

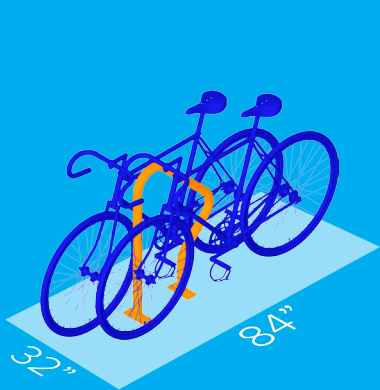
# SPACE REQUIREMENTS



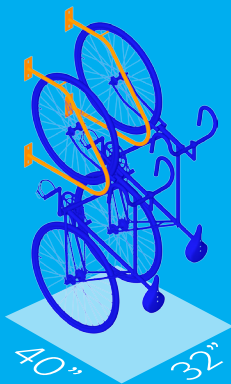
(888) 337-6729

# CAPACITY AND SPACE USE

These diagrams illustrate the amount of space used by average sized bikes parked in various ways. Be sure to contact your city government and confirm any minimum ordinances or mandates applicable.

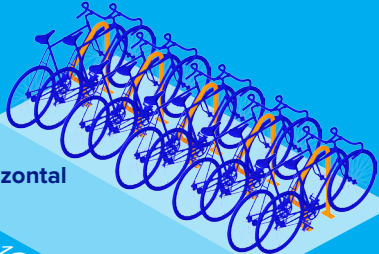


**Horizontal**



**Vertical**



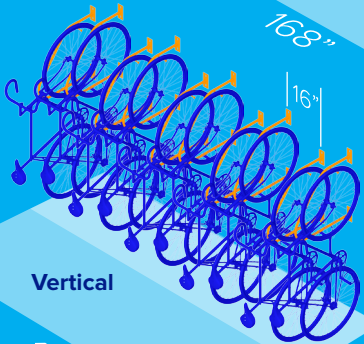


**Horizontal**

168"

60"  
Aisle

144"



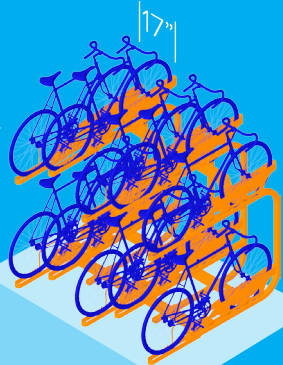
**Vertical**

168"

48"  
Aisle

88"

16"



**2-tier**

92"

60"  
Aisle

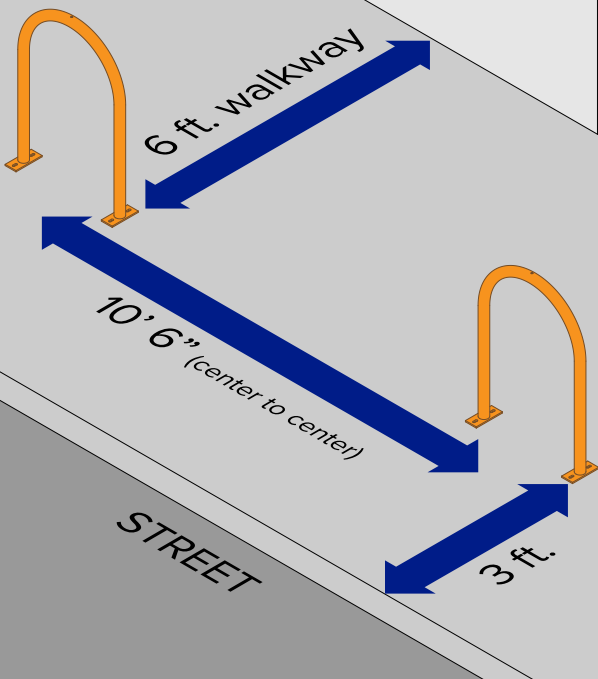
130"

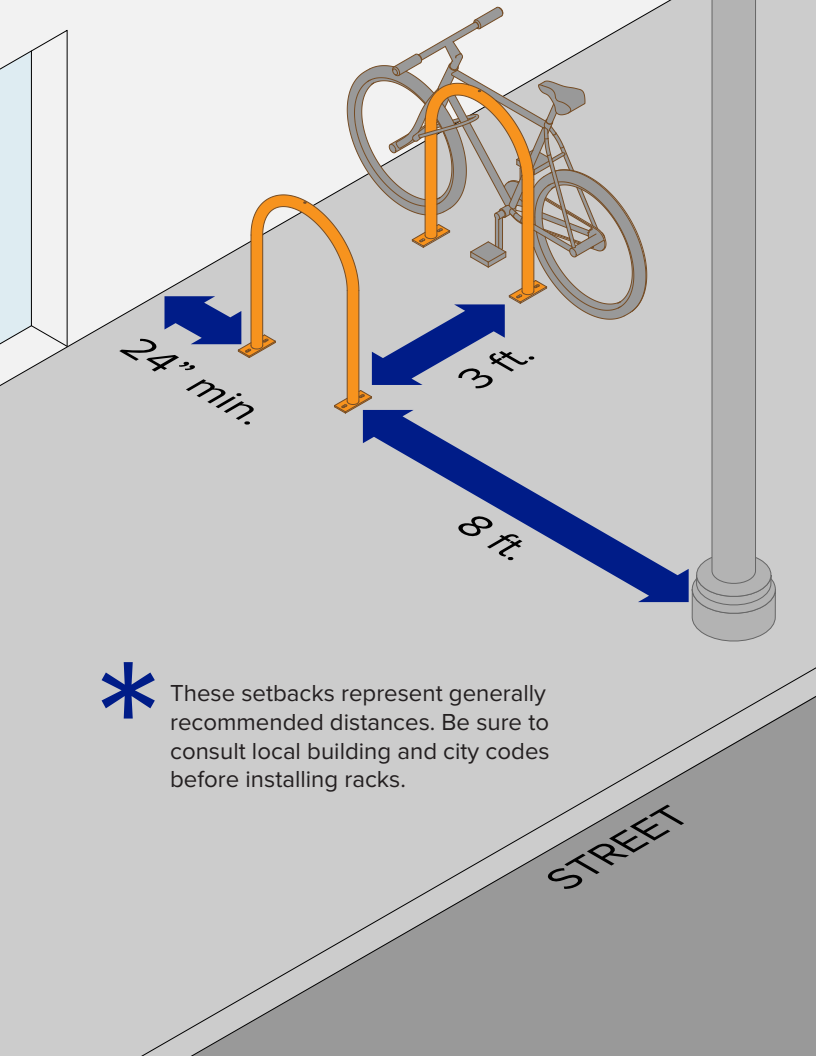
17"

**10  
Bikes**

# SETBACKS

Follow these recommended setbacks when installing racks near walls, streets, infrastructure, or other bike racks.





These setbacks represent generally recommended distances. Be sure to consult local building and city codes before installing racks.

STREET

CHOOSING A  
**SITE**



## IDENTIFY CURRENT PROBLEMS

Notice where bicyclists tend to park now and locations where bike parking is clearly inadequate.

When no bike racks are provided, people improvise and lock their bicycles to anything that seems secure.

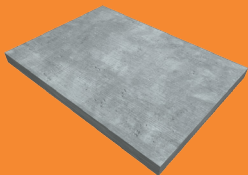




## CHOOSE A PROMINENT LOCATION

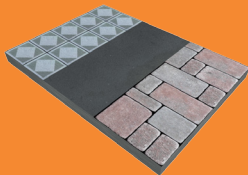
If people can't find your rack, they won't use it. Placing bike racks near entrances and other areas with high pedestrian traffic will also help deter theft.

# INSTALLATION SURFACES



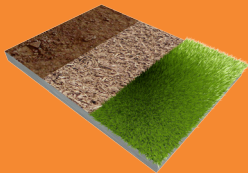
## CONCRETE

Concrete is the best and least expensive surface material for a variety of rack types and installation methods. Both in-ground and surface mounts work well on concrete and are easy to install.



## ASPHALT, PAVERS, AND TILE

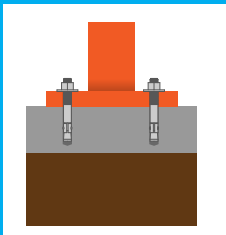
Factors affecting the suitability of these materials include the thickness of the surface material, the makeup of the below-grade material, and climate. Freestanding racks are recommended for these surface types.



## MULCH, GRASS, AND DIRT

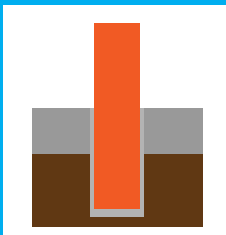
For organic materials such as mulch, grass, and dirt, you will need a bike rack with a freestanding option, or you may pour concrete footings to embed or anchor the rack down.

# MOUNTING OPTIONS



## **SURFACE MOUNT**

The metal flange is anchored to the ground with appropriate hardware. Tamper-proof options are available for greater security.



## **IN-GROUND MOUNT**

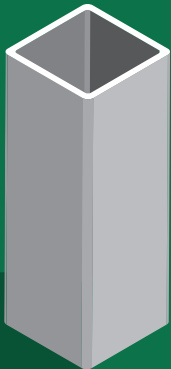
The rack is embedded into concrete surface.



## **RAIL MOUNT**

Racks are bolted to rails which may be anchored to surface or left free-standing.

# ADDED SECURITY



## **SQUARE TUBING**

A determined thief will eventually cut through anything, but for greater security choose a rack made with heavy-gauge square tubing that is not vulnerable to pipe cutters.



## **TAMPER-PROOF HARDWARE**

For racks bolted to the surface, consider using non-standard nuts to help deter theft.