Goat Horns Drawing: Ridged Taper and Backward Curve

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

Draw a goat horn with a 2 cm base width, a 6 cm centerline that shifts 3 cm backward, four equal centerline segments, widths of 2.0, 1.5, 1.0, 0.6, and 0.4 cm, and eight evenly spaced ridges. Describe the construction and the final check.

Answer: Draw a 2 cm by 1 cm base oval and mark its center. Draw a smooth centerline 6 cm long shifting 3 cm backward. Divide it into four equal segments of 1.5 cm each along the centerline. Mark widths 2.0, 1.5, 1.0, 0.6, and 0.4 cm at the divisions and tip. Place half-widths on each side and connect smoothly. Mark eight equal centerline intervals and draw ridges perpendicular to the local centerline, matching each ridge length to the local width. Final check: base oval present, centerline smooth, widths decrease in order, eight ridges evenly spaced, and ridge lengths shorten toward the tip.