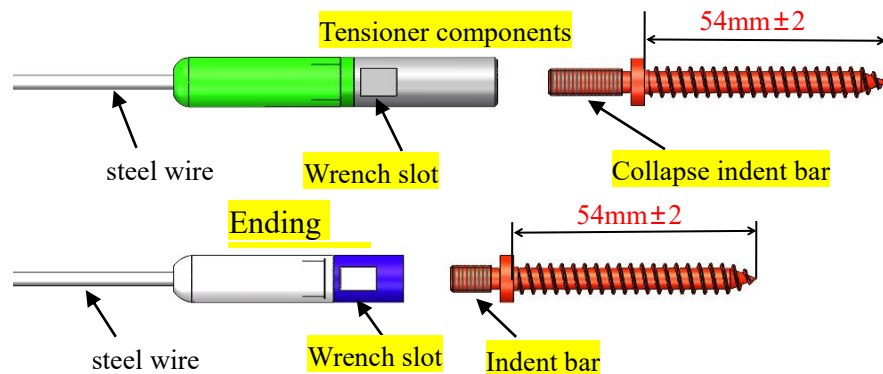


MR.RAIL MR-02 1/8" Wood Screw Tail Cable Railing Horizontal Installation Instructions (Wood Posts)

Compatible with 1/8" (3.2mm) 1×19 Stainless Steel Cable

⚠ Safety Notice: Wear work gloves during installation to avoid injury from steel cable.



Required Tools: • 3/8" wrench • Drill with 5mm bit • Cable cutter for stainless steel cable • Pliers

Installation Steps

Step 1 – Mark the cable locations on both wood posts. Recommended cable spacing is about 3". Cable openings must not allow a 4" sphere to pass through.

Step 2 — Install Wood Screw Tails: For most standard wood posts, the wood screw tails can be installed directly without pre-drilling. For hardwood, aged/dry wood, or near-edge installation, pre-drill a 5mm pilot hole to help prevent splitting and keep the fitting aligned. Do not damage the threads during installation.

Step 3 – Secure Ending / Prepare Tensioner: Fully tighten the Ending fitting using a 3/8" wrench. On the tensioner side, leave 10–15 mm of exposed thread for final tensioning. Make sure all threaded connections are properly seated.

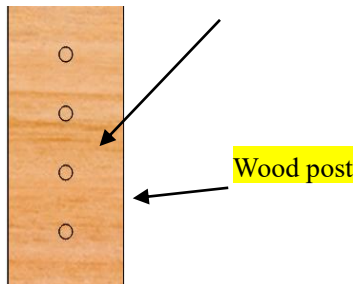
Step 4 – Insert Steel Cable: Insert the 1/8" stainless steel cable into both fittings until locked.

Step 5 – Final Tensioning: Use a 3/8" wrench to rotate the tensioner. Tighten until the cable is fully tensioned. For indoor and outdoor use. After installation, apply rust-preventive lubricant when needed.

Technical Notes: Recommended cable spacing: Follow local IRC/IBC requirements and local building codes.

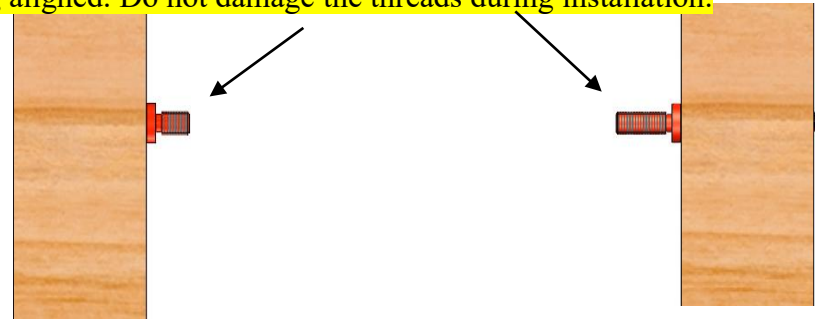
Step 1: Mark & Check Spacing

Mark installation points on the post. Ensure wire spacing complies with local Building Codes (Recommendation: Cable openings must not allow a 4" sphere to pass through).



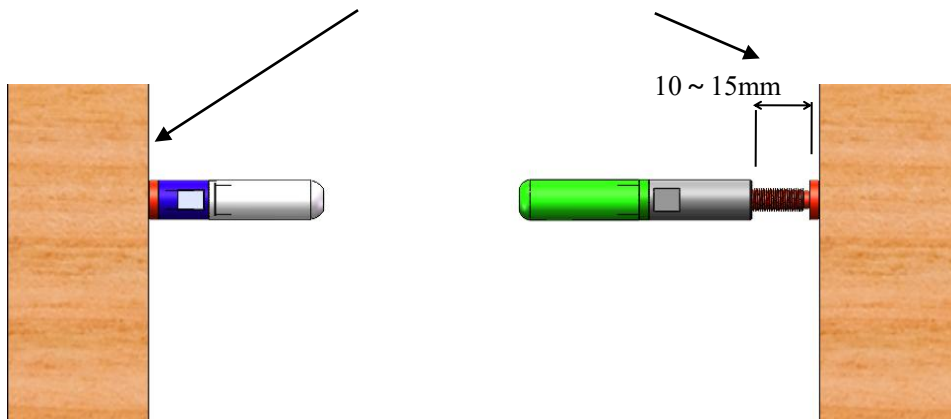
Step 2 — Install Wood Screw Tails

For most standard wood posts, the wood screw tails can be installed directly without pre-drilling. For hardwood, aged/dry wood, or near-edge installation, pre-drill a 5mm pilot hole to help prevent splitting and keep the fitting aligned. Do not damage the threads during installation.



Step 3: Attach Fittings

Screw the Tensioner and End Fitting onto the installed rods.
Note: Leave a 10-15mm gap on the Tensioner side for tensioning.



Step 4: Insert Cable & Tension

Push the cable fully into both fittings until locked.
Rotate the Tensioner with a 3/8" wrench until tight.

