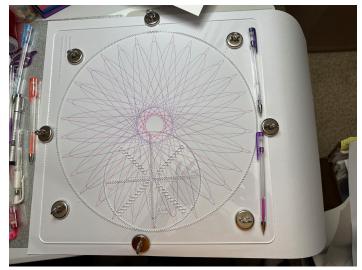
Newsletter 19 November 2025



time to think out loud again

And what am I thinking about today? Well, there was a product when I was a kid, called Spirograph. To most of you, no surprise, it's still around. I've rediscovered it... and more. More you ask. Yes, there are companies making gears for adults. Why adults? Cause if kids were to ask for them, the folks would say get a job kiddo.

In addition to regular Spirograph, I have been collecting novelity sets, and Wild Gears. Wild Gears are awesome. There is a gear frame so large, with 360 teeth, that I use 18x24 inch paper for it to fit. That's ginormous. Pens for



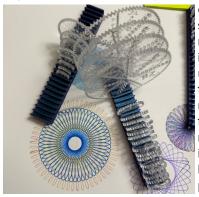
scale. That's one large piece of paper. I coud have paper cut 16x16 inches for a snugger fit. But, 18x24 gives me room to add more spirals. I designed and printed some trays to hold the gears. The big one had to be printed in 4





segments for the glue up. The full size sheets shipped out from Wild Gears are 40 centimeters. Looking closely at the big tray, it noticible that the sheet was cut into three segments. Instead of having several custom size trays, I made one large tray, since that's how the gears were packaged. The small tray is about 8 inches, I also made the 8 inch version with deeper walls for non-standard gear sets that are more like to slide out of the tray.

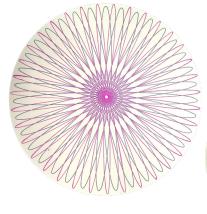
A gear rack was also designed and printed. The gear rack

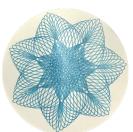


can be used to store smaller gears, though not my preference. I like staging gears that I want to use for a project, one rack for unused gears, another rack for used gears. I also find it handy to use the racks when I'm unpackaging the gear sets. Then I have them in order after I print the trays.

If you're interested in getting the files for yourself, they are posted on Creality Cloud for a free download. They can also be found by searching Yeggi.Com.

Two of my favorite patterns:





pj cassel