Make a Bicycle Chain Fidget Spinner
Materials for Fidget Spinner Project
Tools Needed for Fidget Spinner Project
Step 1

Take the pre-cut chain (22 links) and form the individual links into a repeating zigzag as illustrated here. Keep going until you have the pattern illustrated in the next slide.
Step 1 (continued)
Step 2

Split one half of the chain so it looks like a backwards L and place a cable tie along each side. Pay careful attention to the position of each tie.
Step 3

Then insert a cable tie into each section of the chain. See this slide and the next.
Step 3 (continued)
Step 4

Insert the free ends of each cable tie into the head of each tie. Pull enough for the teeth to engage.
Step 5

Insert the smaller chain link into the larger chain link with the protruding pin.
Step 6

Line up the links so the pin can be hammered into position closing the chain
Step 7

Insert a skateboard bearing into the center of the newly formed chain wheel.
Step 8

Then manually pull the cable ties tightly around the bearing.
Step 9

Before the final tighten, shape the links so they are regularly spaced and form a star pattern.
Step 10

Then use the needle nose pliers to pull and tighten the cable ties around the bearing. Use the scissors or snips to trim the excess cable tie.
Step 11

Congratulations, you did it! Now take it for a spin!!