



## Collapsing Ring Box



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### Summary

Mostly print in place collapsing ring box to make carrying an engagement ring around easier.

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I've always thought typical ring boxes were too thick and cumbersome, so when it came time to propose to my girlfriend, I decided to model a ring box that held the ring sideways and sat the ring up when opened.

The ring box works fine to print in place on my Prusa, but YMMV with the existing tolerances.

The linkage prints separately, and clips into place pretty easily.

The spot for the ring is sized to the ring I'm using, so for most thinner rings you should be able to get away with just resizing the hole in the popup.

There may be a bit of crunching upon opening if you don't remove the material that'll stay behind in the hinges, but I was able to remove enough to get a silent opening with a bit of patience.

I also designed a carrying case to keep things a bit more discrete and secure.

## Model files



**collapsable-ring-box.obj**



**carrying-case.obj**



**ring-backup.obj**

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