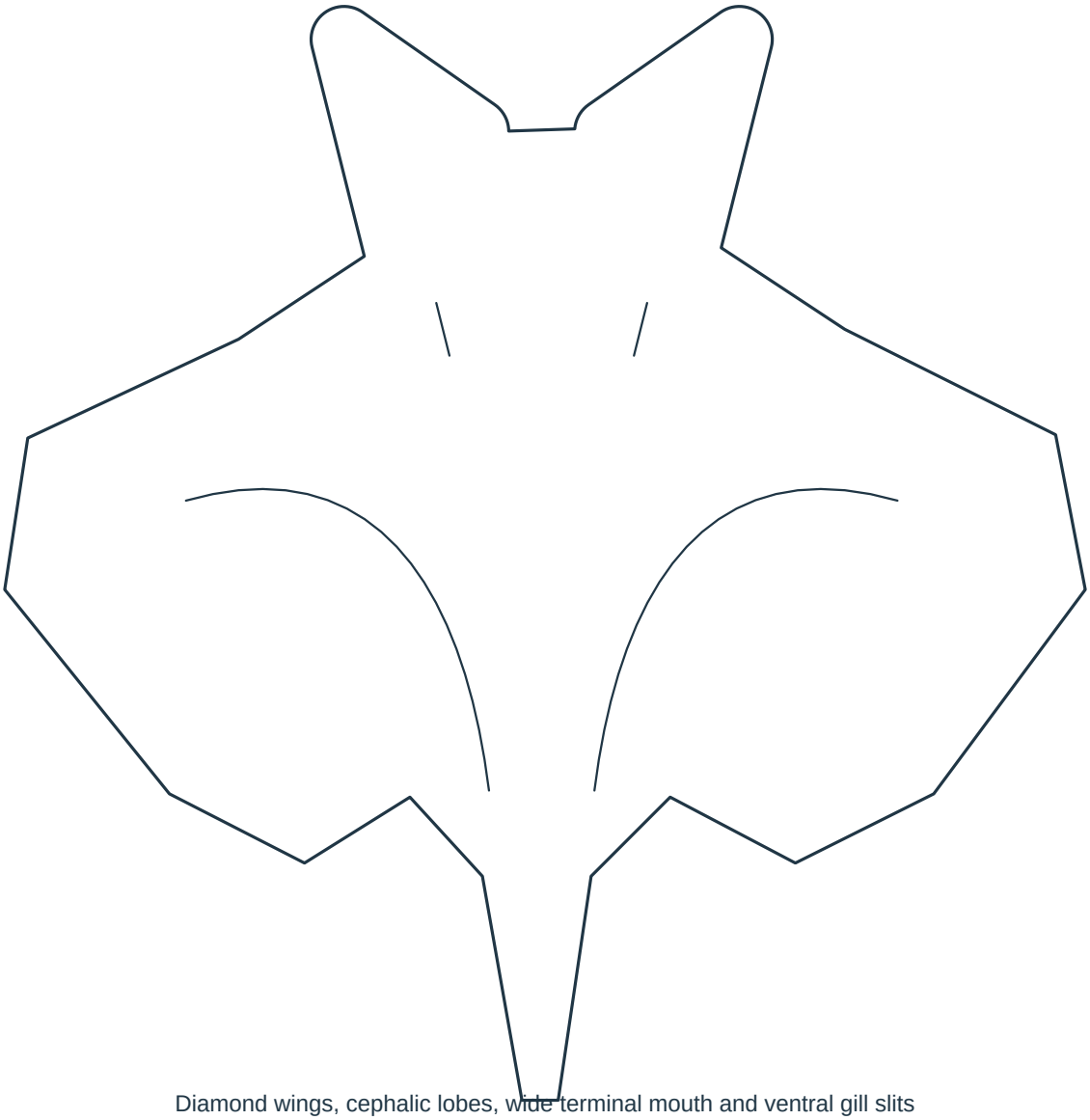
Manta Ray tracing and cutout studies

Manta Ray dorsal / trace detail; cut exterior only

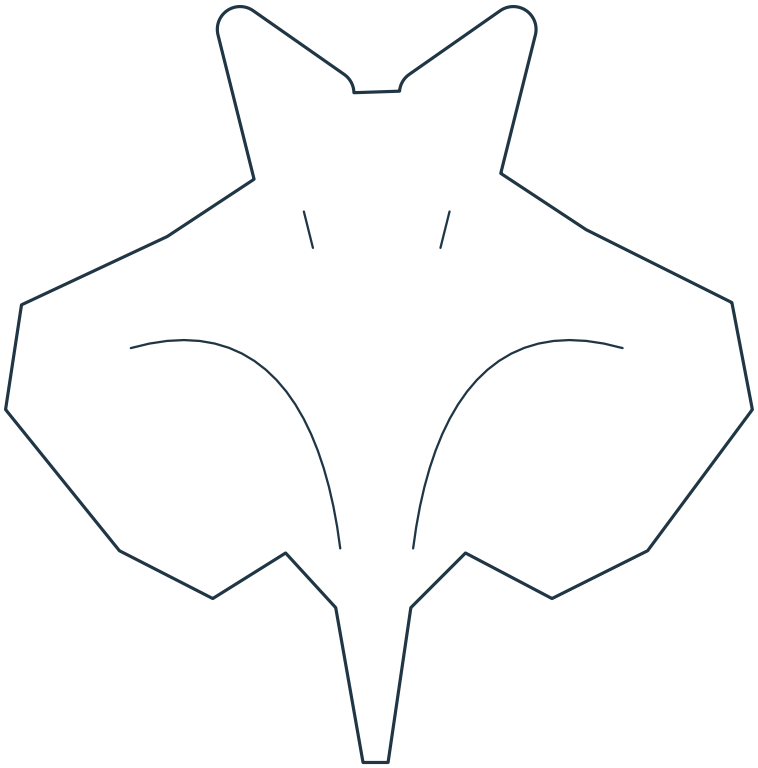


Diamond wings, cephalic lobes, wide terminal mouth and ventral gill slits

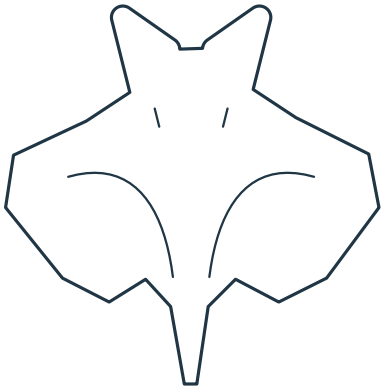
50 mm scale check / print at actual size (100%)

Manta Ray tracing and cutout studies

Smaller dorsal views / check fine parts on paper



100 mm longest axis

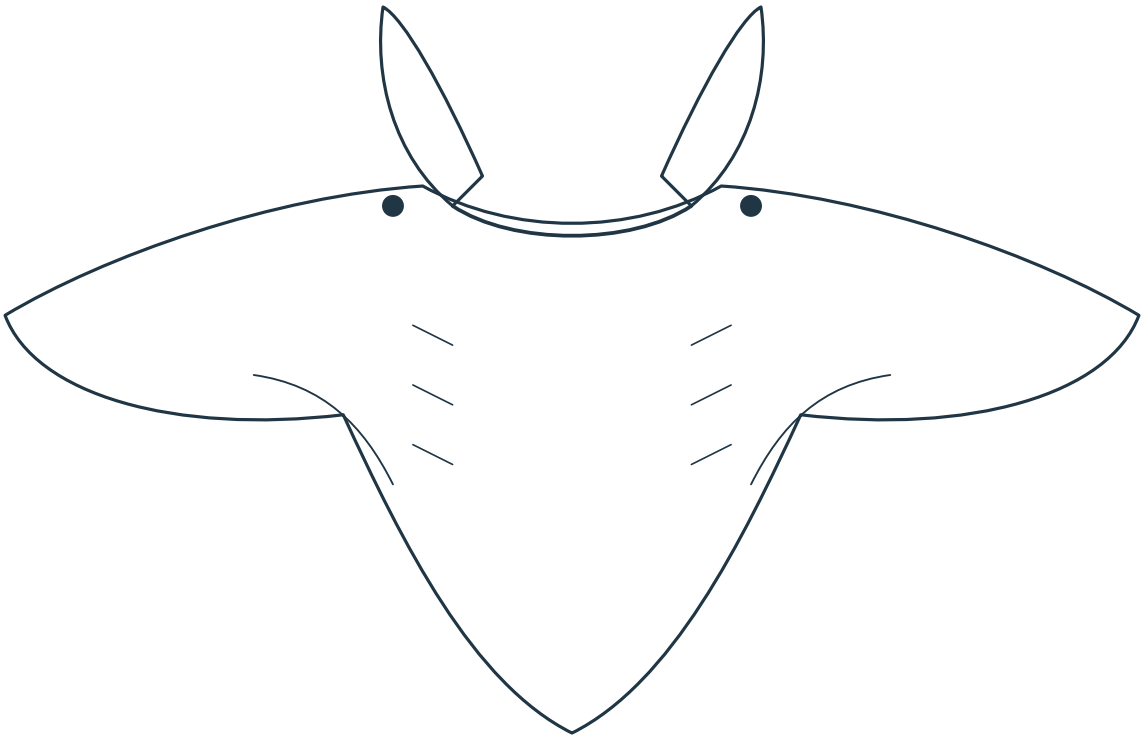


50 mm longest axis

50 mm scale check / print at actual size (100%)

Manta Ray tracing and cutout studies

Manta Ray front study / subject-specific identifying detail

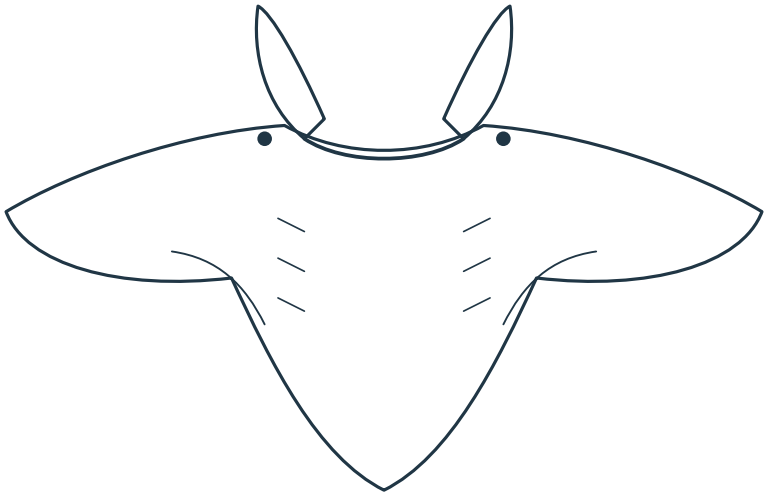


Front study: trace inner marks; cut outer edge only.

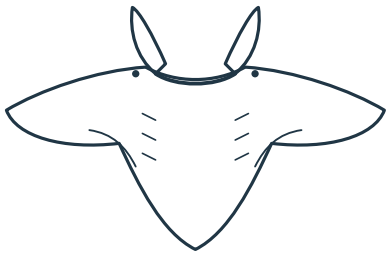
50 mm scale check / print at actual size (100%)

Manta Ray tracing and cutout studies

Smaller front studies / compare subject recognition



100 mm longest axis

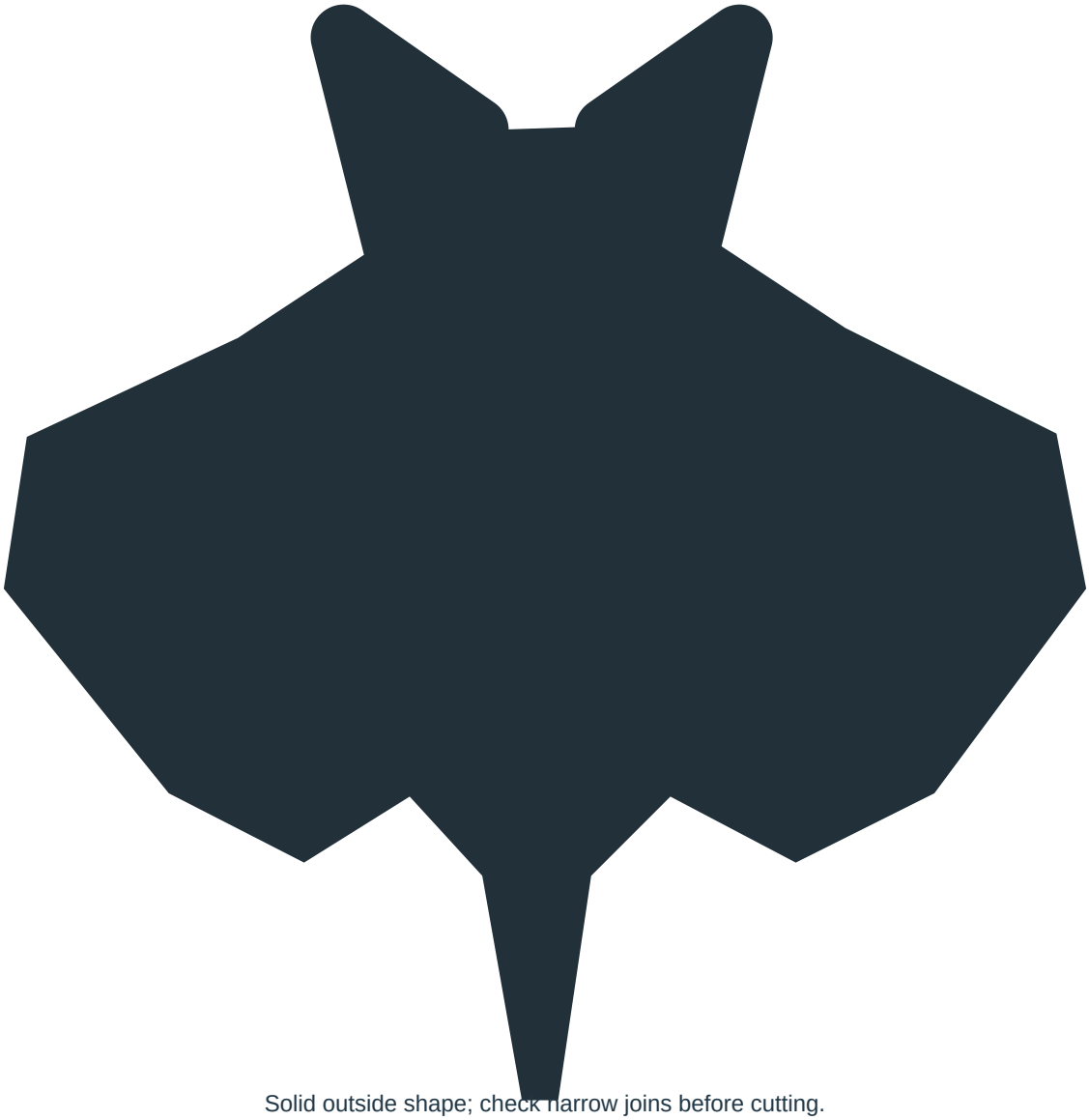


50 mm longest axis

50 mm scale check / print at actual size (100%)

Manta Ray tracing and cutout studies

Outside-only solid shape / broad paper mask



Solid outside shape; check narrow joins before cutting.

50 mm scale check / print at actual size (100%)

Manta Ray tracing and cutout studies

Smaller solid shapes / trial-cut the smallest joins



100 mm longest axis



50 mm longest axis

50 mm scale check / print at actual size (100%)

Manta Ray tracing and cutout studies

How to use the dorsal, front and solid views

PURPOSE

Stylized manta ray studies for tracing, coloring and loose paper cutouts.
Dorsal, front and solid views are distinct drawing roles.
Each view has 150, 100 and 50 mm longest-axis versions.

MATERIALS

Use plain paper for tracing or coloring and suitable card for cutouts.
Gather a pencil, coloring materials, ruler and scissors.

PRINT AND CHOOSE

Use the Letter or A4 edition that matches the printer tray.
Print at actual size (100%); disable fit-to-page.
Measure the 50 mm bar and an artwork axis before transfer.
Begin with 150 mm; choose 50 mm only when details remain clear.

USE AND STORE

Trace or color interior marks; cut the outer contour only.
Do not turn drawing details into slits or cutter bridges.
Trial-cut plain paper and support narrow fins, lobes or tusks.
Use a larger size if the material cannot hold a fine join.
Label reusable cutouts on the back and store them flat.

LIMITS AND REVIEW

These are craft studies, not species identification or anatomy references.
No cutting-machine compatibility or cutter-ready claim is made.
Inspect recognition and fragile joins at 50 mm on real paper.
Reviewed digitally; physical printing and cutting were not tested.



50 mm scale check / print at actual size (100%)