

Installation Instructions

Feeney® Intermediate Picket (SKU#7649) - For Stair Railings Only

Feeney® Intermediate Pickets are non-structural railing members designed to help maintain **CableRail** spacing and minimize cable deflection. The #7649 kits are for stair wood railing frames (with or without bottom rails) up to 42" high with a slope of 20-45 degrees and having 1/8" **CableRail** infill cables spaced 3" on center. Before beginning installation, the entire railing frame must be constructed and posts drilled for the **CableRail** infill. We recommend that you have a vertical member, either post or intermediate picket, spaced every 3-ft or less. Consult local building code for all railing construction requirements in your area.

Kit Contents: (1x) 46" Intermediate Picket with 13 offset, slotted cable holes spaced 3" on center, (2x) Base Plates, (4x) #10x1" stainless steel #2 Square Drive Screws

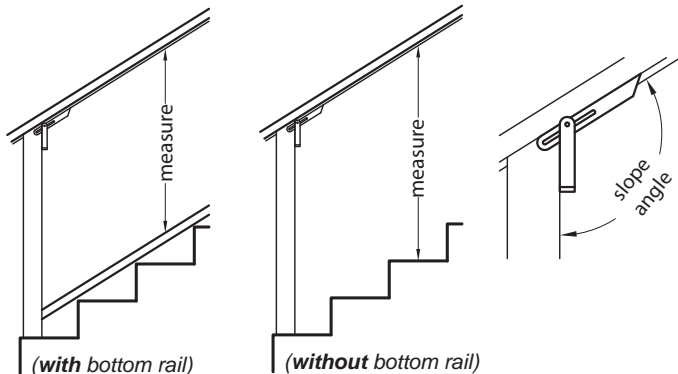
Tools Required: safety glasses, hearing protection, work gloves, measuring tape, T-bevel (bevel gauge), pencil, miter saw with fine-toothed carbide-tipped blade, electric drill/driver, #2 square drive bit, 1/8" drill bit, level

STEP 1 - Measure Opening & Angle

- Locate and measure the vertical distance between the points where the centerline of your picket will meet the top and bottom rail (or stair tread).

Note: If you're not using a bottom rail, we recommend placing the picket at the center of a tread.

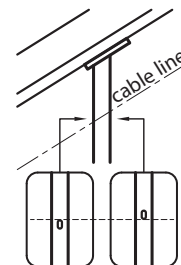
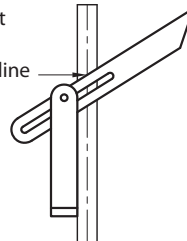
- Subtract 1/2" from your measurement to account for the base plates; this will be your picket length measurement.
- Use a T-Bevel (bevel gauge) to determine the stair slope angle.



STEP 2 - Mark & Trim Picket

- Transfer the picket length measurement from Step 1 to the picket by marking the length on the centerline of the picket.
 - Use the T-bevel to transfer the stair slope angle to the picket (see diagram) and then scribe the cut lines.
- Important Note: Double check your cut lines to ensure that after the picket is cut and base plates are attached, the slotted cable holes align with the railing slope and the cable drill holes on the posts.**
- Trim the picket at the scribed cut lines using a miter saw with a fine-toothed carbide-tipped blade.

intersection of
measurement
mark and
picket centerline



picket face with
lower cable holes

picket face with
higher cable holes

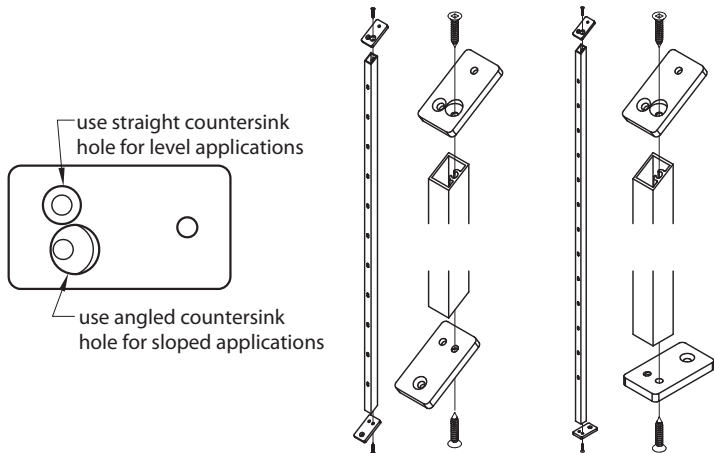
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STEP 3 - Attach Base Plates

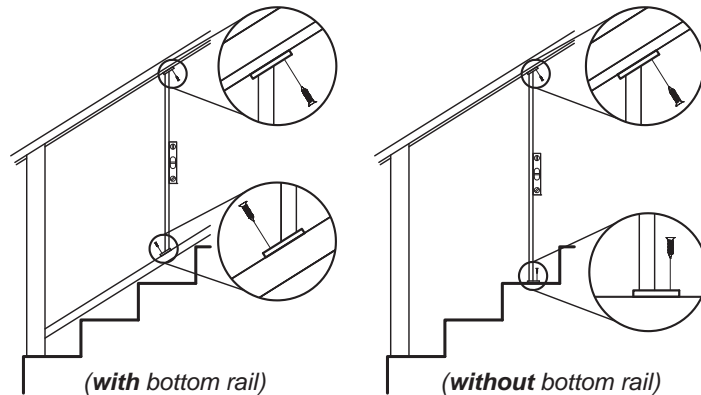
- Screw the Base Plates to both ends of the picket using an electric drill with a #2 square drive bit.

Important Note: To ease installation and prevent possible screw head damage, lubricate the screw threads with wax or soap prior to attachment and drive the screws slowly and smoothly with minimal stopping and starting. In addition, be sure to firmly secure the picket so that it won't move during attachment of the base plates.



STEP 4 - Attach Picket to Railing

- Slide the picket into position and verify that it is plumb.
- Confirm that all picket cable holes are properly aligned with holes in the posts.
- Drill 1/8" diameter pilot holes for the screws (softer woods may need a smaller pilot drill).
- Secure the picket into position with screws.



Once all pickets have been installed, the railing frame will be ready for installing the cables. Follow the **CableRail by Feeney** installation instructions to complete the railing infill installation. If you have questions, please call us at 1-800-888-2418.