

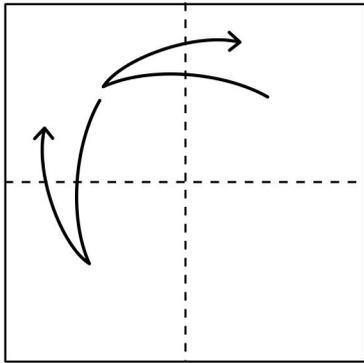
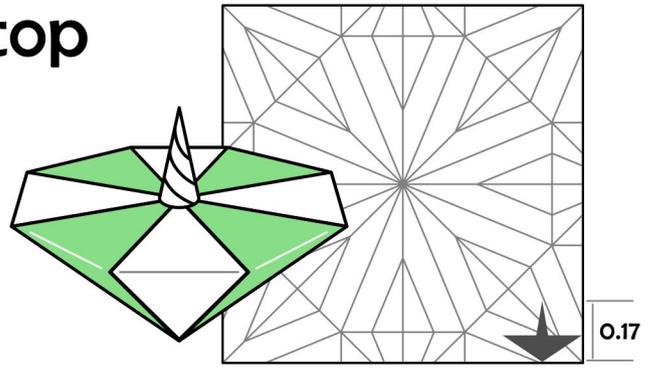
Manpei Arai's spinning top

Original creator : unknown

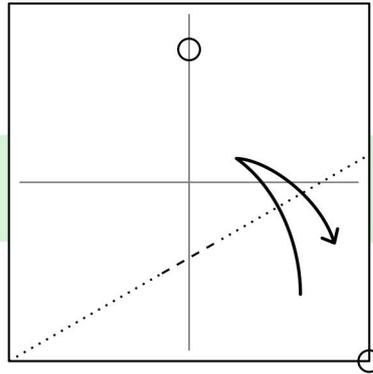
Diagram : Stéphane Gérard (11/2014-08/2015)

Recommended size : 15x15 cm (6x6 inches)

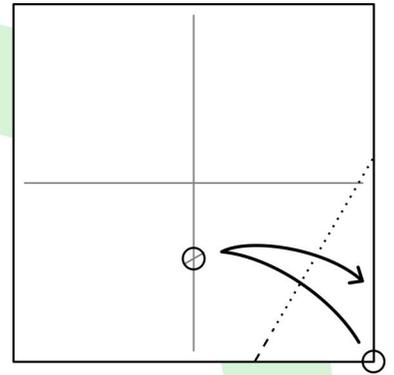
Duo paper



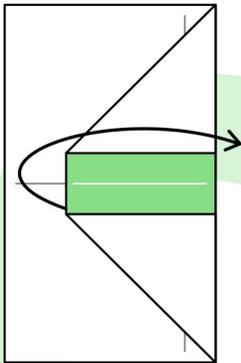
1. The handle will be white.



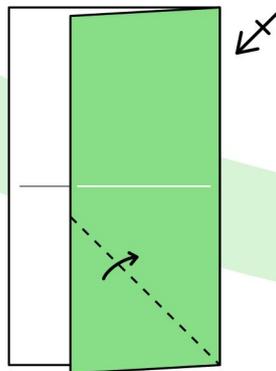
2.



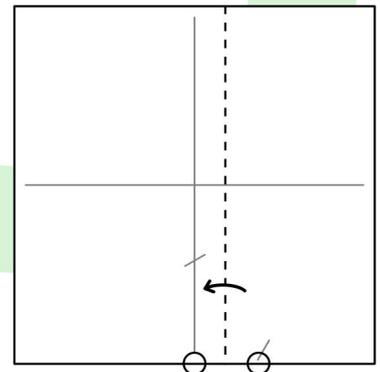
3. Pinch at one third.



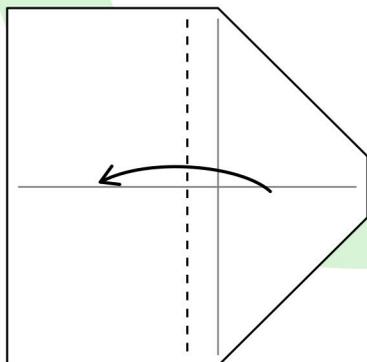
6.



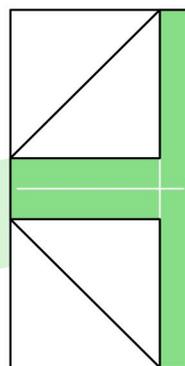
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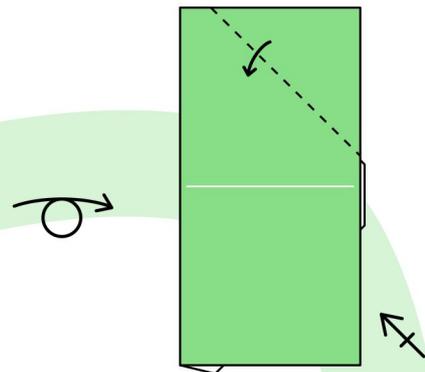
4. Fold at one sixth.



7. Fold in half.

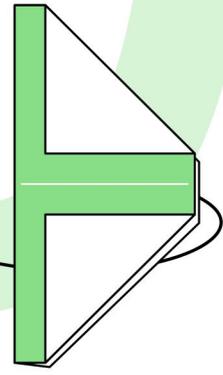


8.

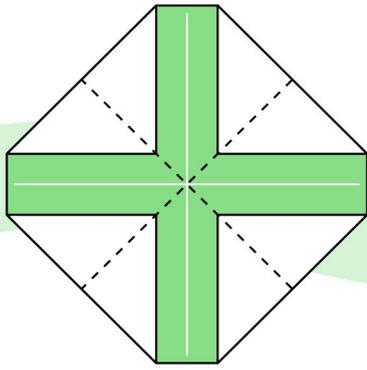


9. Use the edge behind as a guide.

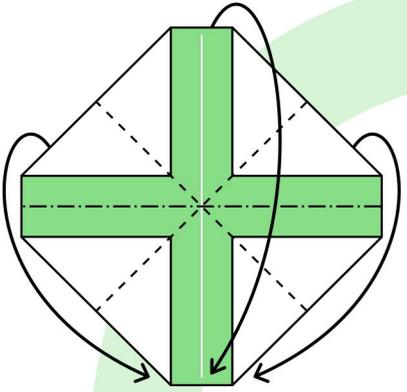




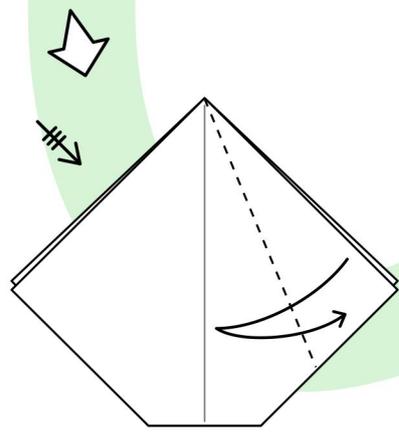
10. Fold the rear flap back.



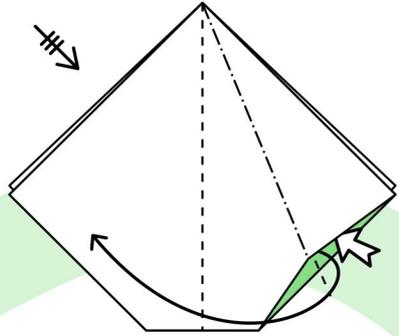
11. Add valley folds.



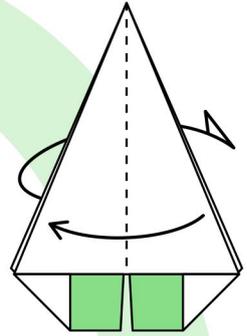
12. Fold like a preliminary base.



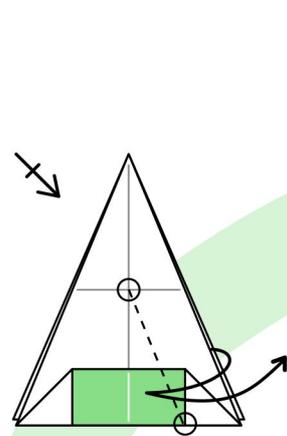
13. Crease. Be careful that the paper inside the model doesn't shift.



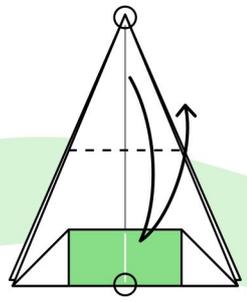
14. Squash fold.



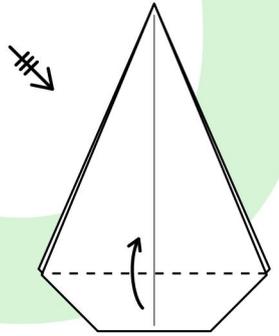
15. Fold one flap to the left. Repeat behind.



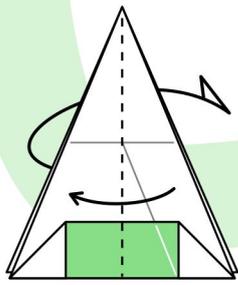
18. Crease (one layer only). Repeat behind.



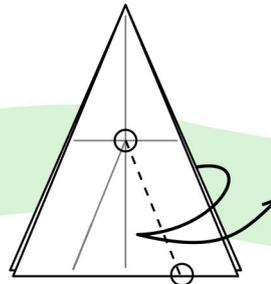
17. Fold through all layers then unfold.



16.

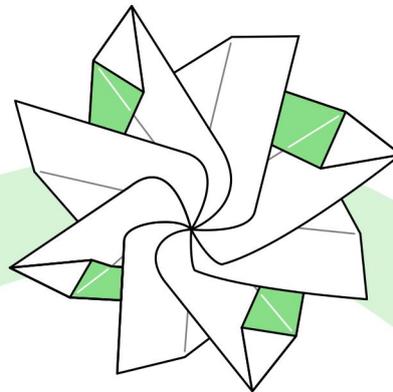
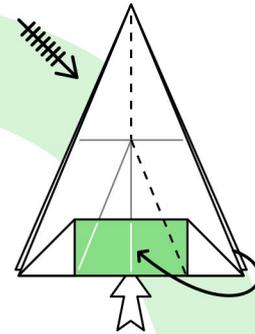


19. Fold one flap to the left. Repeat behind.

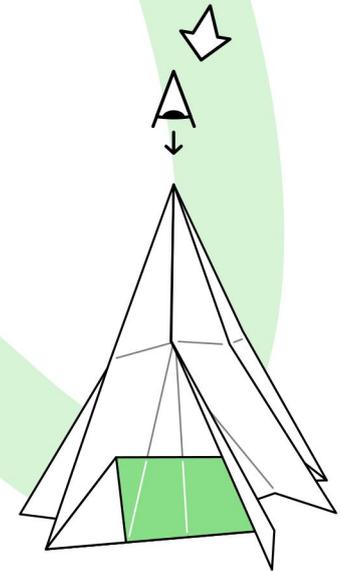


20. Repeat 17-18 three times.

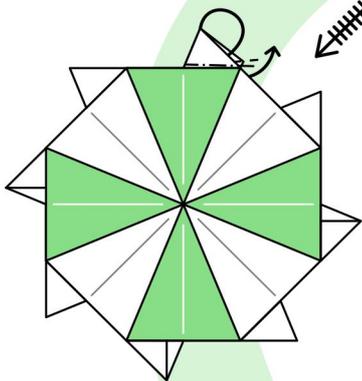
21. Start distributing the flaps. The model will be 3D.



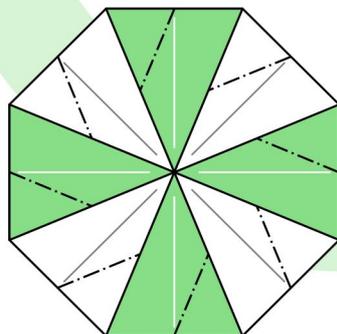
23. Twist the flaps clockwise, while holding the spinning-top in the palm of your hand.



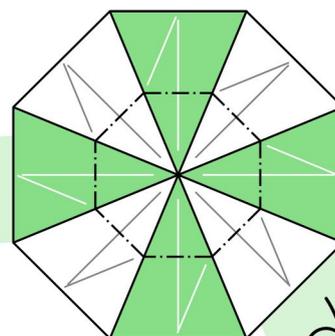
22. In progress. Next view will be from the top. Take a peek at step 29' to see how the handle should look like.



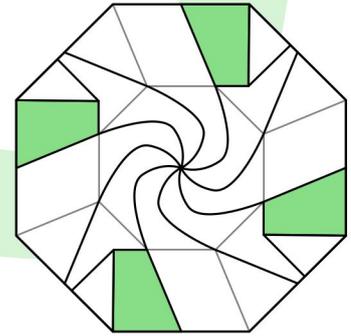
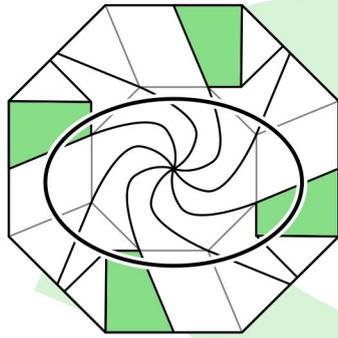
24. Inside reverse-folds.



25. Precrease. Use the edges behind as guides.



26. Precrease.



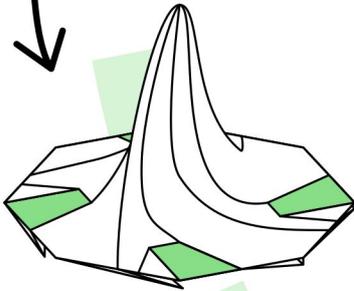
27.

28. Zoom in.

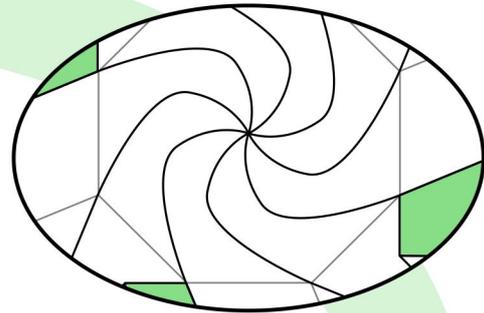


View from
the side

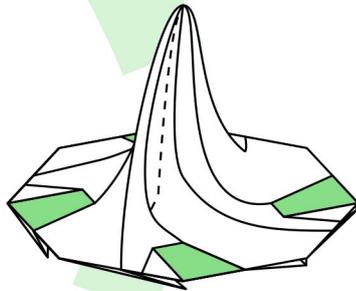
View from
the top



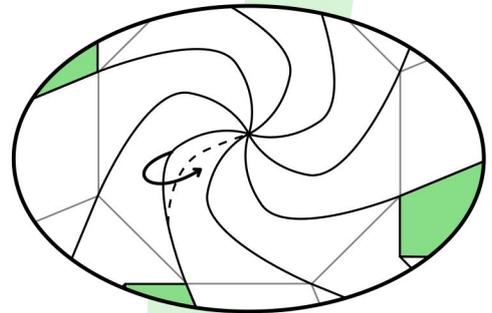
29'.



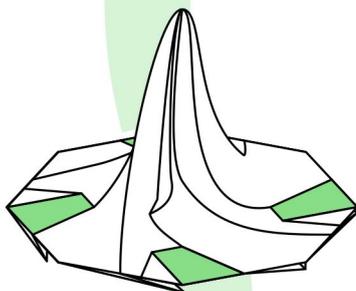
29.



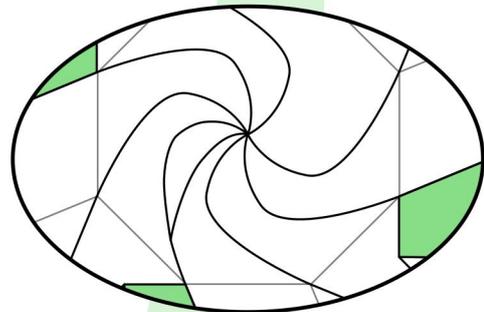
30'.



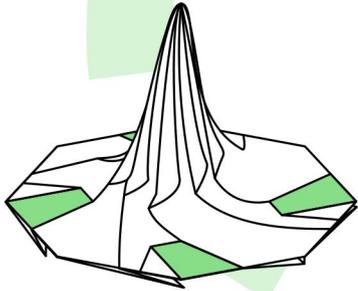
30. Fold a flap over. There is no reference here.



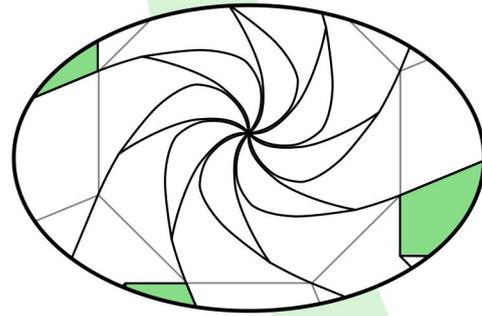
31'.



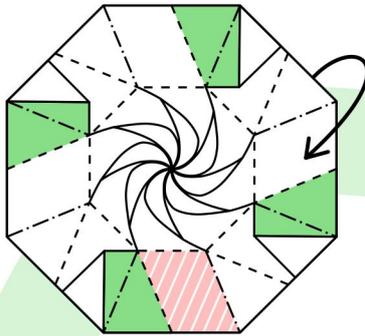
31. Like this. Approximately. Repeat seven times on the remaining flaps. This will thin and lock the handle.



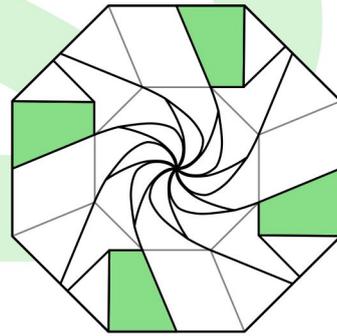
32'.



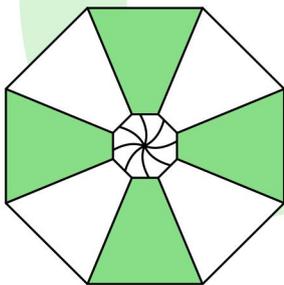
32. Zoom out.



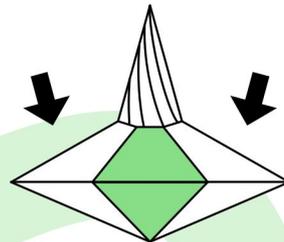
34. Fold up and interlock the border. Rhombi will tile one on another, and circle around the handle.



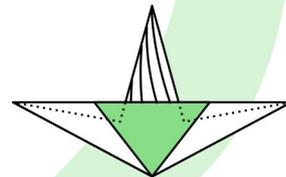
33. View from top.



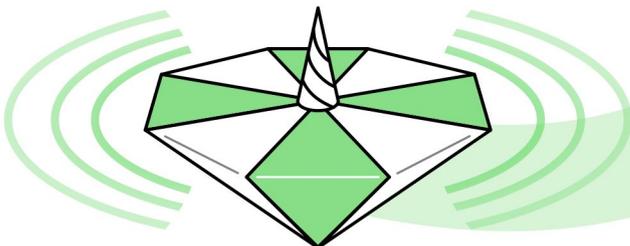
35. Almost there. Next step will be seen from the side.



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 !

