

MIMO315

Routing and Mounting Template

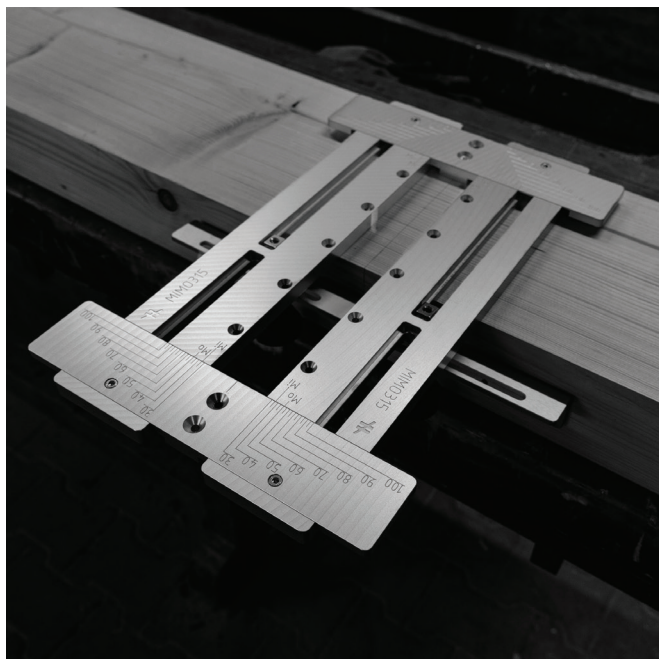
SIMPSON

Strong-Tie



Product Manual





The MIMO315 is a single routing and mounting template that fits many types and sizes of concealed connectors up to 25 mm thick. Its precision-milled, stepless scale and flexible stop let you set it up quickly for small, large, or angled timber.

Note:

MI stands for milling setting.

MO stands for mounting setting.

In this manual:

What You Need

Preparing the Template

Preparation for Milling the Connector Recess

Preparation for Mounting the Connector

The Finished Joint

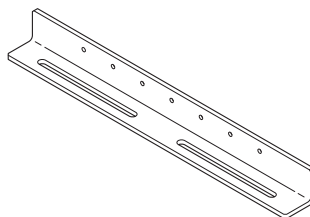
What You Need



T-nuts



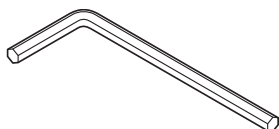
Spacer sleeves



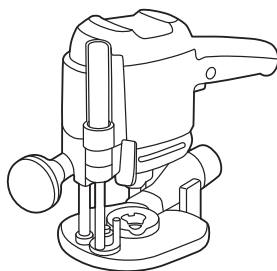
Stop block



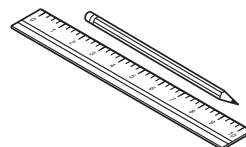
Star screws



Allen key

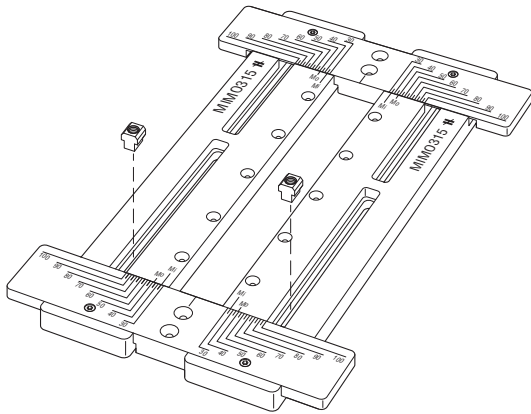


Router

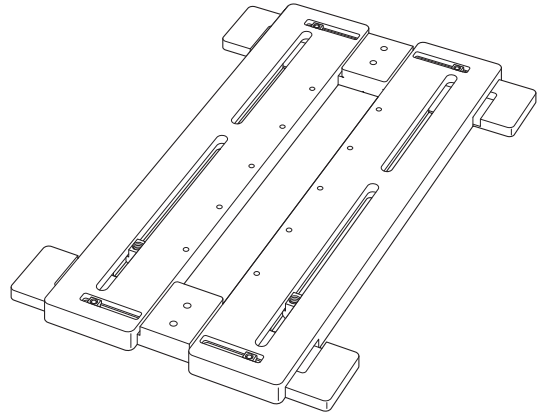


Tape measure + pencil

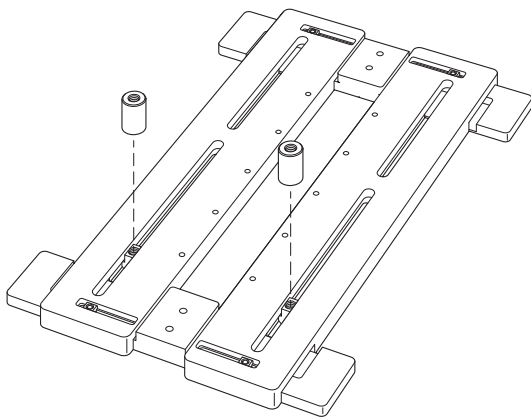
Preparing the Template



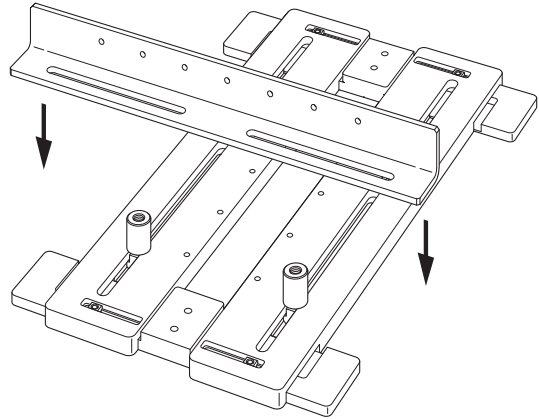
01. Place the T-nuts into the template.



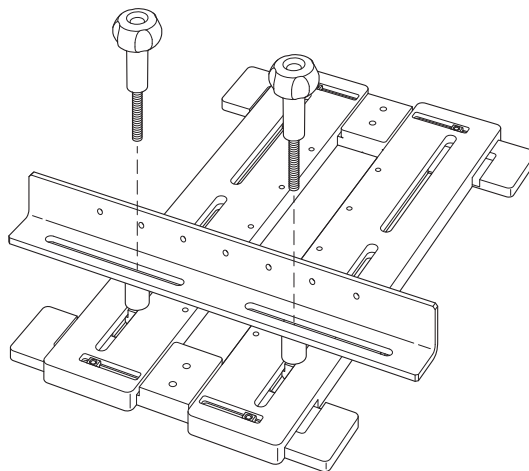
02. Flip the template over.



03. Place the spacer sleeves over the T-nuts.

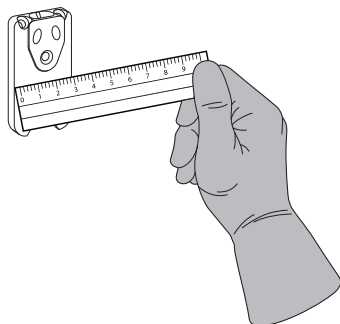


04. Place the stop block on the spacer sleeves and hold it in place.

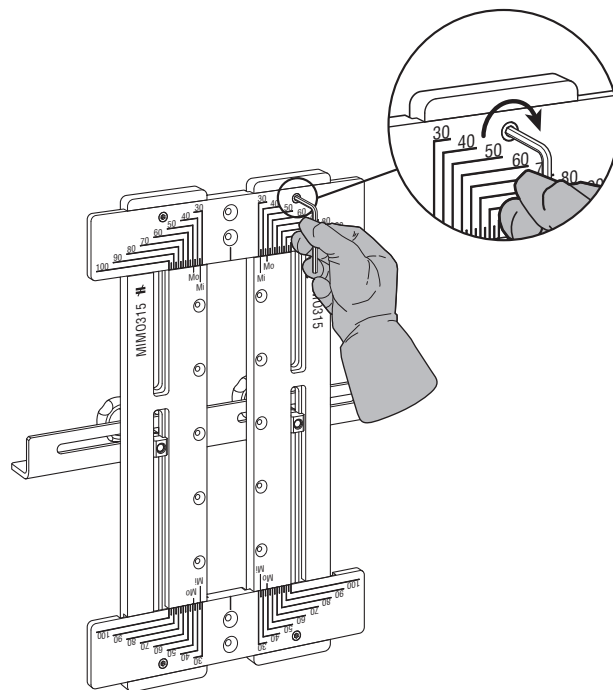


05. Insert the star screws through the stop block and spacer sleeves, and screw them into the T-nuts. Leave loose!

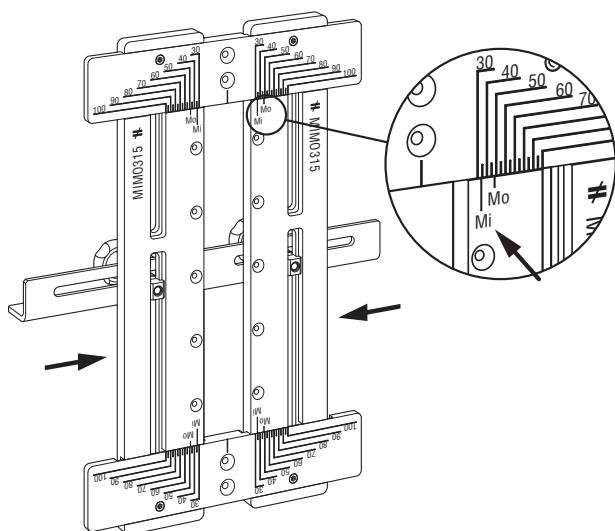
Preparation for Milling the Connector Recess



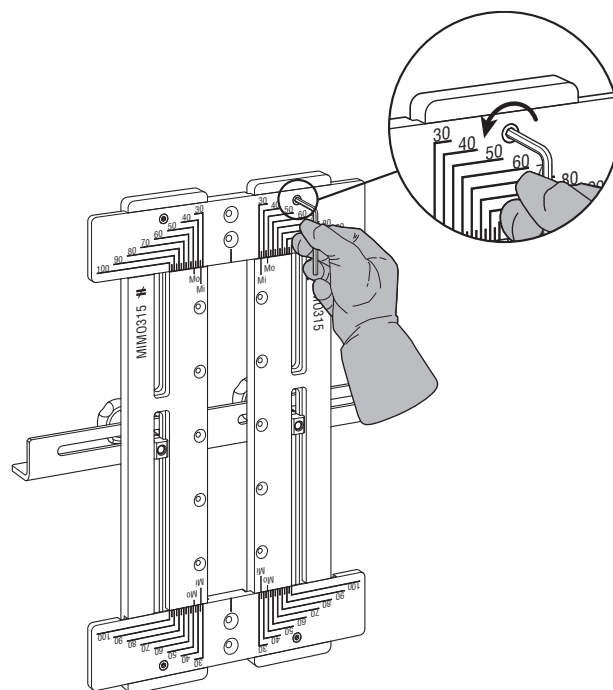
01. Measure the width of the connector.



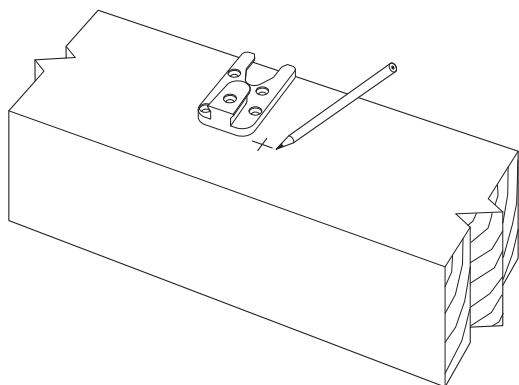
02. Loosen the Allen (hex socket) screws on the front side.



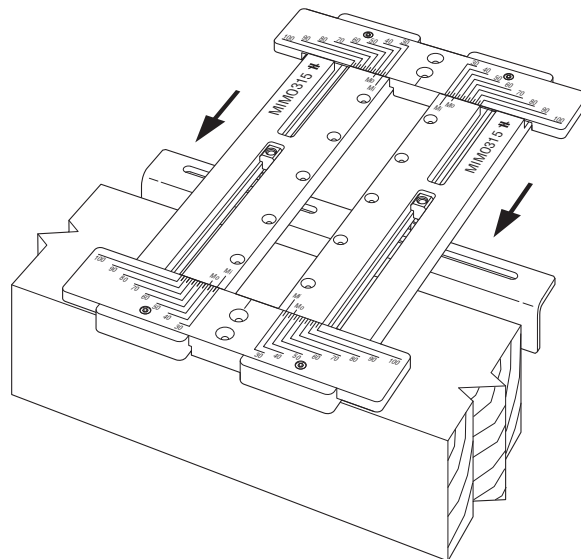
03. Align the MI mark with the connector-width mark. When using a 30 mm copying ring and a Ø16 mm router bit, set the width to the connector width plus 7 mm.



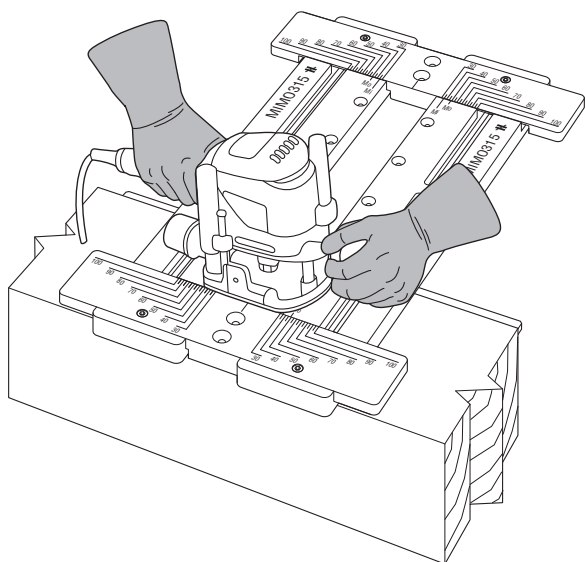
04. Retighten all 4 Allen (hex socket) screws.



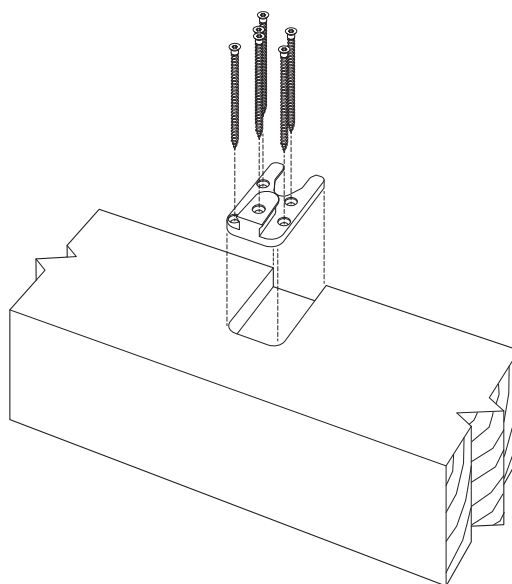
05. Measure the connector length and mark its position along the wood accordingly.



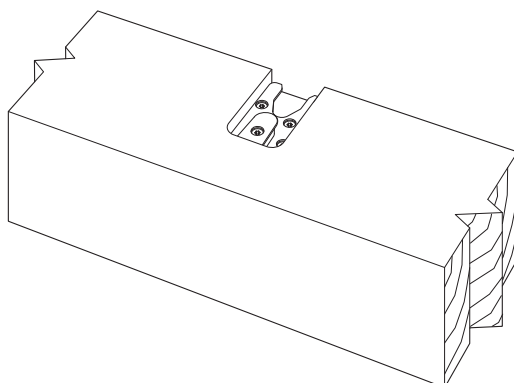
06. Place the template on the wood, align it with the marking (scribe line), and fix the template onto the wood using the required +7 mm adjustment.



07. Rout.

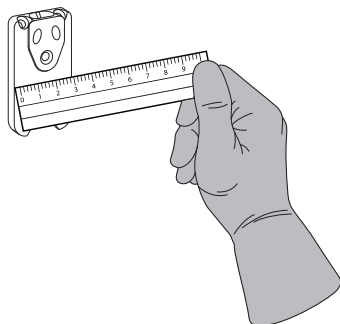


08. Remove the template from the wood. Insert the connector and screw it in place.

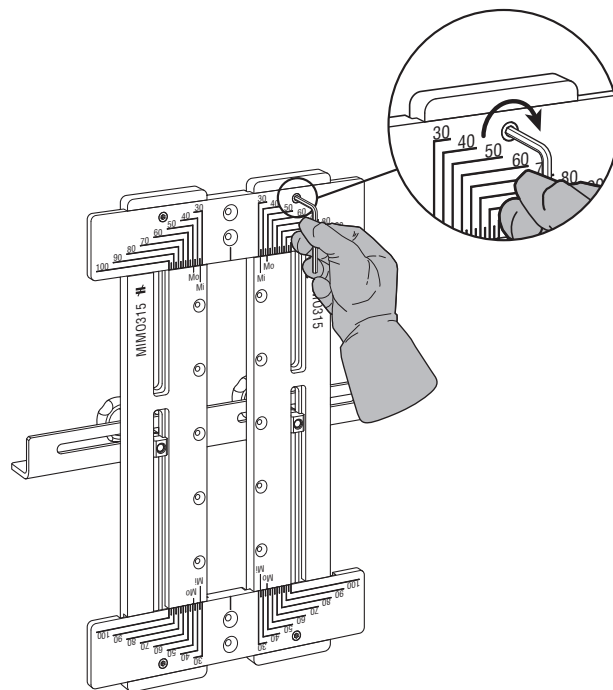


09. Your wood is now ready to use.

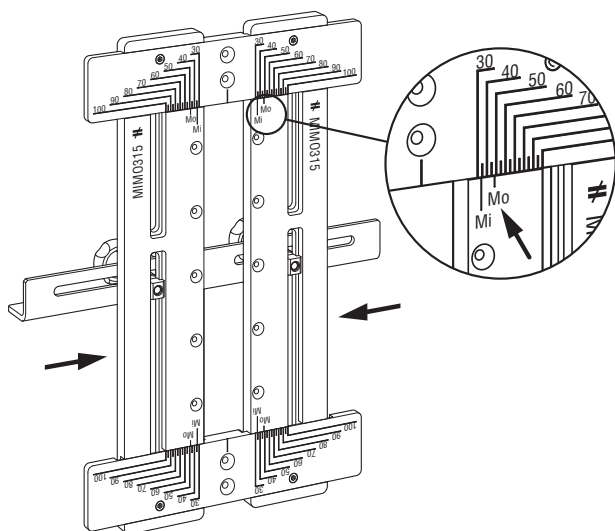
Preparation for Mounting the Connector



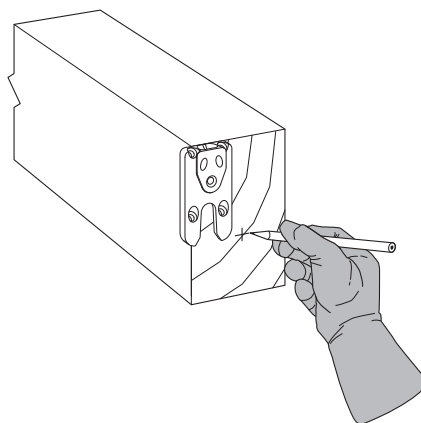
01. Measure the width of the connector.



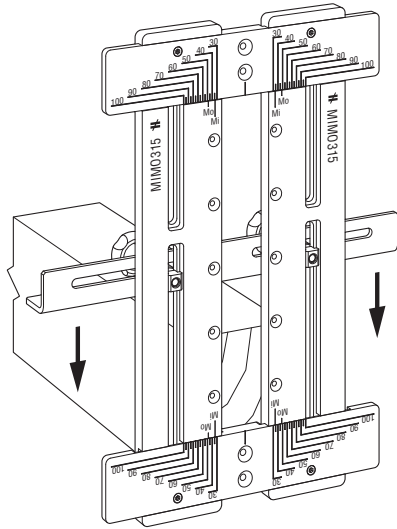
02. Loosen the Allen (hex socket) screws on the front side.



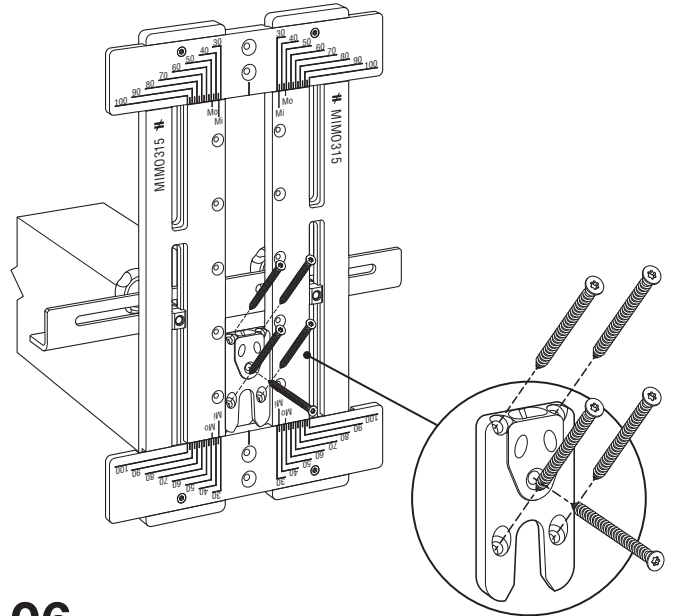
03. Align the MO marking with the marking for the connector width.



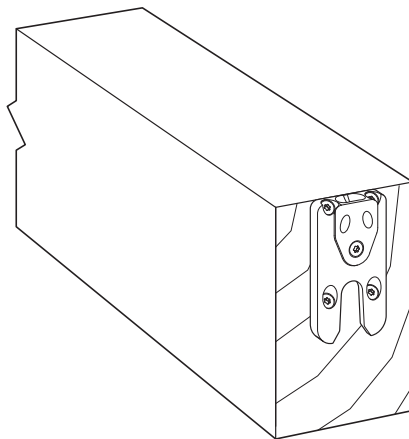
04. Measure the connector length and mark its position along the wood accordingly.



- 05.** Place the template with the stop block against the top side of the secondary beam (joist). Align the height of the bottom edge of the template with the marking (scribe line), then tighten the star screws.



- 06.** Insert the connector and screw it in place.



- 07.** Remove the template from the wood again.

The Finished Joint

Both timbers are fastened together with the connector completely concealed inside.
No hardware is visible from the outside.

