

Application No. 543: Board for magnet storage

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How do I store all of my strong magnets?

If you frequently use different magnets, you get to the point where storage becomes an issue.

First option: Leave all magnets in the packaging that they were delivered in. That seems like a safe bet, but you don't really see the magnets when you need one and you're still determining which one would be most suitable. Also, it's almost a shame to keep magnets under wraps like that. They are beautiful after all :-)

Second option: Put all magnets on a table or shelf. But everyone who owns strong magnets knows that this is not a good idea.

Third (my) option: Make a special board to safely store your magnets!

Material needed:

- Steel plate 600 x 300 mm, 2 mm thick
- Felt 600 x 300 mm, 5 mm thick
- 2 countersunk screws

Assembly

I drilled two holes with a diameter of 5 mm into the metal plate and put a countersink in each of them. Then, I glued the felt on the side with the countersink. Now, I only had to screw two countersunk screws into the wall and hang up the plate.

Now, I can put my magnets on the felt.

The photo illustrates the mounting principle with a small piece of iron. In reality, I drilled and countersunk the big steel plate, of course.



Backside of the board



Here the magnets that are on the photo:

- Piggy (www.supermagnete.de/eng/ANI-02)
- Hippo (www.supermagnete.de/eng/ANI-10)
- S-15-08-N (www.supermagnete.de/eng/S-15-08-N)
- S-20-10-N (www.supermagnete.de/eng/S-20-10-N)
- Q-10-10-05-N (www.supermagnete.de/eng/Q-10-10-05-N)
- Q-15-15-08-N (www.supermagnete.de/eng/Q-15-15-08-N)
- Q-20-20-10-N (www.supermagnete.de/eng/Q-20-20-10-N)
- W-12-N (www.supermagnete.de/eng/W-12-N)
- K-10-C (www.supermagnete.de/eng/K-10-C)
- K-19-C (www.supermagnete.de/eng/K-19-C)



The memo holders need to be stabilised on blocks, so they won't fall off.

All magnets stick well to the 2 mm of steel and 5 mm of felt. However, you can easily remove them from the board.



Note from the supermagnete team: You can also put your magnets directly on a steel plate (without felt), but then they are less protected and harder to remove.



Articles used

S-15-08-N: Disc magnet Ø 15 mm, height 8 mm (www.supermagnete.de/eng/S-15-08-N)
S-20-10-N: Disc magnet Ø 20 mm, height 10 mm (www.supermagnete.de/eng/S-20-10-N)
Q-20-20-10-N: Block magnet 20 x 20 x 10 mm (www.supermagnete.de/eng/Q-20-20-10-N)
Q-15-15-08-N: Block magnet 15 x 15 x 8 mm (www.supermagnete.de/eng/Q-15-15-08-N)
Q-10-10-05-N: Block magnet 10 x 10 x 5 mm (www.supermagnete.de/eng/Q-10-10-05-N)
K-19-C: Sphere magnet Ø 19 mm (www.supermagnete.de/eng/K-19-C)
K-10-C: Sphere magnet Ø 10 mm (www.supermagnete.de/eng/K-10-C)
ANI-02: Piggy (www.supermagnete.de/eng/ANI-02)
ANI-10: Hippo (www.supermagnete.de/eng/ANI-10)
W-10-N: Cube magnet 10 mm (www.supermagnete.de/eng/W-10-N)

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