



## Concealed (hidden) Handle



Wim V

[VIEW IN BROWSER](#)

updated 4. 1. 2023 | published 4. 1. 2023

### Summary

An ingenious handle, hidden when not in use.

[Household](#) > [Other House Equipment](#)

Tags: [handle](#) [doorhandle](#) [hidden](#) [drawerhandle](#)  
[cabinethandle](#) [drawercabinet](#)

Just a printable model of a concealed handle which I saw flashing by on Aliexpress.

I thought it would be fun to print these yourself.

So now you don't have to wait for delivery and you can choose your own colors..

Also added a 2nd plate with sunken holes for Ø4 screws.

See attached drawing for installation dimensions and rectangular hole to be made.

Update 04-01-2023:

**Magnets for locking in place.**

I have added a version for use with small magnets to lock the handle in place. When using, you have to apply a little more force to operate the handle, when it is at rest it will remain in place.

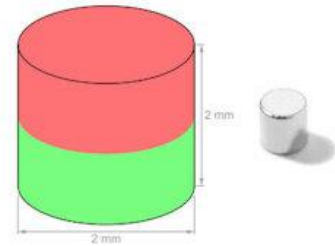
3 magnets of  $\varnothing 2 \times 2 \text{ mm}$  are required. One in the handle and 2 in the plate.

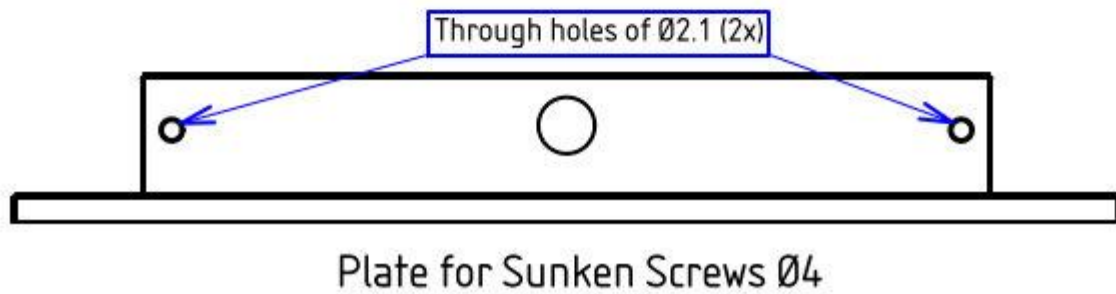
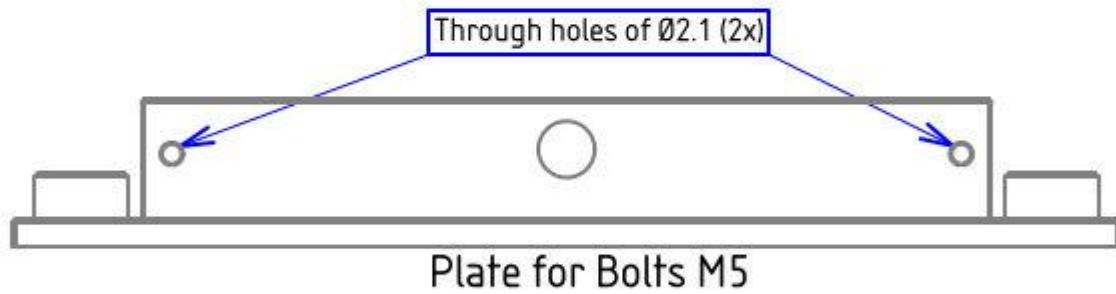
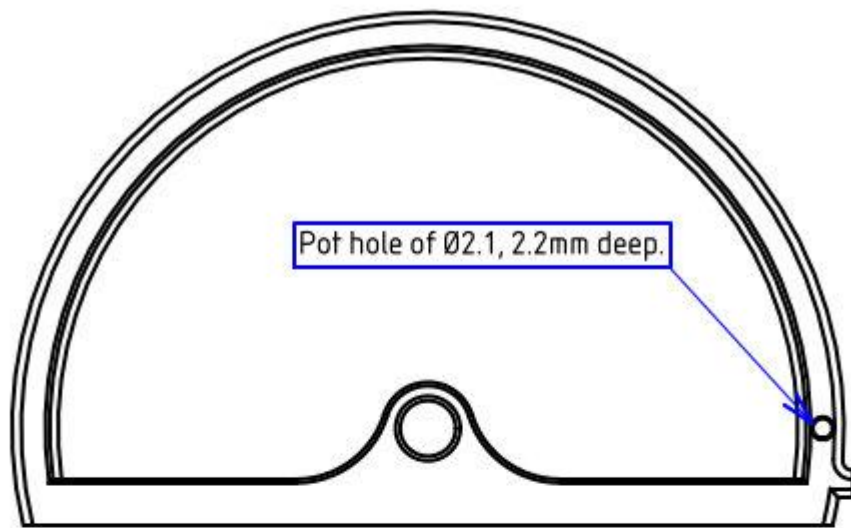
When the handle is rotated, the magnet moves into the rotated position opposite the other magnet in the plate.

The magnets are placed slightly offset in the plate (-0.5mm) so that the attraction of the magnets pulls the handle against the mechanical blocking.

Mount the magnets with a small amount of glue so that they cannot come loose during use.

During use, the magnets and holes remain completely out of sight because they remain behind the plate.





## Model files



handle.stl



**plate-for-bolts-m5.stl**

---



**axle-o6.stl**

---



**backplate-4mm-for-m5.stl**

---



**plate-for-sunken-screws-o4.stl**

☐ For front montage

---

**handle-magnet-o2x2.stl**

---

**plate-for-bolts-m5-2x-magnet-o2x2.stl**

---

**plate-for-sunken-screws-o4-2x-magnet-o2x2.stl**

## License

This work is licensed under a  
[Creative Commons \(4.0 International License\)](https://creativecommons.org/licenses/by/4.0/)



### Attribution

---

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition

