Eye Outline Drawing: Lid Contour and Iris Circle Guides

EXERCISE 1 / PRACTICE

Draw an eye outline on a 50 mm axis with an upper peak 15 mm above the axis, a lower trough 10 mm below, and an iris radius of 8 mm. Check that the iris stays inside the lids.

Draw using the stated dimensions at 1:1 scale. Mark corners, axis, vertical center guide and radius. For exercise 3, explain the limits of the measurements and check your own actual contours. Allow contact but no crossing.

Upper center clearance: _____ Lower center clearance: _____
Full contour check / adjustment: _____

Print at 100% Actual Size for 1:1 dimensions. These particular curves illustrate the checks; other contours require their own full-circle check. Lighter dashed lines are guides, not shading.

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EXERCISE 2 / PRACTICE

Draw a narrower eye on a 60 mm axis with an upper peak 12 mm above the axis, a lower trough 8 mm below, and an iris radius of 7 mm. Verify the iris placement.

Draw using the stated dimensions at 1:1 scale. Mark corners, axis, vertical center guide and radius. For exercise 3, explain the limits of the measurements and check your own actual contours. Allow contact but no crossing.

Upper center clearance: _____ Lower center clearance: _____
Full contour check / adjustment: _____

Print at 100% Actual Size for 1:1 dimensions. These particular curves illustrate the checks; other contours require their own full-circle check. Lighter dashed lines are guides, not shading.

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EXERCISE 3 / PRACTICE

An outline has a 60 mm axis, an upper peak 18 mm above, a lower trough 12 mm below, and an iris centered on the axis with radius 12 mm. Do these dimensions alone prove that the iris does not fit? Give the center clearances and explain how to check a fit. If your drawn circle crosses a lid, give one possible adjustment and recheck it.

Draw using the stated dimensions at 1:1 scale. Mark corners, axis, vertical center guide and radius. For exercise 3, explain the limits of the measurements and check your own actual contours. Allow contact but no crossing.

Upper center clearance: _____ Lower center clearance: _____
Full contour check / adjustment: _____

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EXERCISE 4 / PRACTICE

Draw a rounder eye on a 55 mm axis with an upper peak 20 mm above the axis, a lower trough 15 mm below, and an iris radius of 9 mm. Check the outline and placement.

Draw using the stated dimensions at 1:1 scale. Mark corners, axis, vertical center guide and radius. For exercise 3, explain the limits of the measurements and check your own actual contours. Allow contact but no crossing.

Upper center clearance: _____ Lower center clearance: _____
Full contour check / adjustment: _____

Print at 100% Actual Size for 1:1 dimensions. These particular curves illustrate the checks; other contours require their own full-circle check. Lighter dashed lines are guides, not shading.