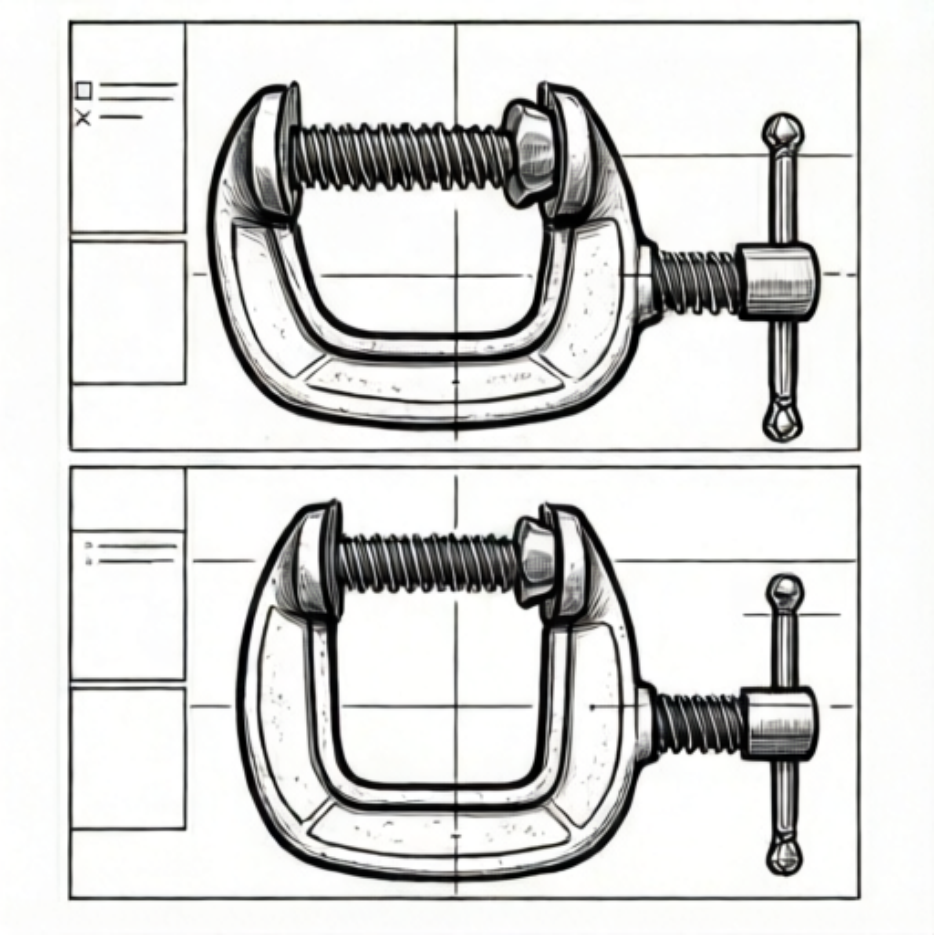
Two-Point Perspective C-Clamp Drawing: Two Viewpoints

Ordinary topic reference / separately checked pixels



Two-Point Perspective C-Clamp Drawing: Two Viewpoints

Original worked example / unchanged complete key

Prompt: Draw a C-clamp in two-point perspective from a front-angled view. Use a horizon line with left and right vanishing points. The clamp's back bar is vertical, the opening faces the viewer, and the screw points into the opening. Add a T-handle at the outer end of the screw.

Answer: A correct drawing shows a horizon line with two labeled vanishing points. The back bar is a vertical box whose top and bottom edges aim at the left and right vanishing points. The spine connects to the front jaw, leaving a clear opening. The screw is a cylinder whose axis aims at one vanishing point, with elliptical ends and evenly spaced thread lines. The T-handle crosses the screw at the outer end and is perpendicular to the screw axis in perspective: since the screw axis aims at one vanishing point, the handle bar aims at the other vanishing point (or stays vertical). All vertical edges are vertical, and the frame thickness is consistent along receding lines.