

Application No. 463: Wooden panel as dining table

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This application saves space - not just for campers

We own a camper and although we don't want to bring a camping table with us, we still would like to eat outdoors. My space-saving solution works well for two people.

I used a metal hinge to screw a laminated wooden panel to the backside of the kitchen cabinet. Then I screwed three CSN-25 (www.supermagnete.de/eng/CSN-25) pot magnets (four might have been even better) close together to the bottom side of the panel.



I can hook up an iron table leg to these magnets, fold down then panel and use it as a dining table (see photo below). Thanks to the table leg, the panel can take quite some weight.



Breakfast at sunrise - here we come.

You can easily remove the table leg when you are done and store it in the vehicle.



I embedded a CSN-ES-16 (www.supermagnete.de/eng/CSN-ES-16) pot magnet in the top side of the panel and used a metal disc 23 mm (www.supermagnete.de/eng/MD-23) as counterpart on the kitchen cabinet, so the panel is secured when folded up (see photo above).



Note from the supermagnete team: Since a pot magnet is embedded in the table top, you need to keep electronic devices away to avoid damages. Please review of safety tip (www.supermagnete.de/eng/safety-neodymium#field).

Articles used

- CSN-25: neodymium pot magnet Ø 25 mm with countersunk hole (www.supermagnete.de/eng/CSN-25)
- MD-23: metal discs with countersunk hole Ø 23 mm (www.supermagnete.de/eng/MD-23)
- CSN-ES-16: neodymium pot magnet Ø 16 mm with countersunk hole (www.supermagnete.de/eng/CSN-ES-16)
- MD-18: metal discs with countersunk hole Ø 18 mm (www.supermagnete.de/eng/MD-18)
- CSN-ES-20: neodymium pot magnet Ø 20 mm with countersunk hole (www.supermagnete.de/eng/CSN-ES-20)
- CSN-20: neodymium pot magnet Ø 20 mm with countersunk hole (www.supermagnete.de/eng/CSN-20)
- ZTN-25: neodymium pot magnet Ø 25 mm with counterbore hole (www.supermagnete.de/eng/ZTN-25)
- FGN-20: neodymium glue-in pot magnet Ø 20 mm (www.supermagnete.de/eng/FGN-20)
- FGN-25: neodymium glue-in pot magnet Ø 25 mm (www.supermagnete.de/eng/FGN-25)
- CS-S-34-04-N: Disc magnet Ø 34 mm, height 4 mm (www.supermagnete.de/eng/CS-S-34-04-N)

Online since: 14/03/2011

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