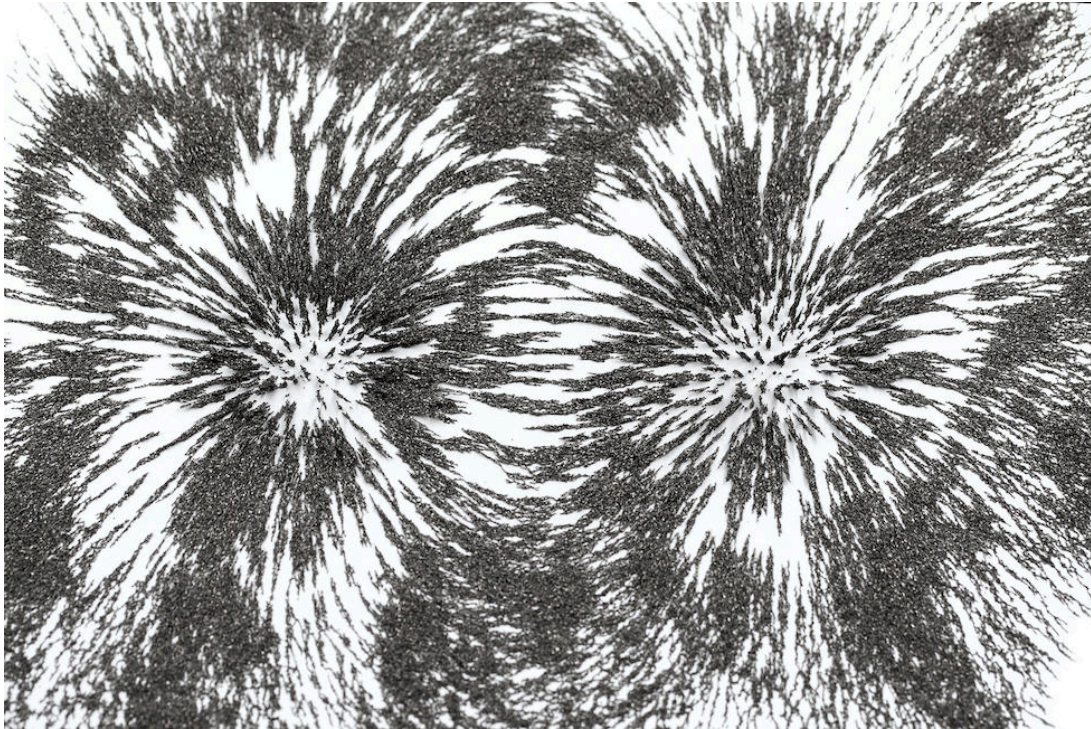


Application No. 348: Remove iron filings from magnets

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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.fr/eng/Q-25-25-13-N)) and iron filings (www.supermagnete.fr/eng/M-22). But anyone who ever tried to remove iron filings (or small splinters of other magnets) from a magnet after the experiments knows that this can be a very tedious task. I have found a simple 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 step 1 to 3 until all filings have been removed.



Clean removal: all filings are now embedded in the wax and the magnet is clean again

5. As a final step, you could use a tissue/rag to clean the wax off the magnet.

Caution: Never drip the hot wax directly onto the magnet as the heat would result in a loss of magnetic force!



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: Block magnet 25,4 x 25,4 x 12,7 mm (www.supermagnete.fr/eng/Q-25-25-13-N)

M-22: Iron filings (www.supermagnete.fr/eng/M-22)

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