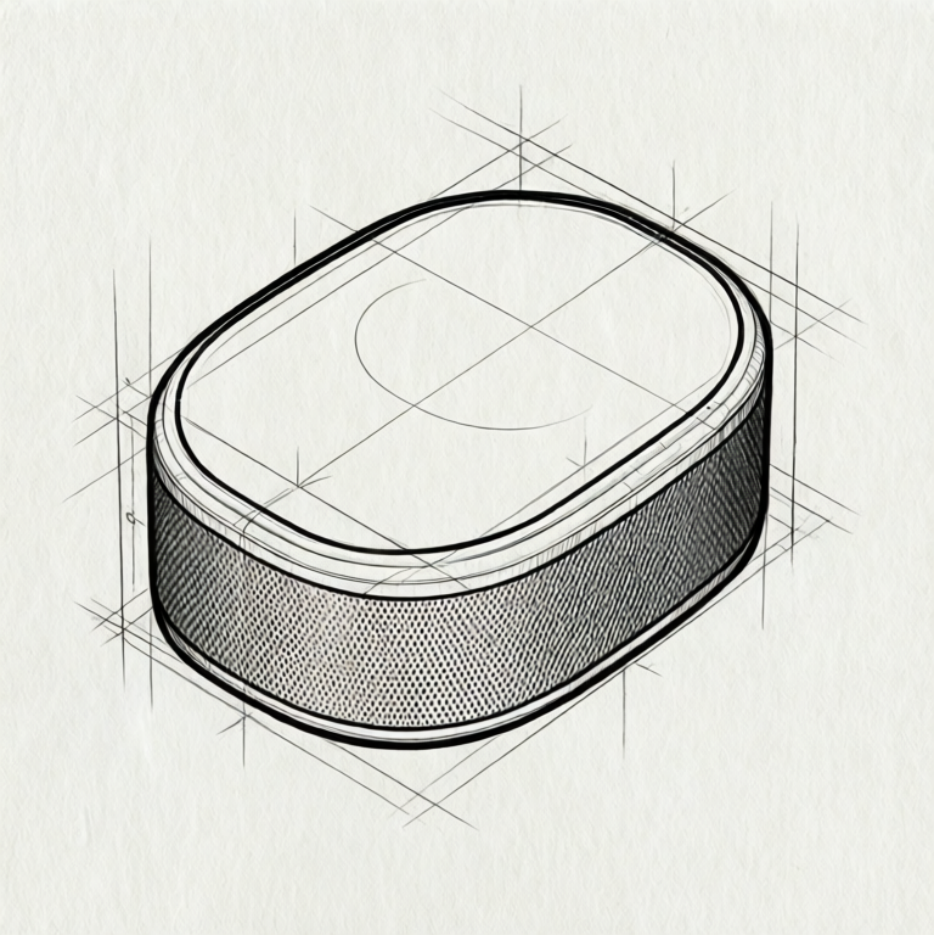
Hockey Puck Isometric Drawing: Cylinder and Ellipse Practice

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.

Hockey Puck Isometric Drawing: Cylinder and Ellipse Practice

Worked example / complete source key

Using hypothetical values of 7.6 cm diameter and 2.5 cm thickness, describe the steps to draw the top ellipse and side wall in isometric projection.

Answer: Draw the three isometric axes from a center point. Mark the top center on the vertical axis. Measure 3.8 cm along each 30-degree axis to locate four tangent points. Connect them into a rhombus and draw a smooth ellipse tangent to each side. Offset the center 2.5 cm downward and repeat for the bottom ellipse. Draw vertical lines at the left and right tangent points to form the side wall. Check that all verticals are parallel to the vertical axis and that both ellipses use the same 3.8 cm half-diameter.