



Muzata

CR73

User Guide

1602015 (230616)

1. Overview

Muzata CR73 is a great choice for building your cable railing project. It is completely invisible cable railing kit that can be applied to 4"x4" or 6"x6" or 8"x8" wood posts. With its well-designed compact body, it will satisfy your needs for one post solution at the corner. The T316 stainless steel provides excellent rust resistance, making Muzata CR73 ideal for both indoor and outdoor projects, even coastal projects.

2. Specifications



Screw-in sleeve

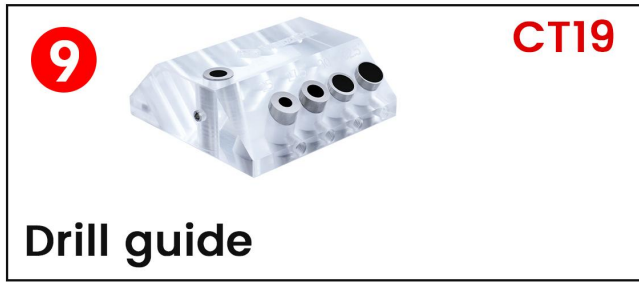
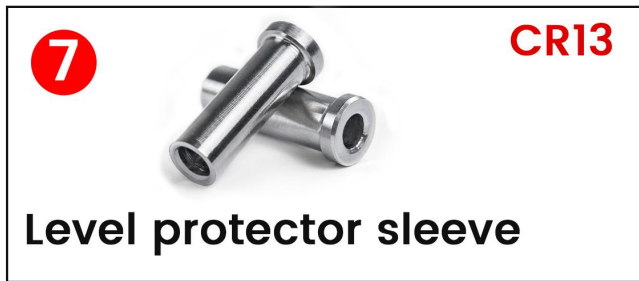
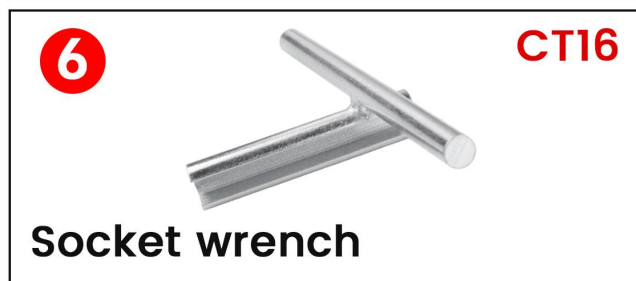
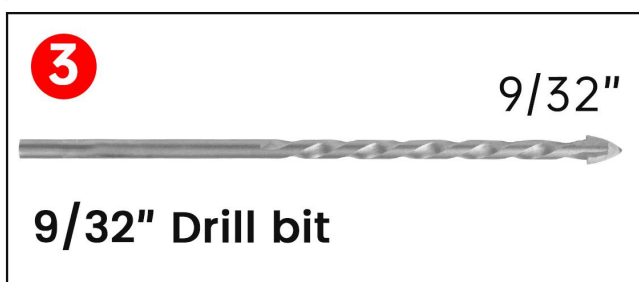


Aluminum ferrule

Model	Material	For wire rope size	Finishing
CR73	T316 Stainless Steel	1/8"	Natural

3. Items related

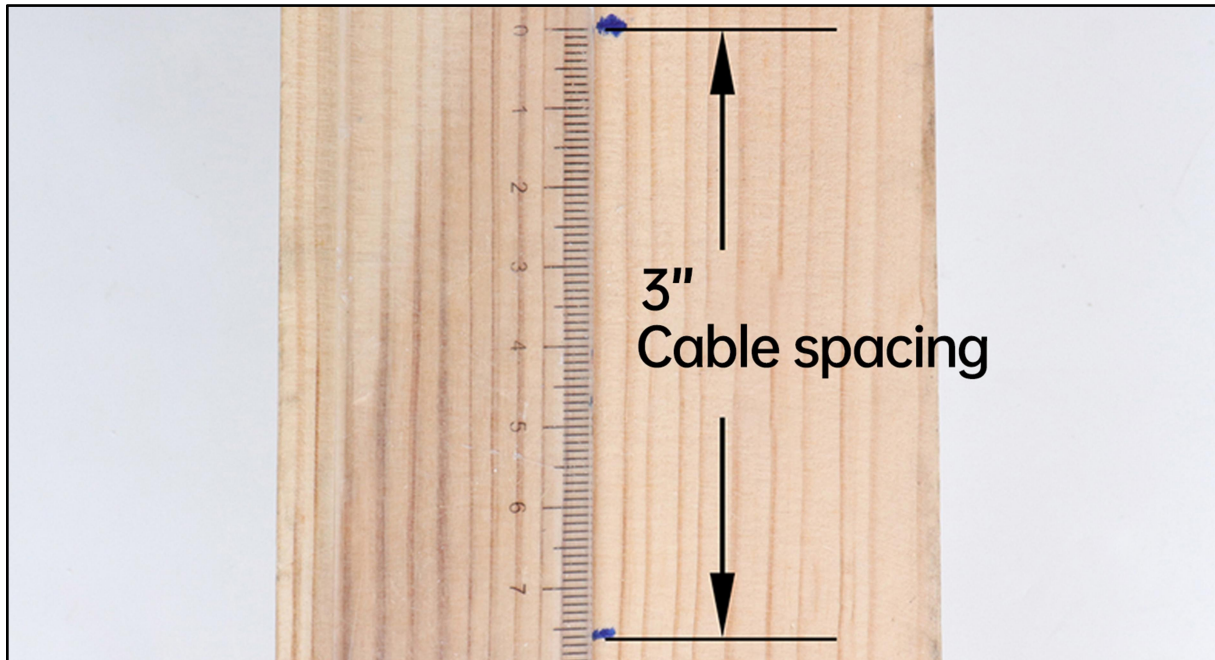
Listed below are all of the accessories and tools related to the Muzata CR73. Please note that not all items are essential. Some may not be included in your package. If you need them, you may need to purchase them separately.



4. Installation steps

We will install the tensioner on the right end post as an example. Actually you can install it on either side according to your need.

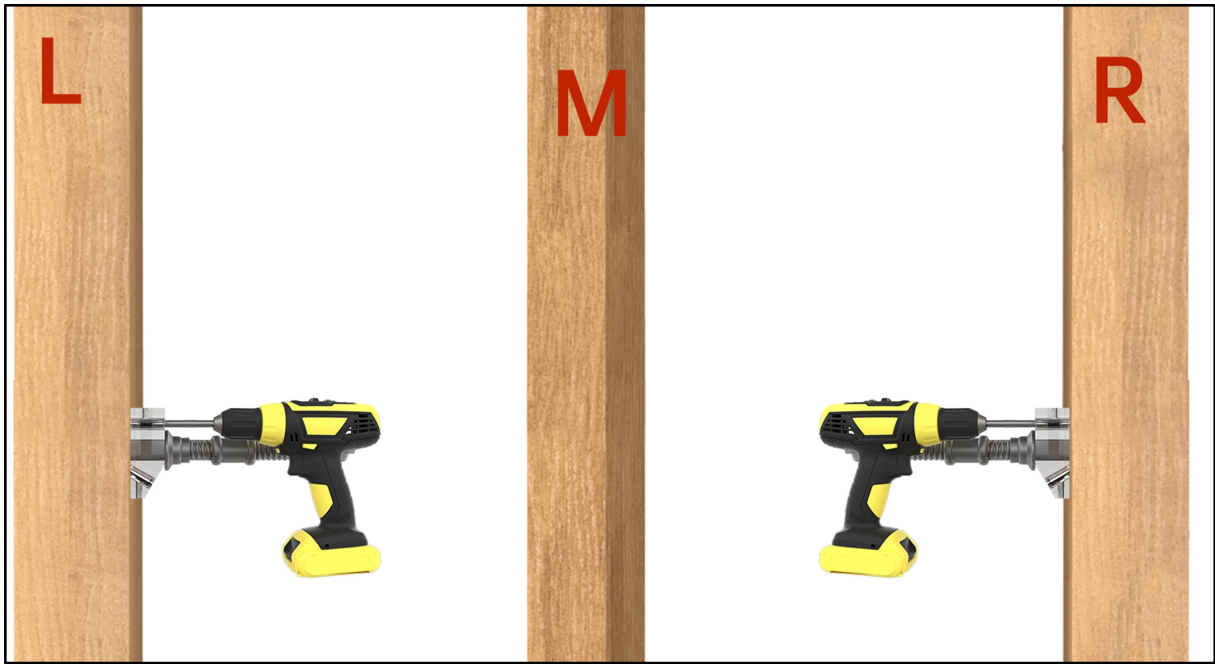
4.1 For level railing



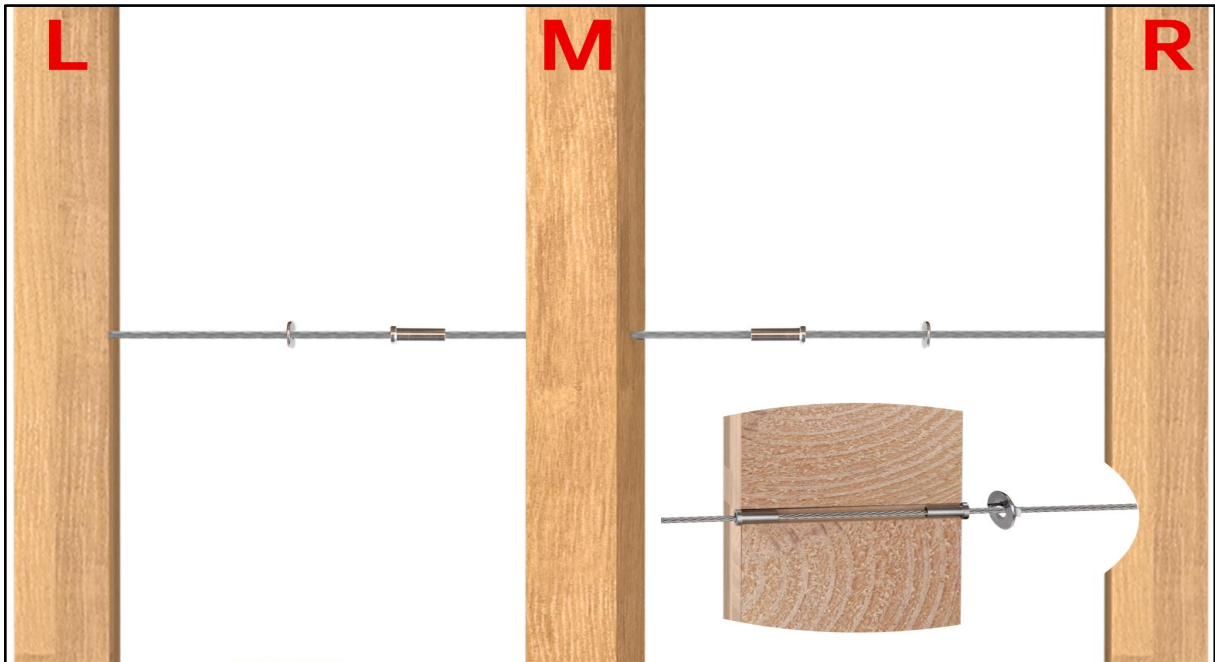
Step 1 - Locate hole positions with 3" cable spacing.



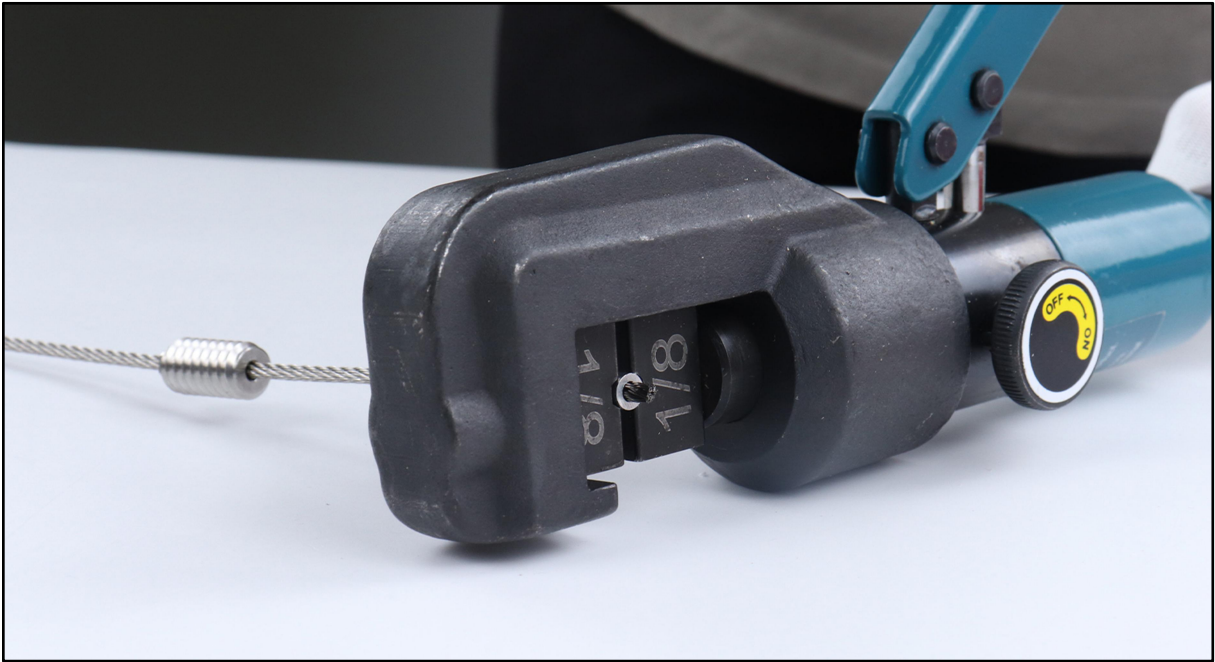
Step 2 - Drill through holes with drill guide ⑨ on all intermediate posts with a 9/32" drill bit ③.



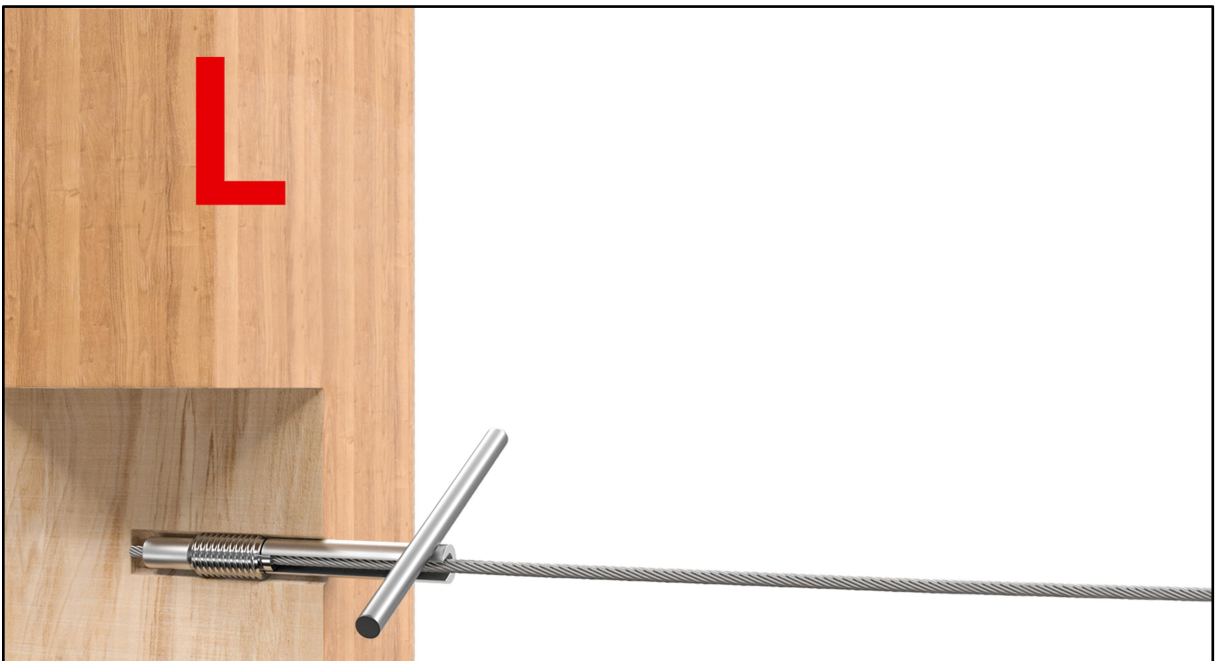
Step 3 - Drill 1 37/64" deep holes with drill guide 9 on the end posts with a 13/32" drill bit.



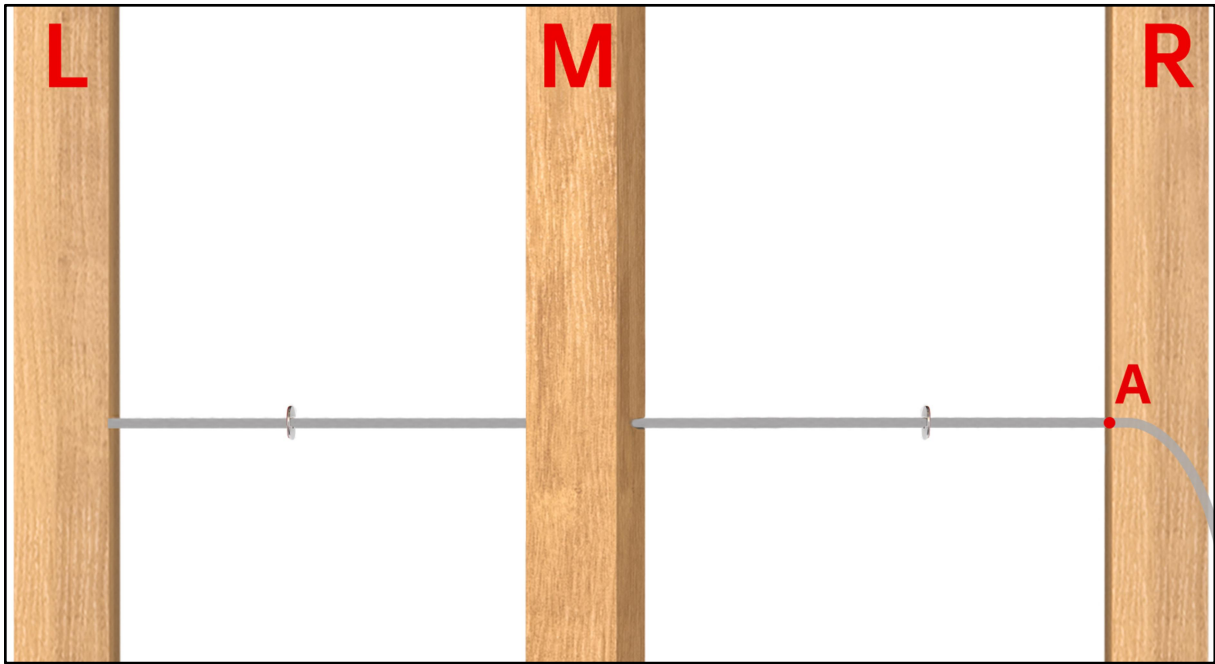
Step 4 - While pass the cable through from right to left posts, put in adhesive washers 5 for end posts and level protector sleeves 7 for intermediate posts.



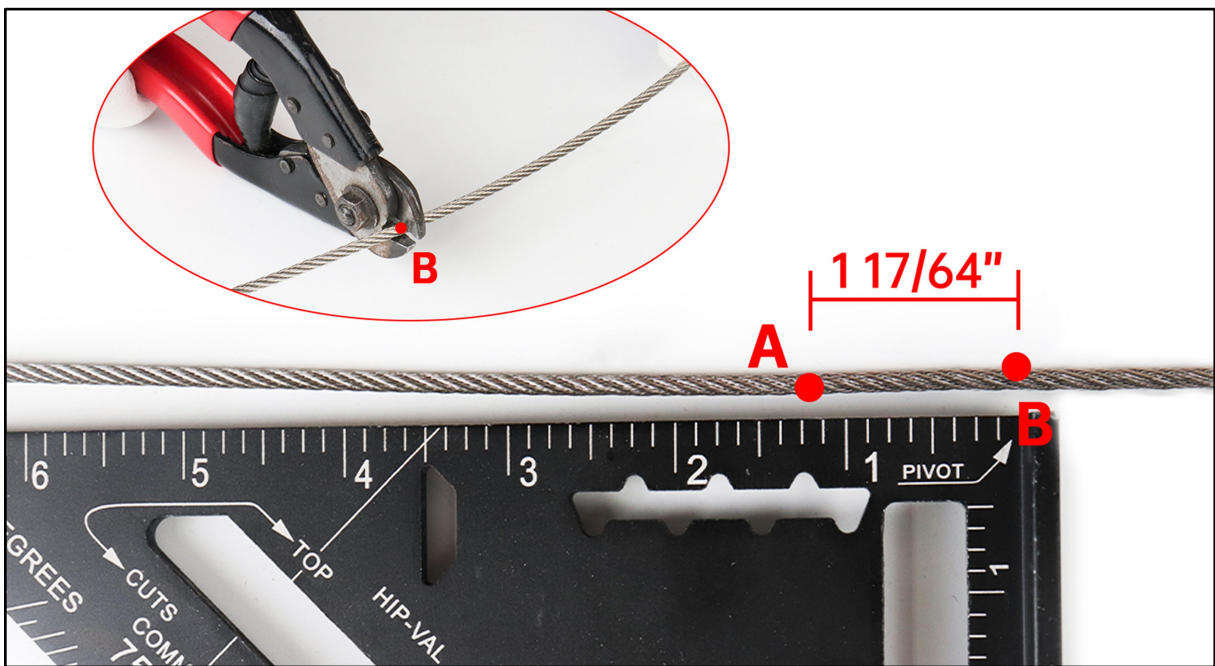
Step 5 - Swage the ferrule **1** with hydraulic crimper **10**.



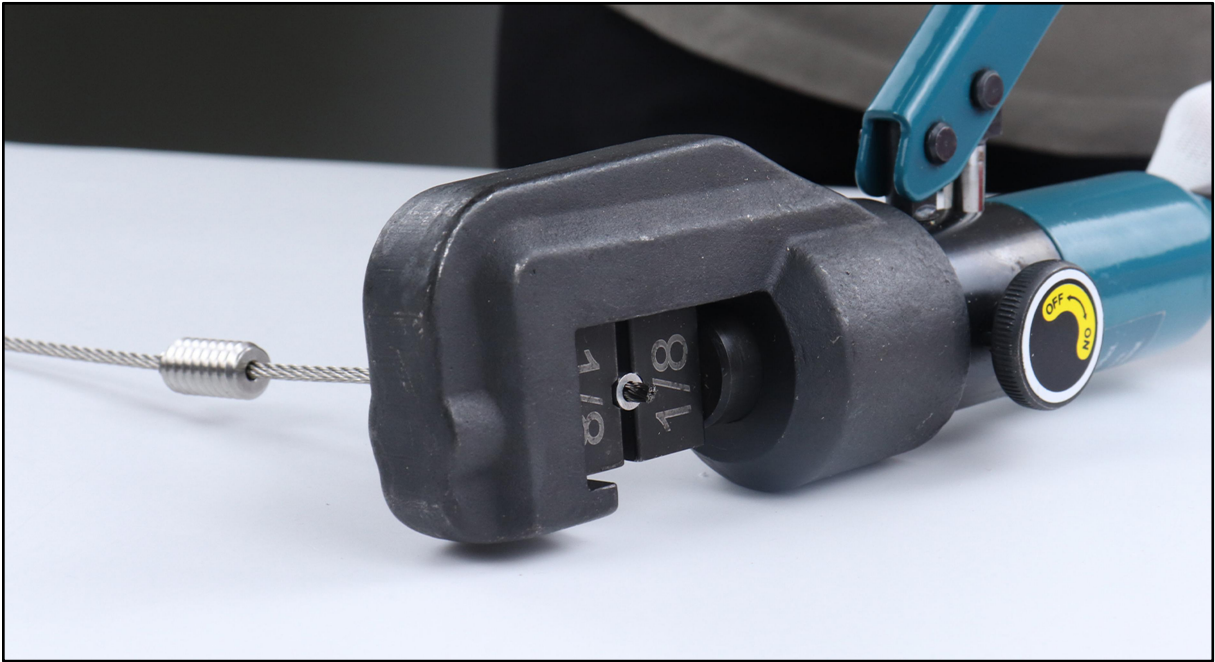
Step 6 - Tighten screw-in sleeve **1** with the socket wrench **6** on the left post.



Step 7 - Pull the cable ② against the right post and mark point A against the inside of the right post.



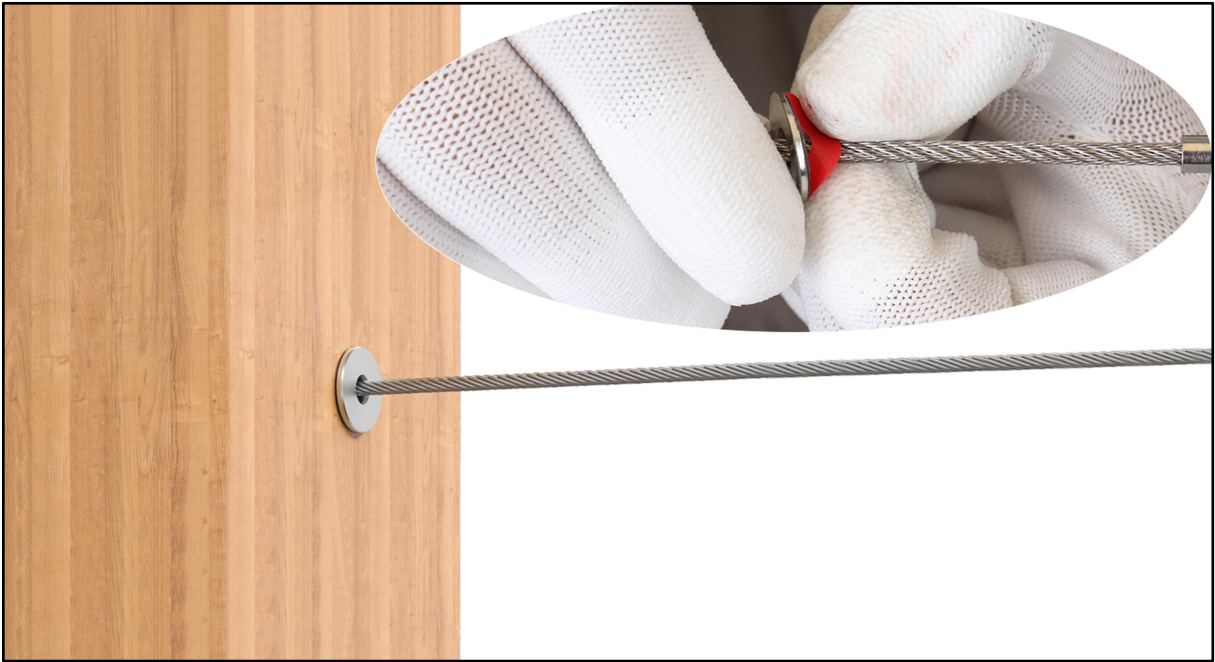
Step 8 - Mark point B at $1 \frac{17}{64}$ " against the right side of point A. Cut the cable at point B with cable cutter ⑩.



Step 9 - Swage the ferrule **1** with hydraulic crimper **10**.



Step 10 - Tighten the screw-in sleeve **1** with the socket wrench **6** on the right post.

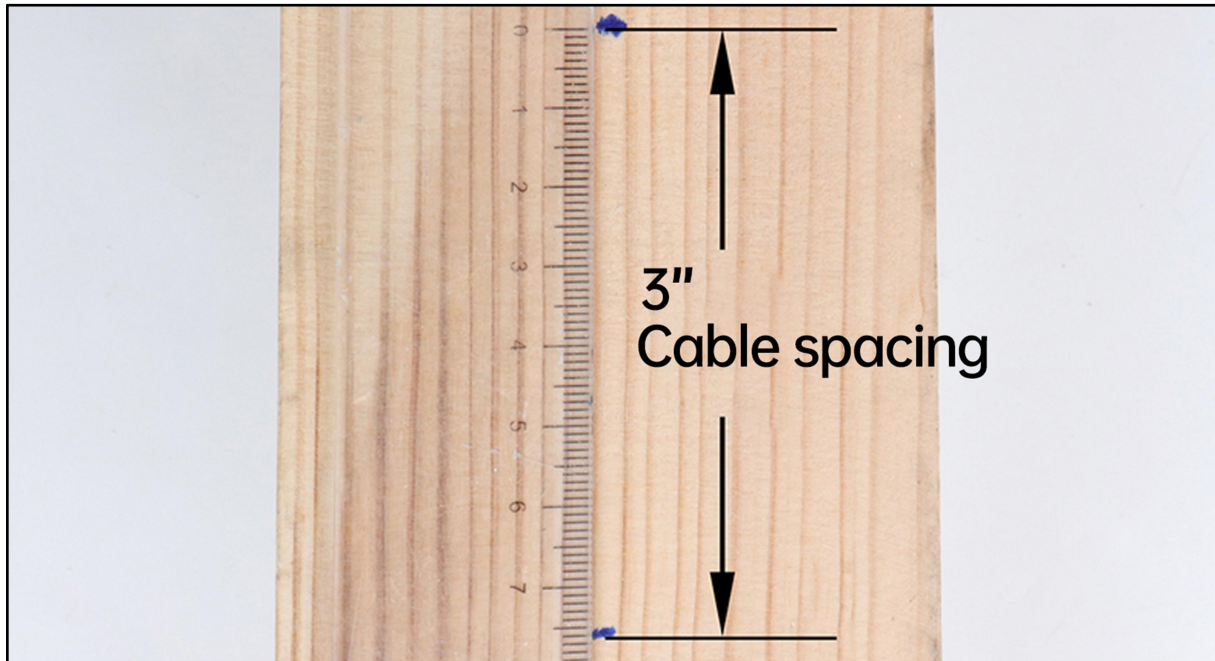


Step 11 - Install the adhesive washers **5** and level protector sleeves **7**.

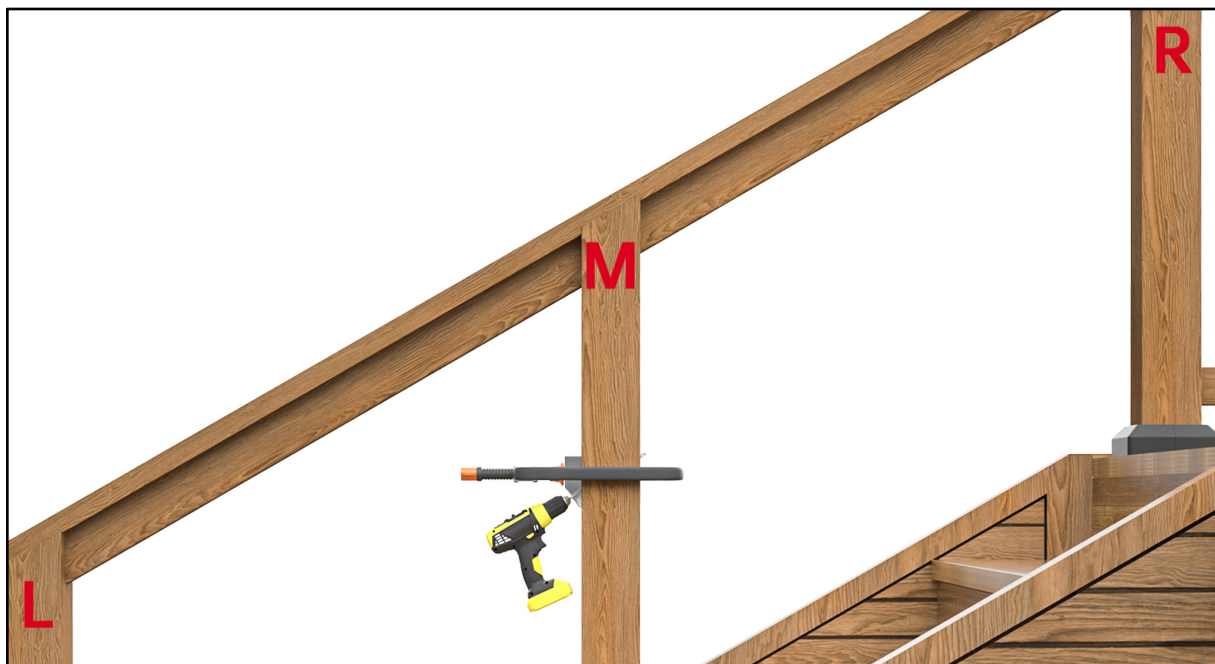


Step 12 - Follow the sequence to install other cable runs.

4.2 For angle railing



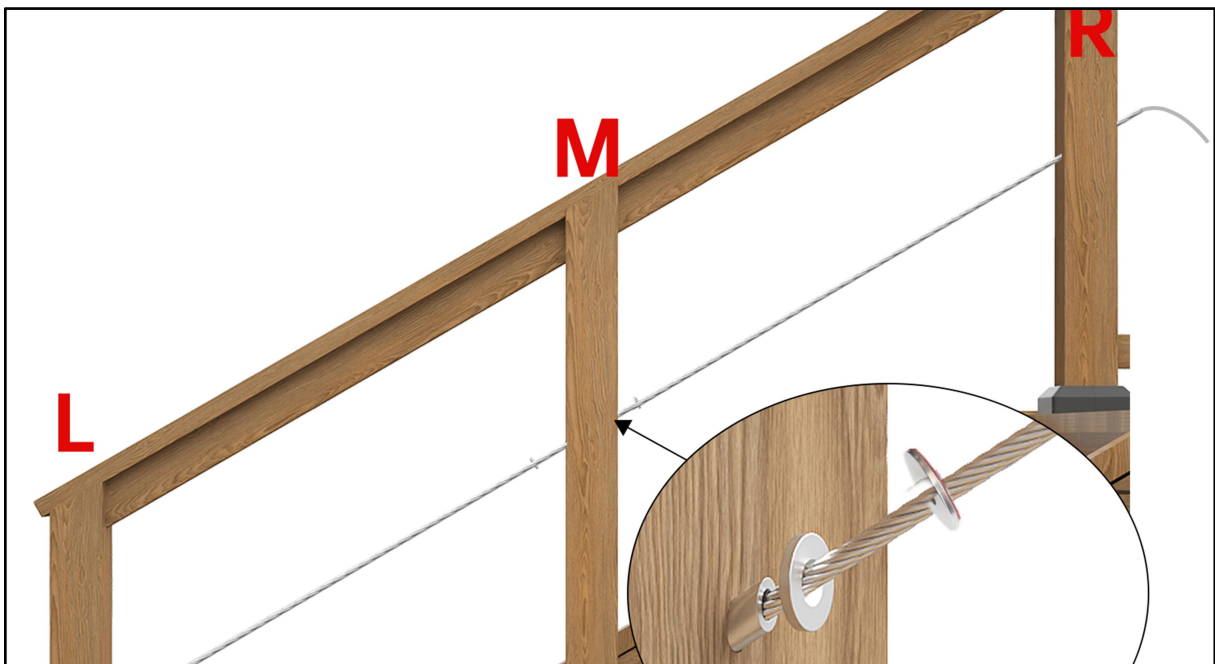
Step 1 - Locate hole positions with 3" cable spacing.



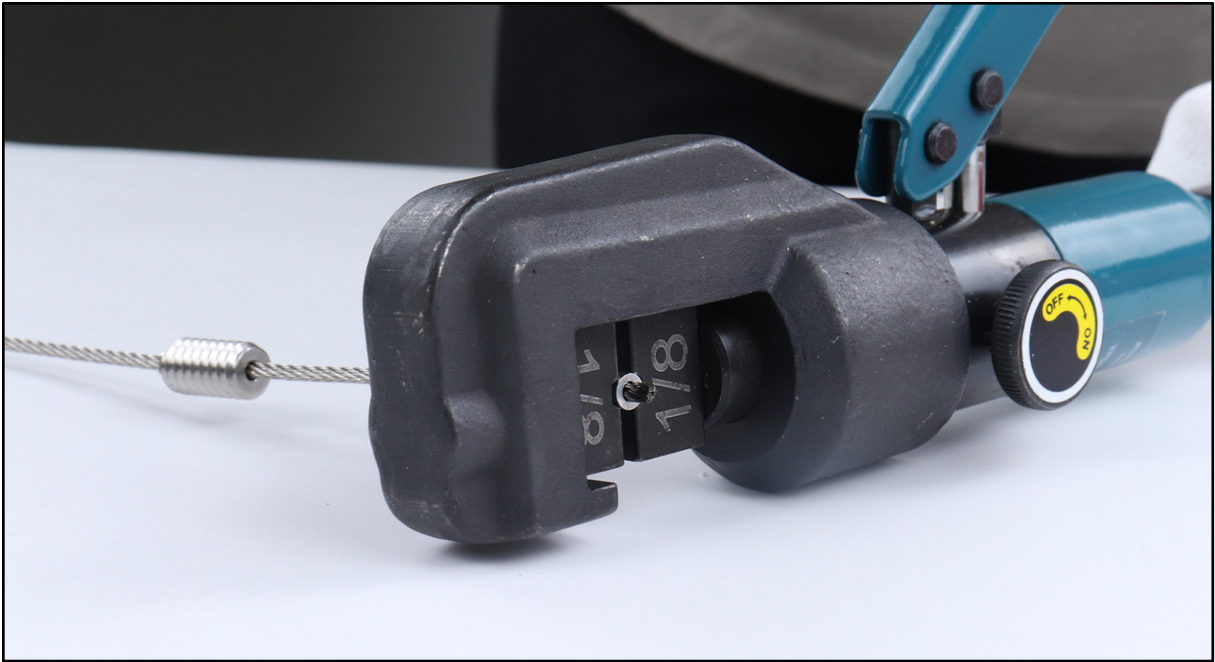
Step 2 - Drill 30 degrees through holes with drill guide **9** on all intermediate posts with a 9/32" drill bit **3**.



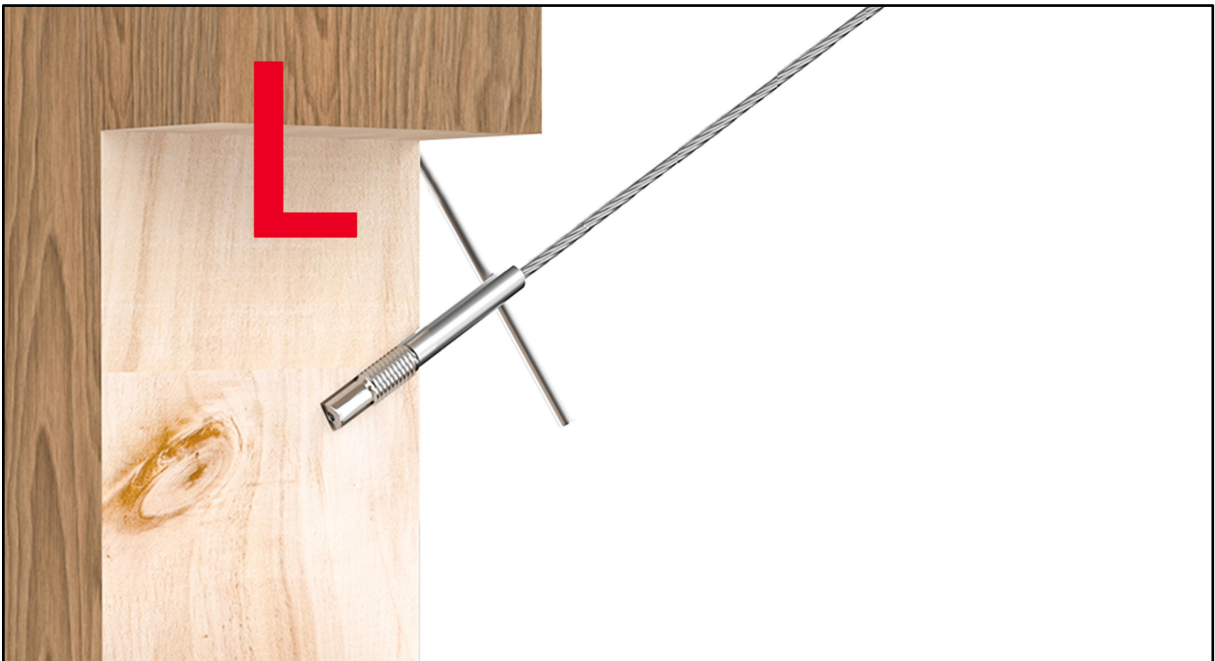
Step 3 - Drill 30 degrees $1\frac{37}{64}$ " deep holes with drill guide ⑨ on the right and left posts with a $\frac{13}{32}$ " drill bit.



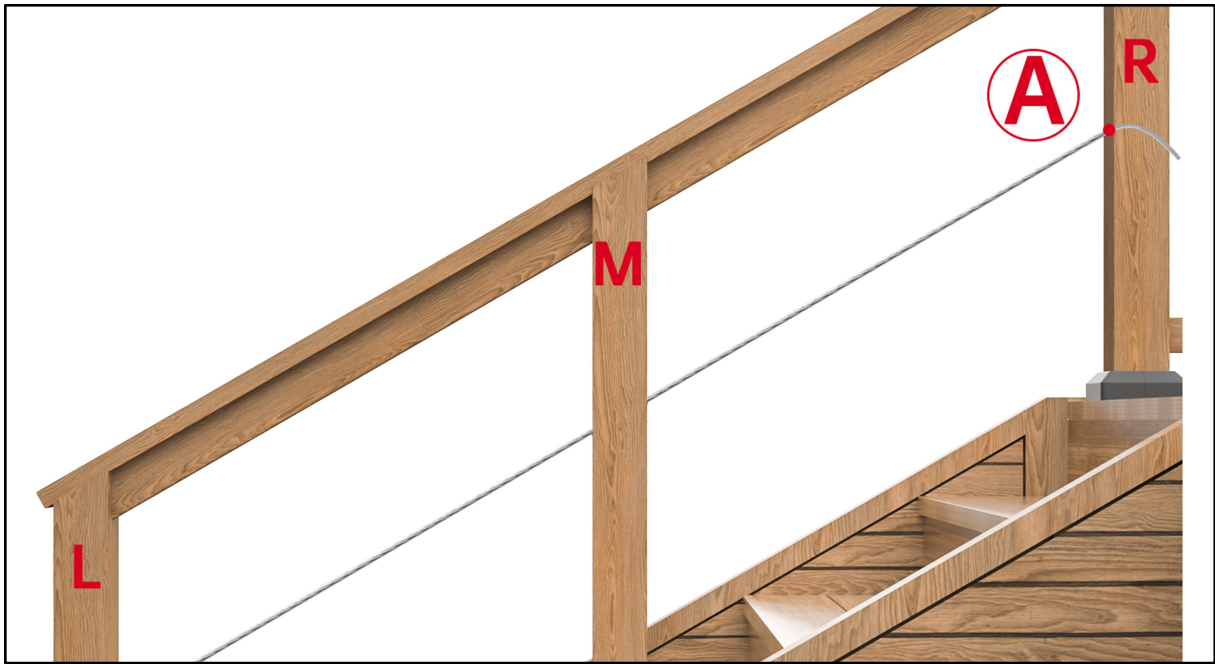
Step 4 - Put the adhesive washers ⑤ into the cable and pull the cable through all intermediates posts and angle protector sleeves ⑧.



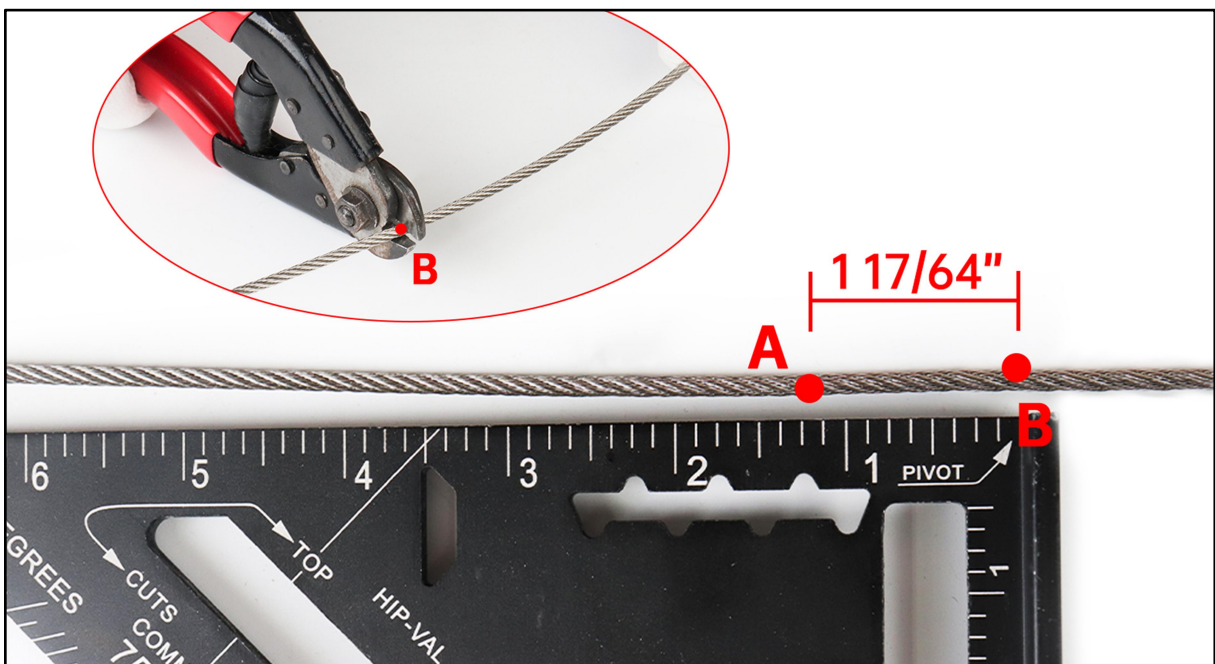
Step 5 - Swage the ferrule **1** with hydraulic crimper **10**.



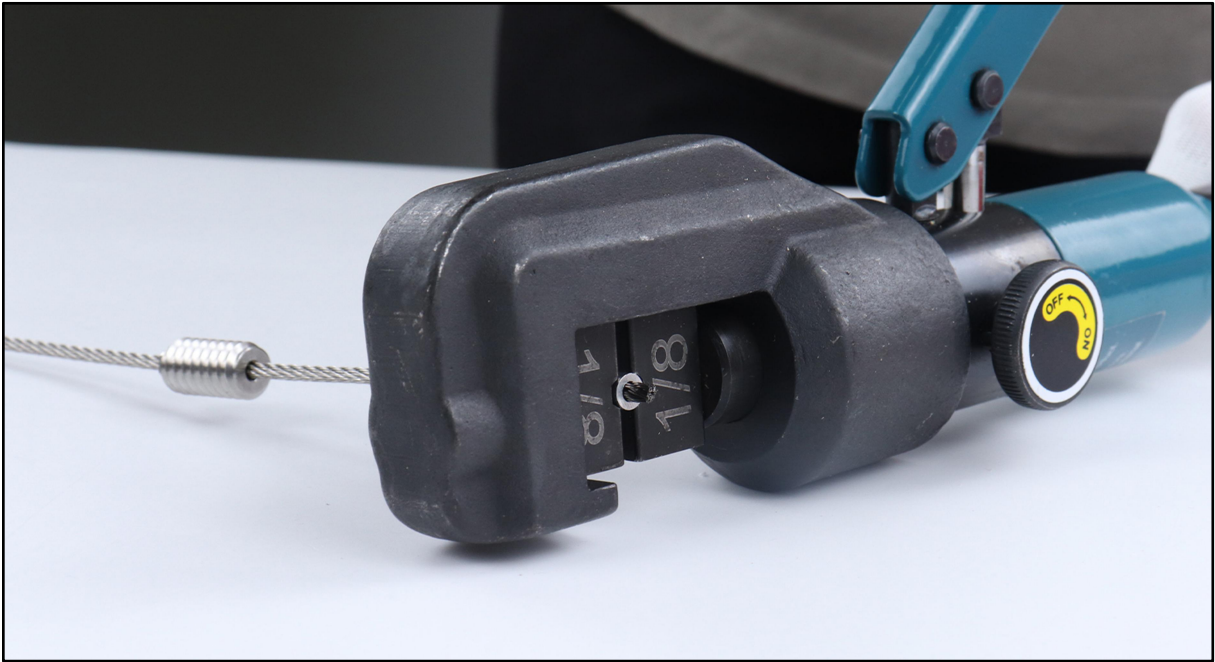
Step 6 - Tighten screw-in sleeve **1** with the socket wrench **6** on the left post.



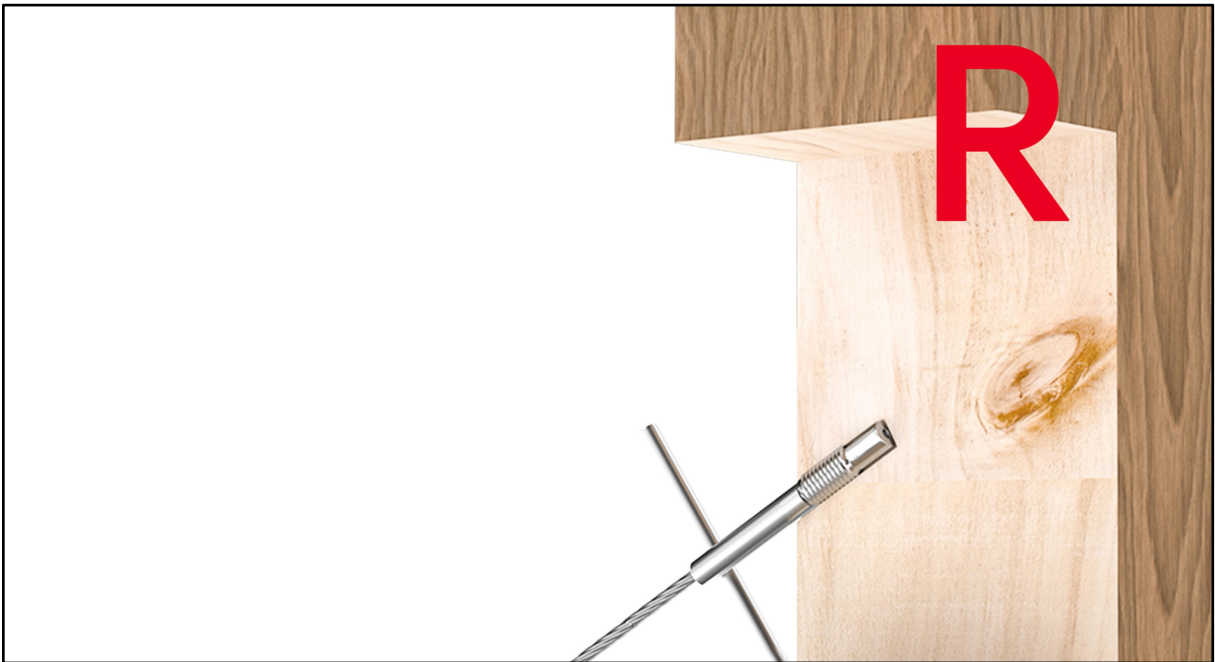
Step 7 - Pull the cable ② against the right post and mark point A against the inside of the right post.



Step 8 - Mark point B at $1 \frac{17}{64}$ " against the right side of point A. Cut the cable at point B with cable cutter ⑩.



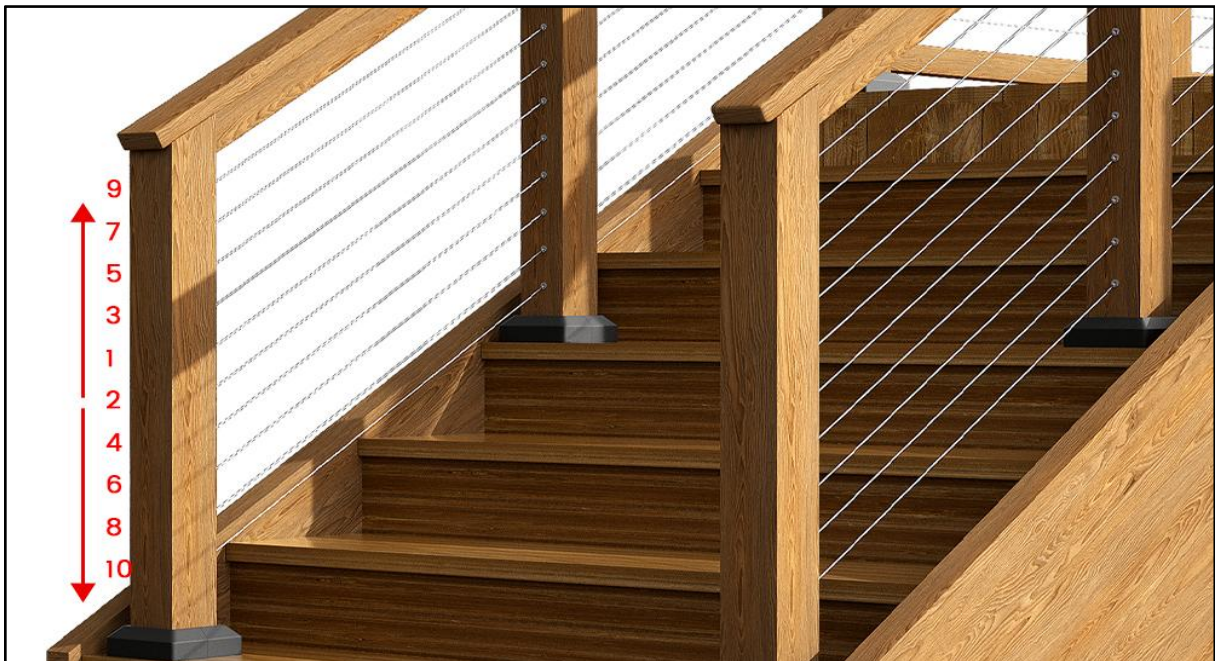
Step 9 - Swage the ferrule **1** with the hydraulic crimper **10**.



Step 10 - Tighten screw-in sleeve **1** with the socket wrench **6** on the right post.



Step 11 - Install the adhesive washers **5** and angle protector sleeves **8**.



Step 12 - Follow the sequence to install other cable 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 might have to buy extra materials than expected in case some materials might not be reusable after operation mistakes.
- (3) The recommended post spacing between two wood posts is 4ft-6ft, no more than 6ft.
- (4) The dimension of the wood post should be greater than or equal to 4inch to prevent the two tensioners from hitting each other at the corner.
- (5) The overall height of the railing, which is the structure of post and handrail, should be equal or higher than 36" to meet the residential building codes of most states. Please consult your local building offices for building codes and make sure the system complies with the codes.
- (6) 3" cable spacing and 200 lbs tension on each cable line are recommended in order 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 service 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 budget 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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