



DERO **HI ROLLER**

- Better bike support than standard serpentine-style rack
- Multiple configurations available

The Dero Hi Roller puts a unique twist on a familiar design. By adding an extra bend to a rolling-style rack, the Dero Hi Roller provides a much greater degree of bicycle support than its purely vertical counterpart. This rack uses thick pipe construction and allows for one of the wheels and frame to be secured using a u-style bike lock.

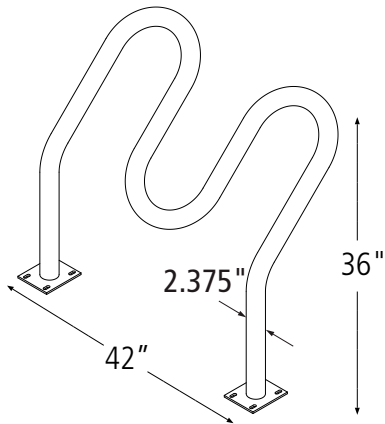


[www.dero.com](http://www.dero.com)

1.800.298.4915



Printed on recycled paper



**Product** Dero Hi Roller  
As manufactured by Dero Bike Racks

**Capacity** Hi2H: 4 Bikes  
Hi3H: 5 Bikes  
Hi4H: 6 Bikes  
Hi5H: 7 Bikes

**Materials** 2.375" OD Schedule 40 Steel Pipe

**Finishes** An after fabrication hot dipped galvanized finish is our standard option. 250 TGIC powder coat colors, thermoplastic coating, and stainless steel finishes are also available as alternate options.

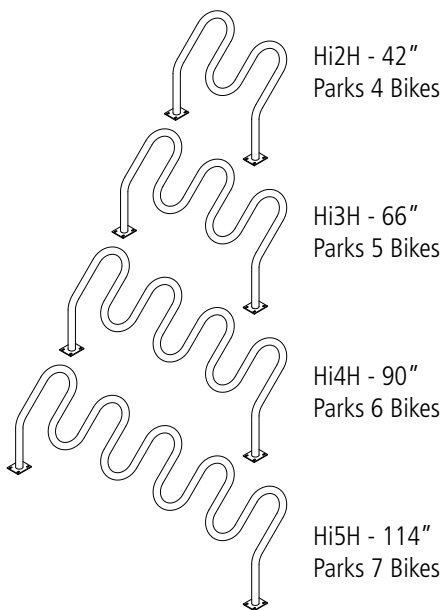
Our powder coat finish assures a high level of adhesion and durability by following these steps:

1. Sandblast
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat

Stainless Steel: 304 grade stainless steel material finished in either a high polished shine or a satin finish.

**Installation Methods** **In ground mount** is embedded into concrete base. Specify in ground mount for this option.

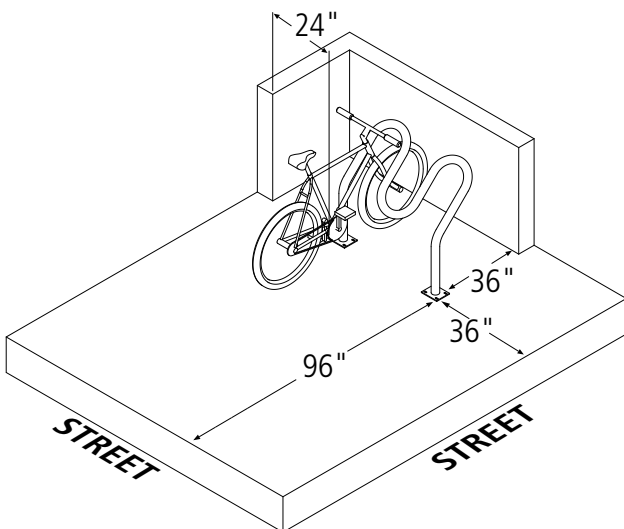
**Foot mount** has two 6"x5" foot plates with 4 anchors per foot. Specify foot mount for this option.



**Space Use and Setbacks** **Wall Setback:** A minimum of 27" should be left between the wall and the long side of the rack. 36" is the recommended setback.

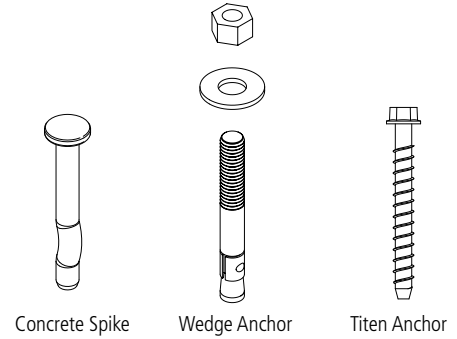
**Street Setback:** For racks set parallel to the street, a 96" setback is recommended. For racks installed perpendicular to the street, 24" is the minimum setback. 36" is recommended.

**Between Racks:** For racks set next to each other, 24" is the minimum setback. 36" is recommended.



## Tools Needed for Installation

- Tape Measure
- Marker or Pencil
- Masonry Drill Bit 3/8"
- Drill (Hammer drill recommended)
- Hammer
- Wrench 9/16"
- Level



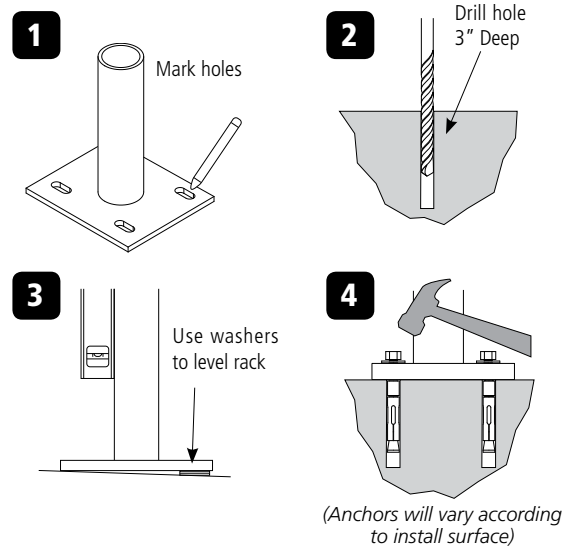
*Standard Anchor Types*

## Recommended Base Materials:

Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your rack, ask your Dero Rack representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

## Installation:

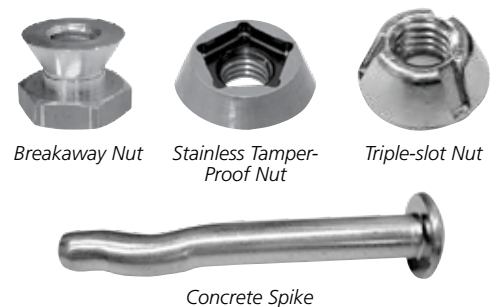
3/8" anchors are shipped with the rack. Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material. Drill the holes in accordance with the specifications shipped with the anchors. Make sure the holes are at least 6" away from any cracks in the base material. Use washers to level rack if necessary. Tap in anchors and follow your specific anchor instructions provided with the rack.



## Tamper Resistant Fasteners

The concrete spike is a permanent anchor. The top of the wedge anchor can also be pounded sideways after installation so that it cannot be removed. Other tamper resistant fasteners are also available for purchase.

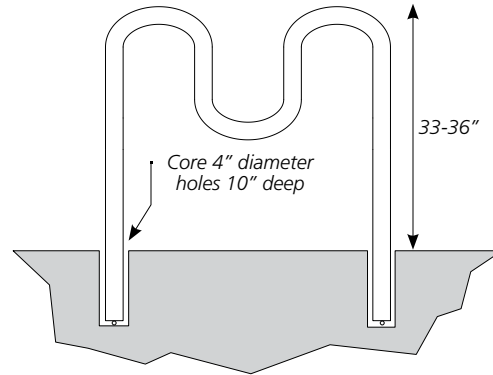
When using the special tamper resistant nuts, always set and first tighten the anchors. Once the rack is installed, replace two nuts from the bracket (opposite sides from each other) with the tamper resistant fastener. **DO NOT OVERTIGHTEN** the tamper resistant nut.



If you have any questions about installation or other features of the Hi Roller, please call us toll free at 1-800-298-4915

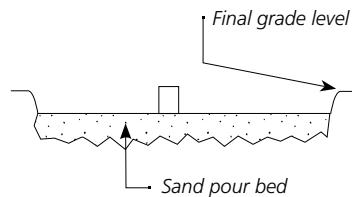
## Installing into Existing Sidewalk

Core holes no less than 3" diameter (4" recommended) and 10" deep into sidewalk. Place Hi Roller into holes, making sure the rack is level. Fill holes with Por-Rok or epoxy grout. 33"-36" of the Hi Roller should remain above the surface. If the Hi Roller is less than 33" high, it will not support the bike adequately. Make sure the rack is level and held in place until the grout has set.

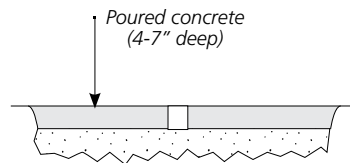


## Installing Into a New Sidewalk:

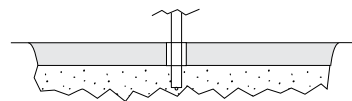
**1** Place corrosion resistant sleeve (min. 3" inside diameter) in sand pour bed in exact location where rack will be installed. Make sure top of sleeve is at same level as desired finished concrete surface. Fill sleeve with sand to keep it in place and prevent it from filling with concrete.



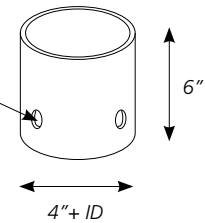
**2** Pour concrete and allow to cure.



**3** After appropriate cure time, dig out sand from sleeves and insert rack, making sure it is level and at the appropriate height. Pour in Por-Rok or epoxy grout and allow to set.



Note: Sleeve should have profile to keep it from coming loose from hardened concrete.



### INSTALL TIP

An easy way to brace the Hi Roller while the grout sets is to bolt two 1x4" boards together at one end and clamp them onto the legs of the rack like a clothes pin.

