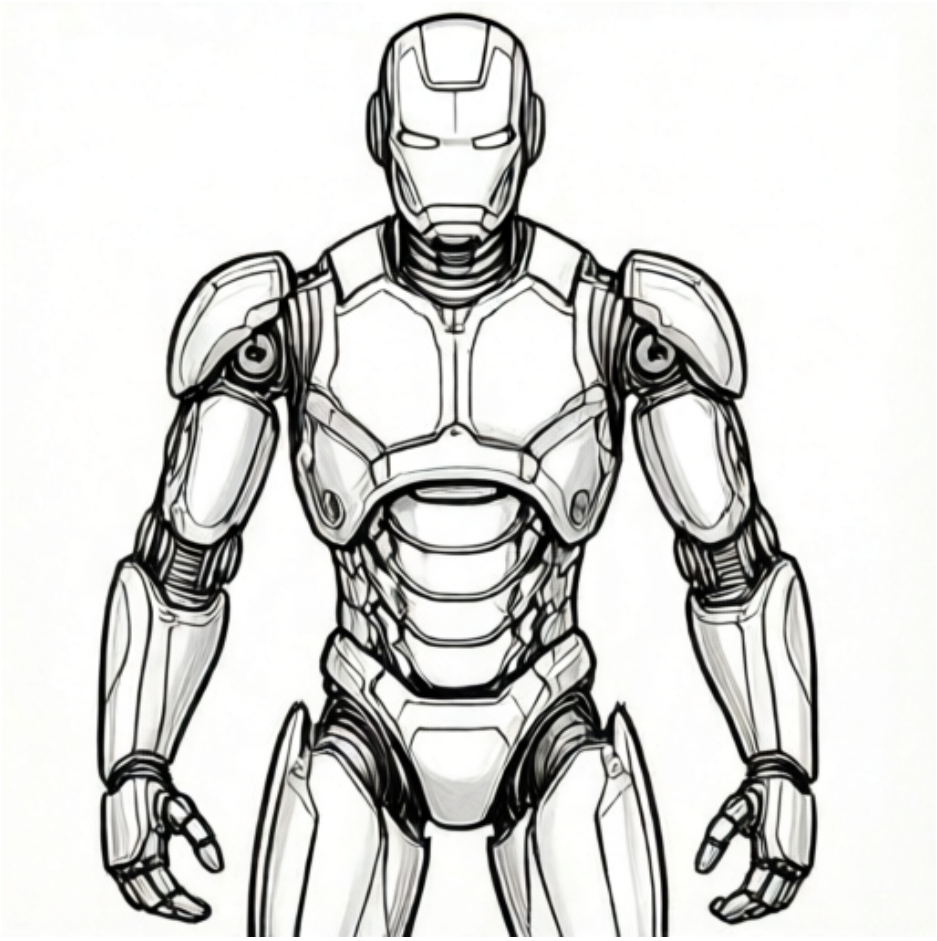
Negative Space Robot Drawing: Contour Study with Surrounding Shapes

Ordinary topic reference / separately checked pixels



Negative Space Robot Drawing: Contour Study with Surrounding Shapes

Original worked example / unchanged complete key

Prompt: A robot silhouette is 100 mm tall and 60 mm wide. A joint gap between the upper arm and torso is 4 mm wide at the top and 2 mm wide at the bottom. The antenna space is a triangle with a 10 mm base and 15 mm height. Draw the negative shapes first, then the robot silhouette, using outlines. Check the gap widths with a ruler.

Answer: Draw the largest surrounding shape around the 100 mm by 60 mm silhouette. Draw the joint gap as a tapering closed contour 4 mm wide at the top and 2 mm wide at the bottom. Draw the antenna space as a triangle with a 10 mm base and 15 mm height. Then draw the robot silhouette so that it touches these negative contours without crossing them. Check: the joint gap measures 4 mm and 2 mm at the marked points; the antenna triangle measures 10 mm by 15 mm; the robot remains unshaded.