254 mm) mark. As an example, to cut material 3-inches wide, the cursor would be set to the 13-inch (330 mm) mark.
8. This calibration should be complete for this saw and guide rail combination, but cuts should be checked occasionally to confirm nothing has changed.