

# Spinning top

Original creator : unknown

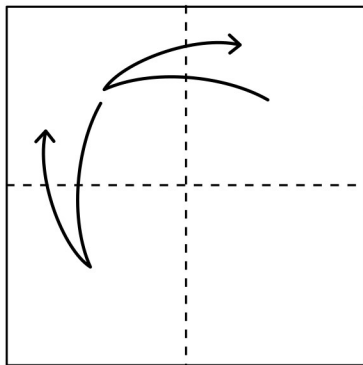
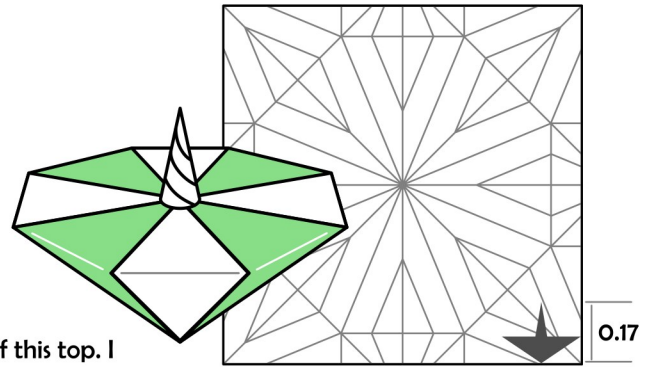
Diagram : Stéphane Gérard (11/2014-08/2015)

Recommended size : 15x15 cm (6x6 inches)

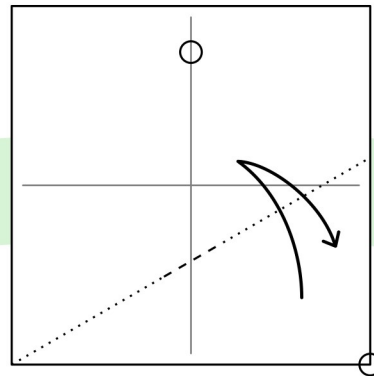
Duo paper

Anna Kastlunger, then Yves Clavel taught me this model. Its original creator remains unknown to me, but it is usually named after Manpei Arai, who taught it in Europe.

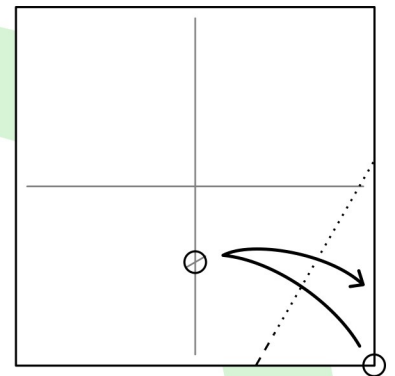
Through time, I encountered several diagrams and a few videos of this top. I kinda combined all of them, as well as the ways Anna and Yves taught it to me.



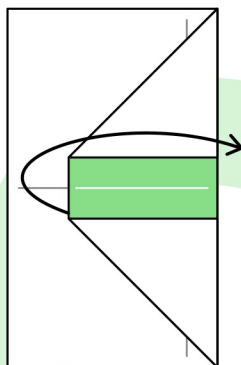
1. The handle will be white.



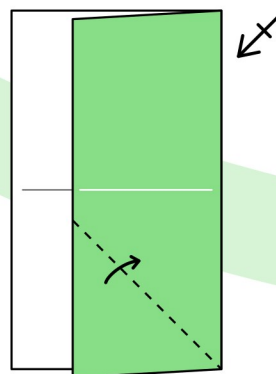
2.



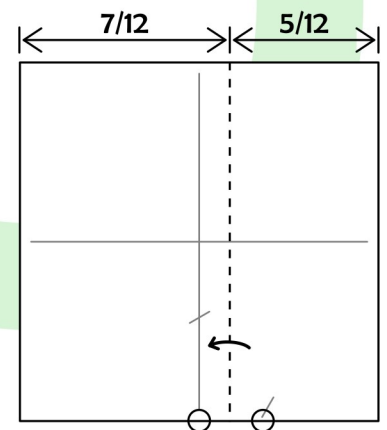
3. Pinch at one third.



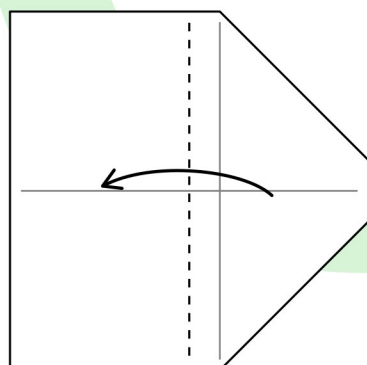
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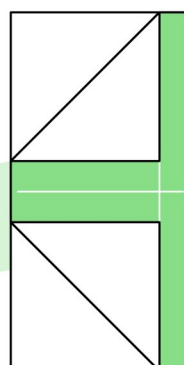
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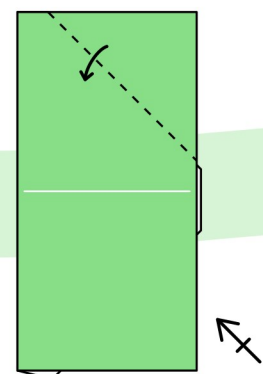
4.



7. Fold in half.

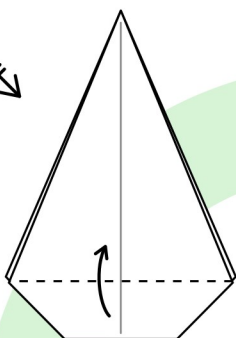


8.

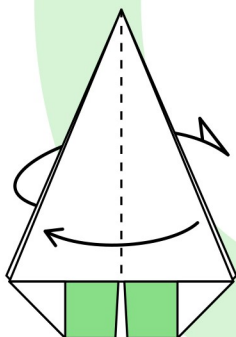


9. Use the edge behind as a guide.

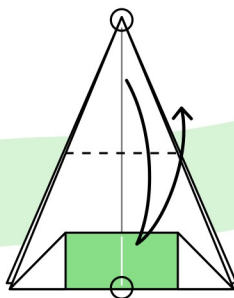




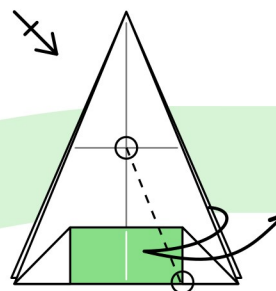
16.



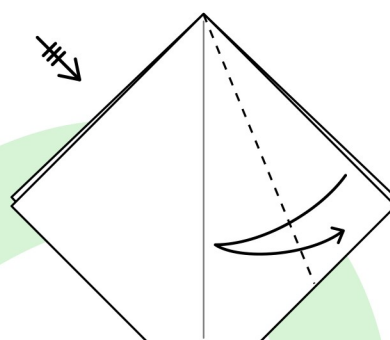
15. Fold one flap to the left. Repeat behind.



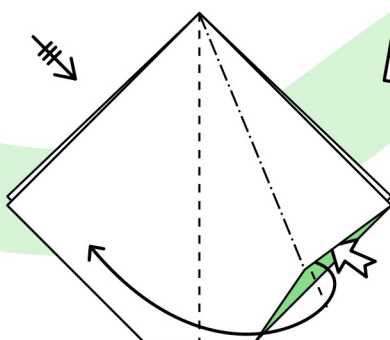
17. Fold through all layers then unfold.



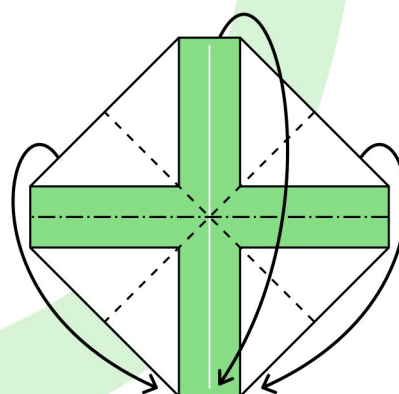
18. Crease (one layer only). Repeat behind.



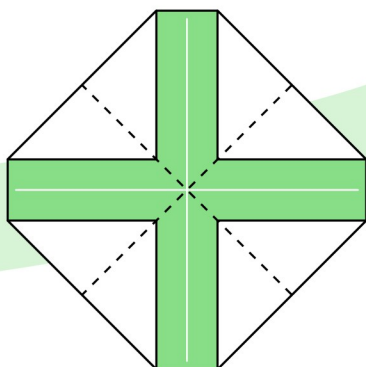
13. Crease. Be careful that the paper inside the model doesn't shift.



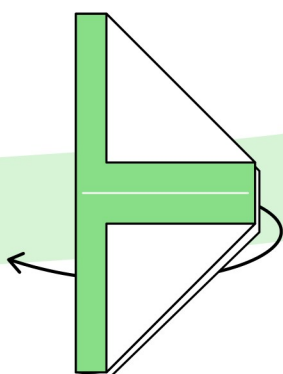
14. Squash fold.



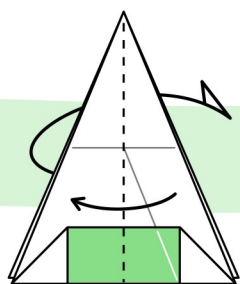
12. Fold like a preliminary base.



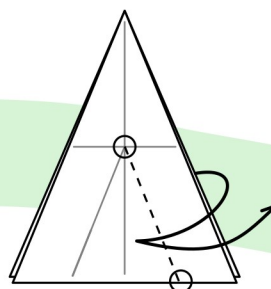
11. Add valley folds.



10. Fold the rear flap back.

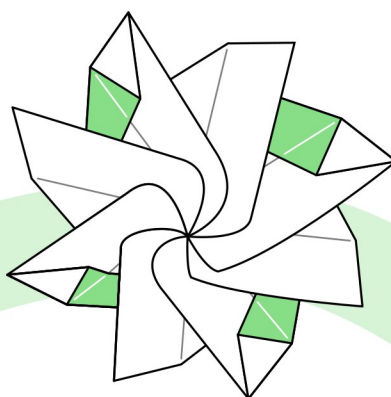
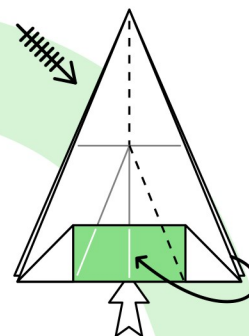


19. Fold one flap to the left. Repeat behind.

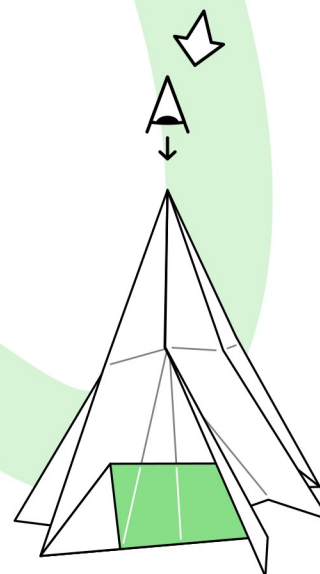


20. Repeat 17-18 three times.

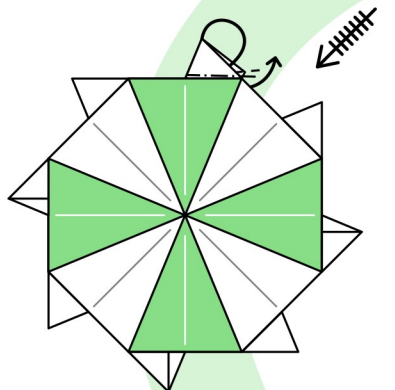
21. Start distributing the flaps. The model will be 3D.



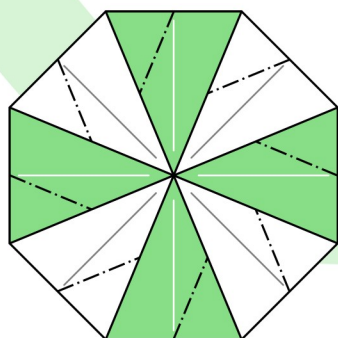
23. Twist the flaps clockwise, while holding the spinning-top in the palm of your hand.



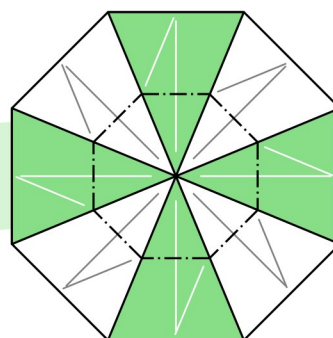
22. In progress. Next view will be from the top. Take a peek at step 29' to see how the handle should look like.



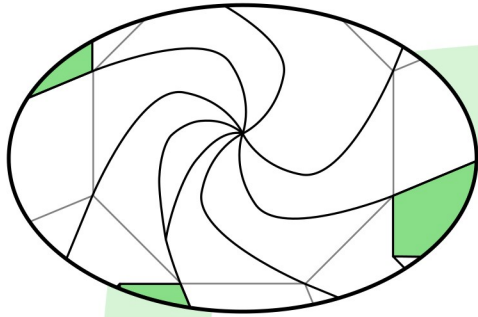
24. Inside reverse-folds.



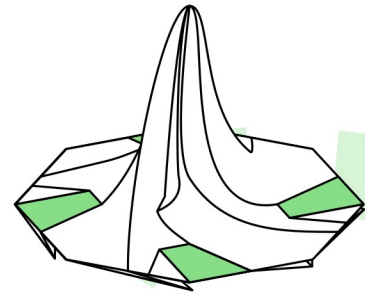
25. Precrease. Use the edges behind as guides.



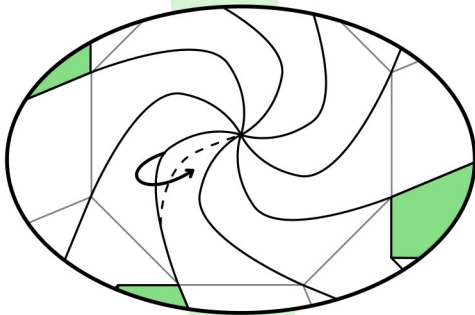
26. Precrease.



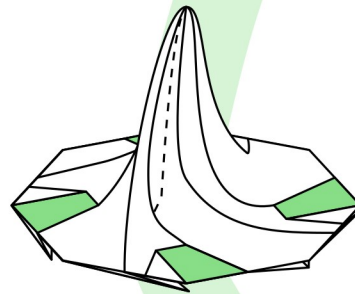
31. Like this. Approximately. Repeat seven times on the remaining flaps. This will thin and lock the handle.



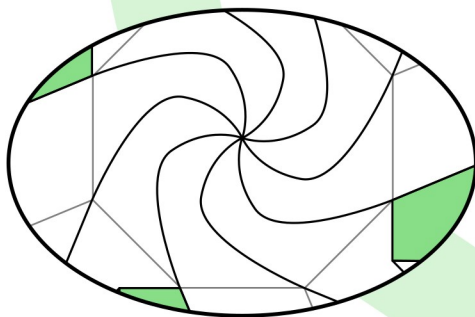
31'.



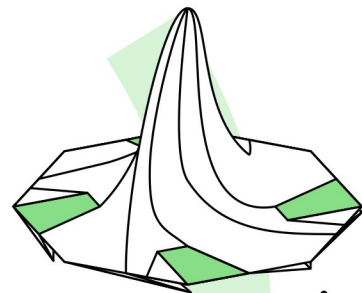
30. Fold a flap over. There is no reference here.



30'.



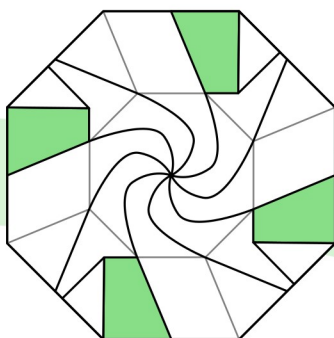
29.



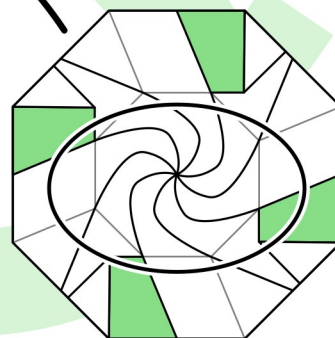
29'.

View from  
the top

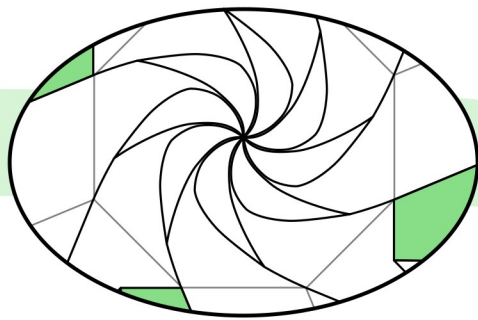
View from  
the side



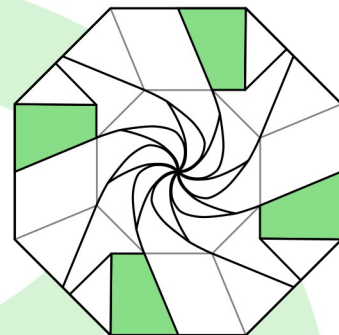
27.



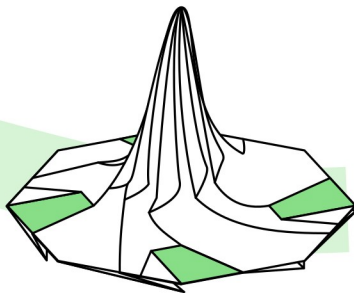
28. Zoom in.



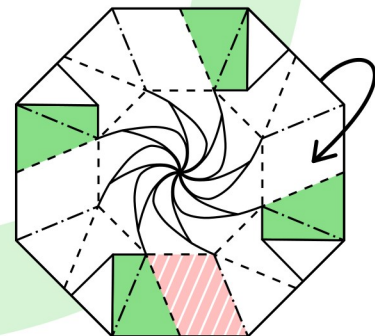
32. Zoom out.



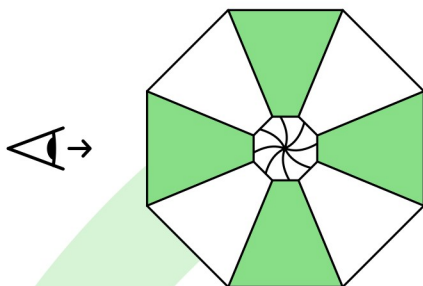
33. View from top.



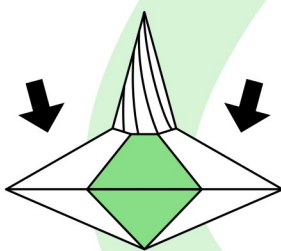
32'.



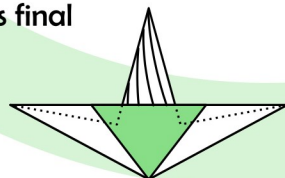
34. Fold up and interlock the border. Rhombi will tile one on another, and circle around the handle.



35. Almost there. Next step will be seen from the side.



36. Push gently on the side to give the spinning-top its final shape.



37. Like this. Continue thinning the handle by twisting it and...



Spin it !