Pencil Snake Drawing: Coil Spacing, Taper, and Head Construction

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.

Pencil Snake Drawing: Coil Spacing, Taper, and Head Construction

Worked example / complete source key

A coil plan has three loops with gaps of 8 mm, 9 mm, and 13 mm. Mid-body width is 12 mm, neck width 6 mm, and tail tip 3 mm. Identify the spacing problem and state one correction.

Answer: The third gap is 13 mm, which is 4 mm wider than the 9 mm gap and 5 mm wider than the 8 mm gap. Redraw the outer loop so its gap is about 9 mm, matching the middle gap within one pencil width.