

## Application No. 348: Remove iron filings from magnets

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### How do I remove iron filings from my magnets?



It is fascinating to experiment with magnets (in the picture: THE GIANT ([www.supermagnete.de/eng/Q-25-25-13-N](http://www.supermagnete.de/eng/Q-25-25-13-N))) and iron filings ([www.supermagnete.de/eng/M-22](http://www.supermagnete.de/eng/M-22)). But who ever tried to remove iron filings (or small splinters of other magnets) from magnets will know that this can be very cumbersome. I found a simply solution:



Magnet full of iron filings

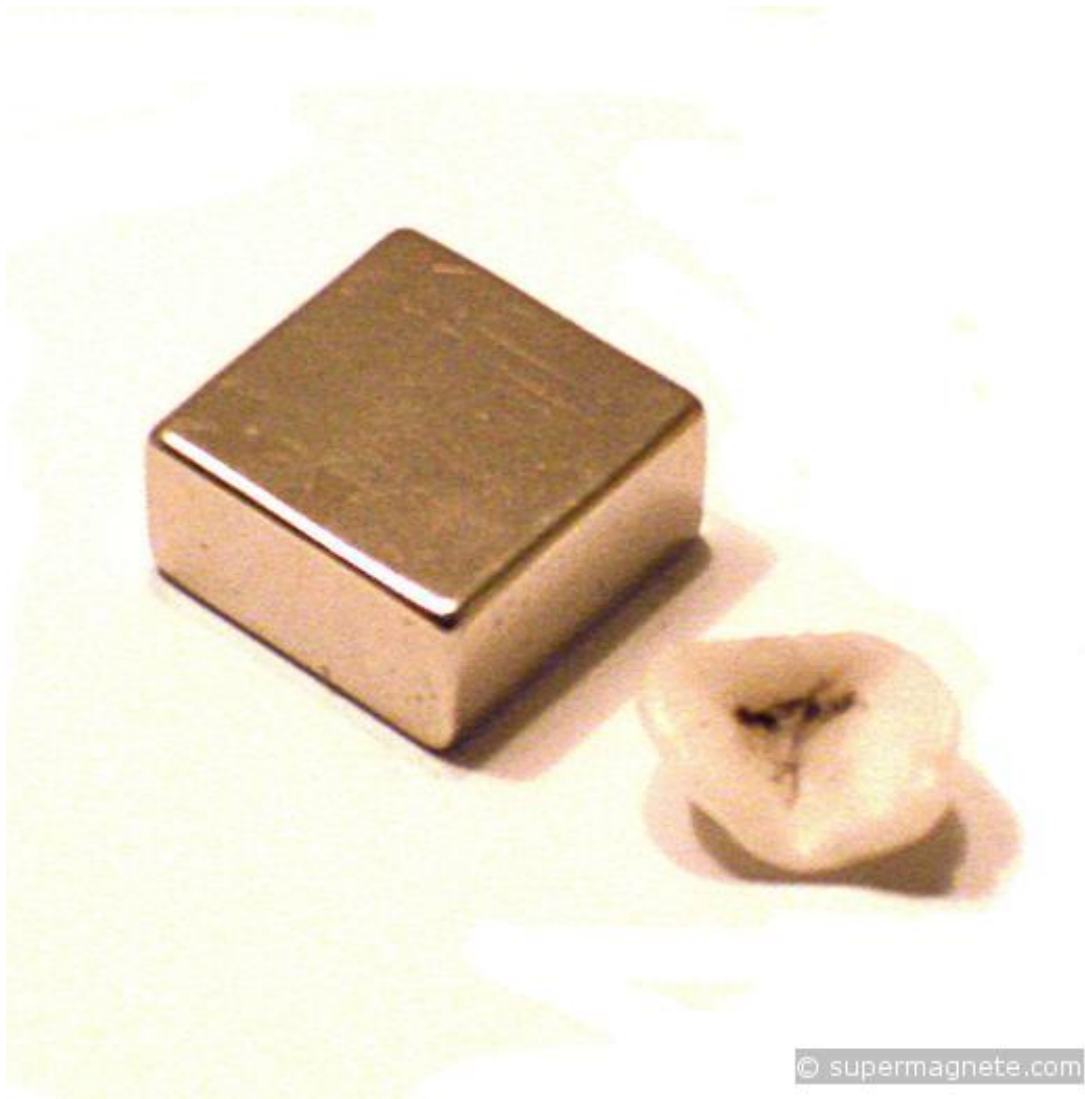
1. Let candle wax drip onto a piece of paper.
2. Knead the wax while still warm.
3. When you press the wax onto the magnet, the filings stick to the wax.



**4.** Repeat steps 1 through 3 until all filings are removed.

**5.** Finally, you can use a tissue or rag to free the magnet from the wax.

Caution: The hot wax must not be dripped directly onto the magnet since the heat would cause it to lose its magnetic power!



Clean separation: All filings are in the wax, the magnet is blank again.

Addition from the supermagnete team: You can also use adhesive tape to remove iron filings from a magnet.

### Articles used

Q-25-25-13-N ([www.supermagnete.de/eng/Q-25-25-13-N](http://www.supermagnete.de/eng/Q-25-25-13-N))

M-22 ([www.supermagnete.de/eng/M-22](http://www.supermagnete.de/eng/M-22))

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