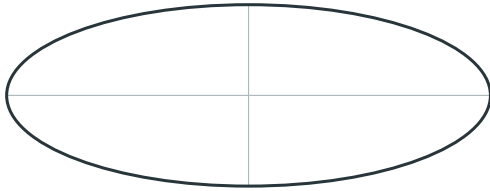
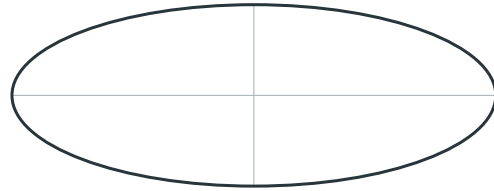


Large horizontal ellipses

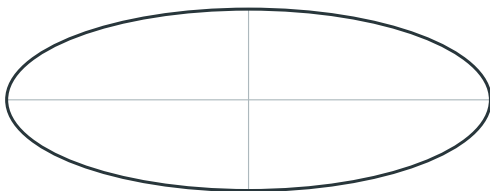
Use one calm pass. Check the major and minor axes, smooth turning and balance. Reference curves are geometric guides; hand-drawn quality is assessed with the checklist.



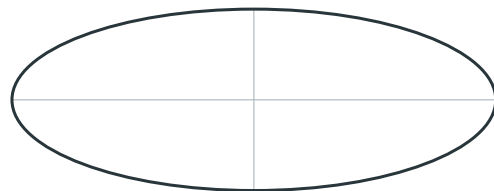
a=32, b=12 mm; rotation 0 deg



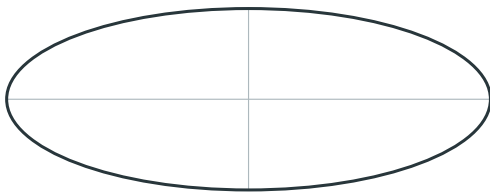
a=32, b=12 mm; rotation 0 deg



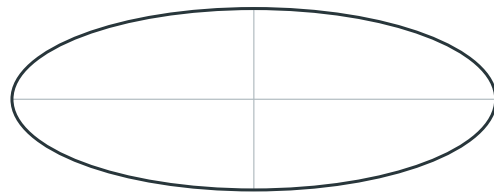
a=32, b=12 mm; rotation 0 deg



a=32, b=12 mm; rotation 0 deg



a=32, b=12 mm; rotation 0 deg

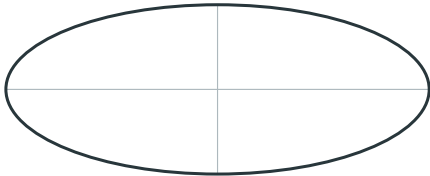


a=32, b=12 mm; rotation 0 deg

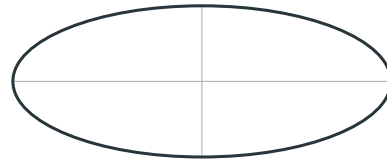
Self-check: smooth ends; centered axes; balanced halves; tangent contact with guide box when shown. A repeated line is a new attempt, not an exact numerical answer.

Smaller controlled loops

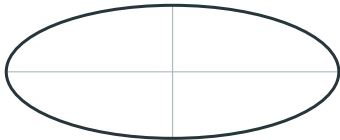
Use one calm pass. Check the major and minor axes, smooth turning and balance. Reference curves are geometric guides; hand-drawn quality is assessed with the checklist.



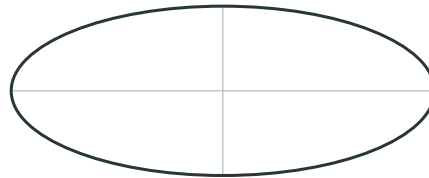
a=28, b=11.2 mm; rotation 0 deg



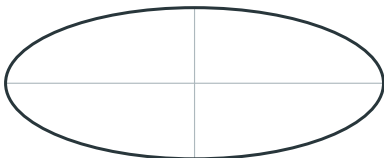
a=25, b=10 mm; rotation 0 deg



a=22, b=8.8 mm; rotation 0 deg



a=28, b=11.2 mm; rotation 0 deg



a=25, b=10 mm; rotation 0 deg

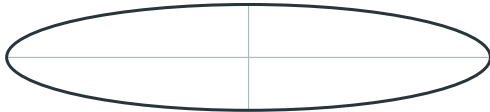


a=22, b=8.8 mm; rotation 0 deg

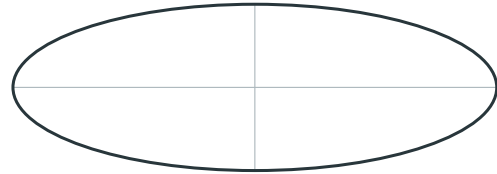
Self-check: smooth ends; centered axes; balanced halves; tangent contact with guide box when shown. A repeated line is a new attempt, not an exact numerical answer.

Compare ellipse ratios

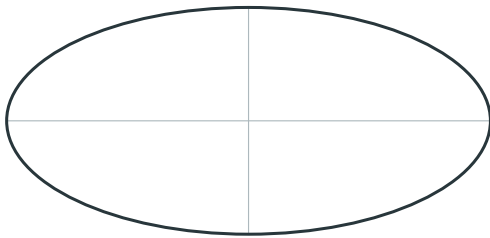
Use one calm pass. Check the major and minor axes, smooth turning and balance. Reference curves are geometric guides; hand-drawn quality is assessed with the checklist.



a=32, b=7 mm; rotation 0 deg



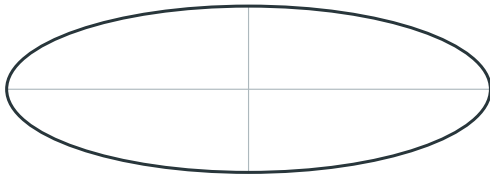
a=32, b=11 mm; rotation 0 deg



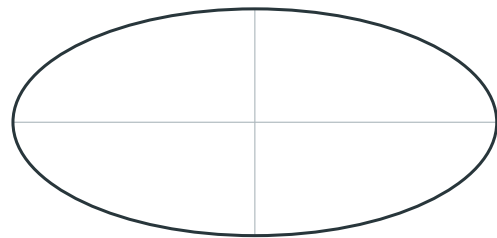
a=32, b=15 mm; rotation 0 deg



a=32, b=7 mm; rotation 0 deg



a=32, b=11 mm; rotation 0 deg

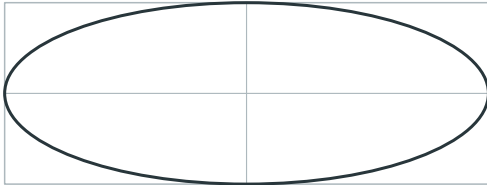


a=32, b=15 mm; rotation 0 deg

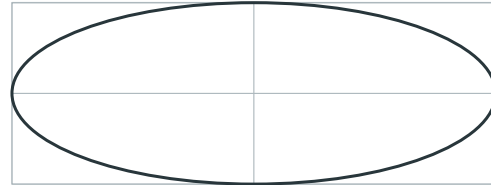
Self-check: smooth ends; centered axes; balanced halves; tangent contact with guide box when shown. A repeated line is a new attempt, not an exact numerical answer.

Fit ellipses inside boxes

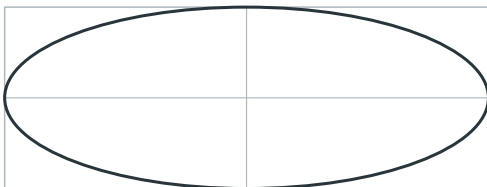
Use one calm pass. Check the major and minor axes, smooth turning and balance. Reference curves are geometric guides; hand-drawn quality is assessed with the checklist.



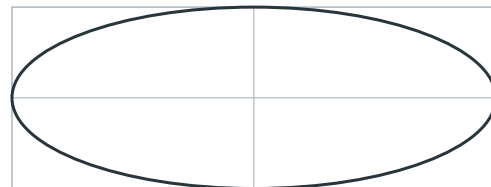
a=32, b=12 mm; rotation 0 deg



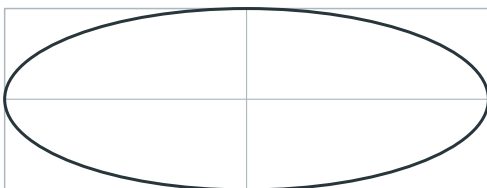
a=32, b=12 mm; rotation 0 deg



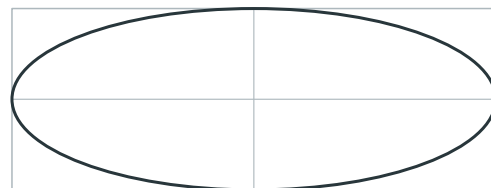
a=32, b=12 mm; rotation 0 deg



a=32, b=12 mm; rotation 0 deg



a=32, b=12 mm; rotation 0 deg

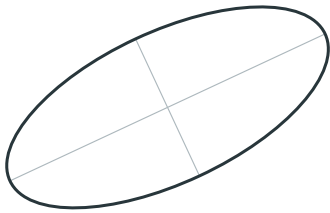


a=32, b=12 mm; rotation 0 deg

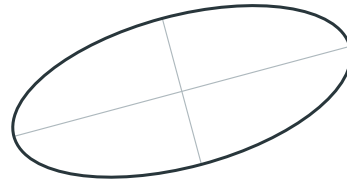
Self-check: smooth ends; centered axes; balanced halves; tangent contact with guide box when shown. A repeated line is a new attempt, not an exact numerical answer.

Rotate the ellipse axes

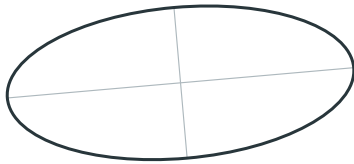
Use one calm pass. Check the major and minor axes, smooth turning and balance. Reference curves are geometric guides; hand-drawn quality is assessed with the checklist.



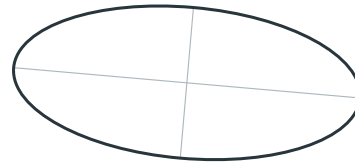
a=23, b=10 mm; rotation -25 deg



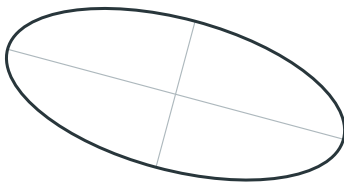
a=23, b=10 mm; rotation -15 deg



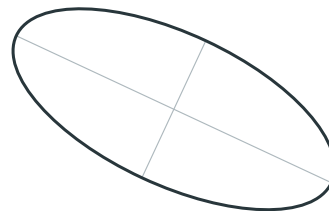
a=23, b=10 mm; rotation -5 deg



a=23, b=10 mm; rotation 5 deg



a=23, b=10 mm; rotation 15 deg

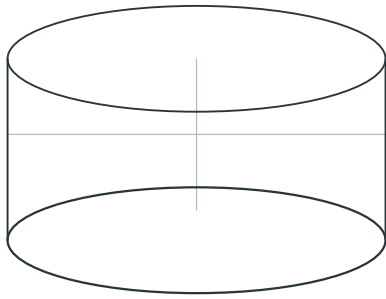


a=23, b=10 mm; rotation 25 deg

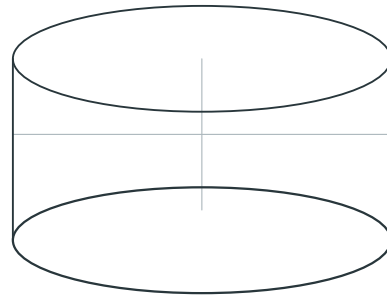
Self-check: smooth ends; centered axes; balanced halves; tangent contact with guide box when shown. A repeated line is a new attempt, not an exact numerical answer.

Build simple cylinders

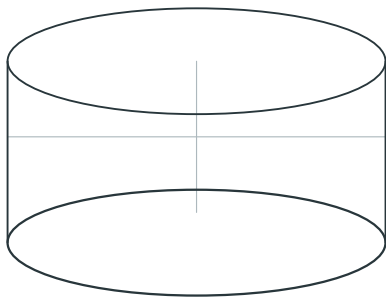
Use one calm pass. Check the major and minor axes, smooth turning and balance. Reference curves are geometric guides; hand-drawn quality is assessed with the checklist.



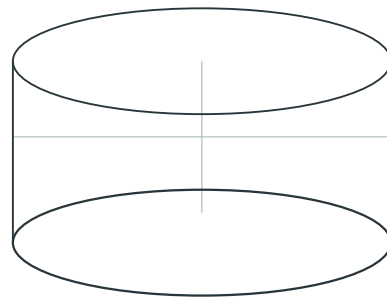
a=25, b=10 mm; rotation 0 deg



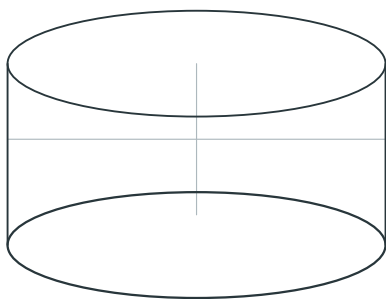
a=25, b=10 mm; rotation 0 deg



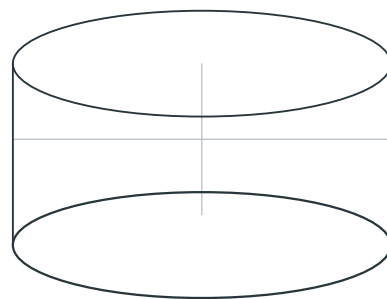
a=25, b=10 mm; rotation 0 deg



a=25, b=10 mm; rotation 0 deg



a=25, b=10 mm; rotation 0 deg



a=25, b=10 mm; rotation 0 deg

Self-check: smooth ends; centered axes; balanced halves; tangent contact with guide box when shown. A repeated line is a new attempt, not an exact numerical answer.