Draw Numeral Zero: Outline Construction and Stroke Order

Original task 1 / independent drawing and calculation

Task 1

Draw a zero with hypothetical height 24 mm, width ratio 0.5, and ring thickness 3 mm. State outer and inner dimensions before drawing.

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

Draw a zero with hypothetical height 18 mm and width ratio 0.7. Use a continuous stroke that follows the four-arc path. Label the stroke as one continuous stroke.

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

Draw a zero with hypothetical height 20 mm and width ratio 0.6, but make the top slightly narrower than the bottom. Explain why this is valid.

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

Draw a zero with hypothetical height 16 mm, width ratio 0.75, and ring thickness 2 mm. Then measure and state whether the inner width is at least half the outer width.

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.