Small Trippy Line Motifs: Spiral, Wave, Dot Ring, Contour

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: Draw a compact spiral inside a 40 mm square with a center cross. Use a hypothetical starting radius of 2 mm and increase the radius by 2 mm every quarter turn, for four quarter turns. Check that the spiral stays inside the square.

Answer: Four quarter turns add 2 mm each, so the final radius is 2 + 2 times 4 = 10 mm. The square's half-width is 20 mm, so the spiral's widest point is 10 mm from the center and leaves 10 mm to the nearest edge. The spiral fits inside the boundary, and the gap between turns is even because each quarter turn adds the same 2 mm.