

GENERAL INFO

Selection of Appropriate Hardware for Wood Posts

In selecting hardware, you will need to consider whether you want to field cut and swage the **Cables** or have them factory cut and swaged; hardware preferences for **End Posts**; how you wish to configure your corners (if applicable); and hardware used for stairs or severe slopes.

Field Cut and Swage or Factory Cut and Swage Fittings on the Cables.

When the fittings are swaged on at **Wagner**, some fittings are larger in diameter than the size of the holes you want to drill in your intermediate members (**Posts** or **Cable Braces**). The fittings illustrated below however, require relatively small holes in your intermediate members. If the hardware is swaged on at **Wagner** and if the **Cable** will pass through **Intermediate Posts** or **Cable Braces**, one end of each **Cable** should have one of the following fittings. The holes in your intermediate member will be drilled for the diameter of the swaged fitting passing through the intermediate member as shown in the following illustrations:

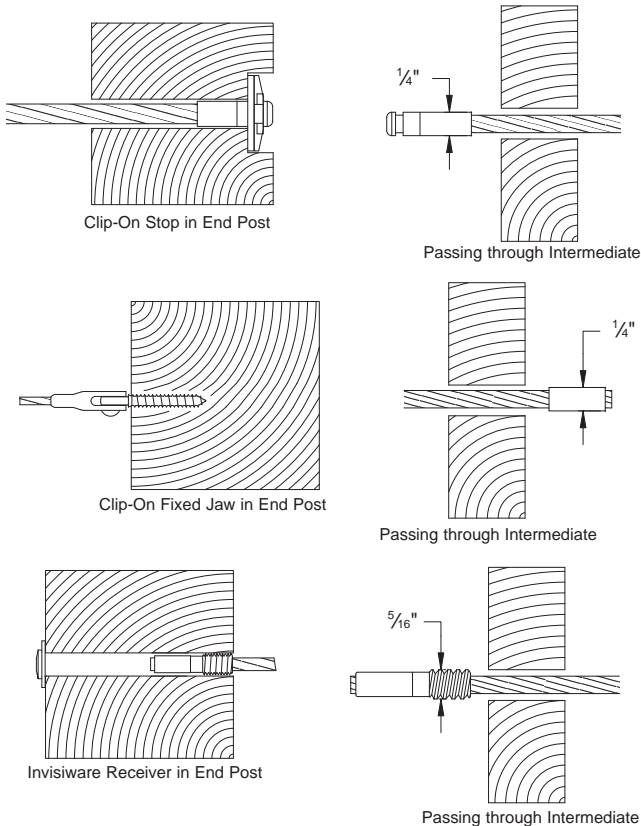
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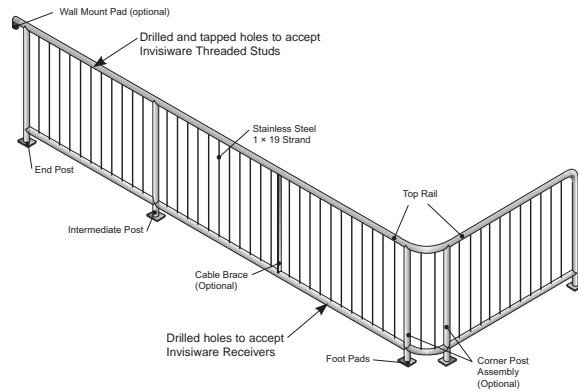


Where the **Cable** will not pass through any intermediate members, you can order factory cut and swaged **Cables** using any hardware. You are not limited to the fittings shown above.

If your **Cables** will be cut and the fittings swaged on at **Wagner**, you will need to provide **Wagner** with measurements for your **Cable** runs after the **Posts** have been installed. Contact **Wagner** for the measurements required.

Vertical Railings – for Metal Railings Only

If you have ordered your **Cables** cut to length from **Wagner**, you can skip the steps indicated with * on measuring **Cable** length and swaging fittings onto **Cable**.



- A. *Measure the distance between the bottom of the top **Rail** to the top of the bottom **Rail** and add 2.187" (2¹/₁₆").
- B. *Measure out the **Cable** on a relatively clean surface (see Figure C). A lawn or swept concrete surface would be fine. Cut **Cable** to the length determined in Step A above, using **Cable Cutter**.

*NOTE: Make sure you have a positive holding device at the zero end. Cutting the **Cables** takes very little time. It is best to have one person stand at the zero mark while the other operates the **Cable Cutter** at the cut mark.*

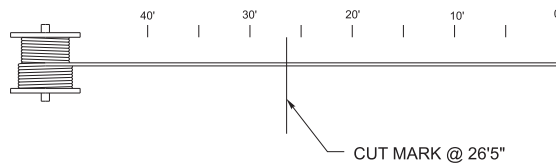
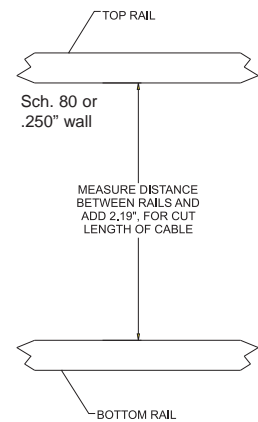


FIG. C

- C. *Swage a **Stud** onto each end of the **Cable** (see "Swaging Instructions").
- D. Screw the swaged **Stud** on one end of the **Cable** into the threads in the top **Rail**, until the threads on the **Stud** are not showing.
- E. Slide the **Washer** over the **Body** of the **Invisiware**® **Receiver**, then feed the **Receiver** through the hole in the bottom of the bottom **Rail**. Screw the **Receiver** onto the **Threaded Stud**. Do not tension the **Cables** until all **Cables** have been installed between **Posts** and/or **Cable Braces**.

