



Twist-Erase Pencil Guard



CaptainTightPants

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Summary

This is a guard to protect the delicate led holder and the end of a Twist-Erase mechanical pencil.

[Household](#) > [Office](#)

Tags: [pencil](#) [guard](#) [protector](#) [mechanicalpencil](#)

This is a guard to protect the delicate led holder on the end of a Twist-Erase mechanical pencil. I made it to prevent damage to the tip while it is in my work back-pack. The tip goes into a cavity in front and then clips onto the body of the pencil. I printing it on a 45deg angle with organic supports so that the layers are optimal in both directions. If you print it vertically, your layers make it weak on the connecting body, and if you print it horizontally it's weaker on the clip end. I did add a support blocker in my slicer to prevent supports from going into the body of the print, as they are not needed. (See screenshots)

Model files



pencil-guard_01.stl

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