



1. Product name

Ceiling mount for sensory swings

2. Product code

21929652

3. Colour

As shown



4. Short description

If the different ceiling suspension options do not work with your ceiling type, this bracket can be the solution. Fixations not included. Ask for advice on the best approach for a safe installation. This suspension hook is not installed by Nenko.

5. Concrete ceiling issues

Southpaw would like to point out that concrete is weak in handling tensile forces. When concrete fails, it often does so explosively. Unlike wood, which splinters first, or metal, which bends slightly, concrete breaks suddenly.

When using anchor bolts, vibration and movement caused by SI therapy must be considered. This is an important matter that should always be discussed with a structural engineer.

We recommend reinforced concrete ceilings as a possible solution.

Regardless of the system used, we always advise having the ceiling tested by a structural engineer to ensure it can bear the required working loads.

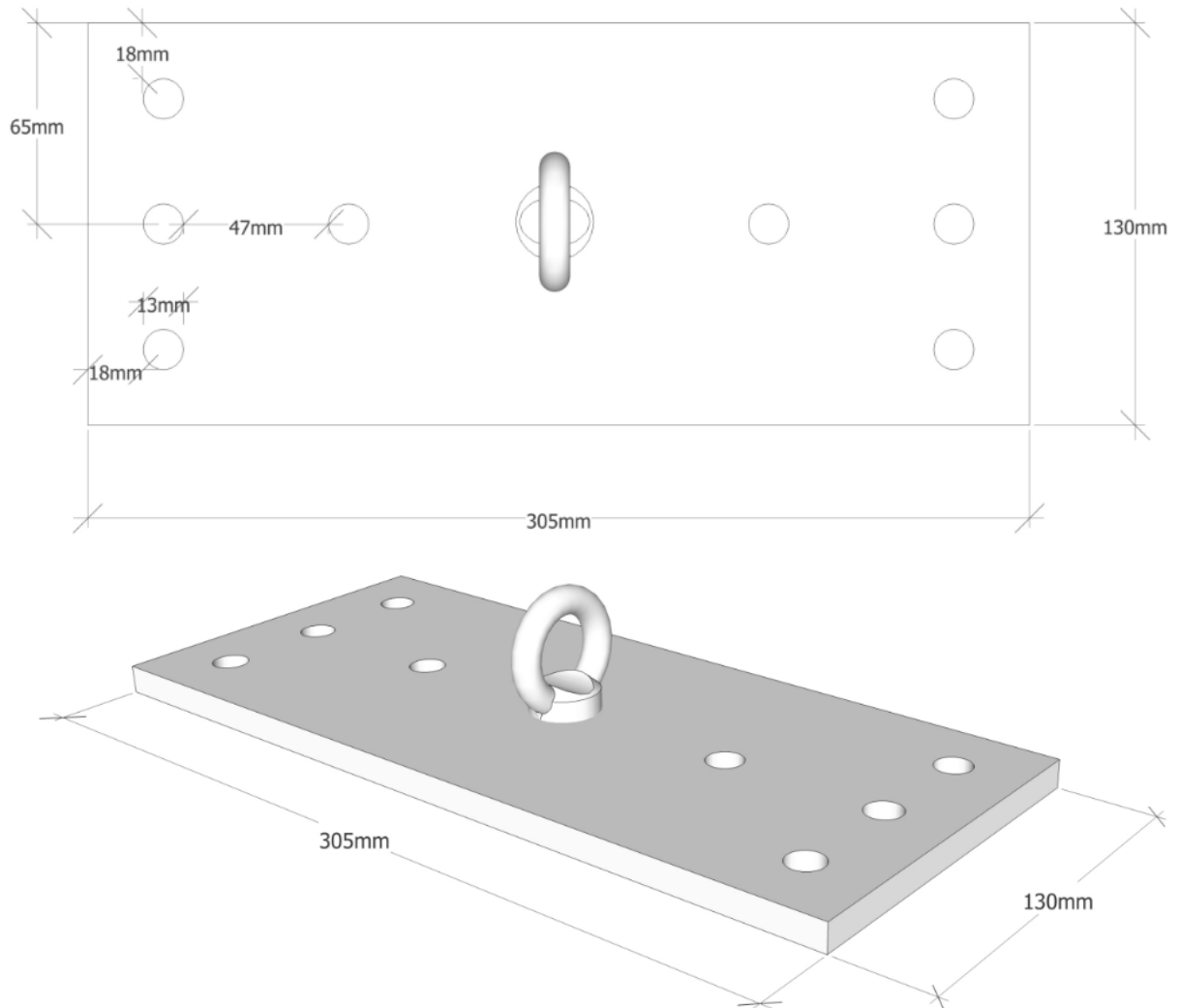
The bracket is supplied without fasteners. These must be chosen and purchased separately to suit the ceiling type and installation method.

The brackets must be installed in such a way that they can be removed and replaced if necessary, and should be inspected regularly for maintenance.

⚠ Please note:

The dimensions provided are not exact to the millimeter. Allow for a slight tolerance when planning the installation method.





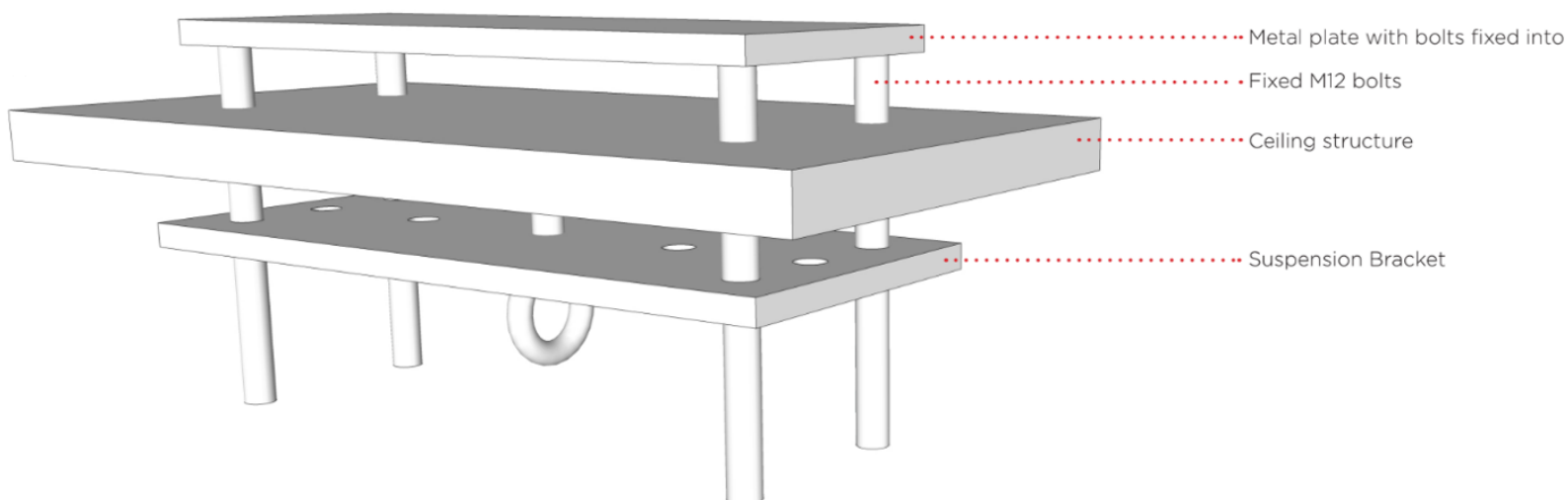
Disclaimer

Southpaw makes no warranty that this product will be suitable for use with your ceiling structure and accepts no responsibility or liability if it is not.

6. Installation

These diagrams show a metal plate built above the ceiling with bolts directly fixed for the suspension point/plate.

This method can be applied if the room is still under construction or if there is access to the cavity above the ceiling.



Requirements for the installation of ceiling suspension

- Minimum ceiling height: 2.5 m
- All eyebolts must be installed at least 1.8 m away from any wall or obstruction
- The base of the eyebolt must be flush with the ceiling

Ceiling support

The ceiling support must be designed for the most demanding conditions, not just the current situation. Your ceiling suspension point must always meet the following requirements, regardless of the population you treat or the methods you use.

Ceiling supports must be able to carry at least a 455 kg working load at up to a 45-degree angle in any direction, regardless of ceiling structure. Keep in mind that during therapy activities the forces on the ceiling eyebolt will not always act straight down. Even a gentle swing changes the angle of those forces.

⚠ Warning: Eyebolts wear with use and must be inspected regularly. Discontinue use immediately and replace the eyebolt as soon as wear becomes visible. Never allow wear to exceed 30%.

**Working load**

The working load is the combined weight of the equipment, the child and/or therapist, plus the additional weight created by movement. It is not the weight at which the equipment fails, but the maximum sustainable load the equipment can safely handle.

For example: if a 68 kg person stands on a scale, it will read 68 kg. But if the same person jumps onto the scale, the reading will momentarily shoot above 68 kg. This additional weight caused by movement demonstrates how working load is applied to the scale (or equipment).

Please also consult the document: *Southpaw Swings – Working Loads (Maximum Capacity) EN*.

For more information, you can visit our website www.nenko.com

