



# Magnetic Coupler



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## Summary

A strong magnetic coupler

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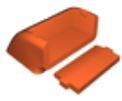
Tags: [magnet](#) [detachable](#) [coupler](#) [attachment](#) [removable](#)

A magnetic coupler housing designed for strong magnets (19.2 x 9.1 x 4.5mm). I saw many such couplers but none of them is strong enough for my need.

This design uses gummy double-sided tapes inside to fix the strong magnet in place (top, bottom and back). It provides a bit of cushioning for frequent impacts. I used ~0.5mm thick tapes which worked very well. You can also use soft glue if preferred.

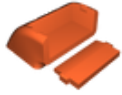
**Important:** make sure the 2 magnets **attract each other** before fixing them in the housing! 😊

# Model files



## magnet-housing.stl

☐ no screw holes



## magnet-housing-screws.stl

☐ with 2.5mm screw holes

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