



CK17

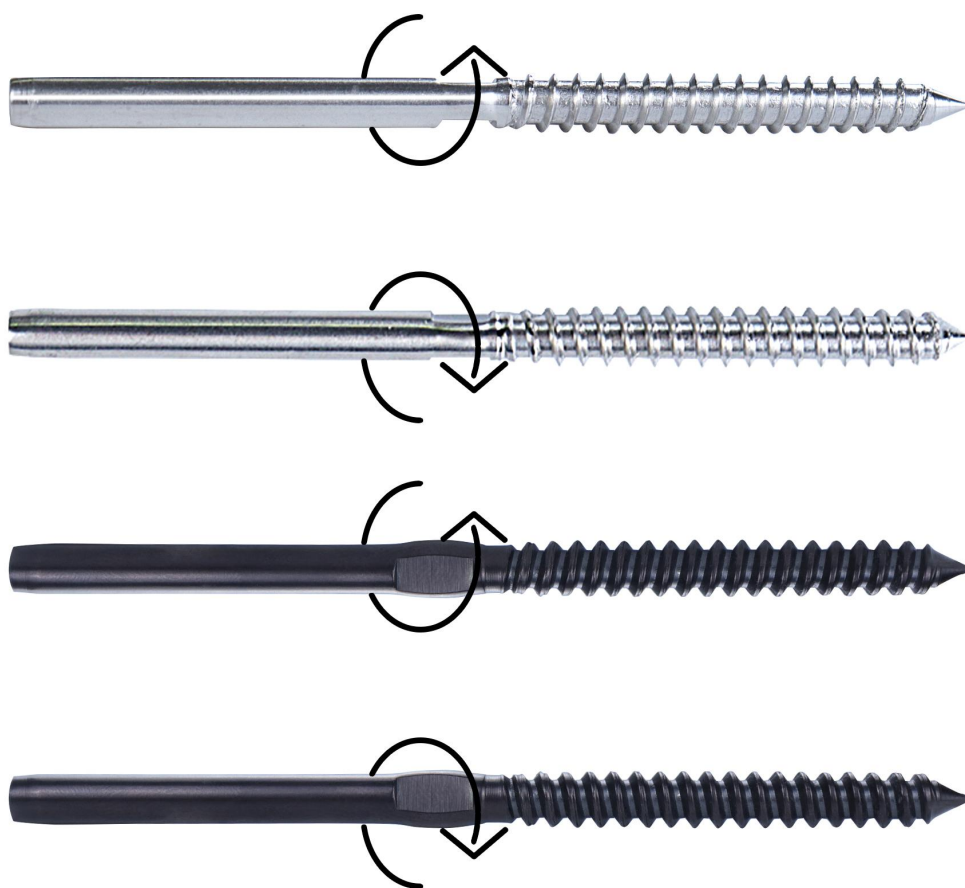
User Guide

1602020(230825)

1. Overview

Muzata CK17 is specially designed with LEFT & RIGHT threads to rotate the wire rope in the same direction, resolving the twisting problem when tightening. Made of high-quality T316 marine-grade stainless steel, it is ideal for indoor and outdoor projects as well as seaside applications. Suitable for 4"x4" or larger wood posts, including level and angled sections.

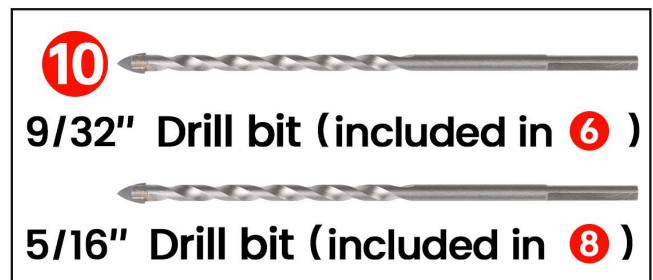
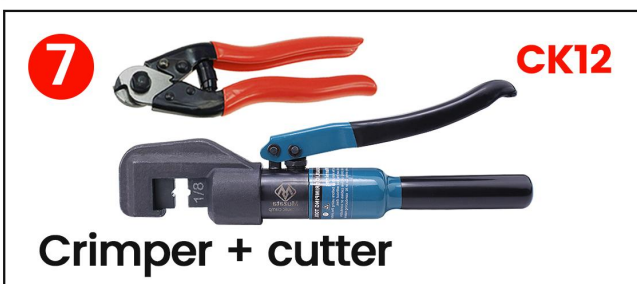
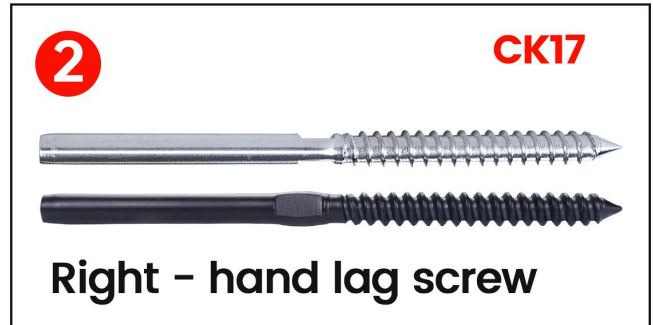
2. Specifications



Model	Material	For wire rope size	Finishing
CK17	T316 stainless steel	1/8"	Natural/Black

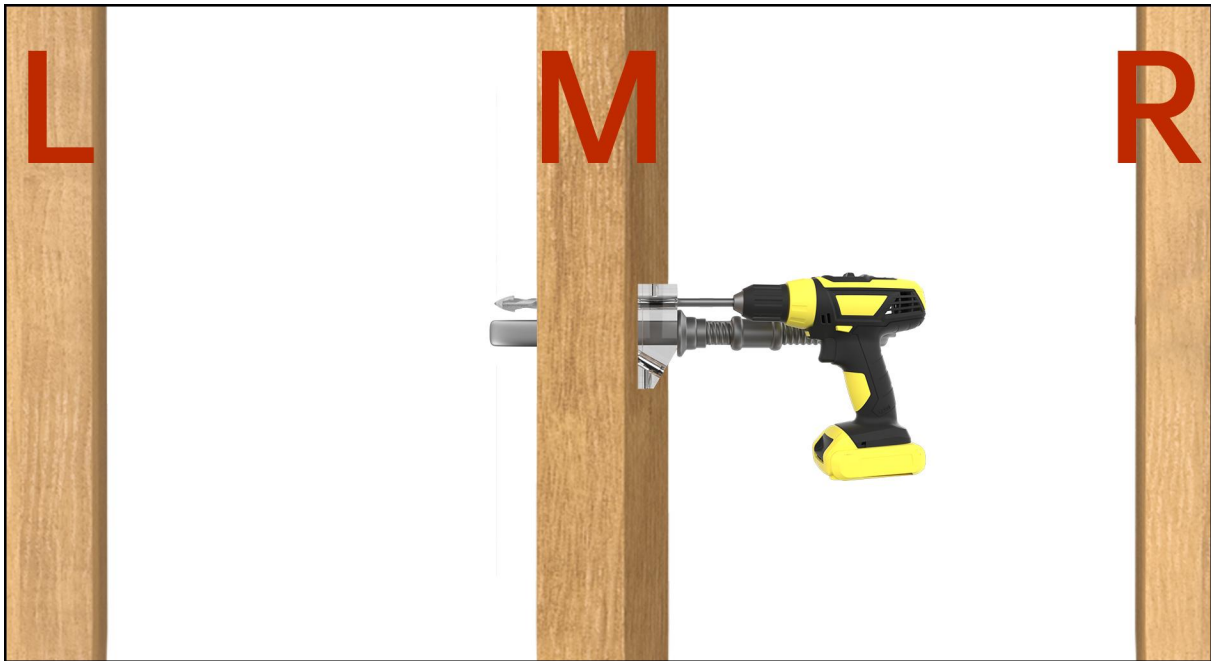
3. Items related

All of the accessories and tools related to the Muzata CK17 are listed below. Please note that not all items are essential. Some may not be included in your package. If you need them, you may need to purchase them separately. Please select the product's appropriate color on your project's color design.

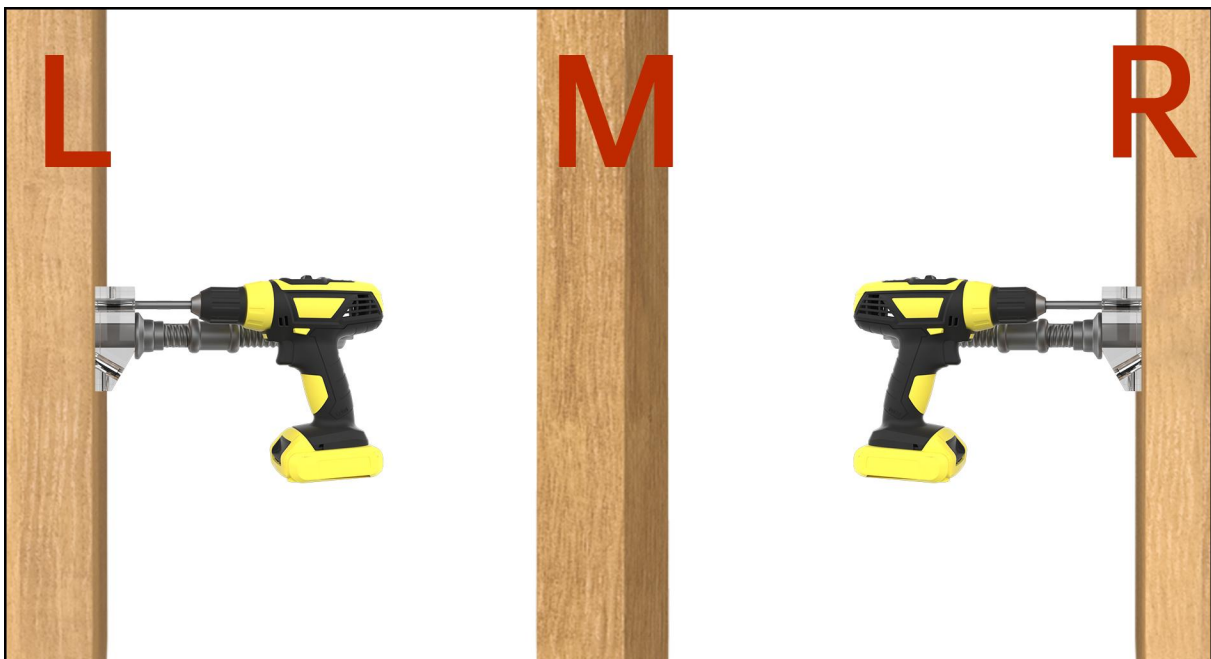


4. Installation Steps

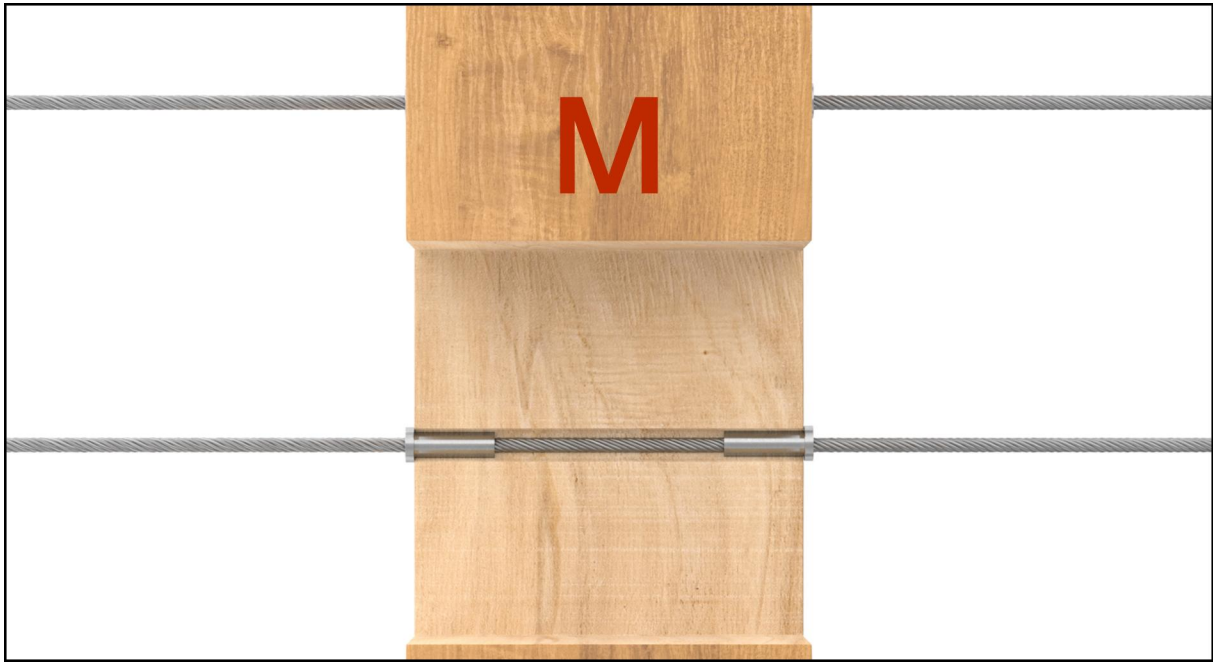
4.1 For level railing



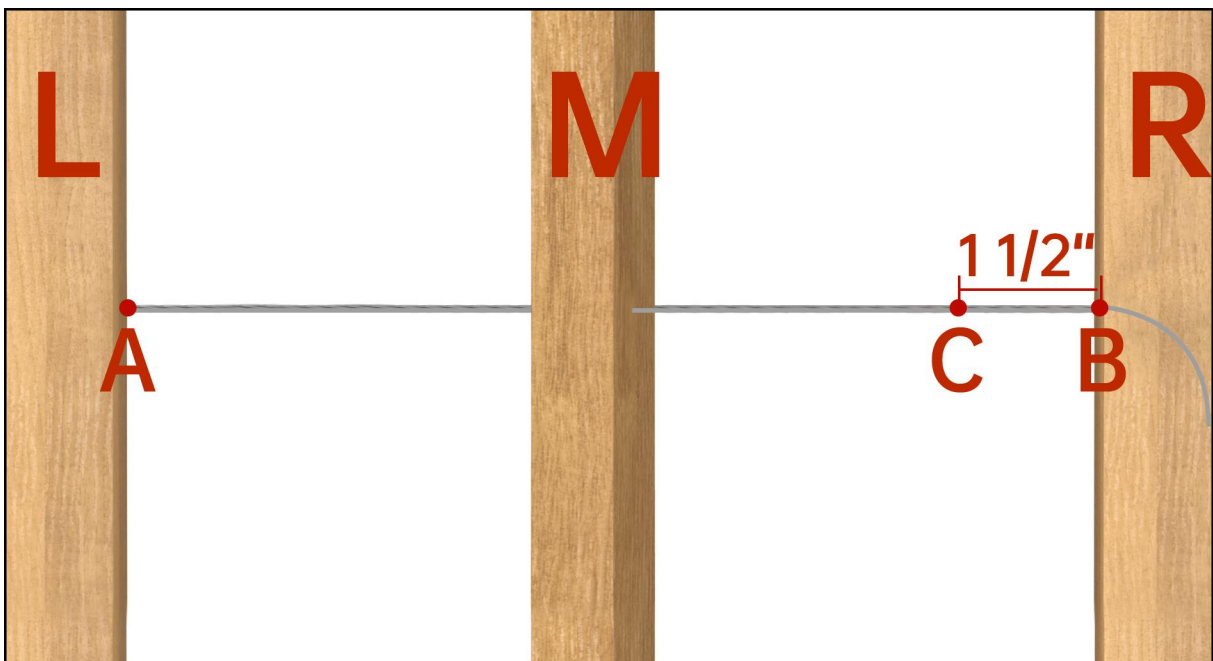
Step 1 - Locate the hole position with drill guide ⑨; drill through holes on the intermediate posts with a 9/32" drill bit ⑩.



Step 2 - Locate the hole positions with drill guide ⑨, and drill 2 5/32" deep holes with a 3/16" drill bit ④ on all end posts.



Step 3 - Pull cable ⑤ and level protector sleeves ⑥ through all intermediate posts, then install these sleeves ⑥.



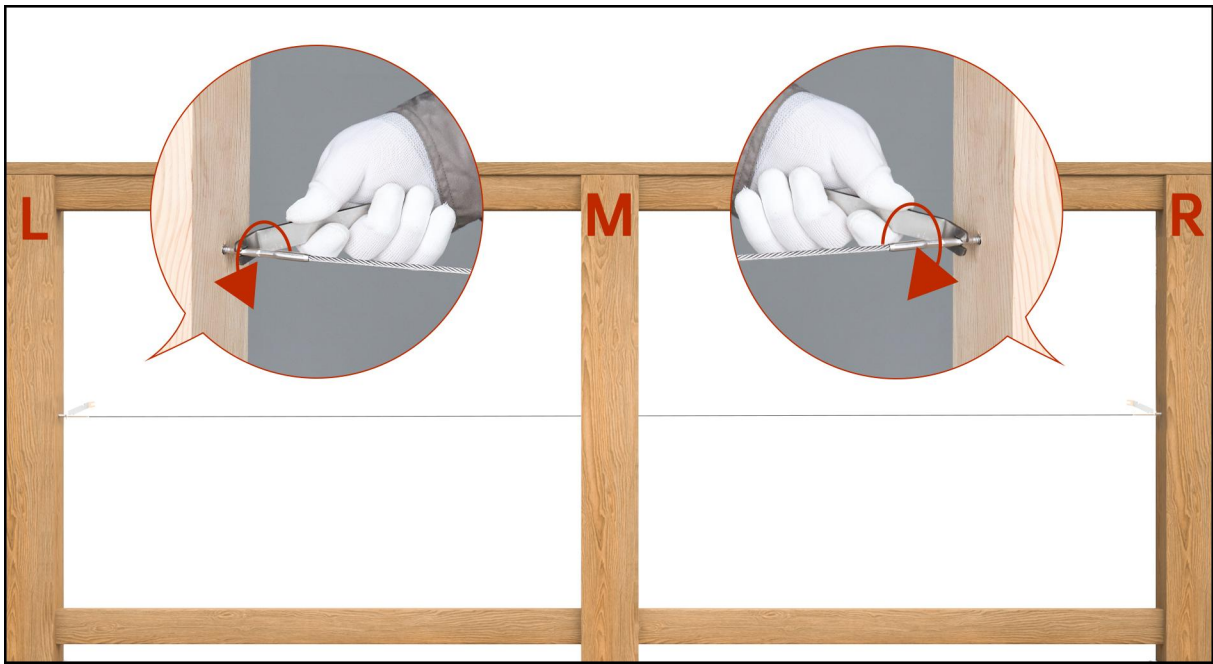
Step 4 - Measure two end posts span and mark point B on the cable, cut the cable at point B with cutter ⑦.



Step 5 - Mark and cut at C, which is 1 1/2" away from point B with cable cutter **7**.



Step 6 - Put in cable, swage left-hand lag screw **1** and right-hand lag screw **2** twice with hydraulic crimper **7**.

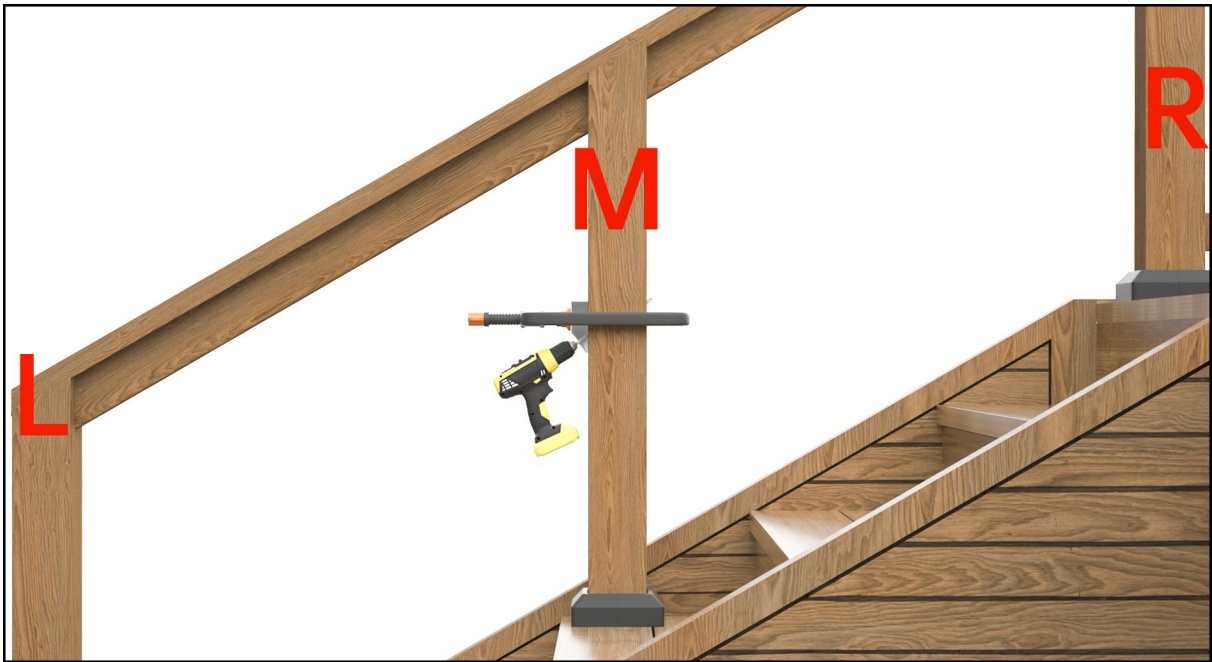


Step 7 - Use bent wrench **3** to tighten the left-hand lag screw **1** and right-hand lag screw **2** in the same direction on both end posts.

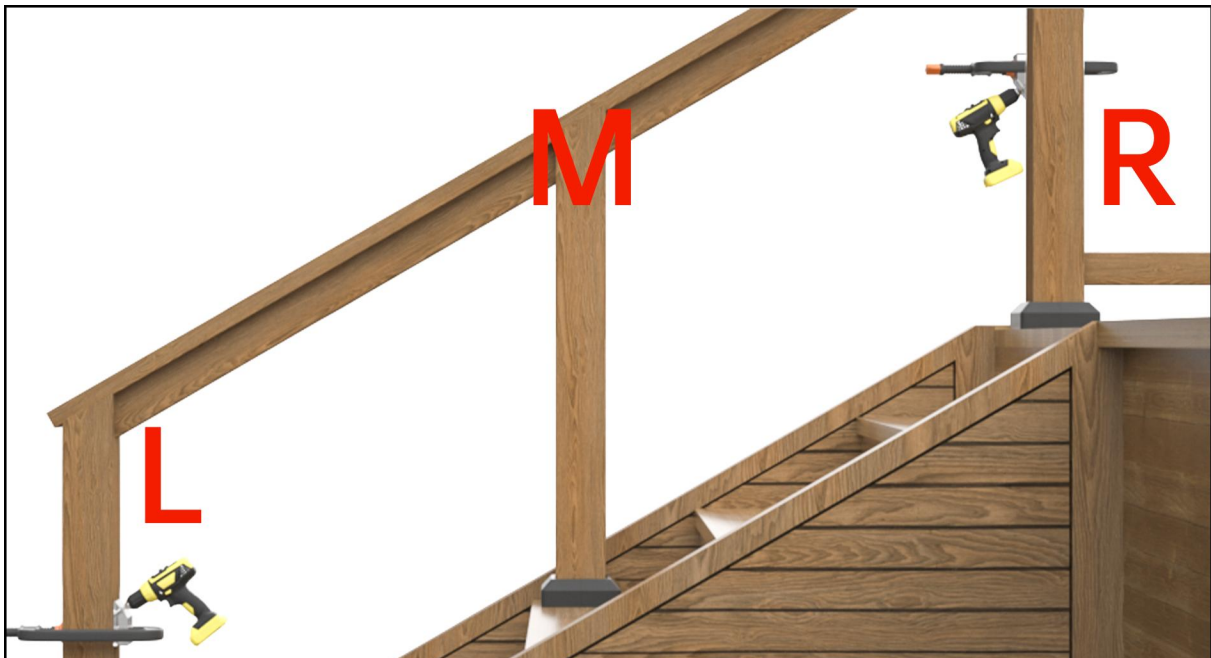


Step 8 - Follow the sequence to finish all runs.

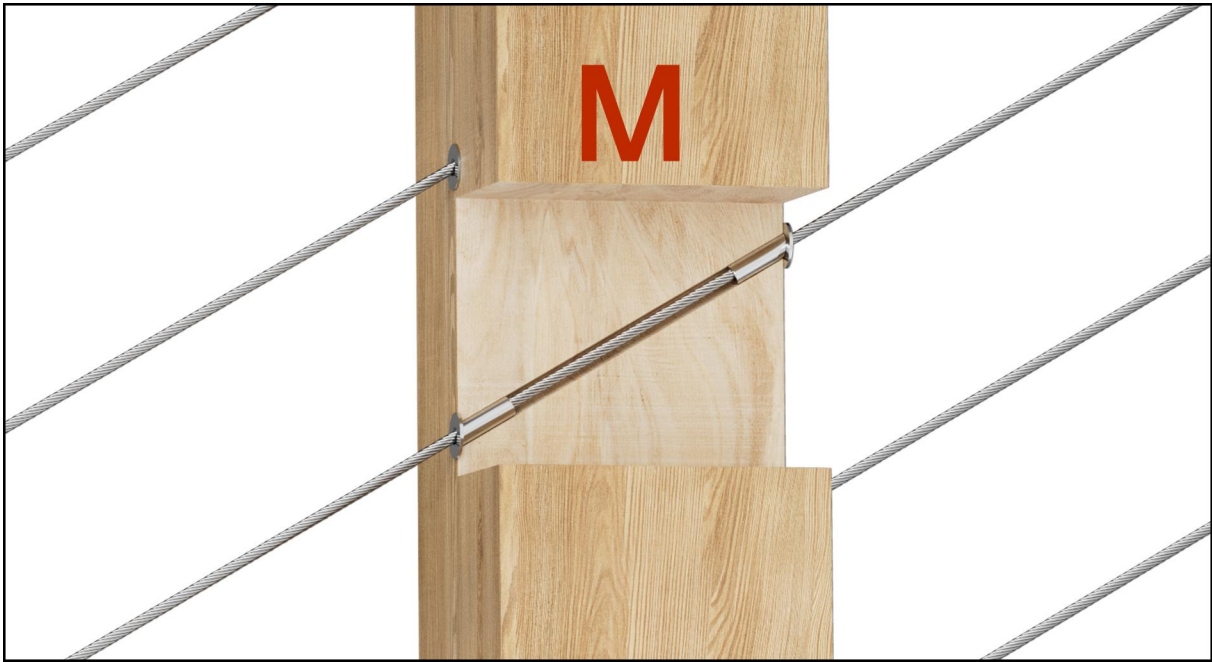
4.2 For angle railing



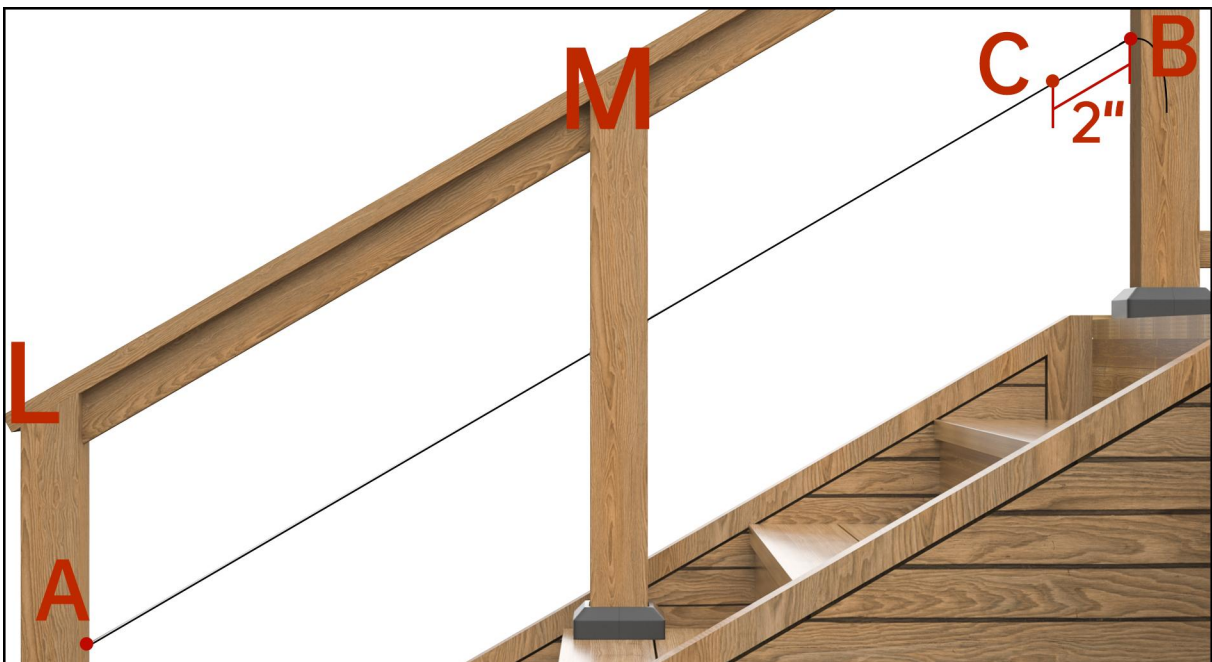
Step 1 - Locate hole positions, and drill 30 degrees through holes with a 5/16" drill bit ⑩ on intermediate posts.



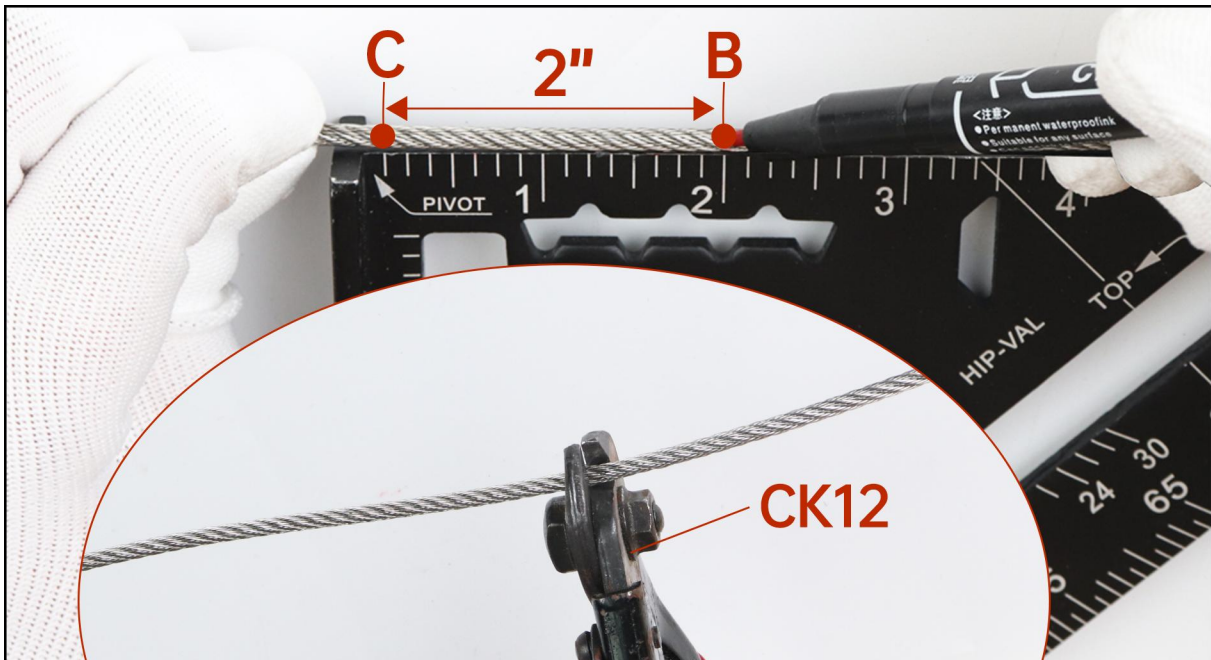
Step 2 - Locate hole positions with drill guide ⑨, and drill 30 degrees 2 5/32" deep holes with a 3/16" drill bit ④ on all end posts .



Step 3 - Pull cable ⑤ and angle protector sleeves ⑧ through all intermediate posts, then install these sleeves ⑧.



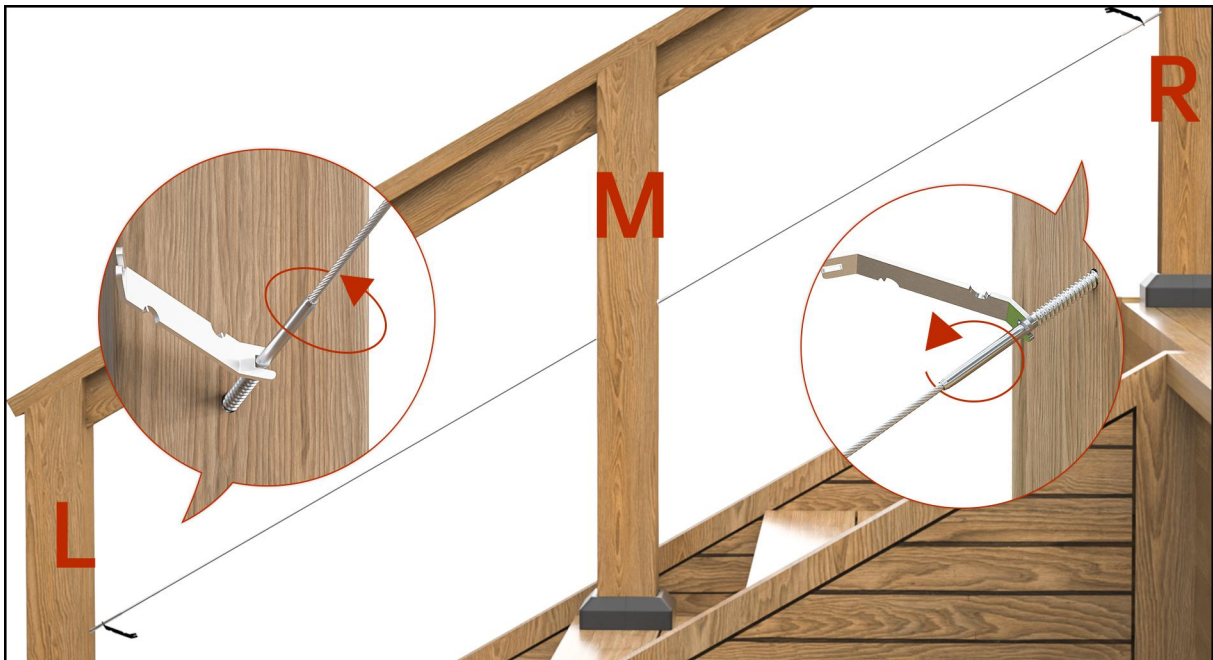
Step 4 - Measure the two end posts span and mark point B on the cable, cut the cable at B with cutter ⑦.



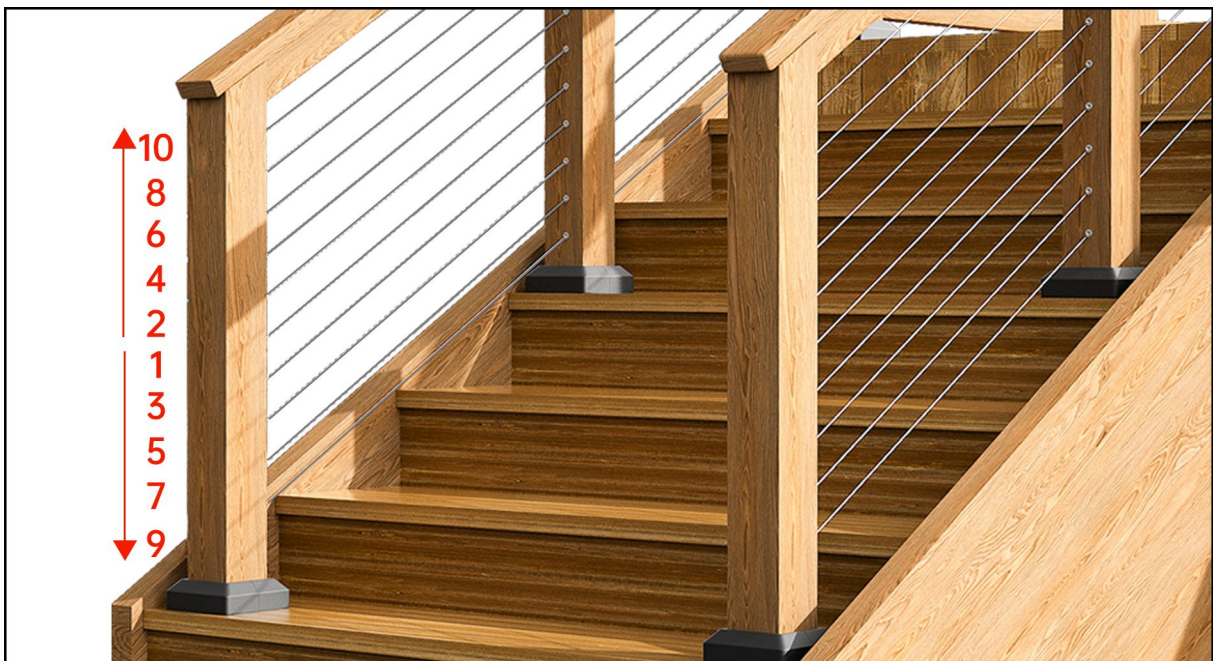
Step 5 - Mark and cut at C, which is 2" away from point B with cable cutter **7**.



Step 6 - Put in cable, swage left-hand lag screw **1** and right-hand lag screw **2** twice with hydraulic crimper **7**.



Step 7 – Use bent wrench **3** to tighten the left-hand lag screw **1** and right-hand lag screw **2** in the same direction on both end posts.



Step 8 – Follow the sequence to finish all runs.

Please note that installation videos are available on our product pages for further details if needed.

5.Tips

- (1) Ensure that your posts and handrails are properly installed before your start cable installation.
- (2) You may need to buy some spare materials in case some materials may not be reusable after operation mistakes.
- (3) The recommended post spacing between two posts is 3ft-4ft, no more than 4ft.
- (4) The overall height of the railing (including the handrail) should be equal to or higher than 36" to meet the residential building codes of most states.
- (5) 3" cable spacing and 200 lbs tension on each cable line is recommended to pass the 4" sphere test (required by some states). You can buy a tension gauge online or from local stores.

6.Free design service

We offer custom cable railing design services for free. If you are a beginner or not sure about how to do it, please reach us. Our experts can do all the planning, designing, and budgeting work for you without extra charge.

7.About Muzata

Muzata has helped millions of families with their cable railing projects during the past years.We believe that home renovation should be easy and affordable. So we work with every effort to provide quality products and professional service, to make Muzata a reliable brand.

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