

# Stabilly / Stabilly<sup>2</sup>

## User Manual

Please read this manual carefully before using Stabilly repair stand. Failure to follow the precautions described in this manual can cause damage to the stand and personal injury.

### Safety Precautions

- ◆ Before proceeding with any operation described in this manual, make sure you understand the instructions. If you have any trouble whatsoever, contact us at [info@dbd-tools.com](mailto:info@dbd-tools.com). We are here to help you.
- ◆ The stand is designed for indoor use only.
- ◆ For cleaning the stand use a cloth and isopropyl alcohol.
- ◆ Do not modify any part of the stand. Doing so can cause serious injury.
- ◆ Keep the work area clear of obstructions.
- ◆ The stand is designed for bicycle repair, do not use it for other purposes.
- ◆ Before using the stand make sure all the screws are installed correctly and tightened sufficiently.
- ◆ Before attempting any repair operation to the stand, find a suitable manual for the intended operation or contact us to help you.

## Assembly and Installation

### Required tools (not included)

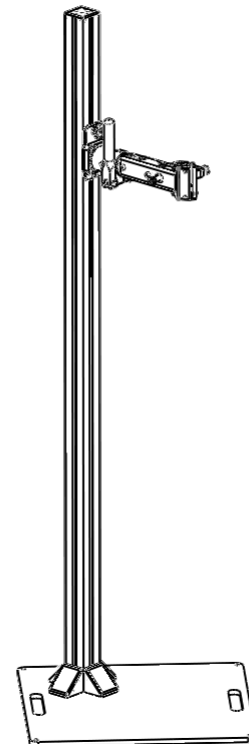
Stabilly requires very little assembly before use, making it convenient for the user.

Required tools for installation:

- ◆ Clamp – 5 mm hex wrench
- ◆ Mounting to the base plate – 6 mm hex wrench

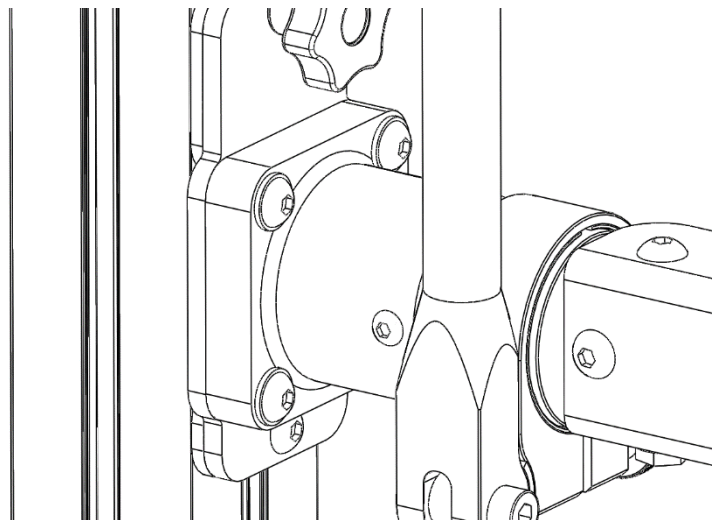
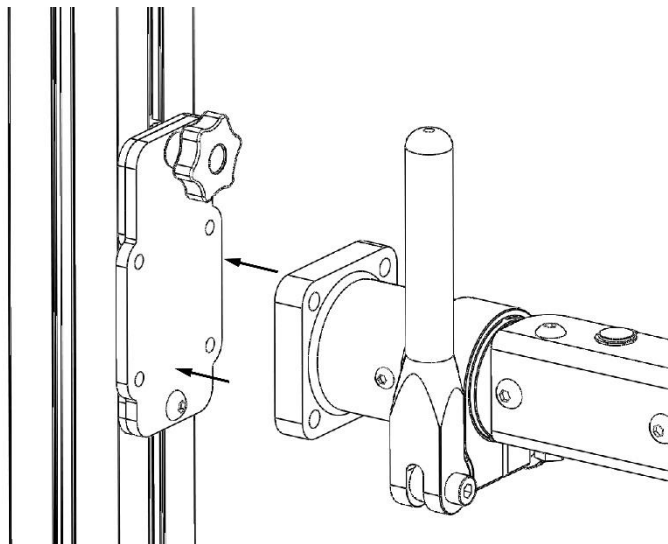
### Notes:

- ◆ Stabilly's **weight capacity is 40 kg**. DBDtools is not responsible for any damage caused by overloading of the stand.



## Installation of the clamp:

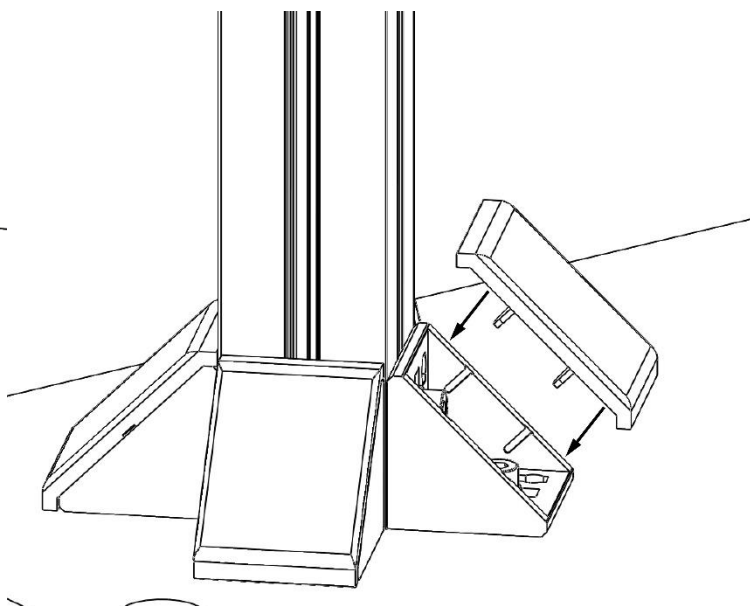
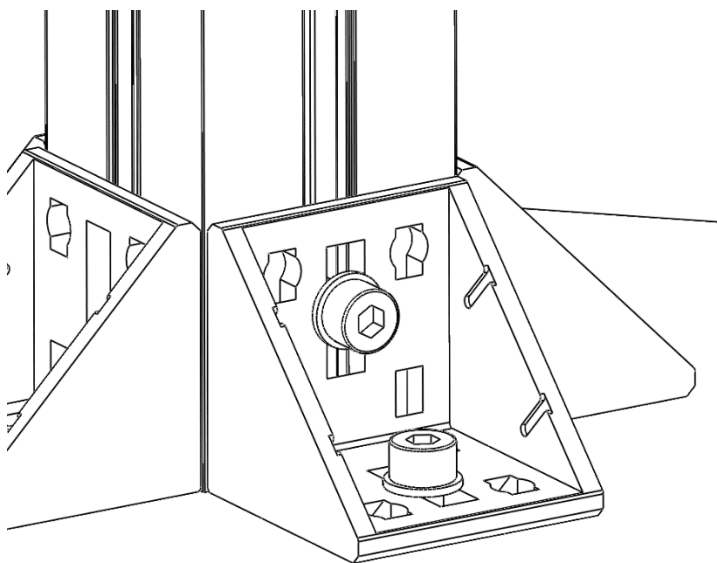
1. Place the clamp onto the sliding plate of Stabily.
2. Place the four included M8 washers onto the included M8x25 screws and insert the screws through the four holes of the clamp.
3. Make sure the clamp is straight and tighten the screws with a 5 mm hex wrench.
4. **Stabily<sup>2</sup>** – repeat the process for the other clamp, mounting it to the adjacent sliding plate.



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## Mounting to the base plate:

1. Place Stabily onto the base plate.
2. Place the four included M8 washers onto the included M8x16 screws and insert the screws through the four slots of the bottom supports.
3. Make sure Stabily is centered on the base plate and tighten the screws with a 6 mm hex wrench.
4. Install the included plastic covers onto the bottom supports.



## Installation of Add-Ons requiring the Add-On Arm:

The Add-On arm is installed by sliding the groove nuts of the arm mount into the rear groove of Stabily's main column (See Figures 1 and 2). It is secured to your preferred height by tightening the two screws with a 5 mm hex key.

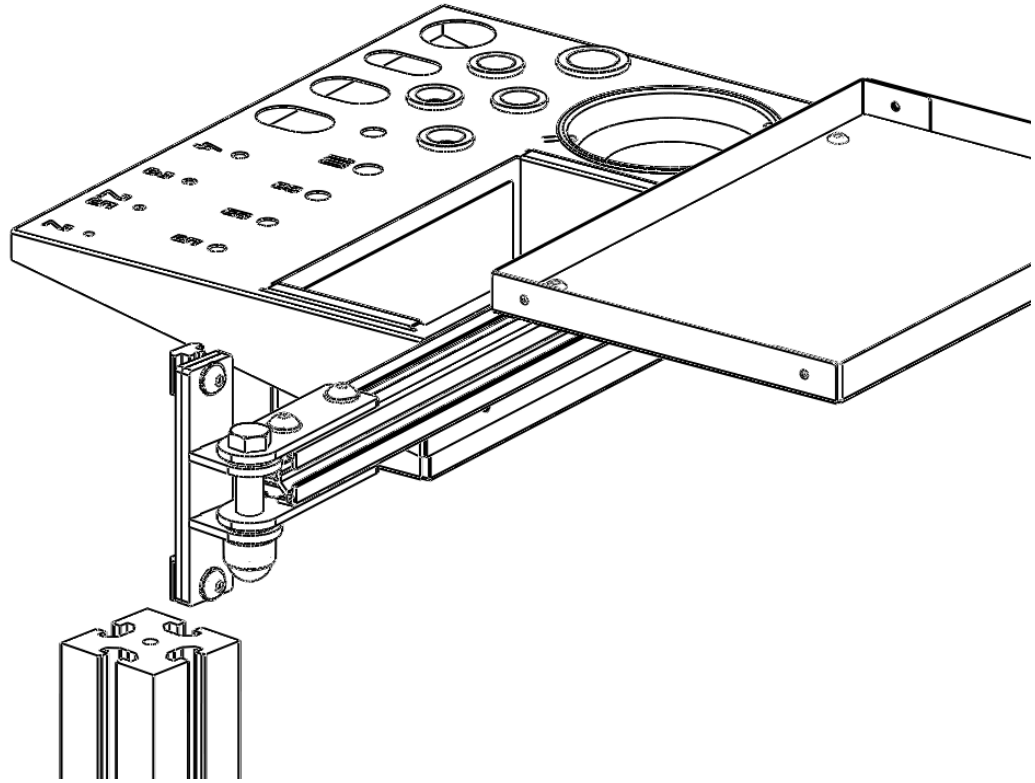


Figure 1

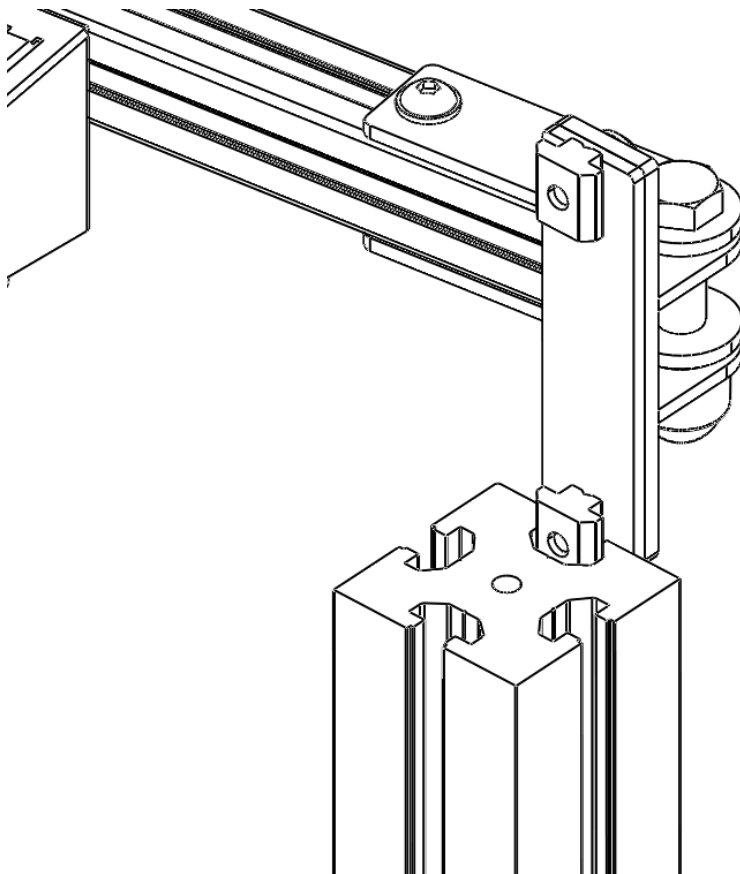


Figure 2

The Tool Tray and Part Tray are mounted to the Add-On arm with the use of groove nuts that come pre-installed on these Add-Ons.

1. Move the Add-On arm to a comfortable height.
2. Remove the plastic cover from the Add-On arm (Figure 1). Use a plastic tool to protect the aluminum.
3. Unthread the groove nuts on the Add-On you are installing slightly (not all the way off).
4. Slide the Add-On's groove nuts into the groove of the hinged arm segment (Figures 2 through 4). Tighten the screws with a 4 mm hex wrench.
5. Replace the plastic cover onto the Add-On arm. Use a rubber mallet or similar soft tool.
6. For notes on each individual Add-On see the next section.

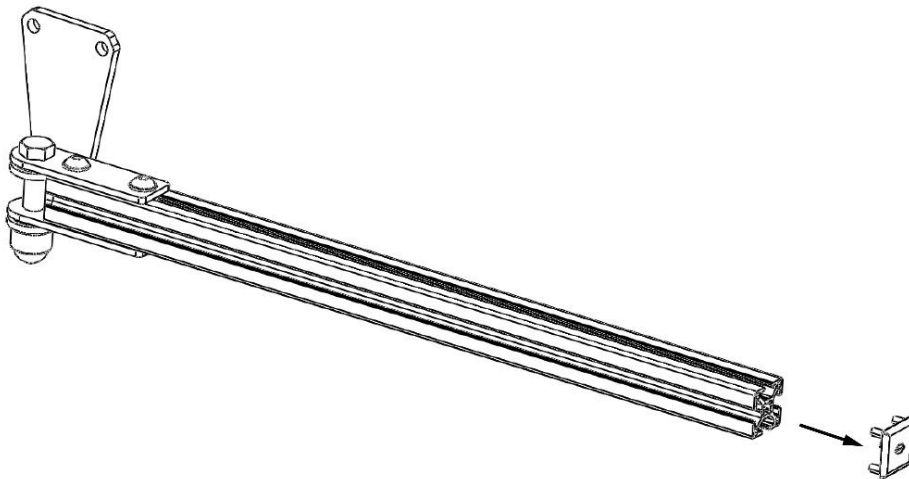


Figure 3

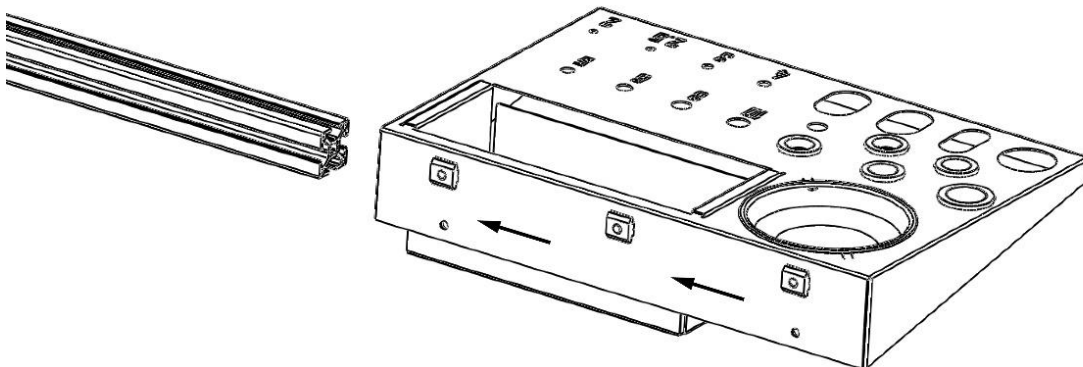


Figure 4

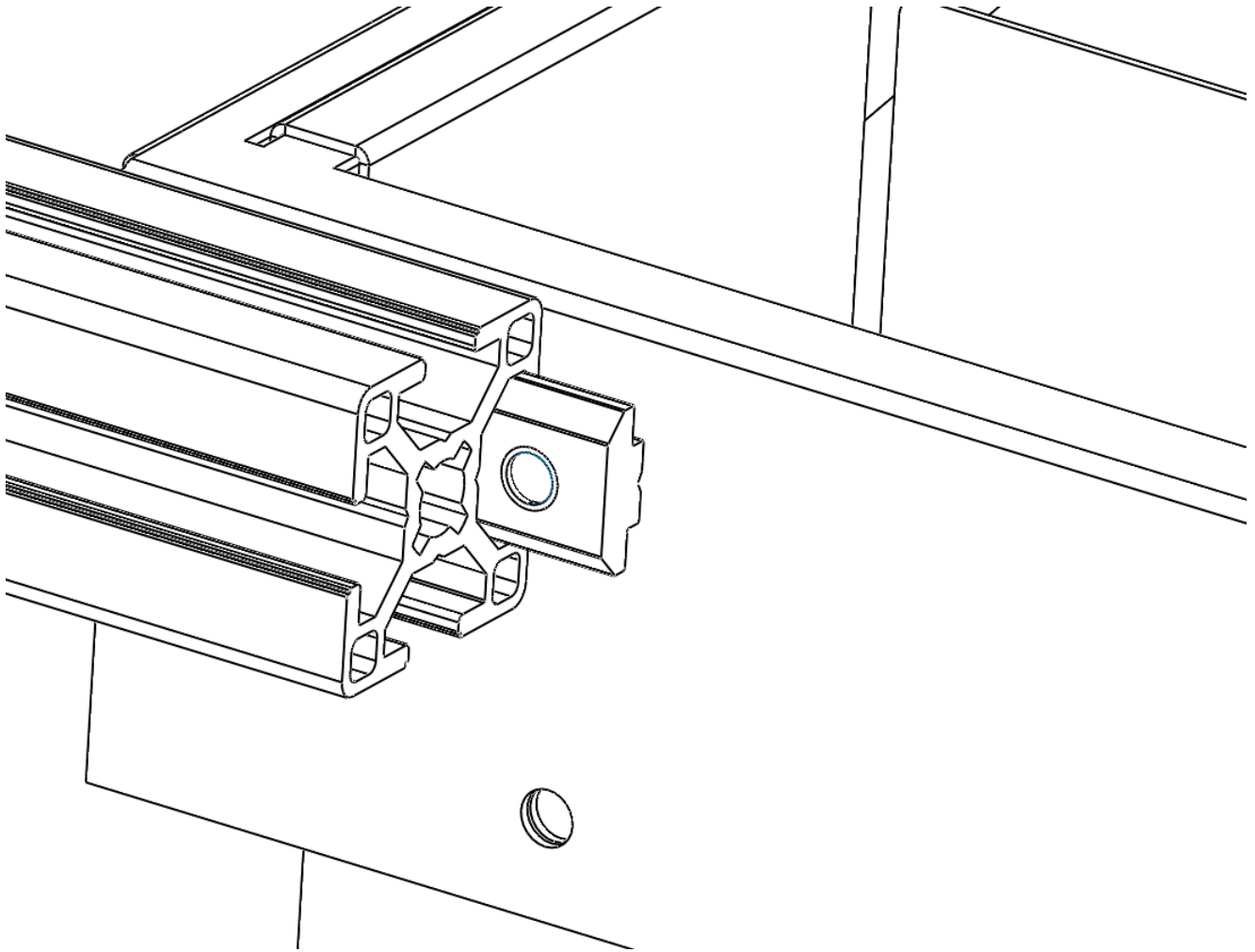


Figure 5: Tool Tray mounting detail

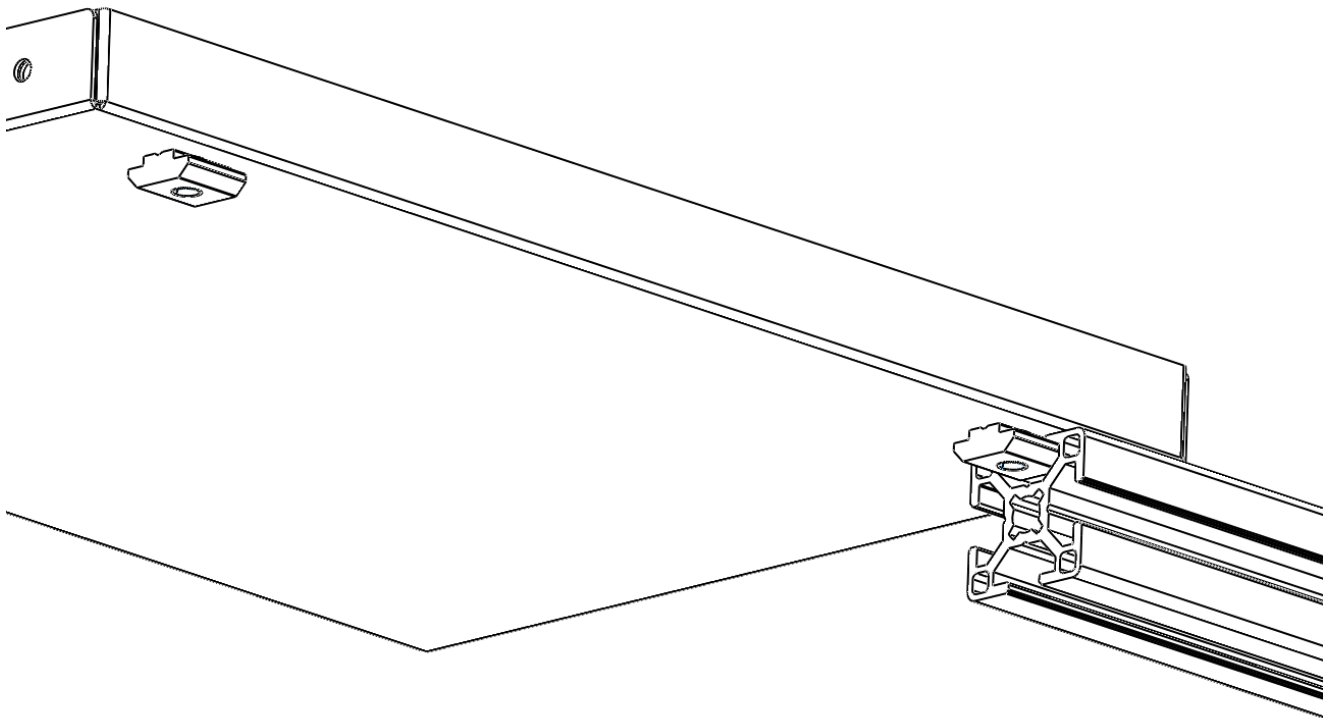


Figure 5: Tool Tray mounting detail

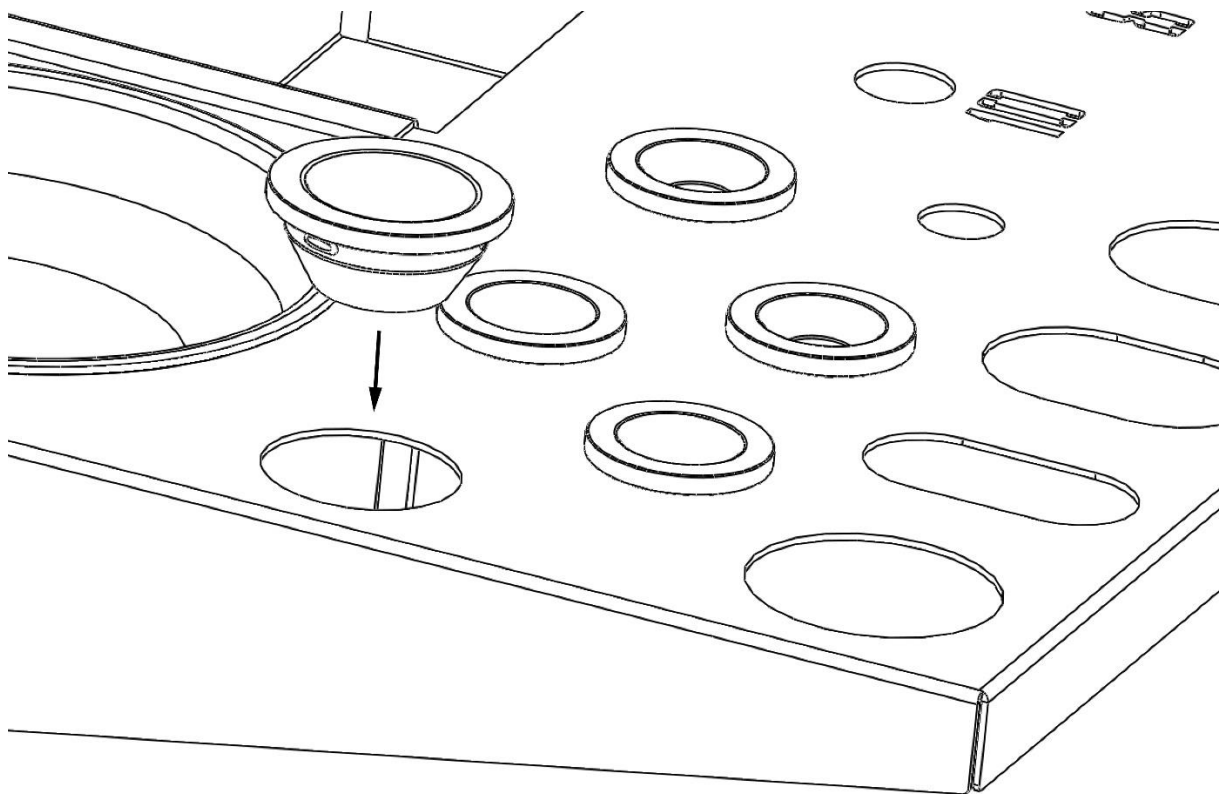
## Tool Tray

The Tool Tray allows you to always keep your most used tools close. It includes:

- ◆ Marked cutouts for hex wrenches from 2 mm to 10 mm
- ◆ Mixed-size cutouts for various tools with optional plastic holders
- ◆ Spray compartment
- ◆ Magnetic cup for keeping small screws and other metal parts secure

### Notes:

- ◆ The spray compartment metal strip is inserted from the bottom by slightly bending the side flanges.
- ◆ The spray compartment needs to be removed to tighten the screws holding the tool tray to the hinged arm
- ◆ The included plastic holders can be used to prevent screwdrivers from tilting in the Tool Tray. They are installed by inserting them into the cutouts from the top and pushing them in (Figure 11)



*Figure 11: Optional plastic holders for screwdrivers*

## Part Tray

The Part Tray is useful for putting down anything you need close at hand. Parts removed from the bike can stay close, especially if you only need to put them away for a short time or have your hands full – for example headset spacers while holding the fork at the same time.

## Installation of Add-Ons not requiring the Hinged Arm:

See each Add-On for installation instructions.

### Towel Holder

The Towel Holder is mounted to the rear or side groove of Stabily's main column with the two included M6 screws and groove nuts using a 4 mm hex wrench. Do not use the Towel Holder for heavy objects as this can cause damage to it.

