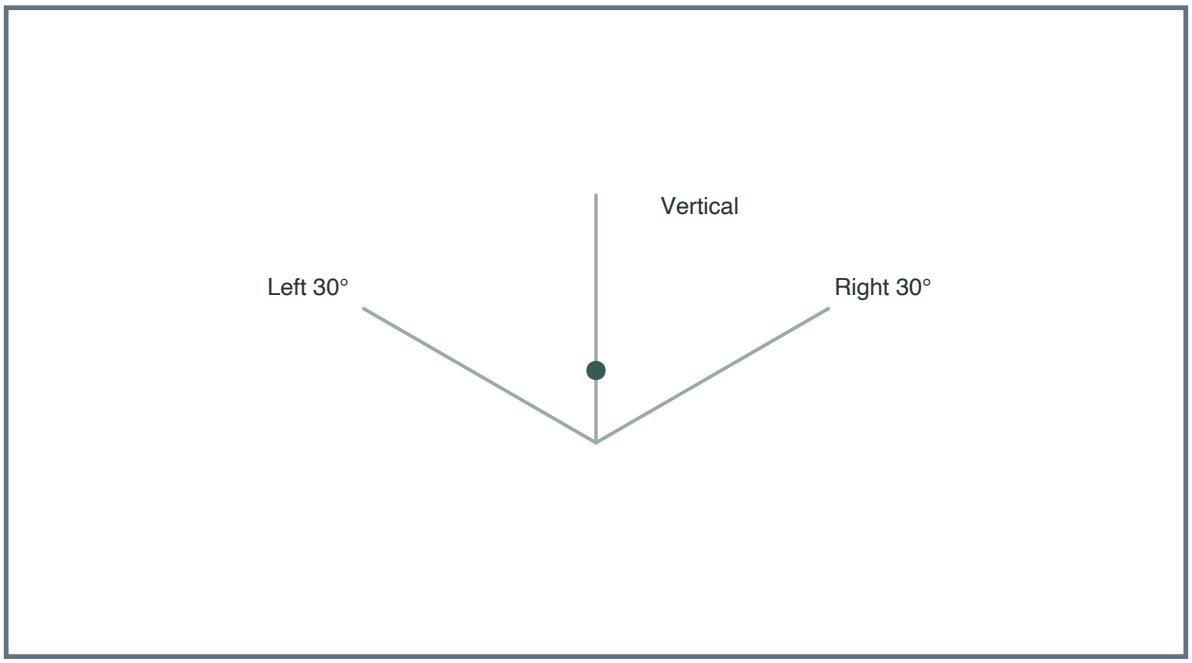
Draw Isometric Scissors

Reference | Construction reference | A4

Three directions and the marked pivot.

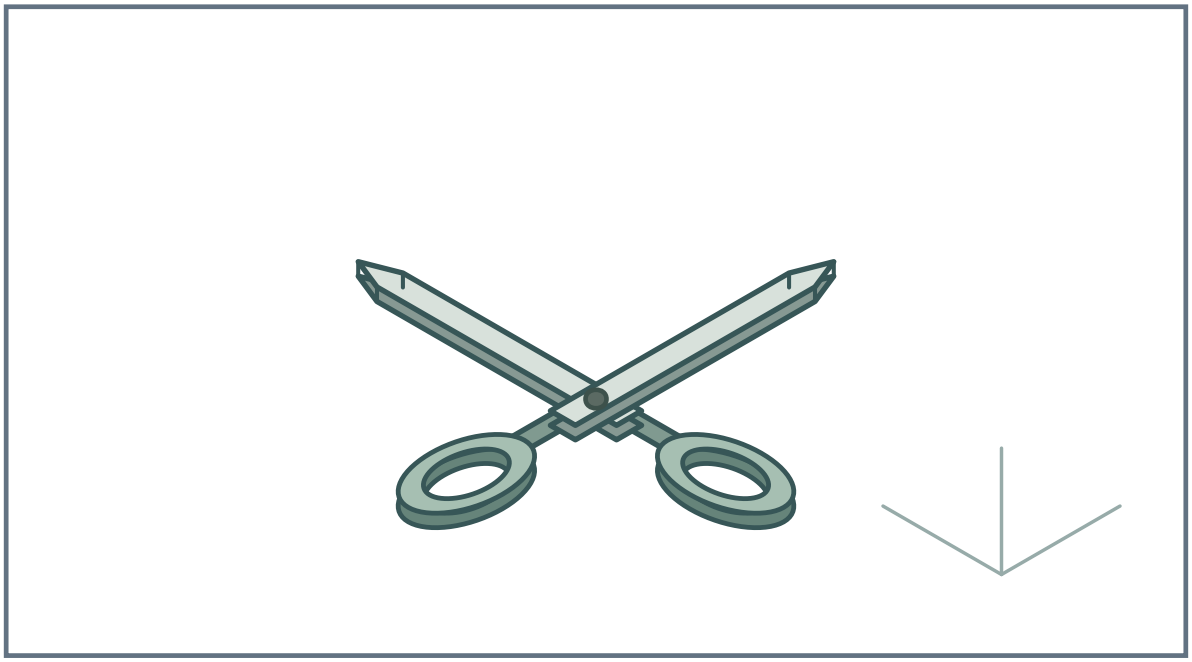


Draw Isometric Scissors

Reference I Worked example I A4

Original prompt

Worked example: construct a simple pair of scissors on an isometric axis plate, showing both blades, the pivot, and two handle loops.



Answer

Start with the vertical and left and right 30-degree guides. Put the pivot on the vertical guide. Draw the left blade's shaft along the left slanted direction, taper its end, and offset its outline downward for thickness. Reflect the shape for the right blade. Connect each blade to a flattened loop along its line and offset the loops vertically. The finished two blades meet at the pivot.

Reasoning

The axis plate guides the shaft directions and vertical offsets. Tapering only the short ends makes the blades pointed while keeping their long edges consistent. Reflecting the blade shapes gives them a shared pivot, and keeping the rings in the same projected plane aligns the handles with their shafts.

Check

Check the left and right shaft sides against their respective 30-degree directions. Verify that both strips taper at the far end, cross at a common pivot and use vertical thickness connectors.