



## Mechanical pencil support for BM2 erasers.



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### Summary

Made this to use the refills of my broken eraser mechanical pencil.

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I made this to use the refill of my broken pencil

They can be bought all over the internet under the name BM2:

<https://www.amazon.com/s?k=bm2+eraser+refill>

It works by rotating the cap which moves the eraser in and out.

I included the source file in case tolerances need to be adjusted for your printer/eraser.

There is also a folder in the src which includes removable supports to make the core easier to print

# Model files



**core.stl**

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**screw.stl**

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**body.stl**

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**mech-eraser.f3d**

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**core-supported.stl**

☐ Same as the core but easier to print, needs post processing to remove the supports.

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