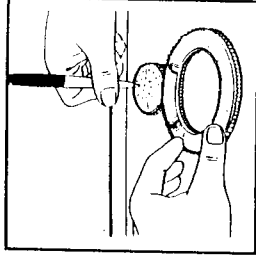


Designs Drawn Using Wheels Outside of Rings



- Use Ring No. 144/96

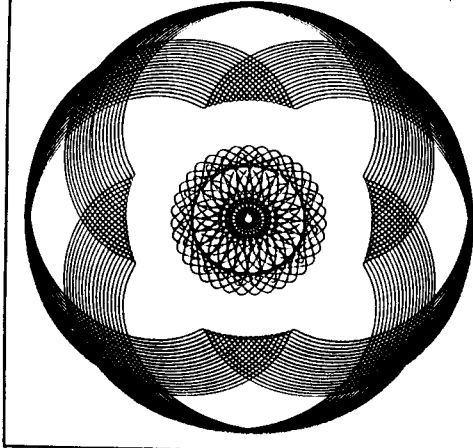
Outside Design

- 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.

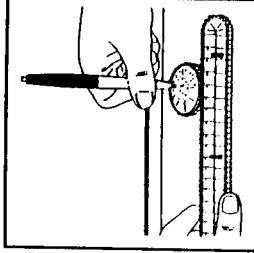
Inside Design

- 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.

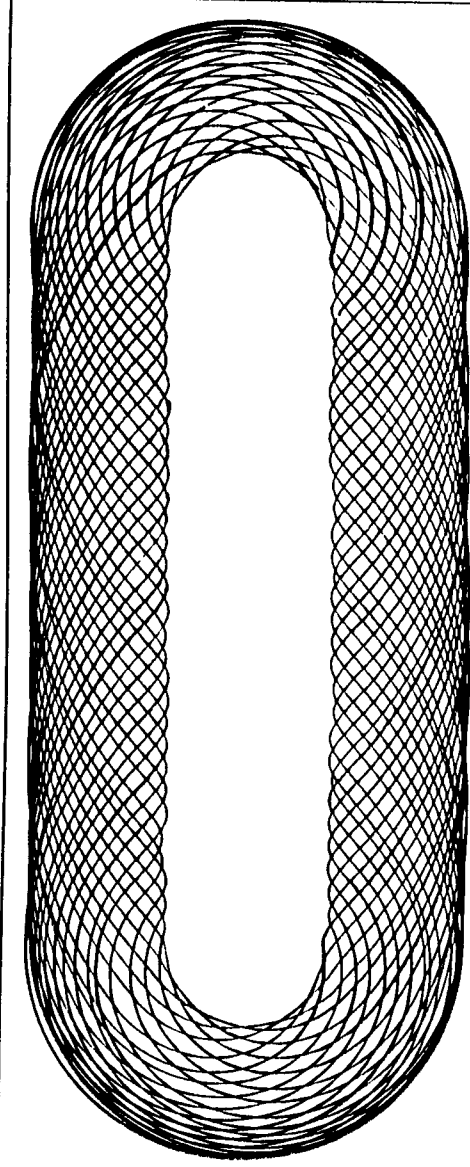


Designs Drawn With Wheels Around Rack



- 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.

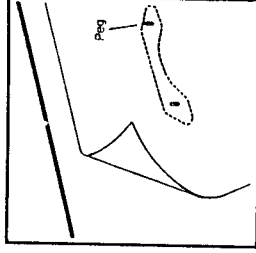


SPARKLE

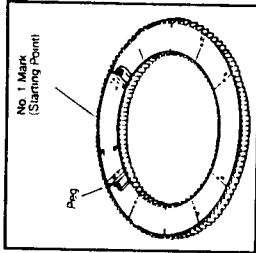
SPIROGRAPH

DESIGN TOY

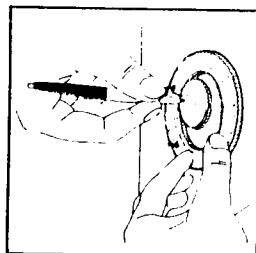
Basic Pattern Instruction



- 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.



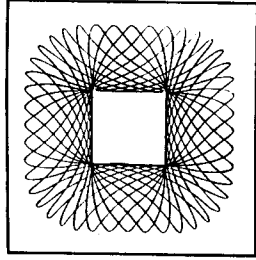
- Select a Wheel or Gear and place it inside the Ring.
- Each Wheel or Gear is numbered as well as having a number near each hole to help you locate the proper Ring and hole to make the desired design.

- **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!

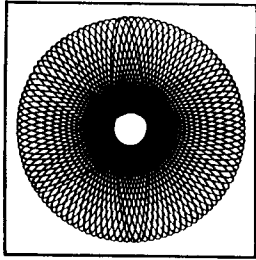
PLEASE NOTE:

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.

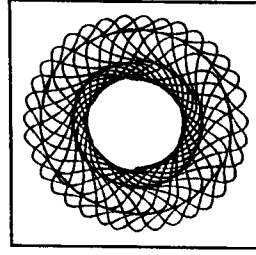
Designs Drawn With Wheels or Gears Inside Rings



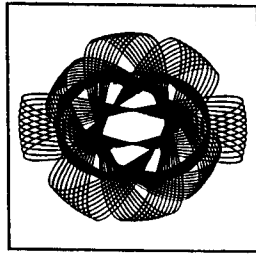
- Use **Square Ring Shape**
- Use **Wheel No. 60** with **Pen** in Hole 1 draw 15 times around to complete the pattern.



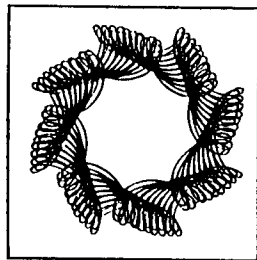
- Use **Ring No. 150/105**
- Use **Wheel No. 52** line up Hole 1 with Mark 1 on **Ring**. With **Pen** draw loops until you complete the design.



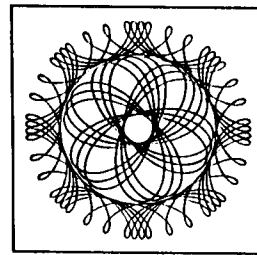
- Use **Ring No. 150/105**
- Use **Triangle Gear**, line up Hole 9 with Mark 1; with **Pen** draw loops to complete the design.



- Use **Ring No. 150/105**
- Use **Wheel No. 52**, line up Hole 1 with Mark 1 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.



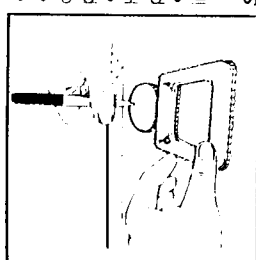
- Use **Ring No. 144/96**
- Use **Wheel No. 84**, line up Hole 2 with Mark 1 on **Ring**. With **Pen** draw patterns using Holes 2 thru 10, moving wheel 2 Teeth to the left for each pattern.
- Line up Hole 4 with Mark 1 and draw pattern using Holes 4 thru 12 moving wheel 2 Teeth to the left for each 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.

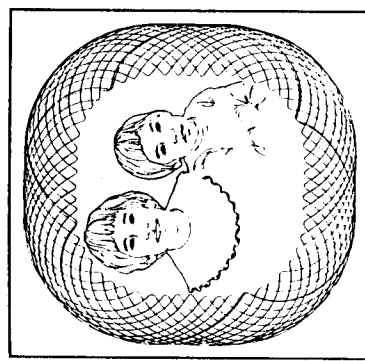
Sprinkle with glitter and shake off excess into container.

Creating Designs With the Square Ring Shape

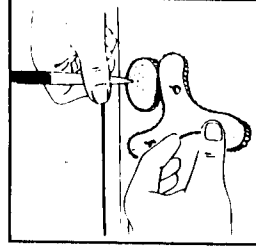


- Use **Square Ring Shape**.
- Use **Wheel No. 60** with **Pen** in Hole 1 draw 9 times around the outside of the **Square Ring** shape for first pattern.
- Move **Wheel** two Teeth left of starting point. Use **Pen** in Hole 1 and draw 9 times around to complete second pattern.
- Frame your favorite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

Sprinkle with glitter and shake off excess into container.

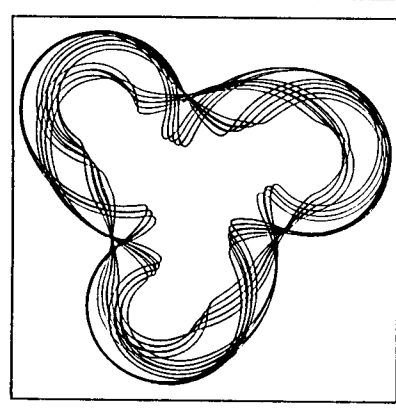


Creating Designs With the Propeller Shape

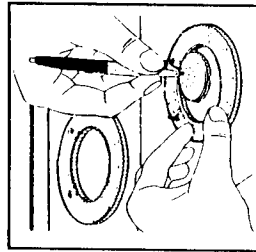


- Use **Wheel No. 52**, position **Wheel** and Hole 6 at highest point on top **Arm**.
- With **Pen** in hole 6 draw 8 times around for first pattern.
- Reposition **Wheel** by skipping two Teeth to the right of starting position.
- With **Pen** in Hole 6 draw 8 times around to complete second pattern.

Sprinkle with glitter and shake off excess into container.

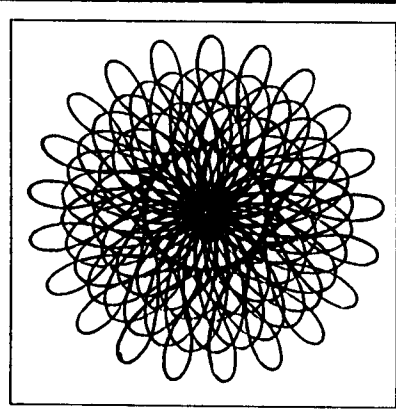


Designs Drawn Using More Than One Ring

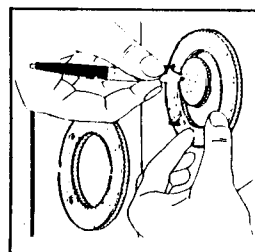


- Use **Ring No. 150/105**
- **Ring No. 150/105**
- Use **Wheel No. 80**, line up Hole 9 with Mark 1. With **Pen**, draw pattern.
- Line up Hole 23 with Mark 1, draw pattern.
- **Ring No. 144/96**
- Use **Wheel No. 63**, line up Hole 11 with Mark 1. Use **Pen**, draw pattern.

Sprinkle with glitter and shake off excess into container.



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.

