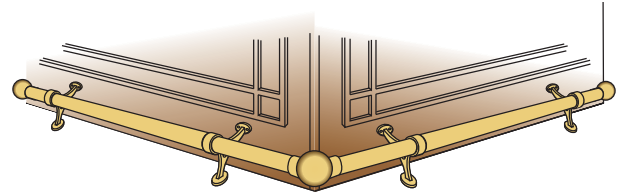


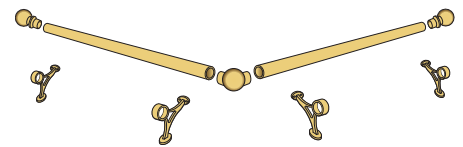
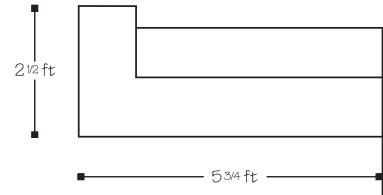
**REQUIRED TOOLS**

- Electric Drill/Electric Screwdriver
- Hack Saw/Cut Off Saw
- Phillips Screwdriver
- File
- Channel Lock Pliers



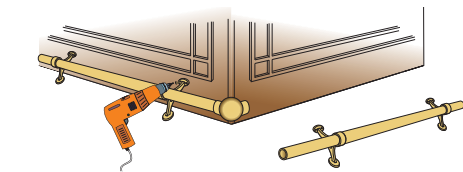
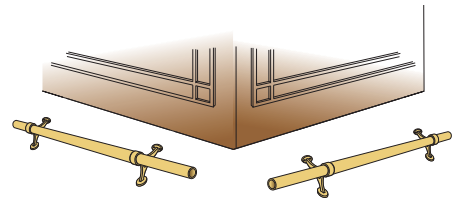
**PLAN**

- Measure all sides of your bar or counter where you will be installing your **Footrail**.
- Make a simple sketch of your **Footrail**. The materials needed include **Tube**, **Footrail Brackets** and **Finials**. You may also need **Tube Splices**, **Elbows** or **Wall Flanges** – depending on your specific project.
- Determine the length of the **Tube** and be sure to include the dimensions that the **Brackets** and **Fittings** may add or subtract from the overall length of the **Tube**.
- Create a detailed parts list consisting of all parts and quantities required. When calculating quantities of **Brackets** needed, place a **Bracket** 6" from the **Tube** ending and either side of an **Elbow**. Then **space equally throughout the length of the rail**. We recommend spacing the **Brackets** 36 to 48 inches apart.
- Place your order by contacting **Wagner** or online at [www.shopwagner.com](http://www.shopwagner.com). Note that our **Brackets** include mounting screws for typical installations – your application may require additional hardware available at your local hardware store.



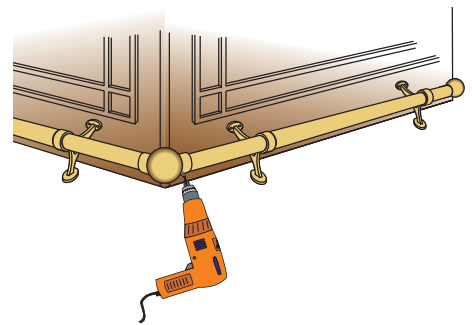
**PREPARATION**

- Mark the **Tube** for the appropriate length for cutting. When determining **Tube** cut lengths, keep in mind that the splicing joints should be concealed within a **Bracket**. Double check all measurements before cutting.
- Please note that **Tube** comes wrapped in a layer of plastic film that should be left in place as long as possible during the installation process to protect the finish of the metal.
- Loosely assemble the **Footrail** by sliding the **Tube** through the **Brackets** without adding the set screws.
- Mark the location of your **Brackets** with a pencil. The brackets require a solid backing of at least 3/4".
- Carefully read the instructions for **Lido-Weld** adhesive prior to installation.



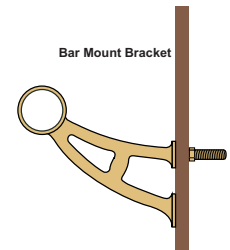
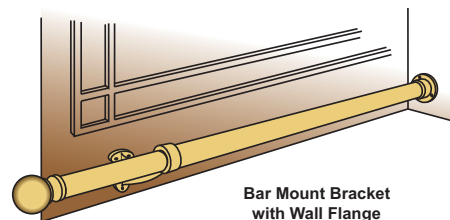
**INSTALLATION**

- Once you are satisfied with the loose fit assembly, begin to attach the **Brackets** securely to the wall in the first straight section.
- If a corner occurs, first securely attach the elbow to the installed **Footrail** and then to the second loosely assembled **Footrail** section. Use **Lido-Weld** adhesive and set screws to attach the **Tube** to the **Elbow**.
- The **Tube** is attached to the **Brackets** with set screws. **Elbows** should be attached with **Lido-Weld** adhesive and set screws.
- To secure **Finials** or **End Caps**, apply a continuous bead of **Lido-Weld** adhesive around the interior surface of one part and press and rotate the component into place.
- Once installation is complete, remove the existing protective plastic film from the **Tube**.
- Maintain the rich finish of your rail with **Lido-Lustre Metal Polish**.



**VARIATIONS**

- In situations where you would prefer to mount a **Footrail** without the **Bracket** resting on the floor, our bar mount **Bracket** offers an excellent solution.
- When a **Wall Flange** is used, slide the **Flange** onto the **Tube** before securing the section of **Footrail** to the bar. A flange may replace a support **Bracket** if mounted to a solid backing.



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RAILING

SPIRAL  
STAIRS

ALUMINUM  
RAILINGS

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