



Drill dust collector - Bohrstaubfänger

P **Peter**

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Summary

This is a simple drill dust collector.

[Hobby & Makers](#) > [Tools](#)

Tags: [drill](#) [collector](#) [vacuum](#) [dust](#)

Summary

This is a simple drill dust collector. Center size is 11mm with alignment cutouts. Print both parts. 0,2mm should be fine and glue the two parts after cleaning the supports.

20.7.23 I had an idea how to get rid of the print issue which had an unbelievably easy fix: a new step level - fits perfect in my print. The only issue left is the untidy print underside where the supports are. Maybe someone knows how to fix this?

9.7.23 Major Update: split Version available. I printed it. It is now 3mm thick. I had issues with the interlocking pins that didn't clean up good from the supports. Maybe someone has an idea how to enhance the print in this regard?

17.7.23: I split the model and will try to print it today.

This is my first 3d object made from scratch in Fusion360.

This is an improved version of <https://www.thingiverse.com/thing:5665116> which can't be remixed because the author doesn't provide his file.

The horizontal lines have 5mm spacing and the material width is 1,5mm - not sure whether this is sufficient.

I haven't printed it yet. I will probably make the scoop part an extra part for optimized support placement - but don't hold your breath for now.

Model files



1_of_2_cover_drill_dust_collector.stl



2_of_2_cover_drill_dust_collector.stl



single_part_drill_dust_collector.stl



drill_dust_collector_-_bohrstaubfaenger.f3d

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