

Compliant Two-Axis Linear Positioner



Maxim7745

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updated 7. 4. 2023 | published 7. 4. 2023

Summary

Fun little demonstration of compliant mechanisms. Allows motion in X and Y while resisting rotation.

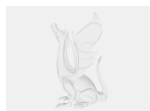
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This model demonstrates compliant mechanisms (modeled from a diagram I saw online). Allows motion in X and Y while resisting rotation. Has a handle to make trying it out easier. Attach it with sixteen screws to a flat backing.

Probably a good idea to print the outer walls first.
Step model is included to allow for easy customization.

Model files



compliant-positioner.step

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