



DERO

## CYCLE STALL BASIC

- Minimal infrastructure requirements
- Keeps sidewalks clear of bikes
- Wheel stops and pylons included

One car or ten bikes? Maximize parking for customers at your business with on-street bike parking.

The Cycle Stall Basic kit covers the needs of cities and businesses that want to provide an on-street bike corral at a low cost and minimal changes to infrastructure.

Designed to fit within a standard size car parking space, the Cycle Stall Basic comes in standard single or double length kits, or can be customized to suit your needs.

The bike racks may also be mounted to the rails at 45 degree angles.

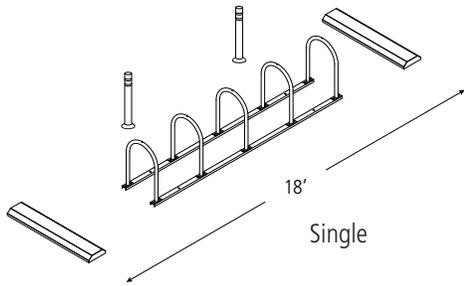


**DERO**  
A PLAYCORE Company

 [www.dero.com](http://www.dero.com)  1.800.337.6729



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Single

**Product**

Dero Cycle Stall Basic  
As manufactured by Dero Bike Racks

**Capacity**

Single: 10 Bikes  
Double: 22 Bikes

**Materials**



Hoop Racks: 1.5" schedule 40 pipe (1.9" OD)  
Wheel Stops: Recycled plastic

**Finishes**

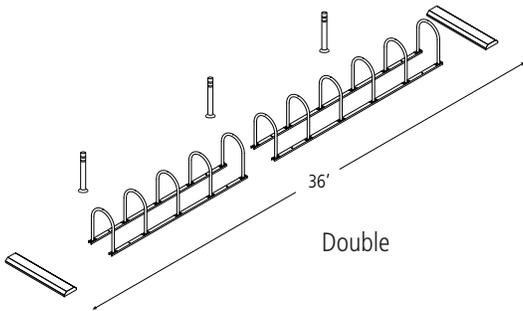


An after fabrication hot dipped galvanized finish is our standard option. 250 TGIC powder coat colors, thermoplastic coating, PVC dip, and stainless steel finishes are also available as alternate options.

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.



Double

**Installation Methods**



**Rail mount** - Hoop Racks are mounted to galvanized rails which should be anchored to the ground.

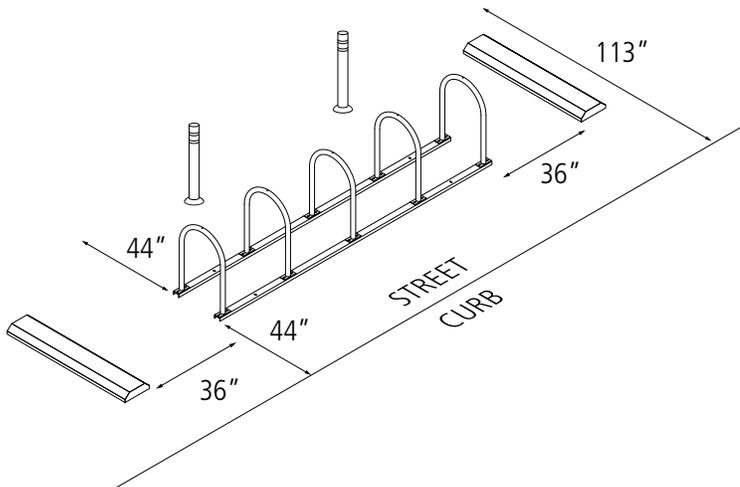
**Space Use and Setbacks**



**Curb Setbacks:**  
Minimum: 44"

**Traffic Lane Setbacks:**  
Minimum: 44"

**Wheel Stop Setbacks:**  
Allow minimum of 36" between wheel stops and racks.





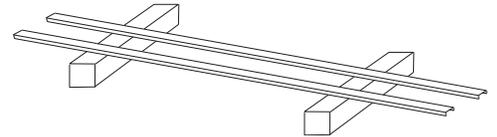
### Tools Needed for Installation:

- 9/16" Socket set
- Two 4"x4"x28" (or larger) blocks
- 4 bolts, nuts and washers for every Hoop (included with rack). If using a tamper resistant nuts, install two tamper resistant nuts with each Hoop.
- Hammer (if installing into concrete with wedge anchors)

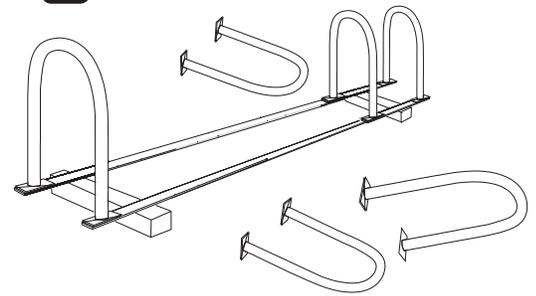
### Installation Steps

- 1** Lay out the two channel beams where the rack will be placed. Place the two beams on top of the two blocks of wood so that the open part of the channel faces the ground.
- 2** Place Hoop Racks on beams so holes in rack flanges line up with beam slots.
- 3** Put bolts through Hoop Rack flange holes and beams so bolt head faces up. HAND tighten the nuts using new flange nuts.
- 4** Once nuts are on, tip assembled rack over and use a 9/16" socket to tighten nuts. Before fully tightening nuts, make sure the racks are straight on beams. If using tamper resistant nuts, use access tool to tighten nuts. Do not overtighten the tamper resistant nuts. Tip rack upright.

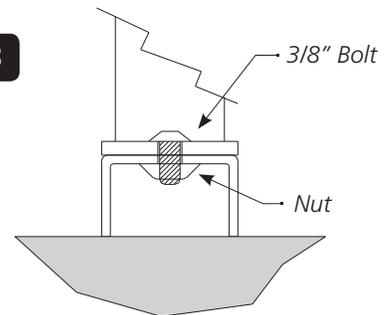
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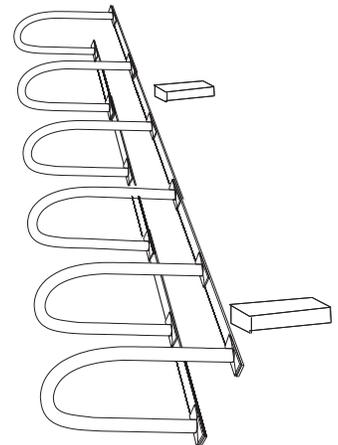
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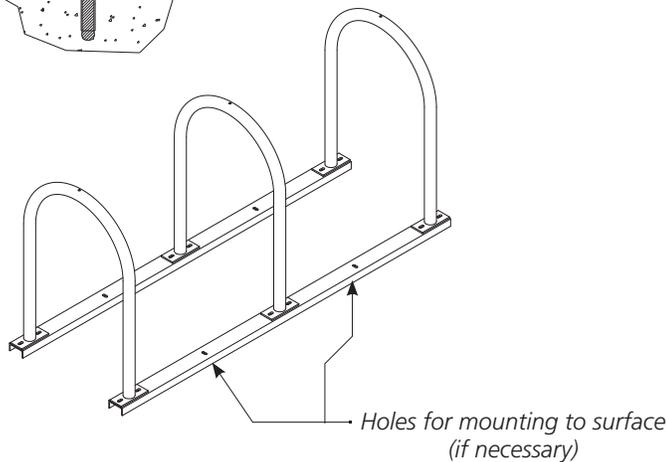
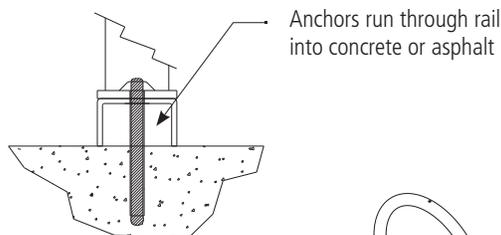
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### Anchoring the Rails

To anchor the rails to concrete, place 3.75" wedge anchor through 4 indicated holes in the rail into the concrete. Secure with nut.

If anchoring to asphalt surface, use Titen asphalt screws. Place screws through rail holes and turn into the asphalt.





### Tools Needed for Installation

- Hammer Drill with 3/8" masonry bit
- Socket Wrench 3/8"
- Hammer (if installing into concrete with wedge anchors)

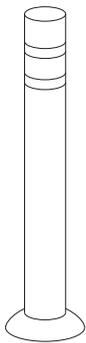
### Site Safety

Before installation, ensure work site is safe. If necessary, block off the area to prevent vehicle and pedestrian access. Use appropriate signage and work barricades to delineate the work area. Ensure electric power leads and hand tools are safe, in good working condition and only used as per manufacturer's specifications. Remove any potential trip hazards and use appropriate personal safety equipment (safety gloves, safety glasses, safety boots, etc.).

### Wheel Stop Installation

- 1** Place wheel stop in desired location using setbacks diagram on page 2 as a guide. Mark holes onto surface and remove wheel stop.
- 2** Drill 3/8" holes through asphalt surface.
- 3** Line up holes in wheel stops with holes in road surface and use 3/8" socket wrench to secure the provided anchors.

### TRAFFIC DELINEATORS



Two 48" tall traffic delineators are included to protect your installation from damage by vehicles. Three delineators are included with the double-sized kit.

The delineators are secured to the ground with an epoxy cement and include two bands of reflective tape for greater visibility in low light.

