



## IMPROVED dust collection for AEG MF1400KE / Rigid R22002 router



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## Summary

Dust collection insert for AEG MF1400KE / Rigid R22002 router base

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When building my router table, I had to modify the dust collection connector on the fixed router base of my AEG MF1400KE router (identical to Rigid R22002, all made by TTI in China) so the hose comes off at an angle and doesn't interfere with the hole in the router table.

This is the improved version that separates the cooling air coming from the router motor from the dust collection air stream. This way, the dust collector is not overloaded by the cooling air and chip collection is GREATLY improved.

This connector just slides into the base and gets held down by the router table insert plate, which, in my case, is about 8 mm thick. If your insert plate has different dimensions, you can modify the STEP file accordingly.

The segment around the router shaft (Verlängerung) was a bit of an afterthought - it goes on with a bit of superglue, further improves separation of the air streams and prevents the router from bumping into the dust collection adapter when it's in its upmost position.

The dust collector connection fits a DN40 standard hose and works fine with @MariusHornberger 's clever hose clamp (see my makes).

## Model files



**korb-absaugung-verlangerung.stl**



**korb-absaugung-neu.stl**



**korb-absaugung-neu.stp**

[Find source .stl files on Thingiverse.com](#)

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