Shaking Hands Drawing: Grip and Sleeve Construction

Original task 1 / independent drawing and calculation

Task 1

Construct a handshake on a 10 cm grip axis. Use palm masses 6 cm long and 4 cm wide, overlapping 1.2 cm at the midpoint. Draw crossed thumbs and four finger bands per hand. Describe the placement of each element.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 2 / independent drawing and calculation

Task 2

Add sleeves to the handshake from the previous task. Draw flattened oval openings 3.5 cm wide and 1.8 cm tall at each wrist, cuff bands 1 cm wide, and three folds per sleeve. State where each fold starts and ends.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

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Original task 3 / independent drawing and calculation

Task 3

A student draws both thumbs on the upper side of the grip and makes both sleeve openings perfect circles 4 cm in diameter. Identify the structural errors and describe a corrected construction using a 9 cm grip axis.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Shaking Hands Drawing: Grip and Sleeve Construction

Original task 4 / independent drawing and calculation

Task 4

Design a handshake with a jacket sleeve on the lower hand and a shirt cuff on the upper hand. Use a 12 cm grip axis, palm masses 7 cm long and 4.5 cm wide, and four finger bands per hand. Describe the sleeve differences and list three checks.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.