



Bosch 1617 Dust Boot with Air Diverter for CNC Router Fusion 360



ECF

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Summary

Dust boot for Bosch 1617 router with air diverter and magnetic dust ring. 4" and 3" vacuum hose adapters are included....

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[f360](#) [bosch1617](#)

Dust boot for Bosch 1617 router with air diverter and magnetic dust ring. 4" and 3" vacuum hose adapters are included.

The air diverter (center section) can be omitted if not needed. In that case, use M6x16mm bolts instead of the M6x35mm listed below.

This project was created in a hurry so the Fusion timeline is probably a mess. I never had time to go back and clean it up. If you have any questions, please leave a comment.

Fusion 360 archive and STEP files are in the download package.

Parts required:

10 x 5mm magnets - Qty 4

M5 x 15mm Socket Head Cap Screws - Qty 8 <https://www.mcmaster.com/products/bolts/alloy-steel-socket-head-screws-8/length~15mm/?s=m5+bolts>

M6 x 35mm Socket Head Cap Screws - Qty 4 <https://www.mcmaster.com/catalog/129/3495/96144A135?s=m6+bolts>

7/32" Wide x 3/16" High Backing Brush Strip. I used the 3" version but you may find 2" works for you. <https://www.mcmaster.com/catalog/129/1551/7900T2>

Hose Clamp 1/2" Band Width, 2-13/16" to 3-3/4" Clamp ID. <https://www.mcmaster.com/catalog/129/330/5415K25>

I added McMaster Carr links for the bolts just for reference. I'm sure you can find them much cheaper on Amazon or other online retailers.

Print Settings

Printer:

Railcore II Custom

Rafts:

No

Supports:

No

Resolution:

.20

Infill:

15%

Filament:

Sunlu PLA+

Category: Machine Tools

This remix is based on



Bosch 1617 Dust Boot with Air Diverter

by HDVideo

Model files



clamp_ring.3mf



clamp_ring.stl



top_1.3mf



4_inch_hose_adapter.stl



brush_ring.3mf



top_1.stl



center.stl



bosch_1617_dust_boot_v59.step



center.3mf



brush_ring.stl



4_inch_hose_adapter.3mf



3_inch_hose_adapter.3mf



bosch_1617_dust_boot_v59.f3d



3_inch_hose_adapter.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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