

Team VITESSE

Engineering Drawings

Proudly Supported By



Table of Contents

1. Main Car Body

2. Wheels

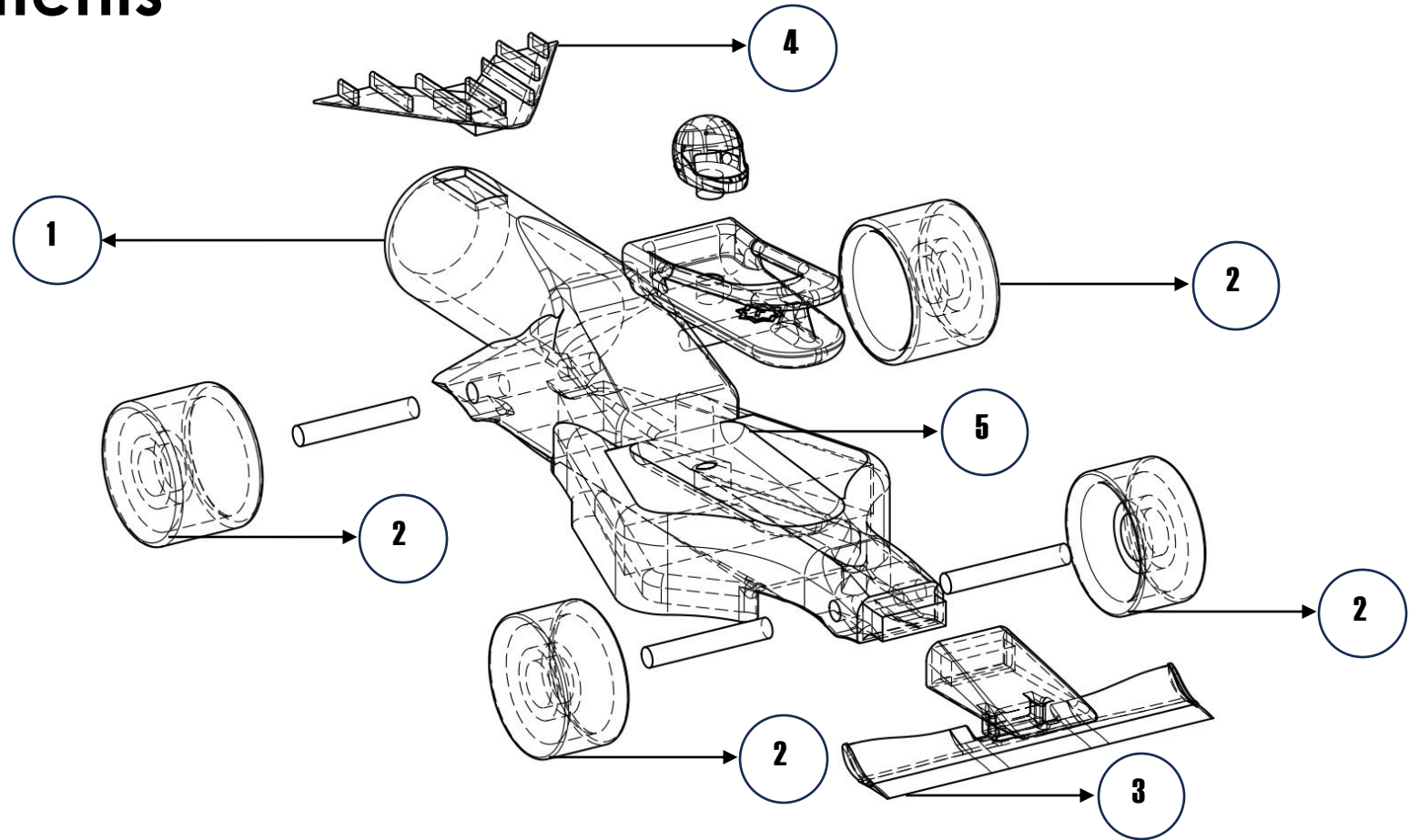
- Front Wheel
- Rear Wheel
- Axles

3. Nosecone

4. Rear Wing

5. Virtual Cargo

- Isolated
- Integrated



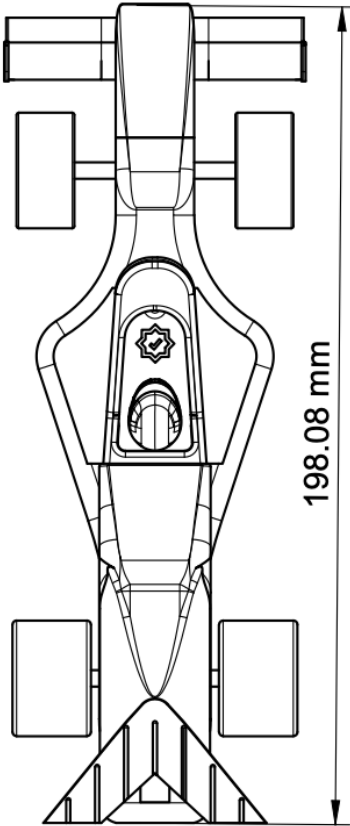
Intended Finish Quality

Our goal for the finish quality of our National Finals car is to achieve a visually striking and aerodynamically efficient surface. The car's main body is coated in a high-gloss purple finish, chosen not only for its bold and vibrant appearance but also for its ability to reduce surface irregularities, thereby minimising drag. In contrast, the secondary components are finished in a sleek matte black, providing a modern, high-performance aesthetic that highlights the car's form. Special attention is given to the application of decals. Instead of being simply stickers, our decals are treated as integral design elements. They are carefully aligned, pressed firmly onto the contoured surfaces, and finished with a glossy seal to prevent air pockets or edges from lifting. This ensures they adhere perfectly to the car body without any flapping or peeling during the race, which could otherwise disrupt airflow. The glossy finish of the decals further reduces surface friction and contributes to the overall aerodynamic performance of the car. Together, the vibrant colour scheme, seamless surface finish, and professionally applied decals create a car that not only performs at a high level but also leaves a lasting visual impression on judges, spectators, and competitors alike.

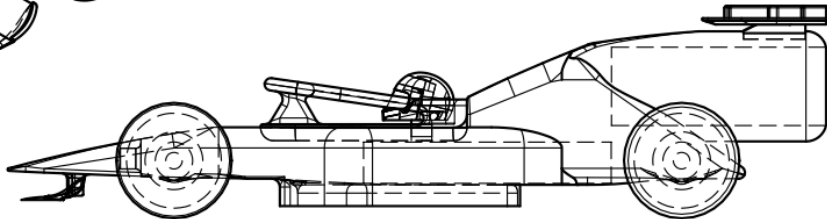
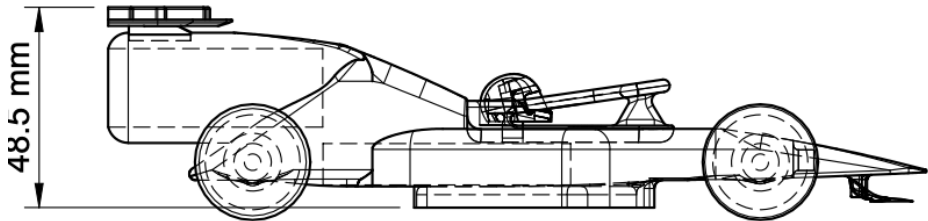
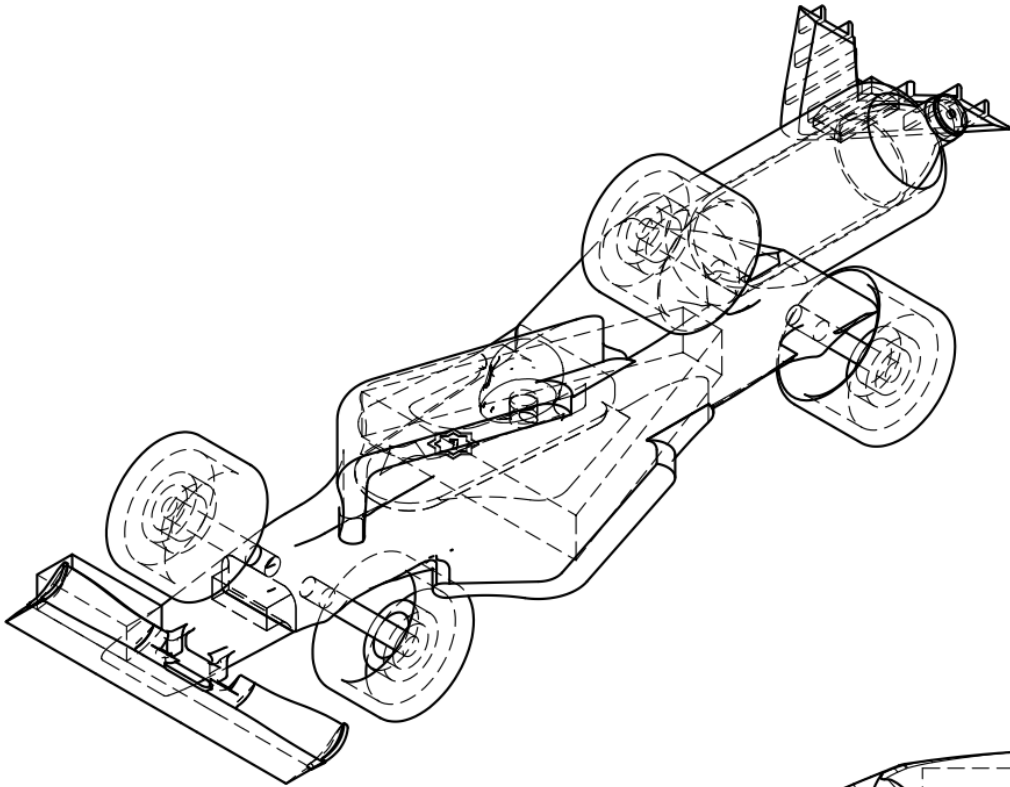
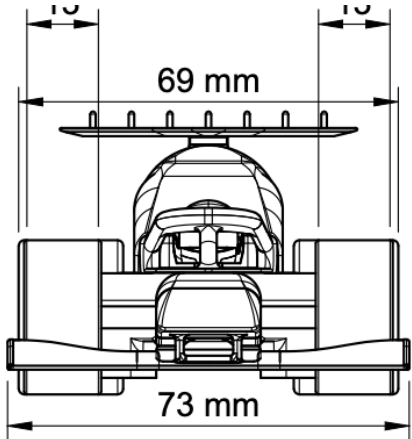
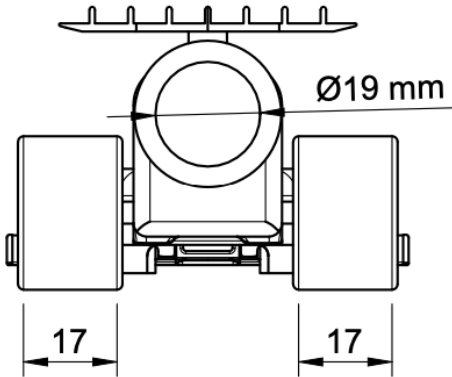
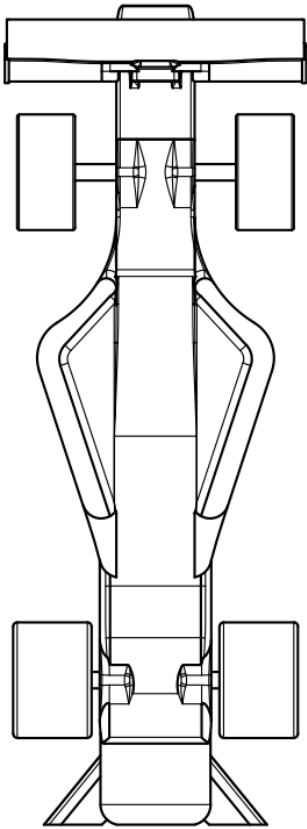
Engineering Drawings

Main Car Body

Top View

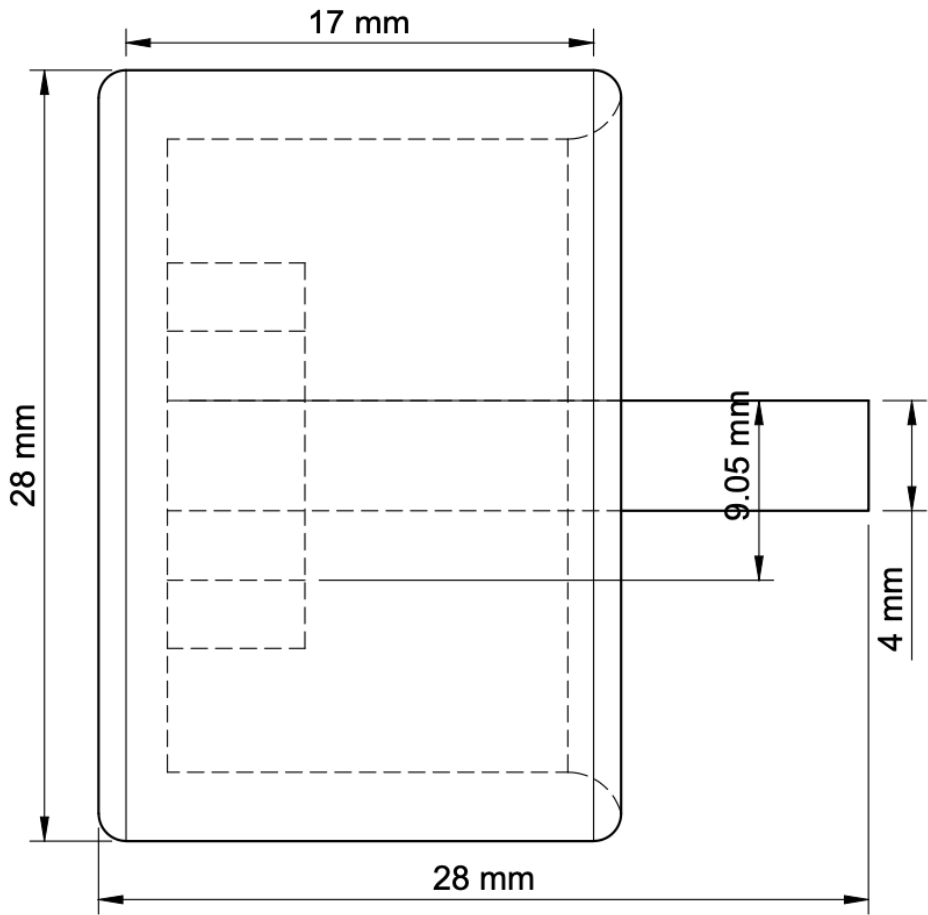


Bottom View

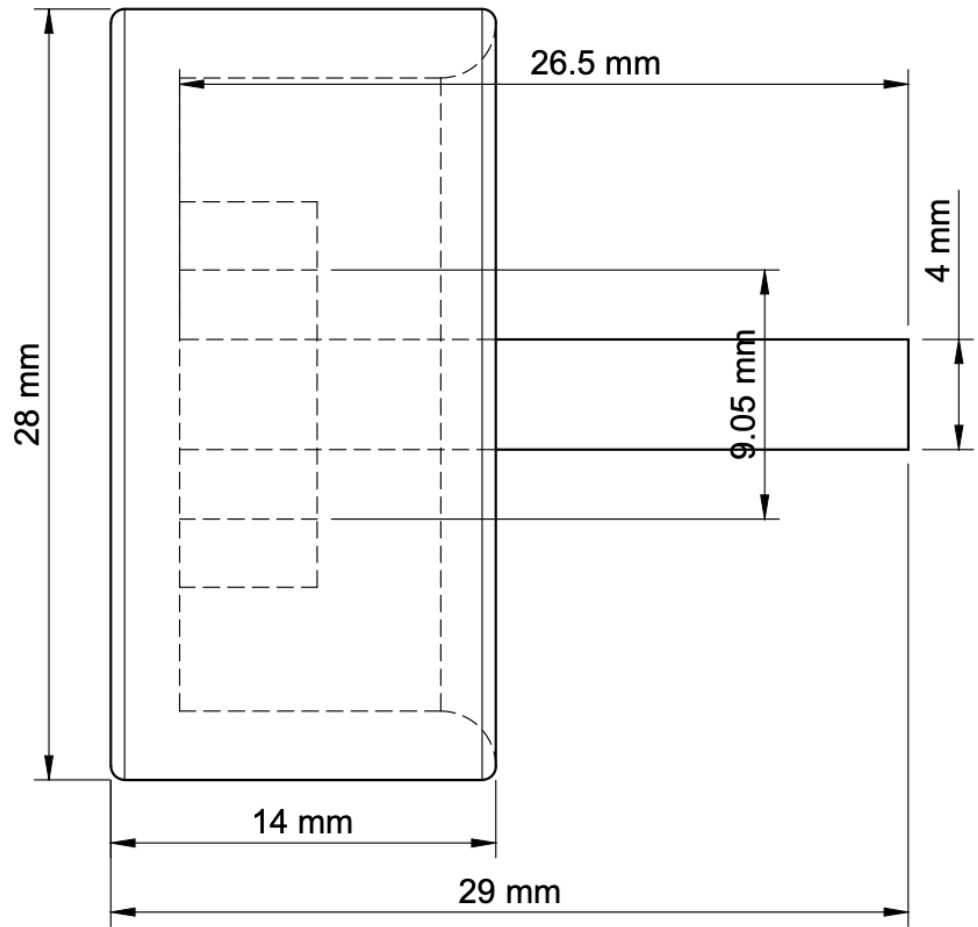


Engineering Drawings

Wheels (Front and Rear)



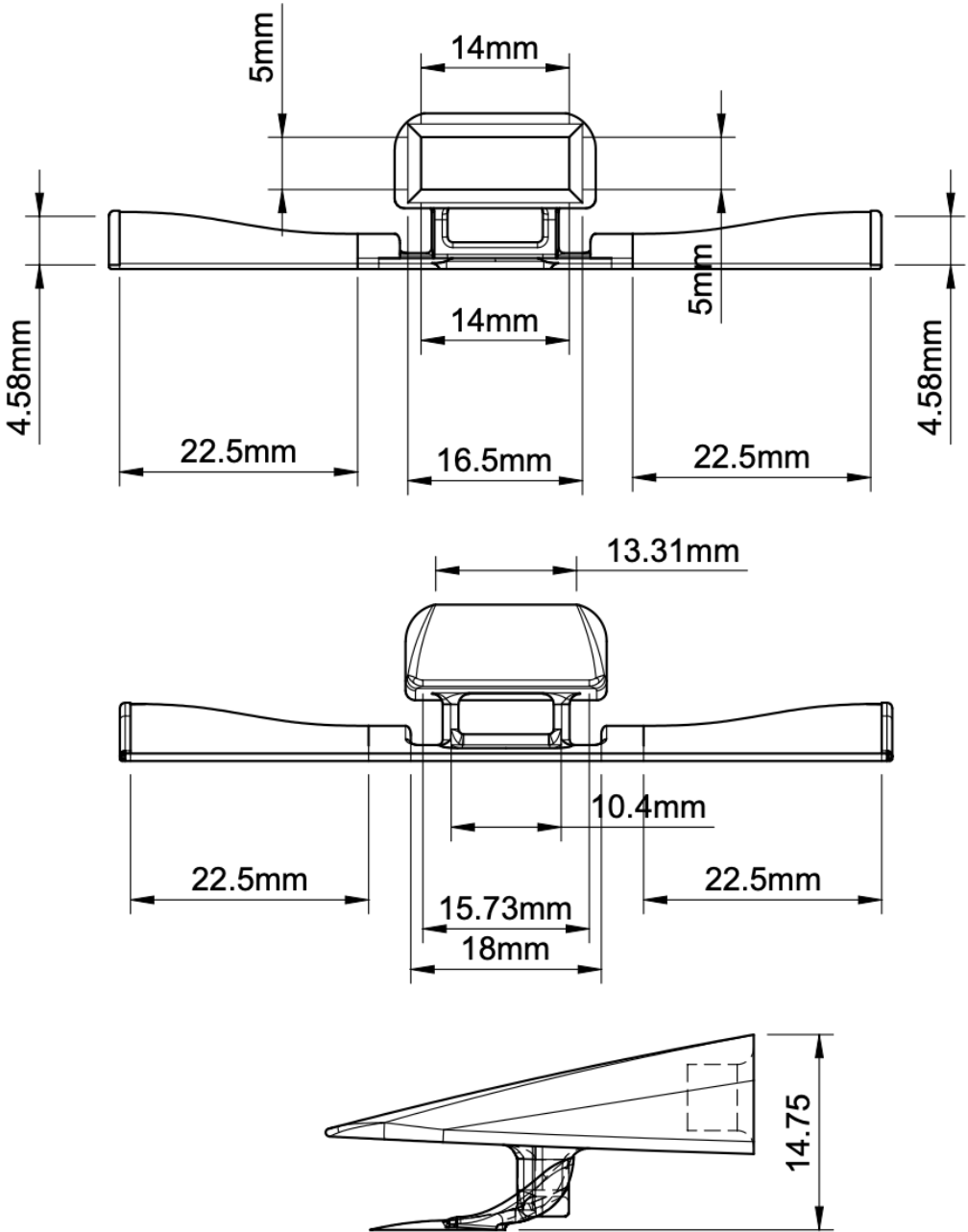
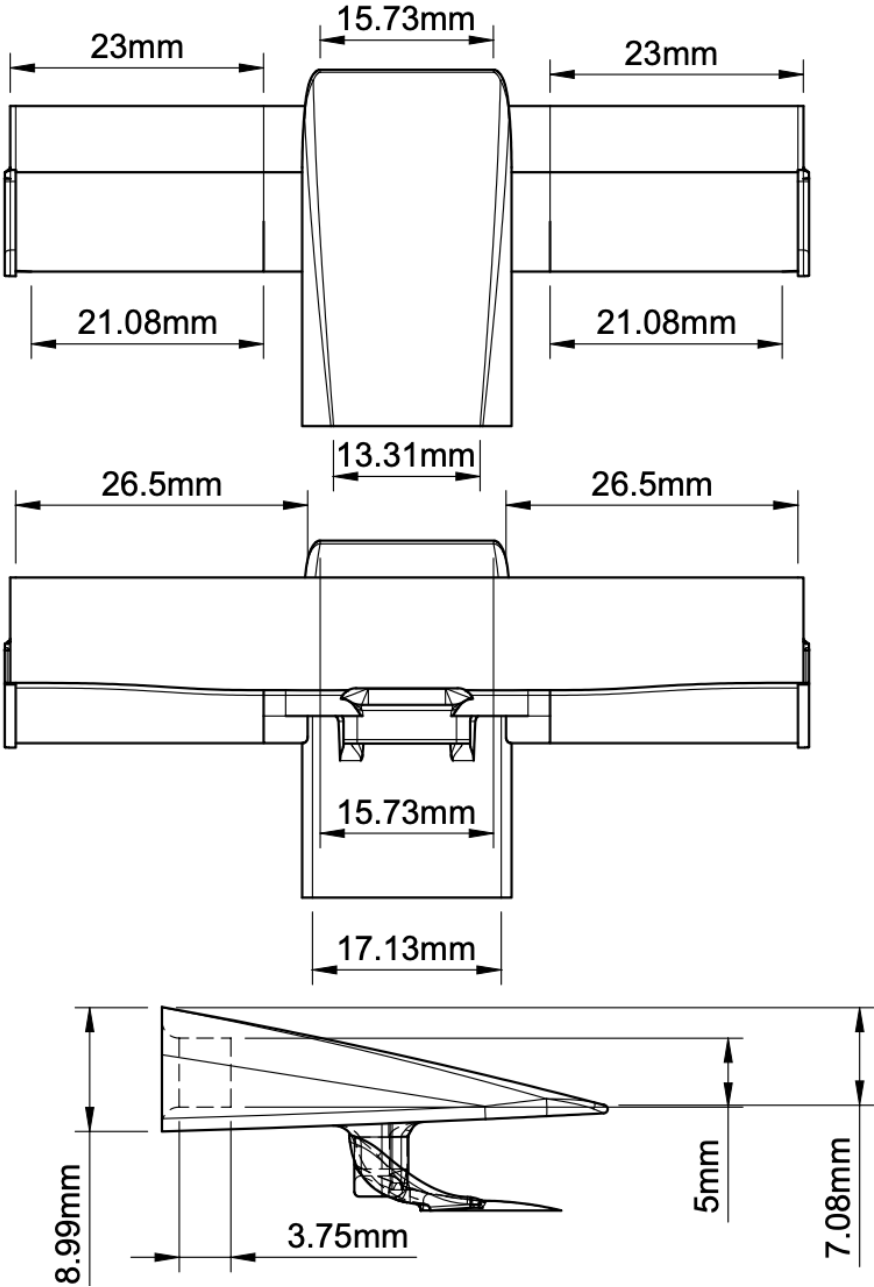
Rear Wheel



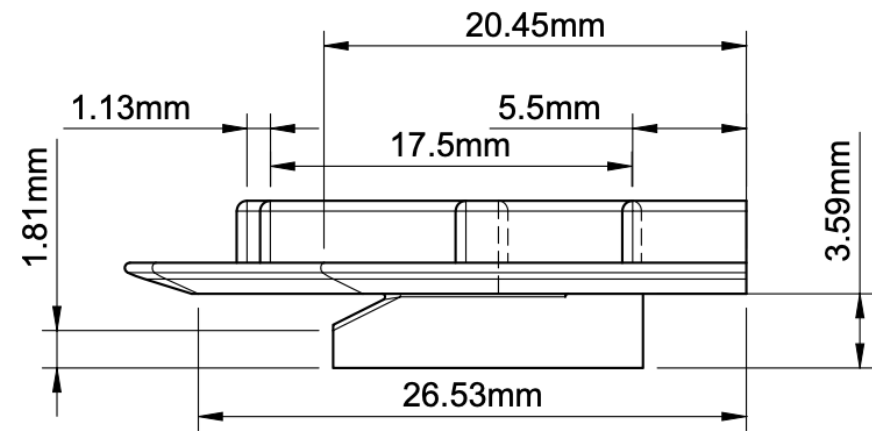
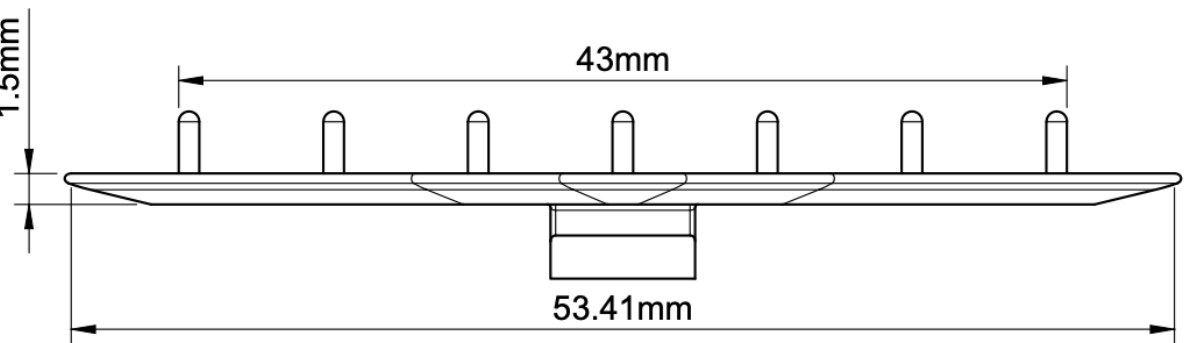
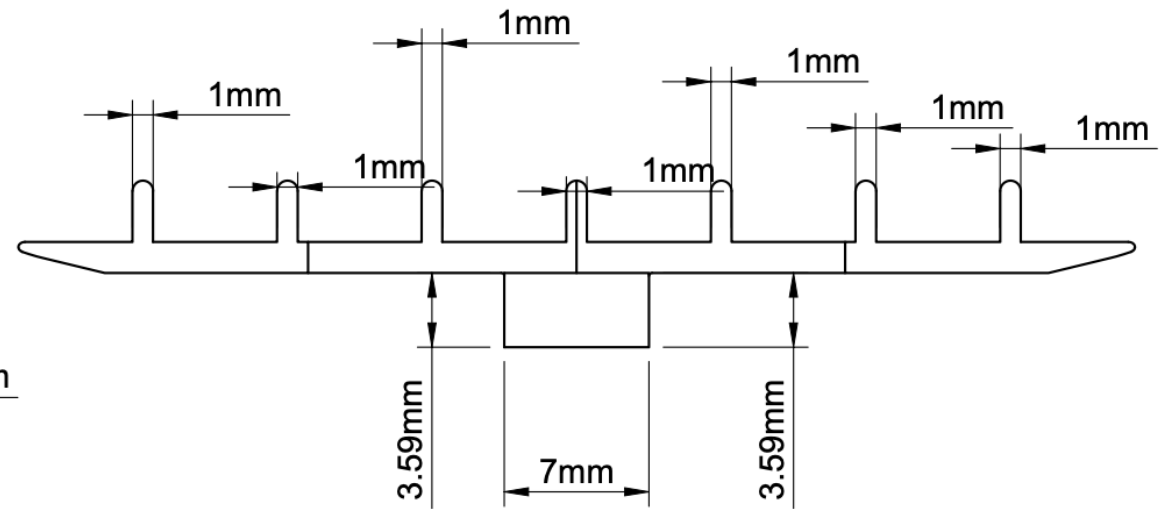
Front Wheel

Engineering Drawings

Nosecone

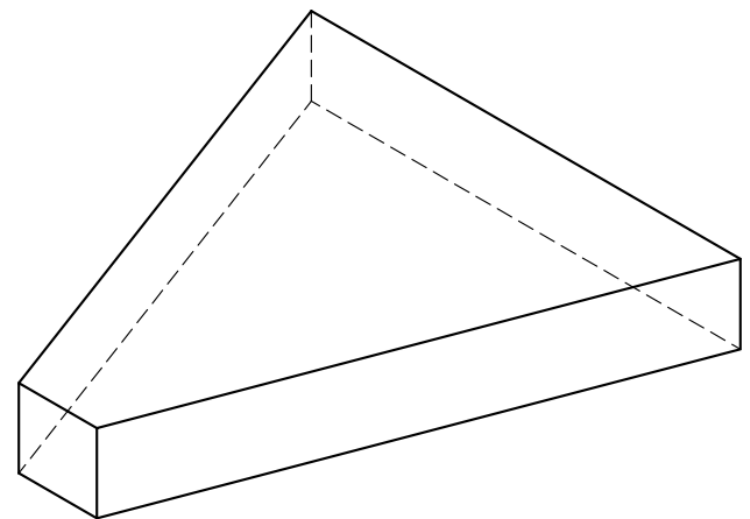
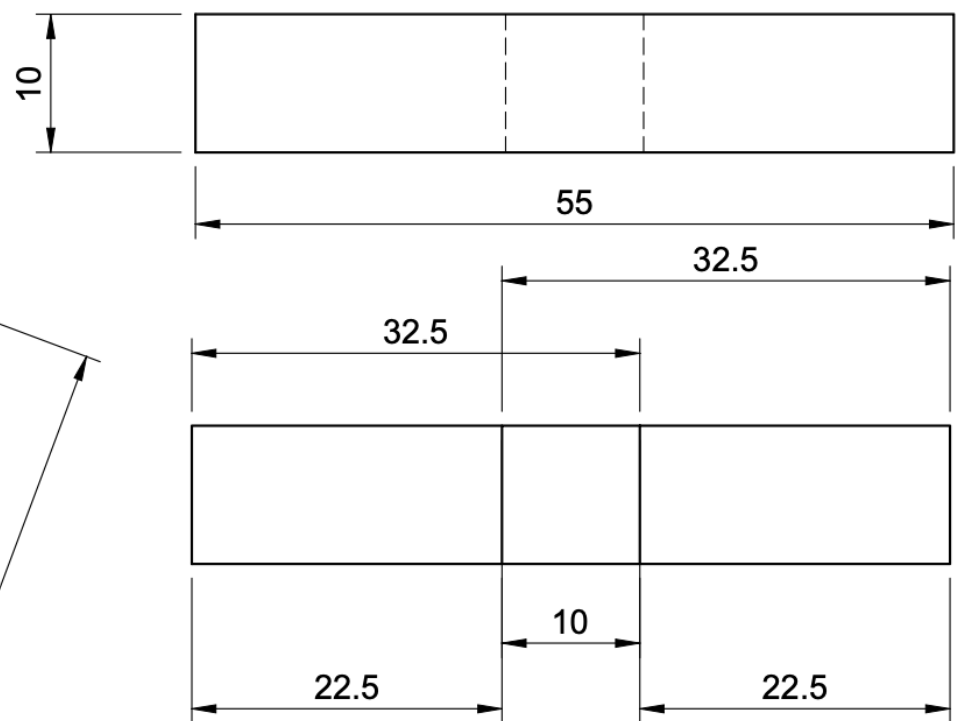
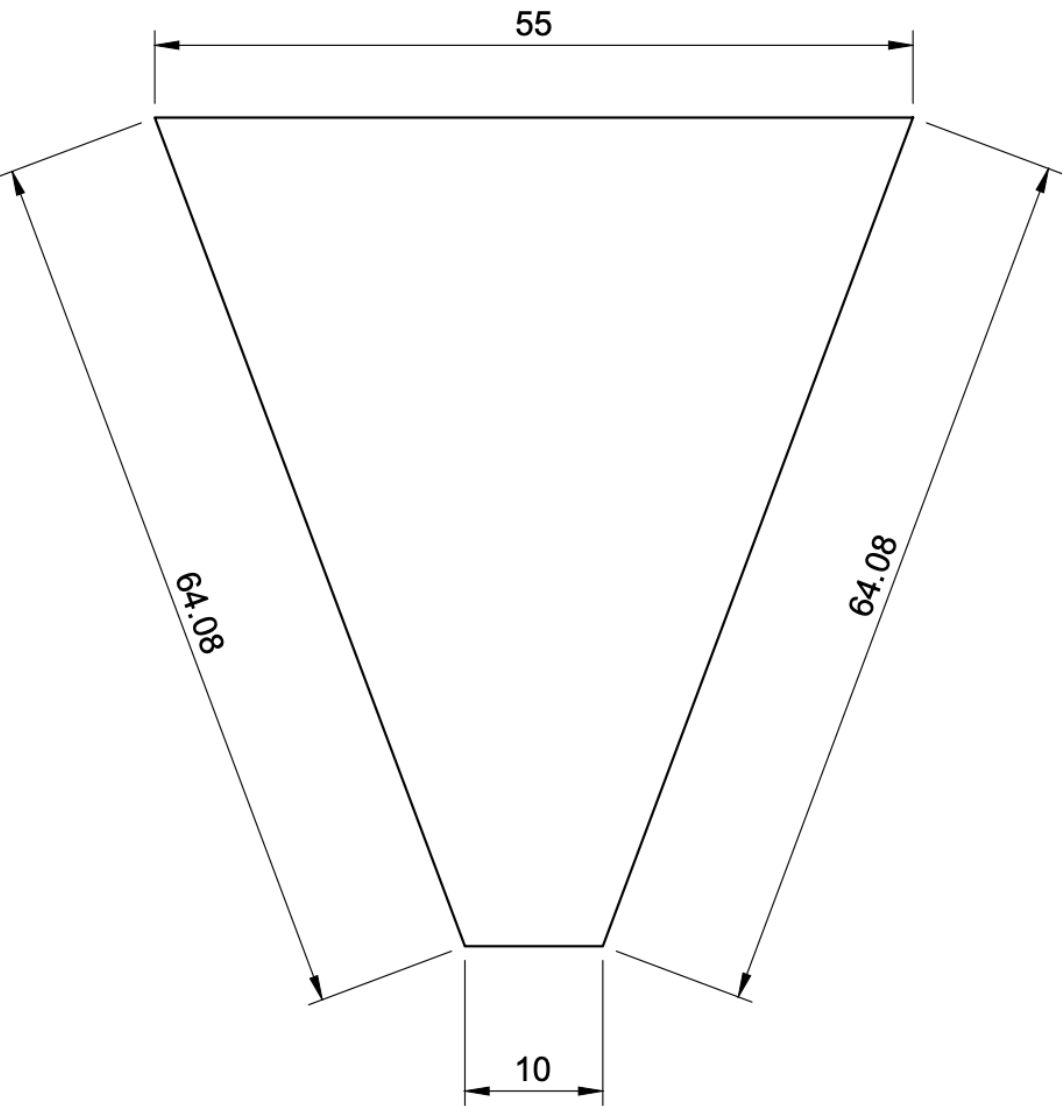


Rear Wing



Engineering Drawings

Virtual Cargo



Engineering Drawings

Virtual Cargo

