Draw Koru Spirals and Interlocking Patterns: A Step-by-Step Guide

Original task 1 / independent drawing and calculation

Task 1

Draw a single koru with a 4 mm inner circle, one and a quarter turns, and 3 mm growth per quarter-turn. Use a 12 mm stem. State your direction and line-weight convention.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

On a 30 mm grid, place four koru motifs in a 2×2 staggered arrangement. Alternate spiral direction by row. Describe or draw the result.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

Take one koru and redraw it with heavy outer edge and light inner edge. Then redraw the same koru with the reverse convention. Compare.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 4 / independent drawing and calculation

Task 4

Design a row of three interlocking koru motifs with stems pointing into the gaps between the next row's motifs. Use a 25 mm cell (hypothetical) and scale each motif so its body span is under 25 mm (for example, about 20 mm, hypothetical). State spacing and direction.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.