

## Application No. 406: Catching bore chips

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### Bore chips cling to the magnet - and to nothing else

When drilling iron, filings quickly become a problem - they fly around everywhere and can get into your eyes, which is very dangerous.

But if you place a super magnet right next to it, it attracts all filings.

In the picture: A S-10-10-N ([www.supermagnete.de/eng/S-10-10-N](http://www.supermagnete.de/eng/S-10-10-N)) disc magnet covered in filings.

For better viewing I didn't wrap the magnets. I recommend, however, wrapping magnets in paper or plastic, which makes it easier to remove filings later.

In the picture: A R-27-16-05-N ([www.supermagnete.de/eng/R-27-16-05-N](http://www.supermagnete.de/eng/R-27-16-05-N)) ring magnet covered in filings.



YouTube Video: [www.youtube.com/watch?v=Y2xWfTx3rDg](http://www.youtube.com/watch?v=Y2xWfTx3rDg)

Note from the supermagnete team: If iron filings stick to magnet too strongly, we recommend application "Remove iron filings from magnets" ([www.supermagnete.de/eng/project348](http://www.supermagnete.de/eng/project348)).

### Articles used

1 x R-27-16-05-N: Ring magnet Ø 26,75/16 mm, height 5 mm ([www.supermagnete.de/eng/R-27-16-05-N](http://www.supermagnete.de/eng/R-27-16-05-N))

1 x S-10-10-N: Disc magnet Ø 10 mm, height 10 mm ([www.supermagnete.de/eng/S-10-10-N](http://www.supermagnete.de/eng/S-10-10-N))

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