

Sheet1

Velopa TuliP Falco Triangel 10 Cyclehoop 'High-Low'

design capacity		2	2	2
usable capacity		2	2	2
stackable	yes	no	yes	
density	high	high	high	
footprint	small	small	small	
bike stability	high	high	high	
wheel lock	yes	yes	yes	
frame lock	yes	yes	yes	
wheel and frame lock	yes	yes	yes	
attractiveness	high	high	medium	
durability	high	high	high	
limitations concerning types of bikes	low	low	low	
risk of bike damage	low	low	low	
ease of use in parking	high	high	high	
ease of use in fastening	high	high	high	
ease of seasonal removal	high	permanent	low	
intended location:				
on street parking	yes	yes	no	
parking lot	yes	no	yes	
shelter	yes	no	yes	
indoors	yes	no	yes	
installation methods:				
detachable from base	yes	no	no	
anchored with bolts	yes	no	yes	
anchored with concrete	yes	yes	no	
free standing	no	no	yes	
cost per rack	\$\$\$	\$\$\$	\$\$\$	
cost per parking space	\$\$	\$\$	\$\$	

Glossary:

design capacity	The manufacturer's suggested number of parking spaces
usable capacity	The actual number of parking spaces in practice. This va
stackable	Whether the racks are designed to be combined to form a
density	The rack accommodates many bikes in a small area.
footprint	The amount of space occupied by a rack.
bike stability	How well the rack supports the bike.
wheel lock	Whether the bicycles wheel can be locked to the rack
frame lock	Whether the bicycles frame can be locked to the rack
wheel and frame lock	Whether the bicycles wheel and frame can both be locked
attractiveness	The aesthetics of the racks
durability	How well the rack will resist weathering, vandalism and att
limitations concerning types of bikes	How well the rack accommodates different types of bikes,

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risk of bike damage
ease of use in parking
ease of use in fastening
ease of seasonal removal

How well the rack protects a bike from damage from the r
How easy it is to put the bike in place.
How easy it is to lock the bike once in place.
Whether the rack can be removed for the winter.

intended location:
on street parking
parking lot
shelter
indoors

This is the same urban environment where cars would be
This is the same environment where cars would be parked
This is an area which is protected from the elements by a
This is within a building, either in a designated room or in :

installation methods:
detachable from base
anchored with bolts
anchored with concrete
free standing

The rack's base is securely attached, but the rack itself ca
The rack is attached using special fasteners.
The base is set into the ground using concrete.
The rack isn't attached to anything. This is never recomm

cost per rack
cost per parking space

The purchase price of the rack.
The purchase price of the rack divided by the number of u

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Peak Racks 'Campus'	Ring and Post	Inverted U	Decorative Bike	Triangle/Coat Hanger
	4	2	2	2
	4	2	2	2
yes	no	no	no	no
high	low	medium	medium	medium
medium	small	medium	medium	large
medium	low	low	low	low
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes
yes	yes	yes	yes	yes
low	medium	medium	high	low
medium	high	high	high	medium
low	low	low	low	high
low	medium	medium	medium	high
high	medium	medium	medium	low
high	medium	medium	medium	medium
low	permanent	permanent	high	low
no	yes	yes	yes	no
yes	no	no	no	yes
yes	no	no	no	yes
yes	no	no	no	no
no	no	no	yes	no
yes	no	no	no	yes
no	yes	yes	no	no
yes	no	no	no	yes
\$\$	\$\$	\$\$	\$\$\$\$	\$\$\$
\$	\$	\$	\$\$\$\$	\$\$\$

per rack.
 ries from the design capacity when a rack is poorly designed.
 t larger rack.

l to the rack using only one lock

tempts at bicycle theft.
 different sizes of wheels, and bikes with various accessories.

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ack itself and other bikes.

parallel parked on the street. The rack would be installed between the parked cars and the sidewalk in a large lot. The rack would be installed in front of a building near the entrance. purpose-built structure. It is intended for long duration parking, such as at a bus station or apartment building. It is intended for use in an unobtrusive area. The intended users are mostly regular visitors such as residents, employees

in be easily removed by using a key.

ended for any type of rack.

seable parking spaces which are provided.

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Comb/Grill/Toaster	Wall Mount	Locker	Wave	Wheel Bender
5 to 10		1	1	5
2 to 4		1	1 2 to 3	3
no	no	yes	no	yes
medium	high	low	medium	medium
large	large	large	large	large
low	medium	low	low	low
yes	yes	n/a	yes	yes
no	yes	n/a	yes	no
no	yes	n/a	yes	no
low	medium	low	medium	low
medium	high	high	high	low
high	medium	medium	medium	high
high	low	low	medium	high
low	low	medium	low	medium
low	high	high	medium	low
high	permanent	permanent	permanent	high
no	no	no	no	no
yes	no	yes	yes	yes
no	no	no	no	yes
no	yes	no	no	yes
no	no	no	no	no
yes	yes	no	no	yes
no	no	no	yes	no
yes	no	yes	no	yes
\$\$	\$\$\$	\$\$\$\$	\$\$	\$\$
\$\$\$\$	\$\$\$	\$\$\$\$	\$\$	\$

alk.

ent building.
or students.