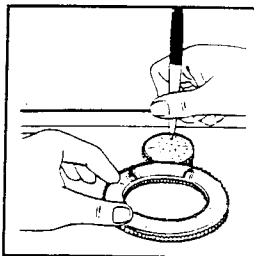


## Designs Drawn Using Wheels Outside of Rings



- Use Ring No. 144/96

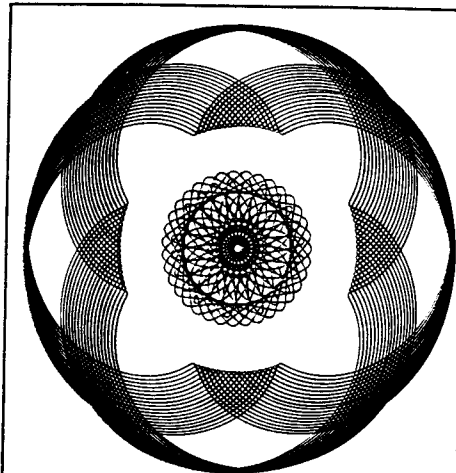
### Outside Design

- Use Wheel No. 72, line up Hole 1 with Mark 1 on outside edge of Ring.
- With Pen draw eighteen patterns moving wheel one Tooth right for each pattern.
- Line up Hole 1 with Mark 4 of the Ring and draw eighteen patterns moving wheel one Tooth right for each pattern.

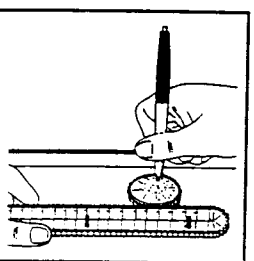
### Inside Design

- Leave Ring in place.
- Use Wheel No. 52, Hole 1, draw one complete pattern. Use Hole 10, draw one complete pattern.
- Remove Ring No. 144/96
- Use Ring No. 150/105
- Use Wheel No. 24, Hole 1, draw one complete pattern.

Sprinkle with glitter and shake off excess into container.

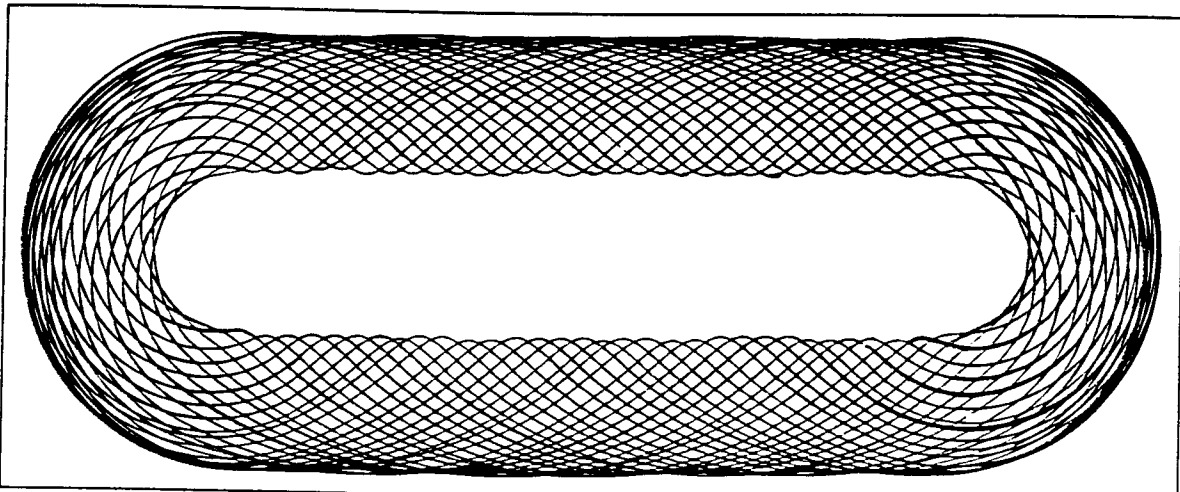


## Designs Drawn With Wheels Around Rack



- Use Wheel No. 56
- Line up Hole 6 with Mark 11 on the Rack.
- Complete design using Pen.
- For additional designs move the Rack from side to side using different holes.

Sprinkle with glitter and shake off excess into container.

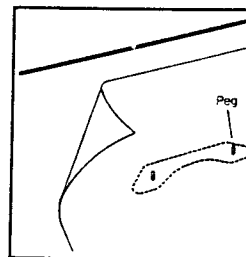


# SPARKLE

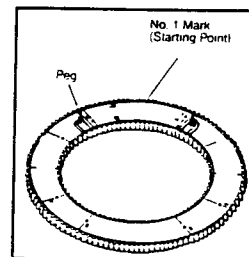
# SPIROGRAPH

DESIGN TOY

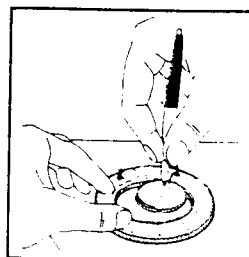
## Basic Pattern Instruction



- The Holder is used to position Rings, Rack and Shapes while you draw the designs.
- Lay the Holder under a sheet of paper.
- Press down on the paper to punch the pegs thru it.



- Select a Ring and put the indicated holes in the Ring onto the pegs.
- Be sure the Holder does not interfere with your design.
- Each Ring is numbered.
- The number near the outside edge indicates the number of the outside Gear Teeth; the number near the inside of the Ring indicates the number of inside Gear Teeth.



- Select a Wheel or Gear and place it inside the Ring.
- Each Wheel or Gear is numbered as well as having a number near each hole to help you locate the proper Ring and hole to make the desired design.

- **Note** • Before doing your design, rub the point of the Sparkle Spirograph® Pen on a piece of scratch paper until the ink flows smoothly.

- Put the Pen (only) into one of the numbered holes of the Wheel. With two fingers hold the Ring down. With the other hand, hold the Pen upright, and carefully move the Wheel around the inside of the Ring.

- Always keep the Teeth of the Wheel and Ring in contact with each other while drawing your designs.

- Start at hole number 1 on the Ring and continue until your line meets where you started.

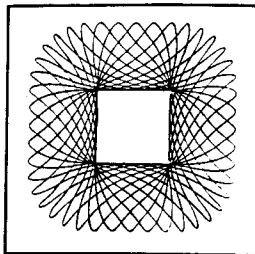
- Sprinkle glitter on your designs for a sparkling effect, shake the paper lightly to help spread the glitter evenly on the design. Excess glitter can be saved and used again.

- Now you are ready to draw millions of fascinating patterns!

### PLEASE NOTE:

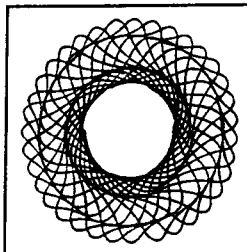
Designs will smudge if touched but can be protected by having an adult spray the design with an aerosol hairspray or fixative spray. **SHAKE OFF** excess glitter. **DO NOT BLOW** excess glitter from design.

## Designs Drawn With Wheels or Gears Inside Rings



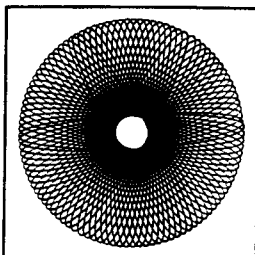
- Use Square Ring Shape

- Use Wheel No. 60 with Pen in Hole 1 draw 15 times around to complete the pattern.



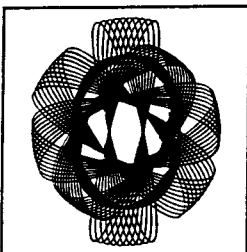
- Use Ring No.150/105

- Use Triangle Gear, line up Hole 9 with Mark 1; with Pen draw loops to complete the design.



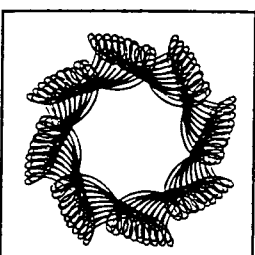
- Use Ring No.150/105

- Use Wheel No. 52 line up Hole 1 with Mark 1. With Pen draw loops until you complete the design.



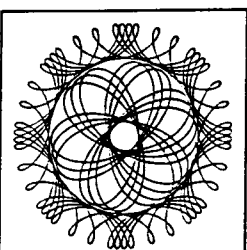
- Use Ring No.150/105

- Use Wheel No. 52, line up Hole 1 with Mark 1 on Ring. Using Pen draw ten loops.
- Move Wheel five Teeth right. Use Pen, in Hole 6. Draw ten loops.
- Move Wheel fifteen Teeth right and continue design alternating Pen in Holes 9, 12, and 18 to complete design.



- Use Ring No.144/96

- Use Wheel No. 84, line up Hole 2 with Mark 1 on Ring.
- With Pen draw patterns using Holes 2 thru 10, moving wheel 2 Teeth to the left for each pattern.
- Line up Hole 4 with Mark 1 and draw pattern using Holes 4 thru 12 moving wheel 2 Teeth to the left for each pattern.

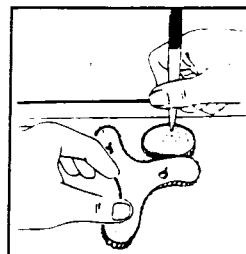


- Use Ring No.144/96

- Use Wheel No. 84. Line up Hole 1 with Mark 1 on Ring. With Pen draw 4 patterns, moving Wheel 1 Tooth right each time.
- Move Wheel 3 Teeth right. Draw 1 pattern. Move Wheel 3 Teeth right, repeat pattern.
- Use Wheel 63, line up Hole 16 with Mark 1 on Ring. Draw 3 loops. Line up Hole 16 with Mark 11 on Ring. Draw 3 loops.

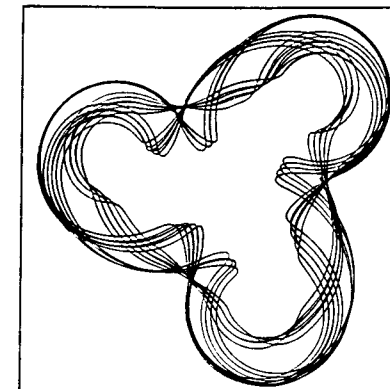
*Sprinkle with glitter and shake off excess into container.*

## Creating Designs With the Propeller Shape

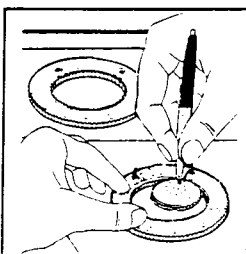


- Use Wheel No. 52, position Wheel and Hole 6 at highest point on top Arm.
- With Pen in hole 6 draw 8 times around for first pattern.
- Reposition Wheel by skipping two Teeth to the right of starting position.
- With Pen in Hole 6 draw 8 times around to complete second pattern.

*Sprinkle with glitter and shake off excess into container.*

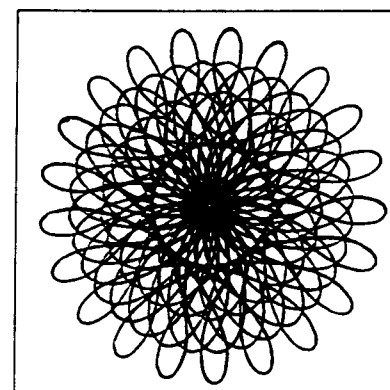


## Designs Drawn Using More Than One Ring

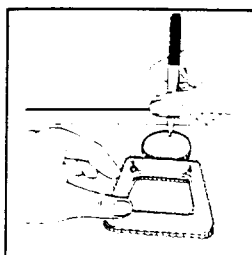


- Use Ring No.150/105
- Ring No.150/105
- Use Wheel No. 80, line up Hole 9 with Mark 1. With Pen, draw pattern.
- Line up Hole 23 with Mark 1, draw pattern.
- Ring No.144/96
- Use Wheel No. 63, line up Hole 11 with Mark 1. Use Pen, draw pattern.

*Sprinkle with glitter and shake off excess into container.*

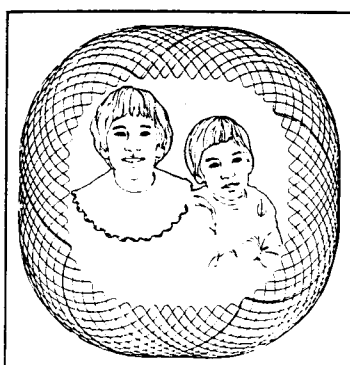


## Creating Designs With the Square Ring Shape

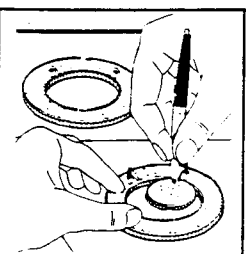


- Use Square Ring Shape.
- Use Wheel No. 60 with Pen in Hole 1 draw 9 times around the outside of the Square Ring shape for first pattern.
- Move Wheel two Teeth left of starting point. Use Pen in Hole 1 and draw 9 times around to complete second pattern.
- Frame your favorite photo (no larger than 4 inches by 5 inches) using the Square Ring Shape designs.

*Sprinkle with glitter and shake off excess into container.*



## Glitter and Colored Designs



- Use Ring No.150/105 and 144/96
- Ring No.150/105
- Use Wheel No. 56, line up Hole 1 with Mark 1. With a regular colored ball point pen, draw a complete pattern.
- Ring No.144/96
- Use Wheel No. 32, Hole 2. With your Sparkle Spirograph® Pen draw five patterns starting at a different point of the pattern each time.

*Sprinkle with glitter and shake off excess into container.*

Now you will have a colored & glittered design.

