



Ring Case (parametric)

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VIEW IN BROWSER

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Summary

A safety case for a (wedding) ring if need to be removed. Fits on a small carabiner.

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[weddingring](#)

The freecad-file is parameterized by inner and outer diameter of the ring as well as height (the length of the tube). Print is scaled 0.5mm bigger in each direction (inner, outer and height) , thread has 0.3mm slack
I printed in Multicolor PLA and use NO-CLIMBING-Carabiners (e.g. <https://amzn.to/3HiQSSj>) for fixture

Outer case dimensions depend 100% on the outer diameter of the ring, inner diameter for the carabiner depend on the inner diameter of the ring.

The space of the inner tubing and the threads is designed as follows: 1mm inner tube from inner case + 1mm inner+outer thread + 1mm inner tube from outer case = 3 mm from diameter space available for carabiner to diameter space available for ring

Model files

ringcase.fcstd

ringinner60.stl



ringouter60.stl



ringcase60.3mf



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