MR.RAIL MR-05 1/8" Quick Lock Through-Post Cable Railing Tensioner Installation Instructions

For Wood or Metal Posts | 35° Angled Washers Included | Tension from Either Side

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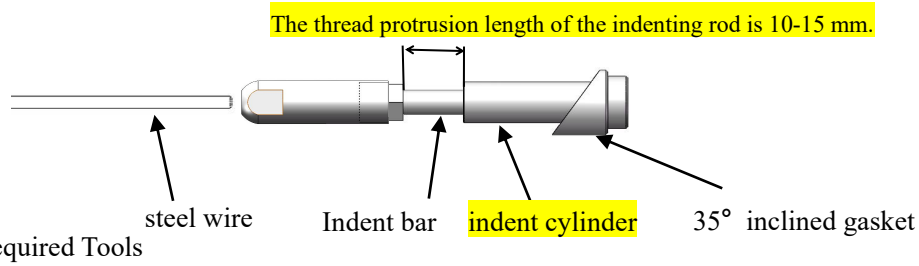
Safety Notice: Wear work gloves during installation to avoid injury from sharp cable ends.

Tensioner components



Required Tools

- 3/8" wrench • Hex key (Allen wrench) • Drill with 12mm bit • Cable cutter

instructions

Step 1 — Drill 35° Through-Holes：Drill 12mm through-holes at a 35° angle through both the starting and ending wood or metal posts.Make sure the holes on both posts are aligned before installing the tensioners.

Step 2 — Install Tensioners with 35° Angled Washers：Install the included 35° angled washers onto both MR-05 tensioners.Insert the tensioner assemblies through the drilled holes from both sides of the posts.Through-post installation helps reduce visible hardware for a cleaner finished look.Make sure both tensioners are properly seated and aligned before inserting the cable.

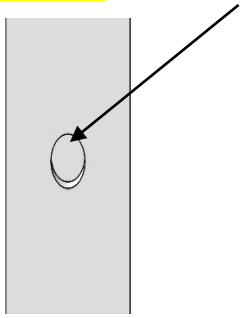
Step 3 — Insert Cable into Quick Lock Ends：Cut the 1/8" stainless steel cable to the required length.Push each cable end fully into the Quick Lock end of each tensioner until seated and locked.No crimping is required..

Step 4 — Tension the Cable from Either Side：Hold the wrench flats with a 3/8" wrench to prevent the tensioner body from rotating.Use a hex key / Allen wrench to turn the internal hex clockwise until the cable is fully tensioned.

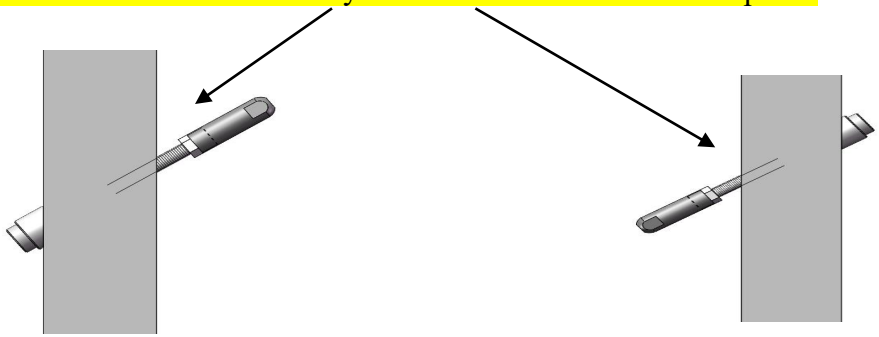
MR-05 can be tensioned from either side for easier adjustment.

Technical Notes：Recommended cable spacing: about 3".Always follow local IRC/IBC requirements and local building codes.Cable openings must not allow a 4" sphere to pass through.For indoor and outdoor use.

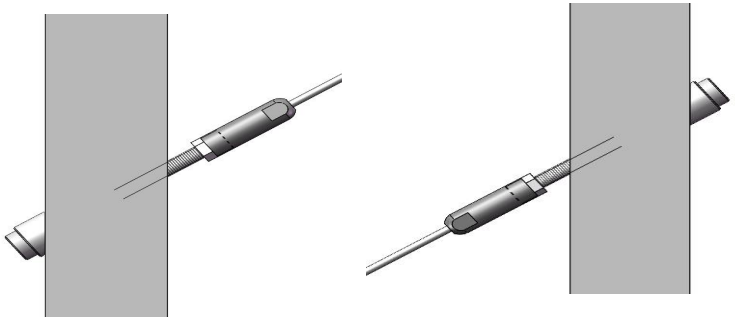
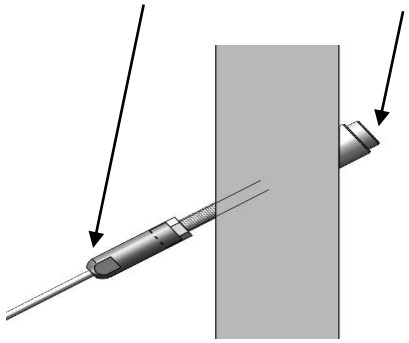
Step 1 – Drill 12mm through-holes at a 35° angle through both the starting and ending wood or metal posts.Make sure the holes on both posts are aligned before installing the tensioners.



Step 2 – Install Tensioner with 35° Angle Washers
Install the two 35° angled washers onto the tensioner.
Insert the tensioner assembly into the drilled holes on both posts.



Step 3 – Cut the 1/8" stainless steel cable to the required length.Push each cable end fully into the Quick Lock end of each tensioner until seated and locked.No crimping is required..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