

# The Ellipse Mechanism



JBVCreative

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## Summary

A fully 3D printed mechanism that uses an interesting motion to create perfect ellipses (ovals)

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This download includes everything you need to make your own Ellipse mechanism! Designed to hold a Sharpie marker.

**This video** shows how it goes together.

Recommended print settings:

Layer Height: 0.2mm

Nozzle: 0.4mm

Infill: 15-18%

Total print time: 3h

Prints on pretty much all machines!

**\*\*All the files have been pre-oriented to save you some set up time! All you need to do is drop the parts into your slicer and hit print!**

If you would like to support the creation of more engineered art, please consider joining the [JBVCreative patreon](#)

## Model files



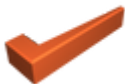
**slider-pieces.stl**



**circle-pieces.stl**



**centre-piece.stl**



**sharpie-wedge.stl**



**7mm-c-clamps.stl**



**ellipse-arm.stl**



**full-layout-2h-40m-40g.stl**

## Other files



print-and-assembly-instructions.txt

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