Isometric Stapler Drawing: Hinge and Base Construction

Ordinary topic reference / separately checked pixels



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Original worked example / unchanged complete key

Prompt: Using hypothetical dimensions of base 100 mm by 30 mm by 20 mm and total height 50 mm, describe the first four construction lines for an isometric stapler and state where the hinge pivot goes.

Answer: Draw a vertical axis and two 30-degree axes from one origin. Mark 100 mm along the up-right axis for length and 30 mm along the up-left axis for width. Add verticals to 20 mm for the base height, then extend the hinge axis line along the length at 35 mm height and place the pivot center on that line. The pivot sits on the shared axis line so the upper arm can meet the base squarely.