



Desktop Dustpan & Brush



BC Designs

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Summary

Desktop dustpan and brush

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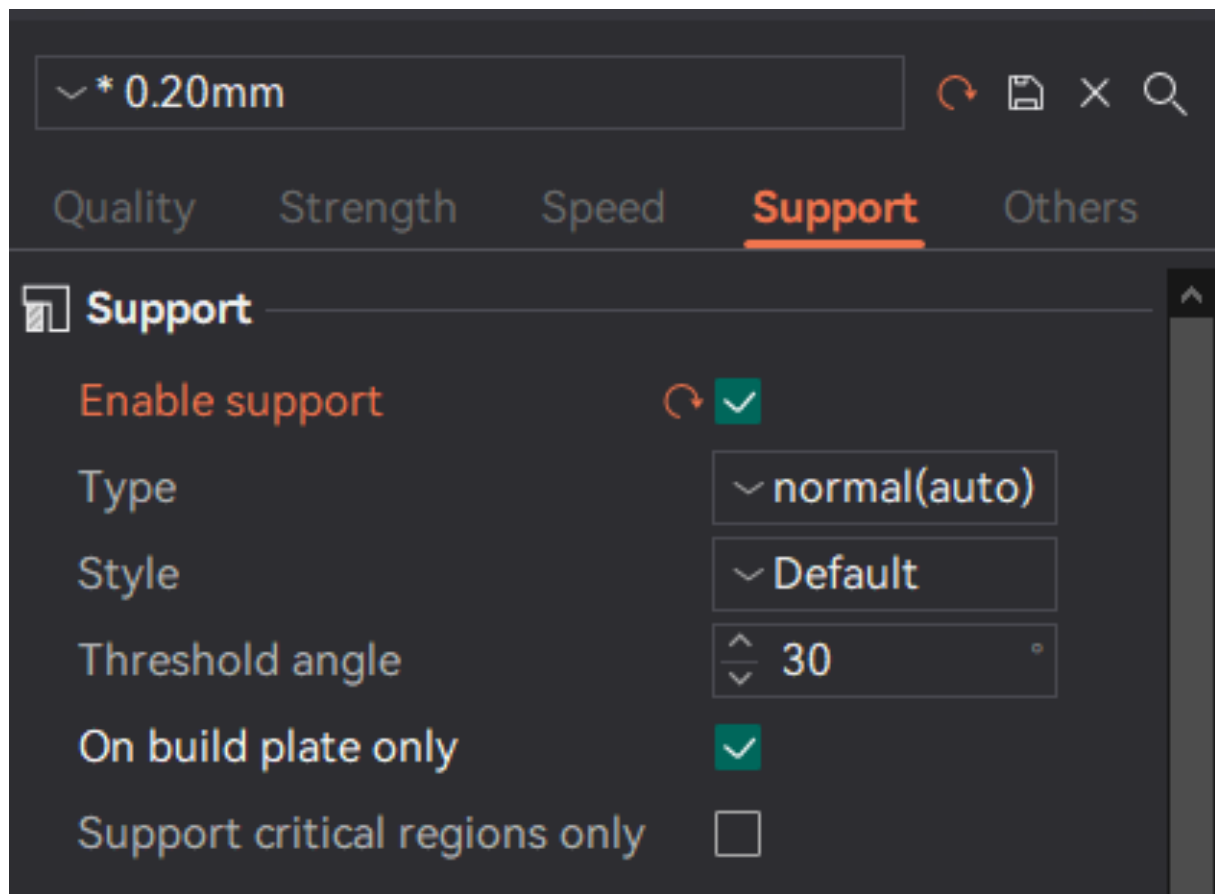
A desktop dustpan and brush, designed mainly for scooping out the odd bits of filament in enclosed printers like the X1C.

Note model requires TPU - I used eSUN TPU-95a.

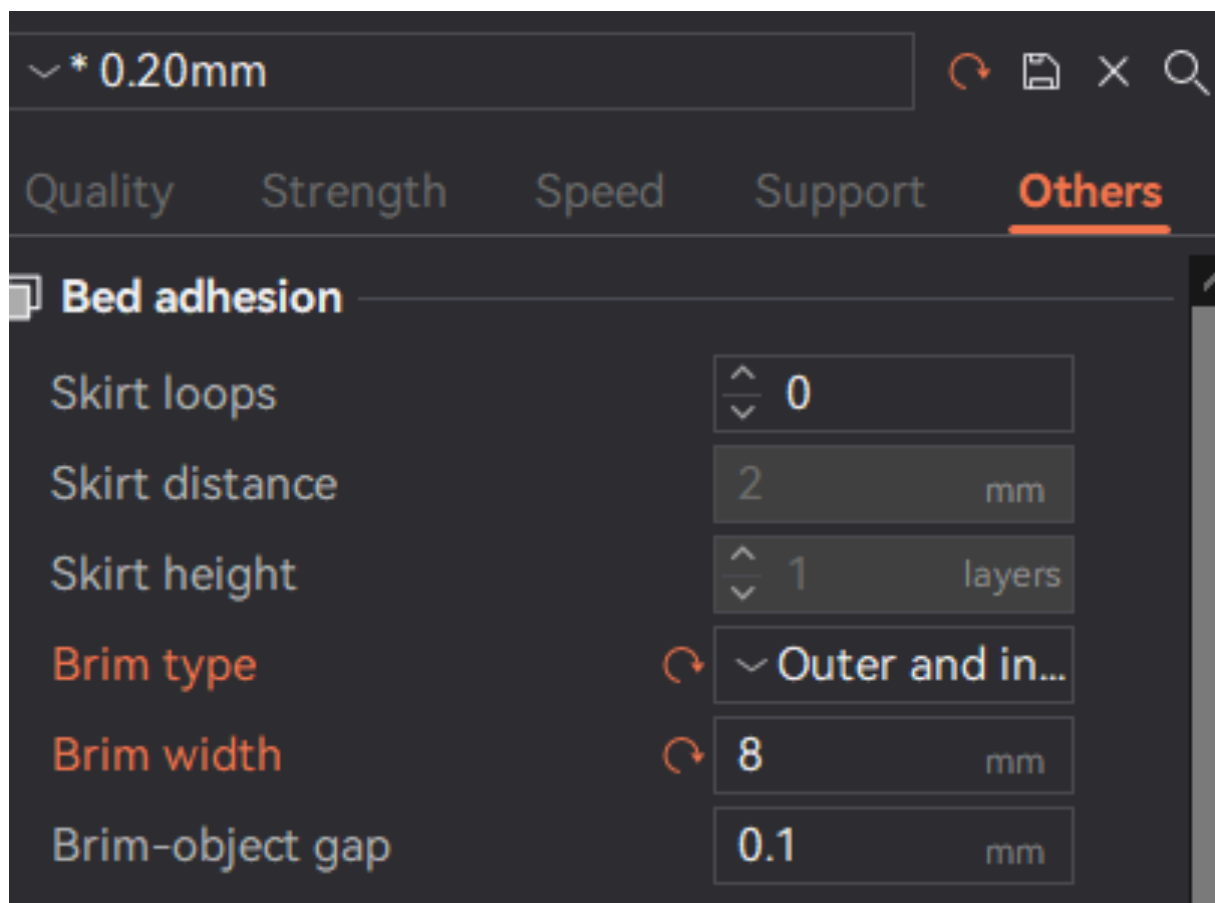
Magnets required are 8mm x 2.75mm or 8mm x 3mm, measure beforehand so you print the right models. 6mm magnets are not strong enough, buy some 8mm ones :)

Print settings

Print the Dust pan in PLA @ 0.20 with support as below, support are just for the magnet holes:



Print the Handle in PLA @ 0.20 with NO SUPPORTS but with a brim:



Print the TPU Brush End.stl in TPU as the model imports @ 0.16. No supports. Have faith. PEI sheet works well here as TPU stick very well.

Installation:

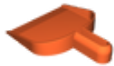
- Pop the supports out of the Dustpan and insert magnets into the 2 holes. Glue if needed.
- Insert magnets into the Brush Handle, Glue if needed.
- Add a magnet to the Dustpan where the Brush joins, making sure the polarity is correct :)
- Insert the TPU “bristles” into the Brush Handle, add a blob of super glue mid way if you need a tighter fitting.
- Attach to side of printer when not in use.
- Rejoice while cleaning the bottom of your 3d printer :D

All my models are free to download and remix as you see fit, however if you would like to support me please take a look at my Printables Club where [all my Fusion360 design files](#) are available to Club members.

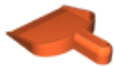
Model files



brush-handle-8mm-x-275mm.stl



dust-pan-8mm-x-275mm.stl



dust-pan-8mm-x-3mm.stl



brush-handle-8mm-x-3mm.stl



tpu-brush-end.stl

☐ Fits all magnet sizes.

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