



# How to install aluminum guide rails for down-the-hole drilling rigs

How do you install a guide rail?

Place the guide rail as it will be mounted and use the holes in the guide rail foot and in the vertical portion that will be mounted to the wall as a template to mark the mounting surface for drilling. Some guide rails accommodate optional accessories, such as wall switches and doorway holding beams.

How do you install a guide rail on a pedestrian door?

In the United States, refer to the current version of the ANSI/BHMA A156.10 standard for power operated pedestrian doors. Place the guide rail as it will be mounted and use the holes in the guide rail foot and in the vertical portion that will be mounted to the wall as a template to mark the mounting surface for drilling.

How do you install a base rail?

rails. HandrailBase railPicket gasketCut the glass gaskets the same length as the rails and drill 1/8" holes into the base rail glass gasket for water drainage. Press the glass gaskets into the rails and install the base rail support into the bottom channel of the base rail.**IMPORTANT:** The smaller of the sketHand rail Base railBase ra

How do I choose a guide rail?

Choose the location for your guide rail. When used as a component of an 1 automatic door system, refer to local codes and ordinances for proper size and positioning of guide rails. In the United States, refer to the current version of the ANSI/BHMA A156.10 standard for power operated pedestrian doors.

What accessories are included in a guide rail?

Some guide rails accommodate optional accessories, such as wall switches and doorway holding beams. Some disassembly and reassembly of the rail may be required to mount these devices and route wires.

How deep do you drill a rail foot?

Use a 3/8" diameter drill bit and drill down approximately 2" deepfor each of the three anchors in each foot. If the mounting surface is not concrete,choose a fastener appropriate for the mounting surface and the expected stress to be exerted on the rail. The holes in the rail foot are approximately 13/32" diameter.

**TIP:** Square Hole Method: Metal balusters can be installed without using metal shoes. This requires that the hole In the floor be square and snug to the baluster to avoid visible gaps ...

Attach mid rail support to top rail, same as gure 9 pre-drilling and screwing through top beam and top rail using (2) #10 13/4" Phillips drive self drilling screws.

This comprehensive guide provides all the information you need to drill holes for cable railing installation.



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Find step-by-step instructions and tips!

3.1 Mark the position of the bottom rail support connector. For a 72" (1829mm) railing, the position should be in the middle of the Bottom Rail; For a 96" (2438mm) railing, the distance between ...

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The thought behind this is that it will make the railing stronger if it is actually mounted in the concrete. However, the fact that the metal railing is embedded can create a ...

Drilling a hole in a gutter may not sound like the most exciting task, but it is an essential step for proper gutter installation or maintenance. Whether you are a homeowner ...

Cut the aluminum rails at the second mark, assuring that the vinyl insert is cut to the same length and angle as the aluminum rail. In areas with freezing temperatures, drill a 1/8" weep hole ...

Check carton(s) to determine part count is complete. After cutting rails, balusters, or posts, paint exposed metal for maximum protection against the elements. Installation is best accomplished ...

Place the guide rail as it will be mounted and use the holes in the guide rail foot and in the vertical portion that will be mounted to the wall as a template to mark the mounting surface for drilling. ...

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Spindle & Handrail Preparation for Stair Rails: Inserts, railings, and top caps can be marked for cutting by laying the components on the stairs and marking the angle and length using the ...

Once drilling starts, the Odex drill bit quickly cuts ahead of the steel casing which enables a number of "wings" on the bit to open out. The bit can now drill a hole with a diameter slightly ...

Learn the essential safety measures and correct drilling methods for drilling through aluminum with precision and safety. From choosing the suitable drill bit to securing the ...

This article will give you step-by-step information on how to install a metal handrail. If you follow these easy instructions, you should have a new ...



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In this video the crew from R& T Fence demonstrates how to install aluminum deck railing. Shop for your aluminum fence and deck railing supplies at fence-depo...

In this guide, we will delve into how to drill aluminum, covering key considerations such as drill bit selection, speed settings, and proper lubrication...

Drilling holes in aluminum might seem daunting, especially if you're a beginner, but with the right guidance, it can become a straightforward ...

Apply a small amount of silicone caulk to diameter of baluster where it meets baluster connector or insertion hole to insure a tight, movement-free installation. Install balusters on bottom rail. - ...

After drilling each hole location, drive the hex-head fasteners that are specified by the manufacturer. The next step is to install the opposing tensioner in ...

Installing your railings step by step... Installing a continuous hand rail. The installation process is basically the same except that the intermediate post will pass beneath the hand rail allowing ...

Here are the 3 methods of how to install iron balusters into a wood handrail, described in detail for the do-it-yourselfer or the semi-professional. Learn how ...

We breakdown important tips and considerations install handrails on brick steps with minimal hassle. Keep these tips in mind as you start on your project.

The deck and railing installer should determine and implement appropriate installation techniques for each installation situation. Fortress Building Products and its distributors shall not be held ...

Complete guide on how to install a wall mounted handrail. Learn everything from start to finish. We cover tools, measuring, installing and more.

Aluminum Railing Installation Guide ALWAYS: Review all local building codes. Wear proper safety equipment. NOTE: Gap between deck and bottom rail should not exceed 4" (residential), 2" ...

Install Self-drilling Stainless Steel screws through mounting brackets into posts while maintaining the rail in a level position. Install Self-tapping Stainless Steel screws up through the bottom of ...

We breakdown important tips and considerations install handrails on brick steps with minimal hassle. Keep these tips in mind as you start on ...



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Aluminum Drill Guide Jig 30 45 90 Degree Angle 4 Sizes with 6" F Clamp for Angled and Straight Holes, Portable Durable Cable Railing Drilling ...

Mark the location of the rail support on the deck surface and attach the other rail support connector to the deck using the included screw (fig. 7). Drill two 1/4" drain holes through the ...

Step 6: Reattach Rails to Vertical Uprights and Mid-Span Support Position cut H-Series cable rails onto the vertical uprights. Using the holes in the vertical uprights as a guide, use a 1/4" [6mm] ...

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