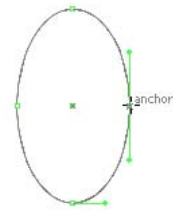
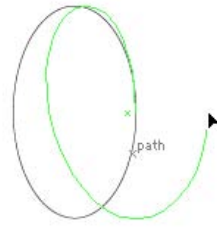


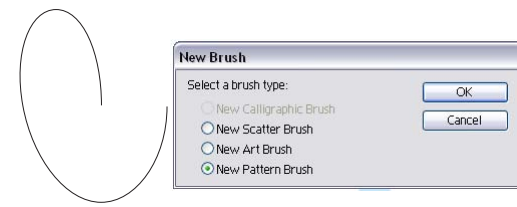
1 Ellipse Tool: Click. Enter 1" vertical, .58" horizontal. This is the approximate proportion of an isometric ellipse.



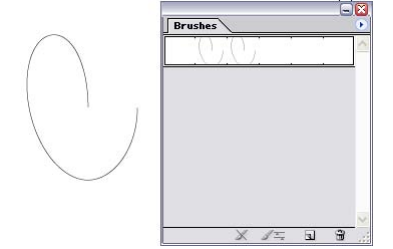
2 Scissor Tool: Click the right point to open the path.



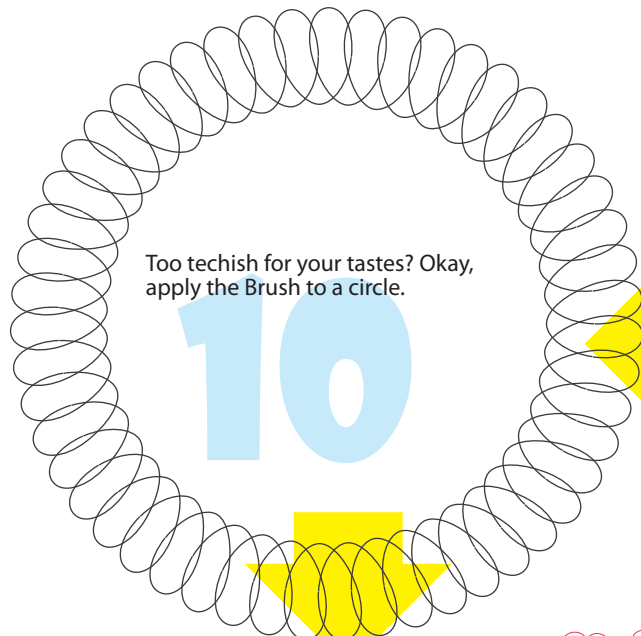
3 Reshape Tool: ClickShiftDrag the point you cut a bit straight toward the right.



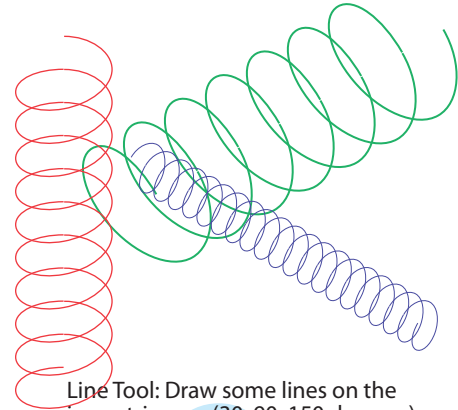
4 Drag the path to the Brush Palette. Choose New Pattern Brush from the dialog.



5 Drag the Brush from the Brush Palette onto the page to modify it.

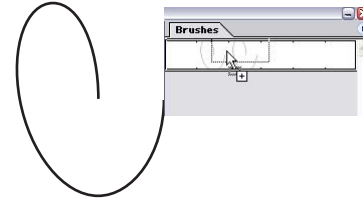


10 Too techish for your tastes? Okay, apply the Brush to a circle.

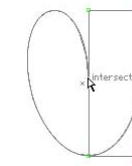


Line Tool: Draw some lines on the isometric axes (30, 90, 150 degrees) and apply the Brush. The weight of the line will scale the diameter of the spring up/down. So with the one Brush, you can draw the centerline of any diameter/length spring.

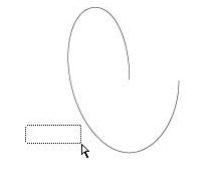
(See why I want an option to tell Brushes to not scale the weight of strokes in the tile artwork? That would let me maintain a consistent stroke weight for any size spring.)



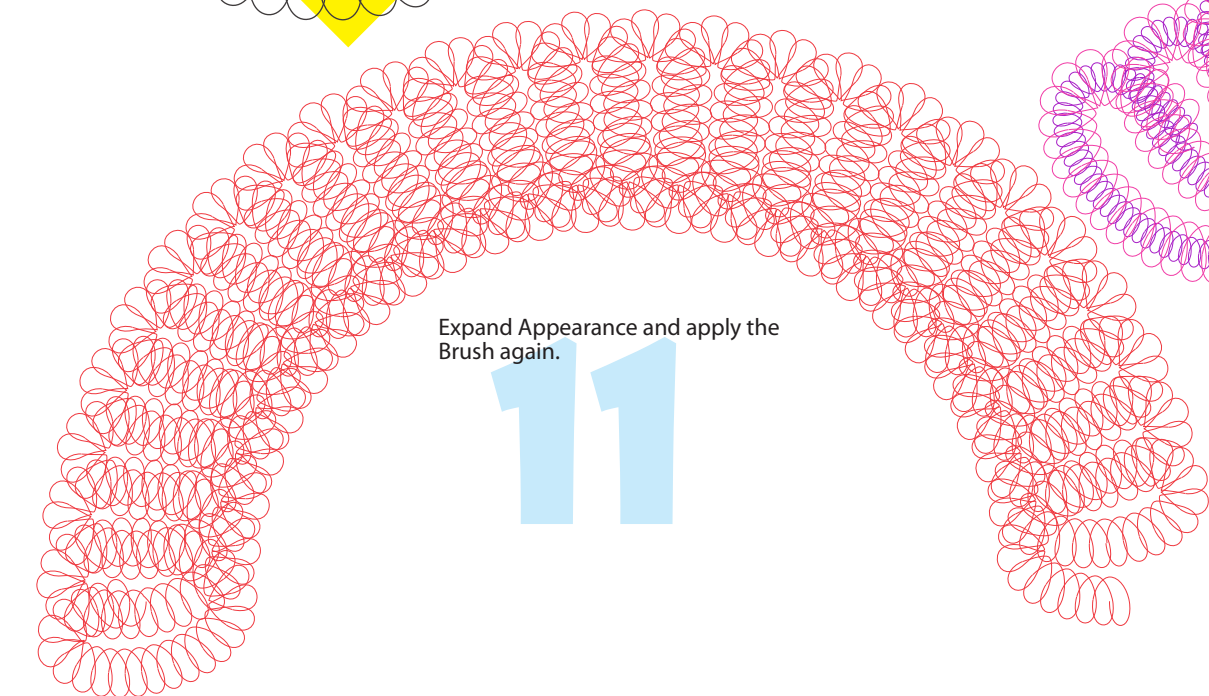
8 Normal select the path and AltDrag it back onto the tile slot in the Brushes Palette from whence it came. Now for the fun...



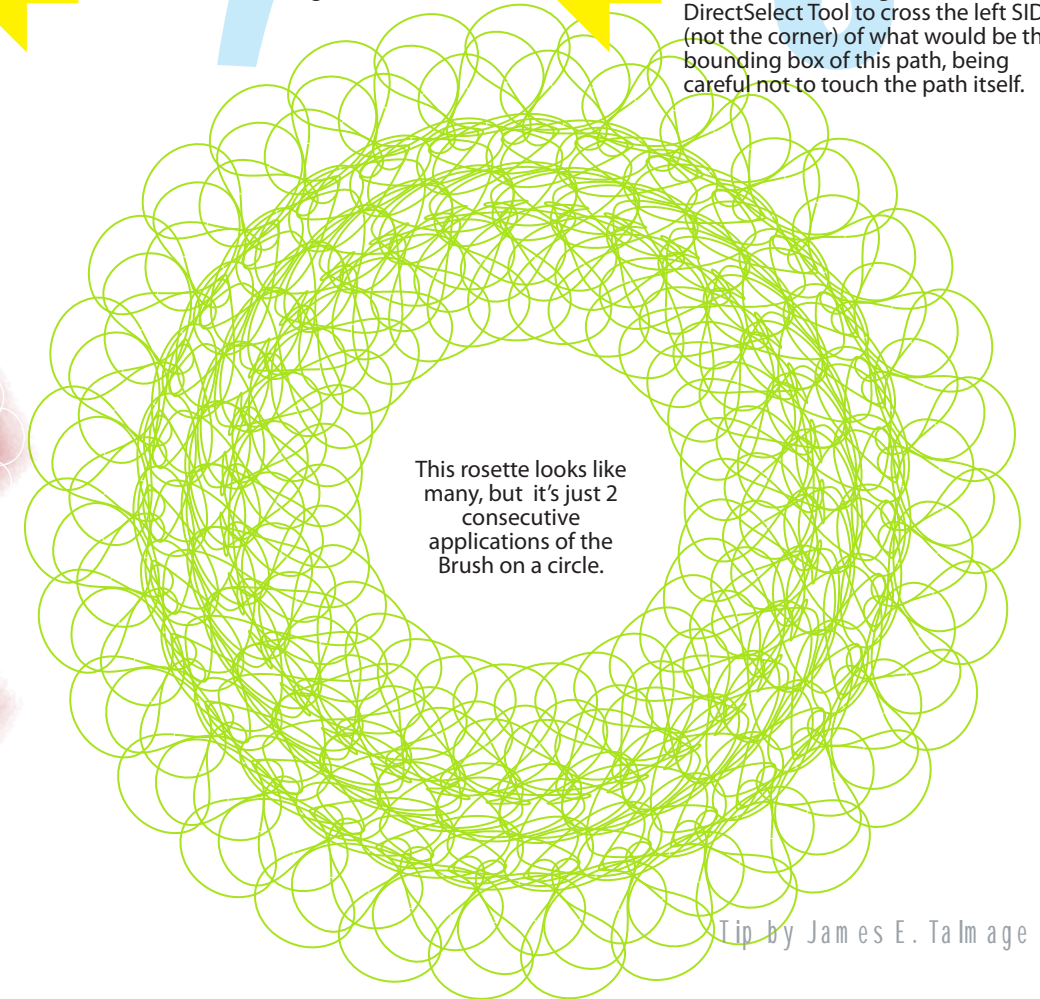
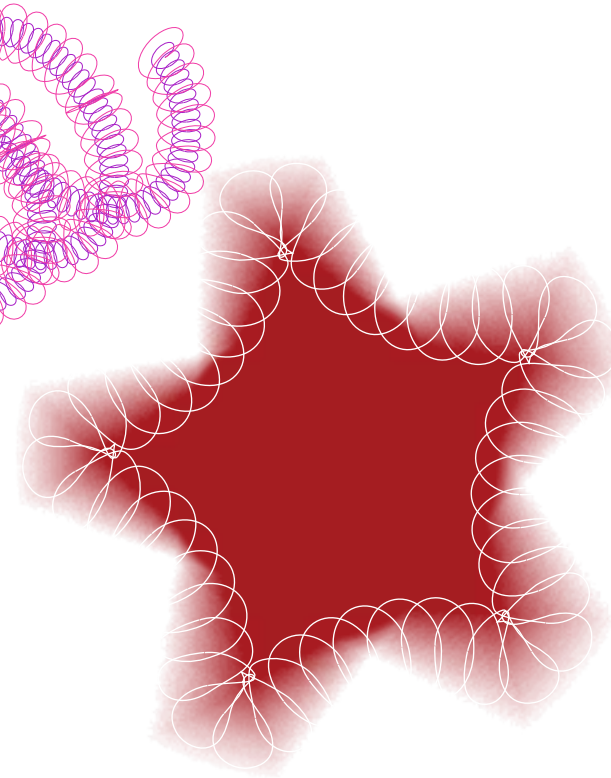
7 That selects the left segment of the invisible rectangle. Drag it toward the right until it intersects the inside endpoint of the path. (I almost always have SmartGuides turned on to help with this kind of thing.)



See, here's the thing: A Brush tile has an invisible rectangle grouped with it. The rectangle determines where the tiles start and end. We want this tile to start and end at the start and end of the coil. So ClickDrag with the DirectSelect Tool to cross the left SIDE (not the corner) of what would be the bounding box of this path, being careful not to touch the path itself.



11 Expand Appearance and apply the Brush again.



This rosette looks like many, but it's just 2 consecutive applications of the Brush on a circle.

