



**Cycle Storage, Racking
and Security products**

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- Also available:
- TUSK Bull Rack bike storage
 - TUSK Excel high security anchors
 - TUSK Modular bike storage systems
 - TUSK Multihanger overhead storage

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Product Information: TUSK HOOK 'N' HANG BIKE RACK

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Planning Your Space

The simple rules for planning your space:

1. Refer to the Architects, Planners, Installers notes (sheet 14) and decide on either the standard single row installation, or, if space is a premium, consider the high density, staggered row installation.
Always install racks etc onto sound masonry, brick or block wall with supplied fixings.
If installing to a timber structure use M8 coach screws of suitable length (not supplied).
2. **Standard single row installation:**
Lower edge of HNH Rack to be 140cm (55 inches) above ground/floor level.
Centre-line of first rack to be not less than 30cm (12") in from corner or any other obstruction.
Table 1 below may be useful in planning your space.

3. **High density, staggered row installation:**
Lower edge of HNH Rack to be 140cm (55 inches) above ground/floor level.
Centre-line of first rack to be not less than 30cm (12") in from corner or any other obstruction, (same as for single row, first rack).
Next rack to be located 35cm to the right (or left) of the first rack and 35cm above. Then repeat the "one up, one down" stagger to form two horizontal, parallel rows.
Table 2 below may be useful in planning your space.
4. **Hook'n'Hang lower guide (HNH/LG)**
The Lower Guide not only provides an additional locking point to keep your bike secure, but in a crowded or busy cycle store environment it will maintain the regular spacing between bikes for easy racking access.

5. Useful hints:
Remember to allow aisle access for wheeling your bike to the rack (1.0 metre minimum).
When racking the bike, position the front wheel at 90 degrees to the wall and then just pull the handle bars towards you and run the front wheel of the bike up the wall. The average bike is 1.85 metres long and 1.25 metres to the top of the saddle.
To get straight line installations, install first rack, check installation by hanging a bike on it, mark centres of remaining rack locations, install last rack in the row, then string between and work to this level.
6. Tools required:
Electric drill
Masonry Drill 14mm diameter
Hammer
M8 box or socket spanner
Tape measure

For Maximum Security also fit an **EXCEL** hardened steel security anchor at each station.

Table 1: Space planning guide, standard single row installation

Number of Racks:	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Space required (metres) (i.e. length of wall)	1.90	2.55	3.20	3.85	4.50	5.15	5.80	6.45	7.10	7.75	8.40	9.05	9.70	10.35	11.00	11.65

For each additional space required add 65cm

Table 2: Space planning guide, high density, staggered row installation

Number of Racks:	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Space required (metres) (i.e. length of wall)	1.65	2.00	2.35	2.70	3.05	3.40	3.75	4.10	4.45	4.80	5.15	5.50	5.85	6.20	6.55

For each additional space required add 35cm