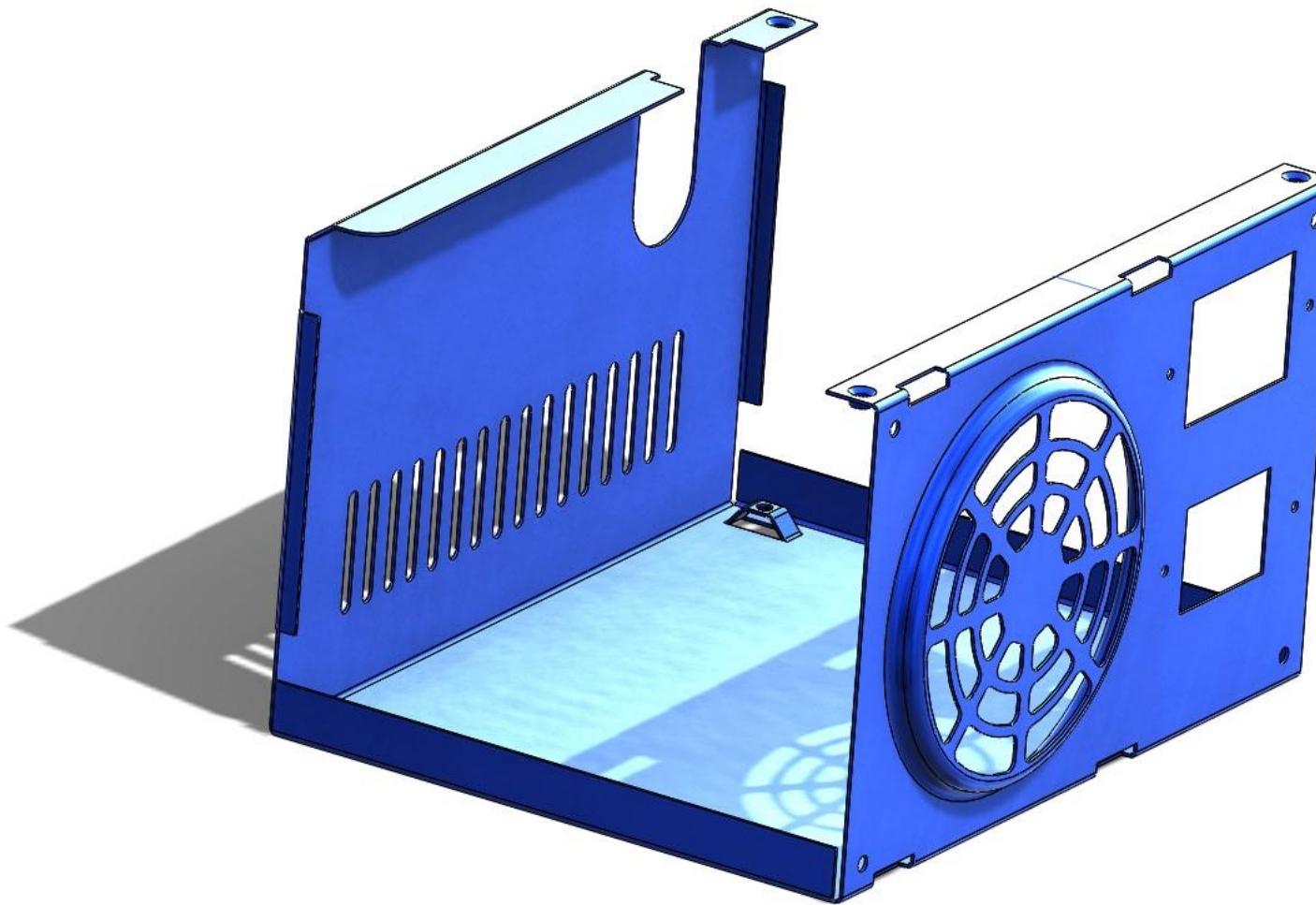
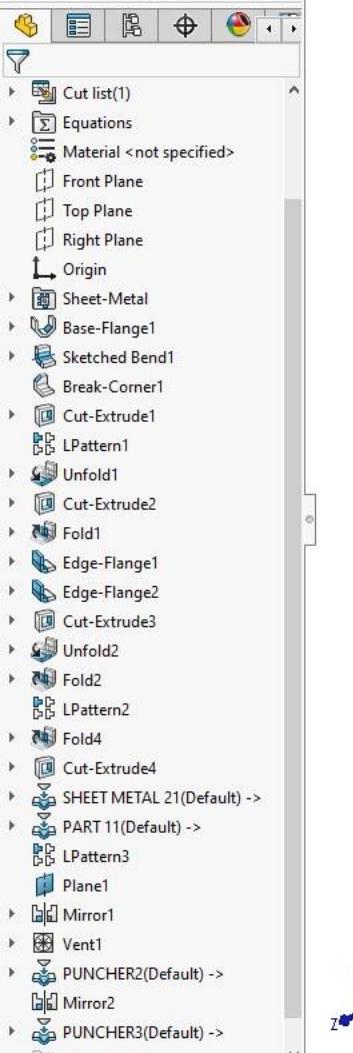




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Features Sketch Surfaces Sheet Metal Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS CAM TBM SOLIDWORKS Inspection

Cut list(1)

Equations

Material <not specified>

- Front Plane
- Top Plane
- Right Plane
- Origin

Sheet-Metal

Base-Flange1

Sketched Bend1

Break-Corner1

Cut-Extrude1

LPattern1

Unfold1

Cut-Extrude2

Fold1

Edge-Flange1

Edge-Flange2

Cut-Extrude3

Unfold2

Fold2

LPattern2

Fold4

Cut-Extrude4

SHEET METAL 21(Default) ->

PART 11(Default) ->

- LPattern3
- Plane1

Mirror1

Vent1

PUNCHER2(Default) ->

- Mirror2
- PUNCHER3(Default) ->

Flat-Pattern

*Front

Model 3D Views Motion Study 1

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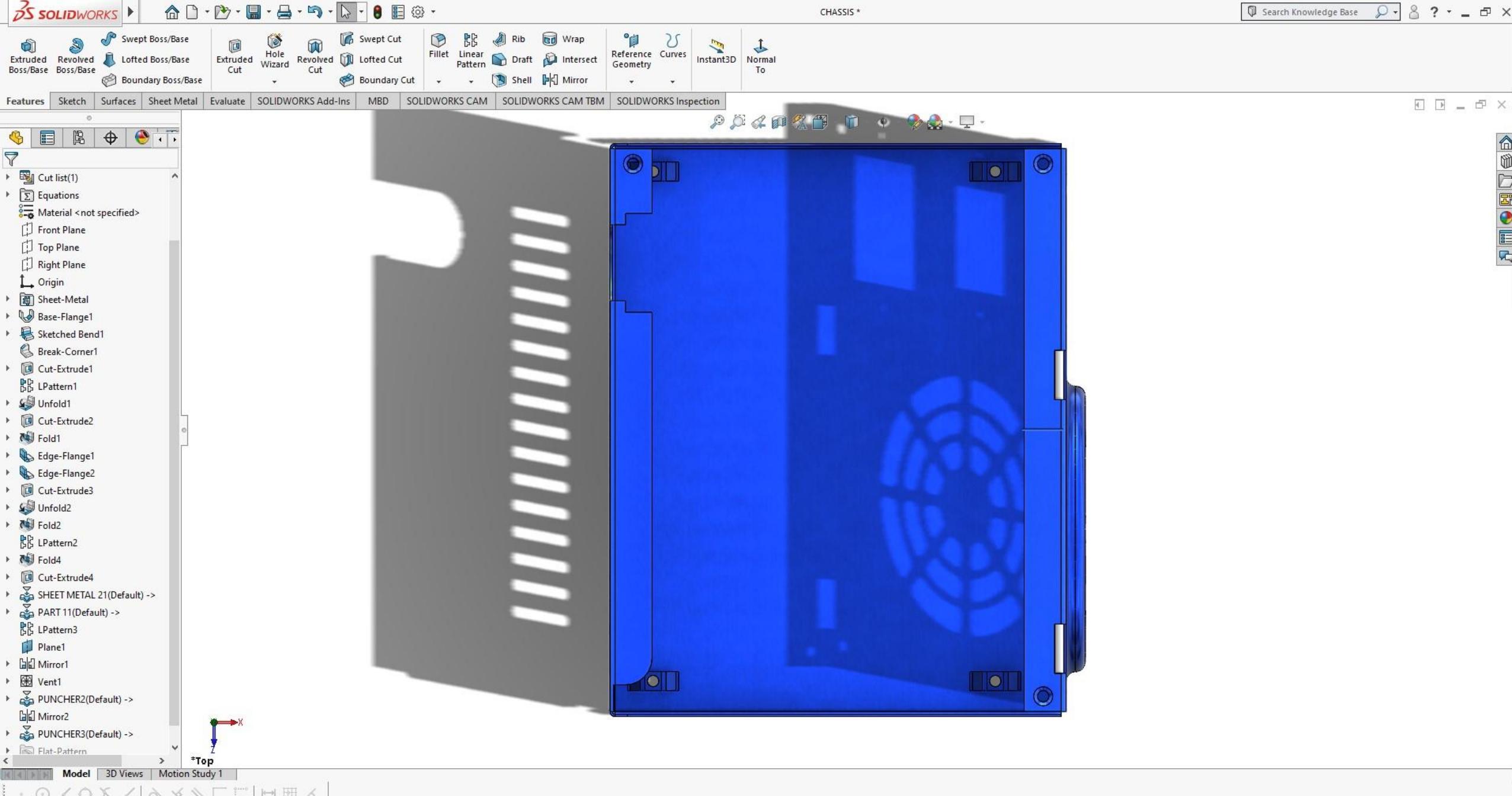
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Cut-Extrude3

Unfold2

Fold2

LPattern2

Fold4

Cut-Extrude4

SHEET METAL 21(Default) ->

PART 11(Default) ->

LPattern3

Plane1

Mirror1

Vent1

PUNCHER2(Default) ->

Mirror2

PUNCHER3(Default) ->

Flat-Pattern

*Right

Model 3D Views Motion Study 1

SOLIDWORKS Premium 2019 SP4.0

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Windows Start File Explorer Settings Microsoft Edge Internet Explorer Task View SOLIDWORKS 2019

The image shows a screenshot of the SOLIDWORKS CAD software interface. The main workspace displays a blue sheet metal part with a complex circular pattern of holes and slots. On the left, the FeatureManager tree lists various features such as 'Cut list(1)', 'Equations', 'Material <not specified>', and several 'Base-Flange' and 'Cut-Extrude' features. A local coordinate system (X, Y, Z) is shown at the bottom left. The bottom of the screen features the Windows taskbar with icons for Start, File Explorer, Settings, Microsoft Edge, Internet Explorer, Task View, SOLIDWORKS 2019, and a system tray showing battery level (57%), time (8:36 PM), date (1/18/2020), and a notification.

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Search Knowledge Base

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Cut-Extrude3

Unfold2

Fold2

LPattern2

Fold4

Cut-Extrude4

SHEET METAL 21(Default) ->

PART 11(Default) ->

LPattern3

Plane1

Mirror1

Vent1

PUNCHER2(Default) ->

Mirror2

PUNCHER3(Default) ->

Flat-Pattern

Model 3D Views Motion Study 1

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Fold1

Edge-Flange1

Edge-Flange2

Cut-Extrude3

Unfold2

Fold2

LPattern2

Fold4

Cut-Extrude4

SHEET METAL 21(Default) ->

PART 11(Default) ->

LPattern3

Plane1

Mirror1

Vent1

PUNCHER2(Default) ->

Mirror2

PUNCHER3(Default) ->

Flat-Pattern

Model 3D Views Motion Study 1

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Edge-Flange2

Cut-Extrude3

Unfold2

Fold2

LPattern2

Fold4

Cut-Extrude4

SHEET METAL 21(Default) ->

PART 11(Default) ->

LPattern3

Plane1

Mirror1

Vent1

PUNCHER2(Default) ->

Mirror2

PUNCHER3(Default) ->

Flat-Pattern

Model 3D Views Motion Study 1

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SOLIDWORKS CHASSIS

Search Knowledge Base

Extruded Boss/Base Revolved Boss/Base Lofted Boss/Base Swept Boss/Base Hole Wizard Revolved Cut Lofted Cut Boundary Cut Fillet Linear Pattern Draft Intersect Reference Geometry Instant3D Normal To

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Edge-Flange2

Cut-Extrude3

Unfold2

Fold2

LPattern2

Fold4

Cut-Extrude4

SHEET METAL 21(Default) ->

PART 11(Default) ->

LPattern3

Plane1

Mirror1

Vent1

PUNCHER2(Default) ->

Mirror2

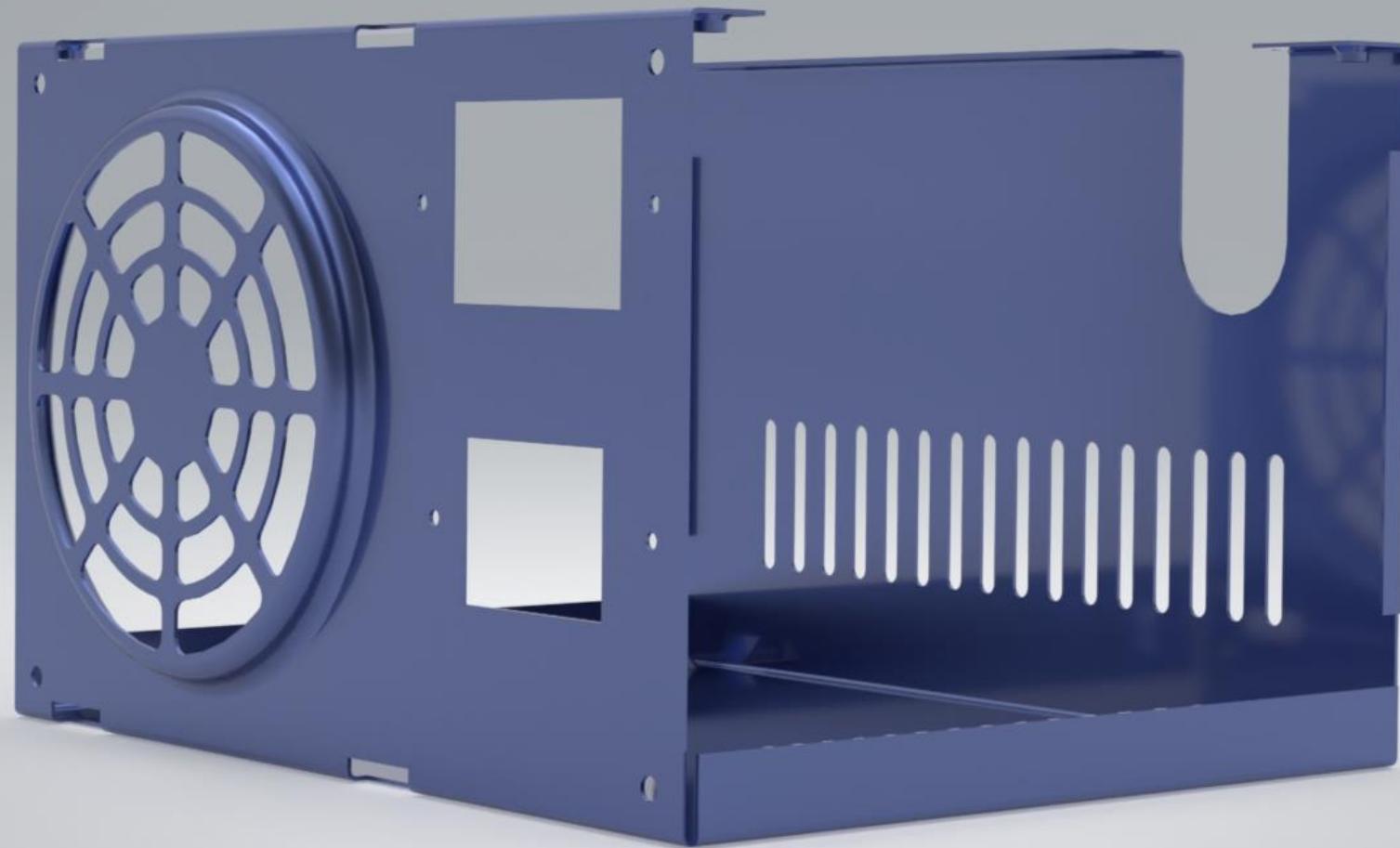
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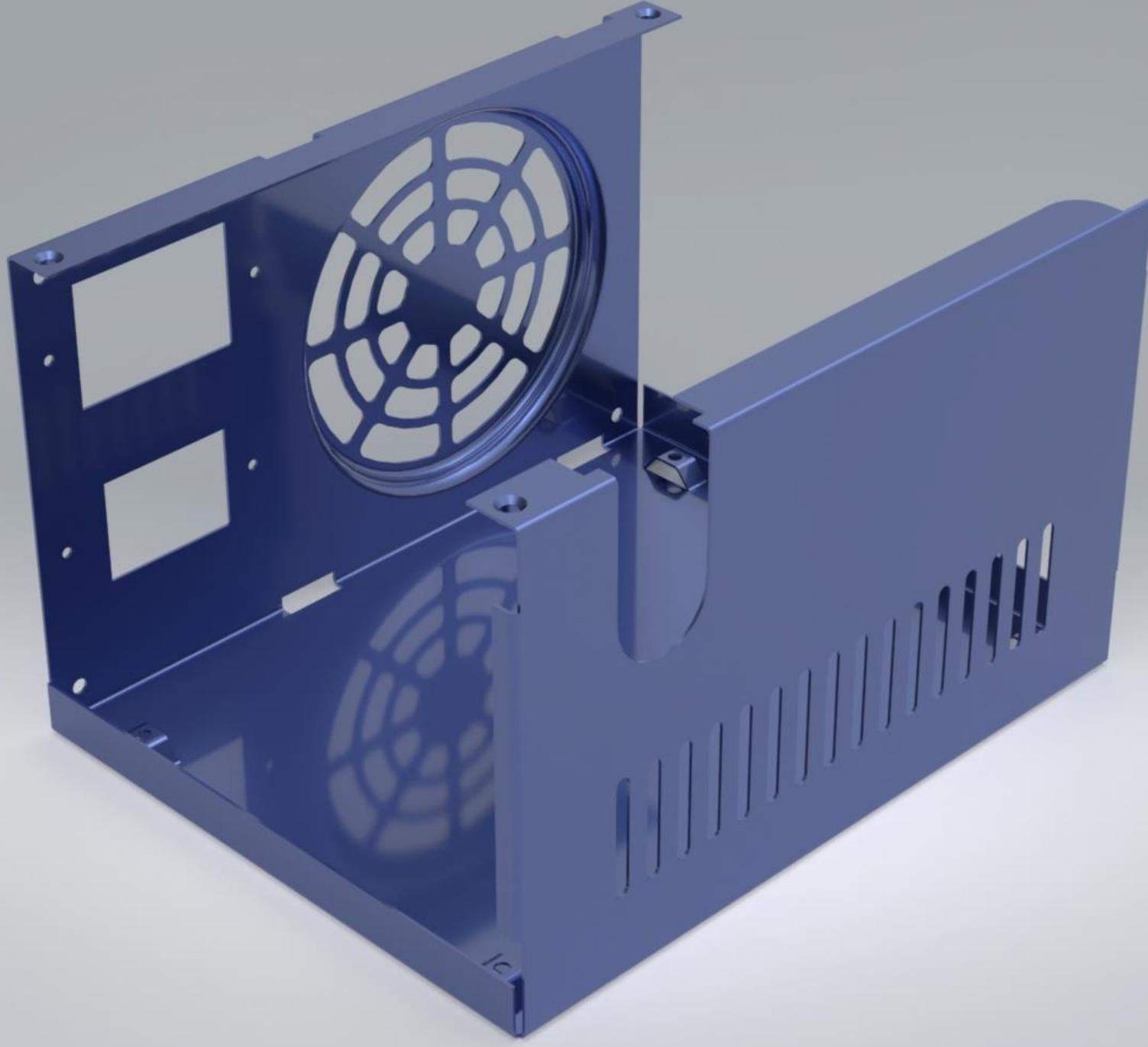
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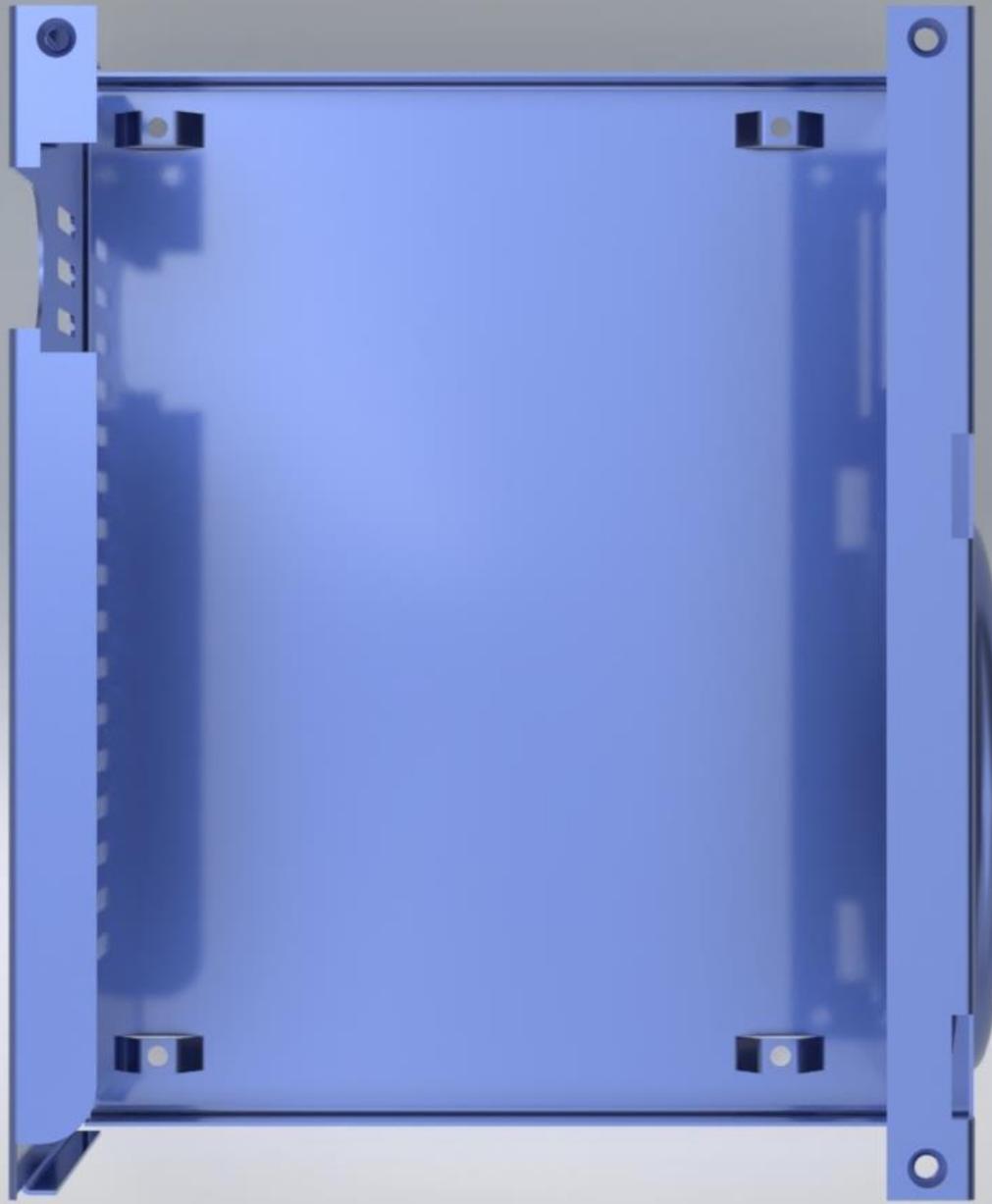
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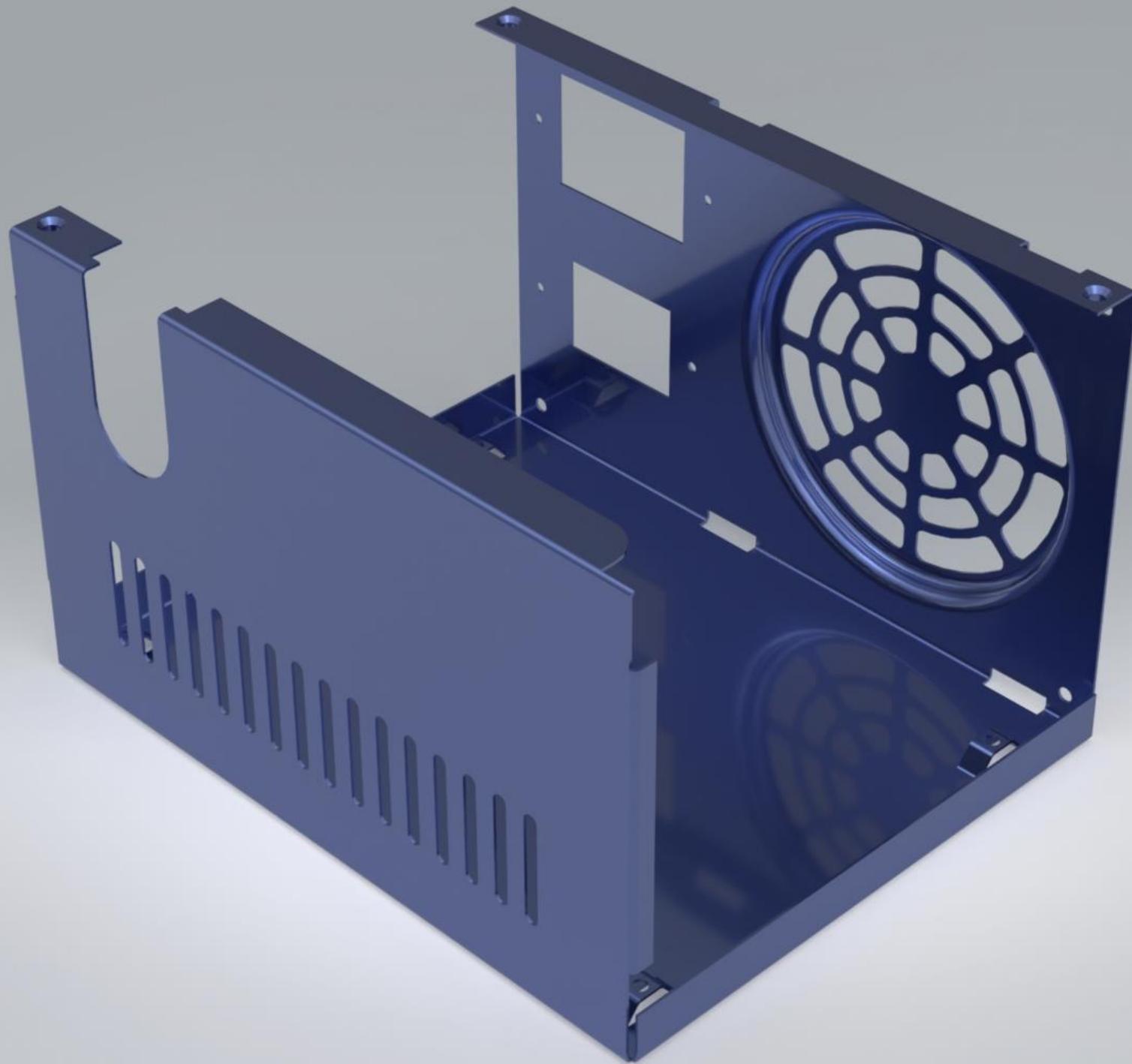
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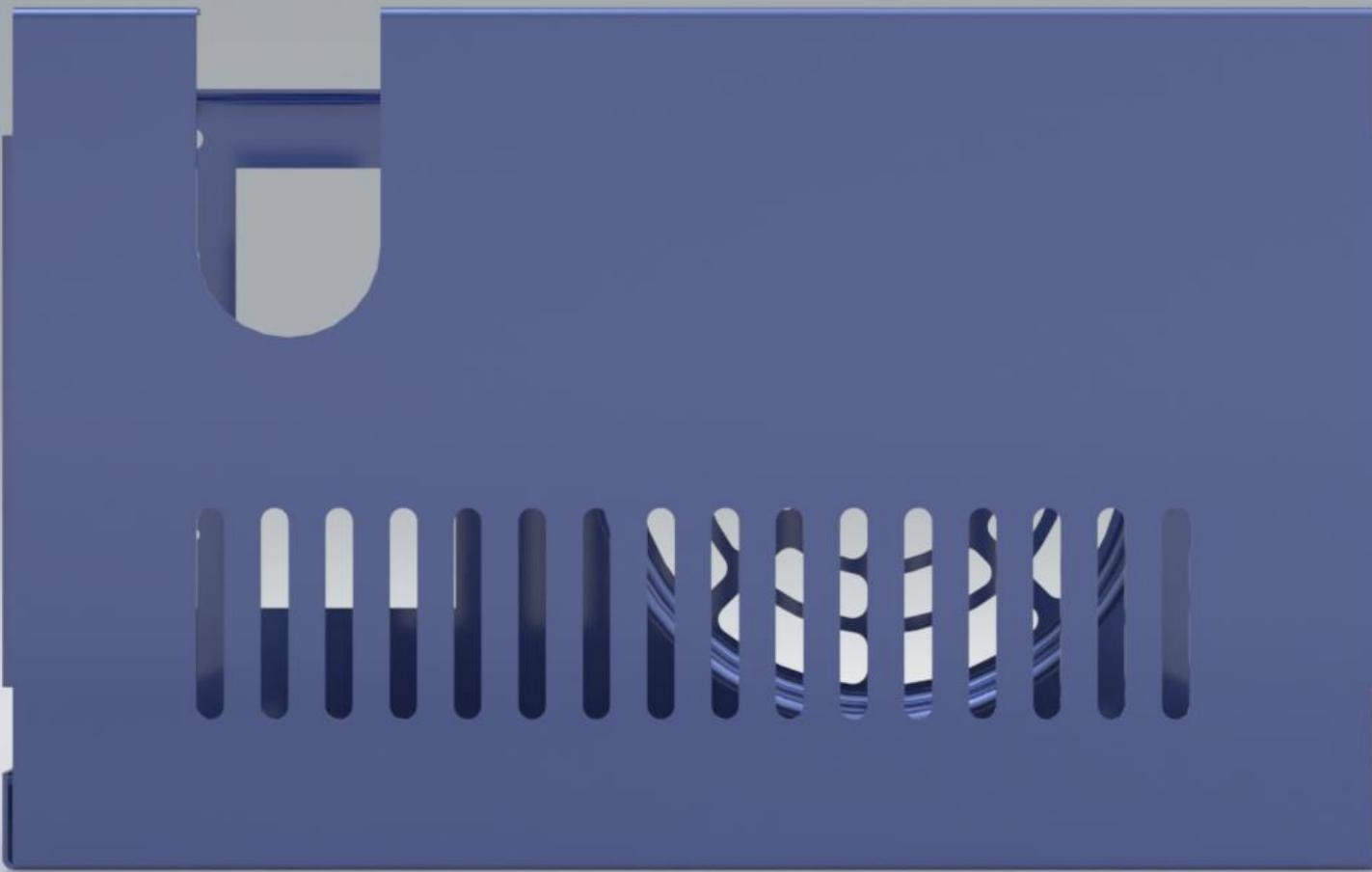
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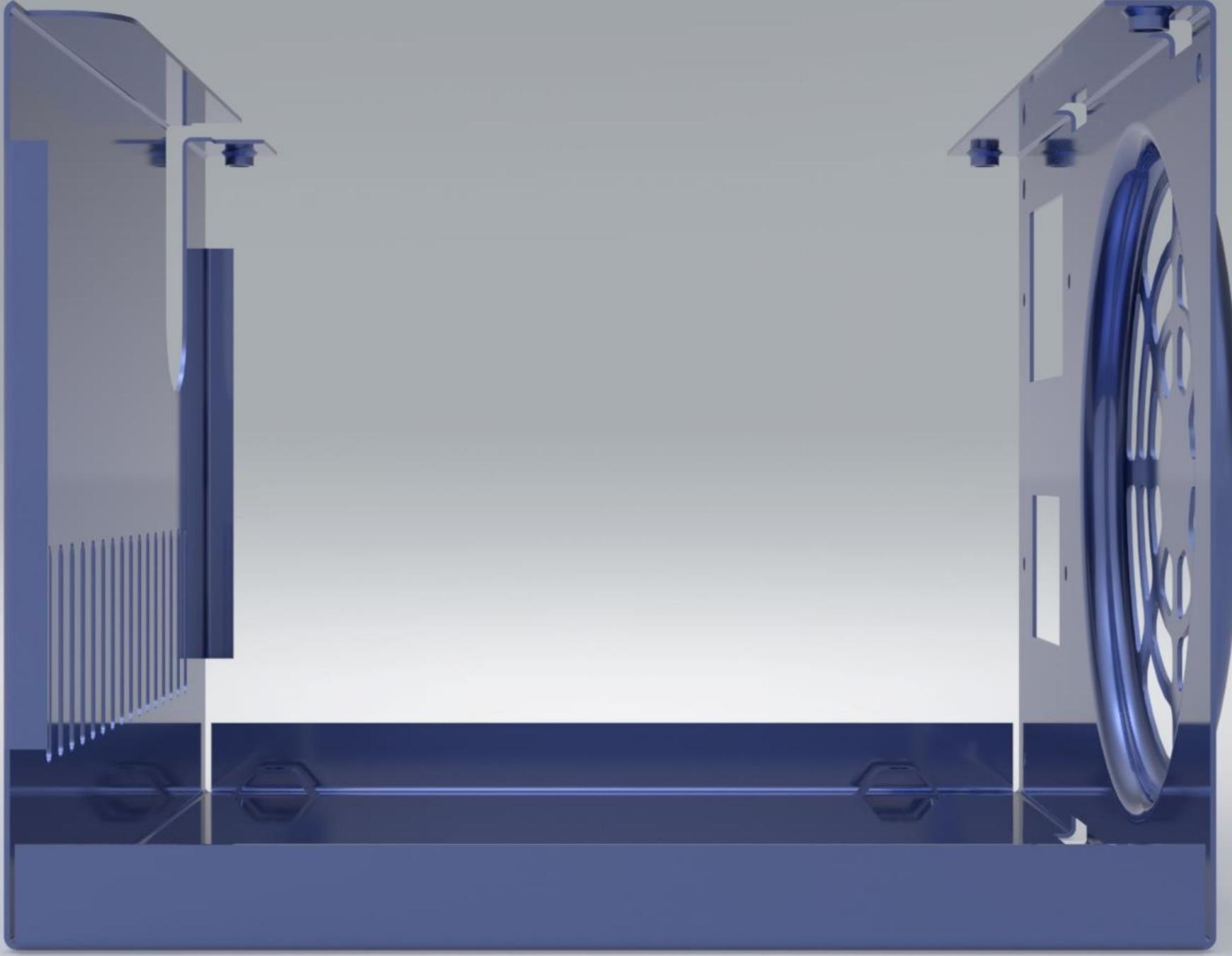


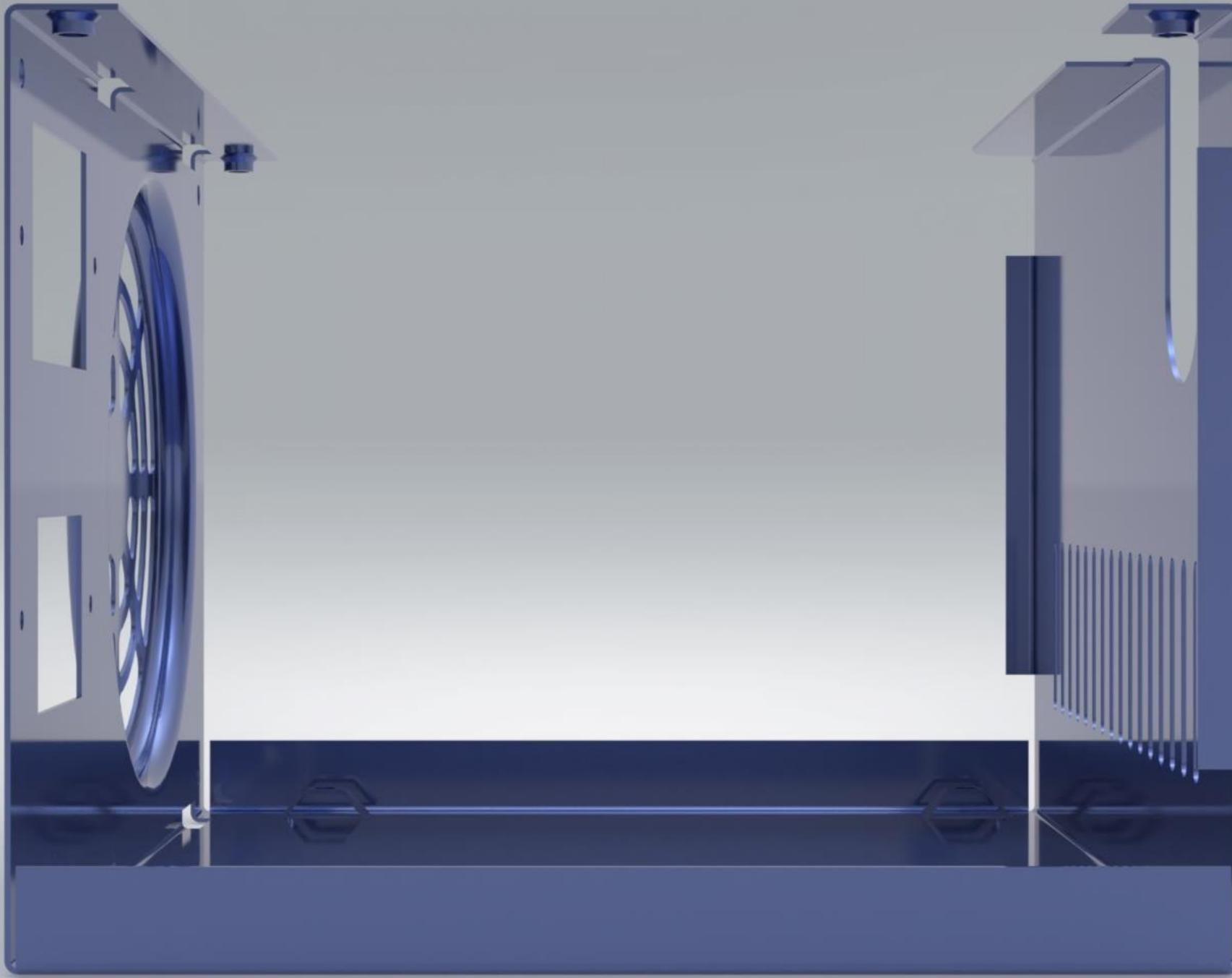


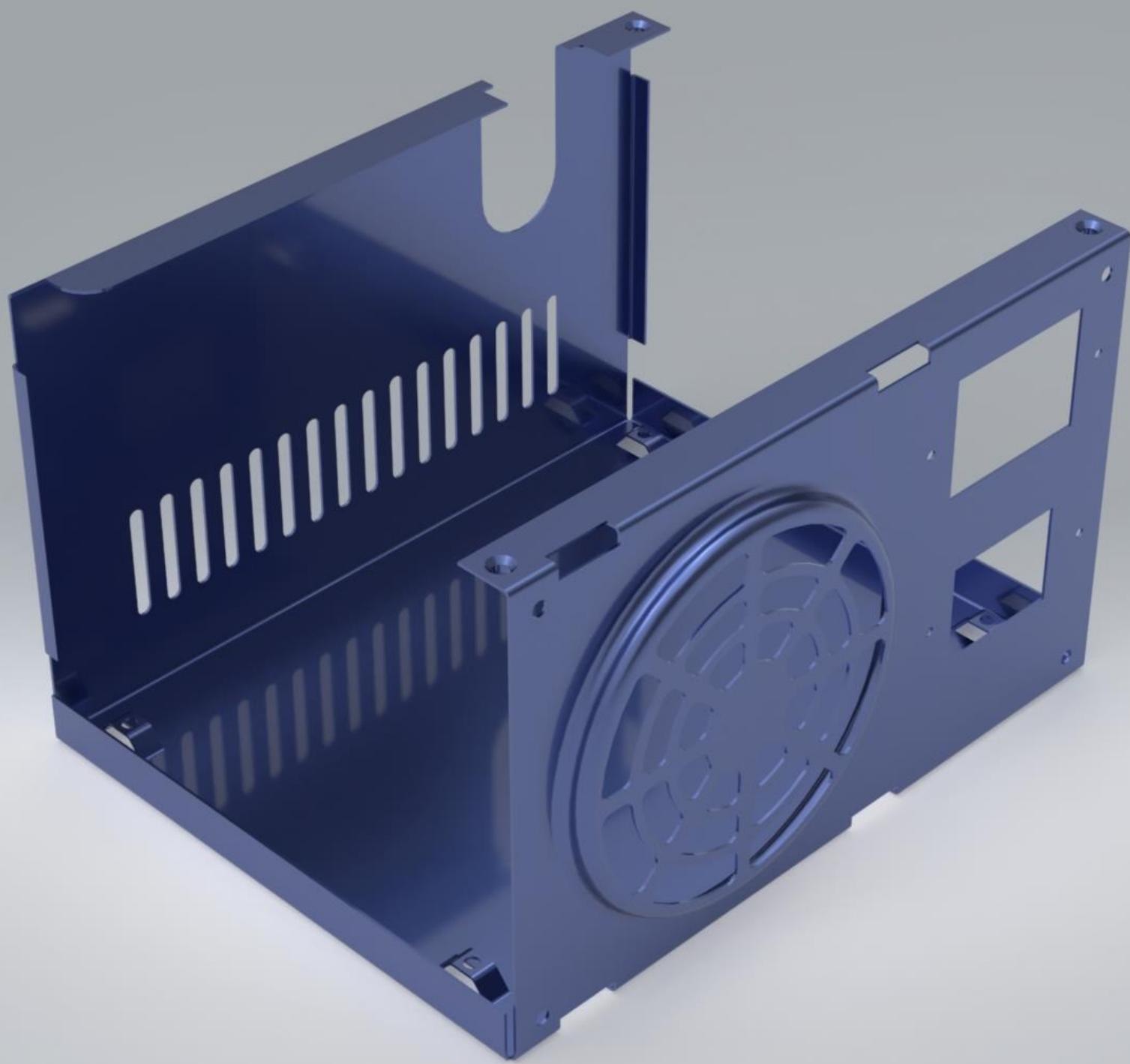


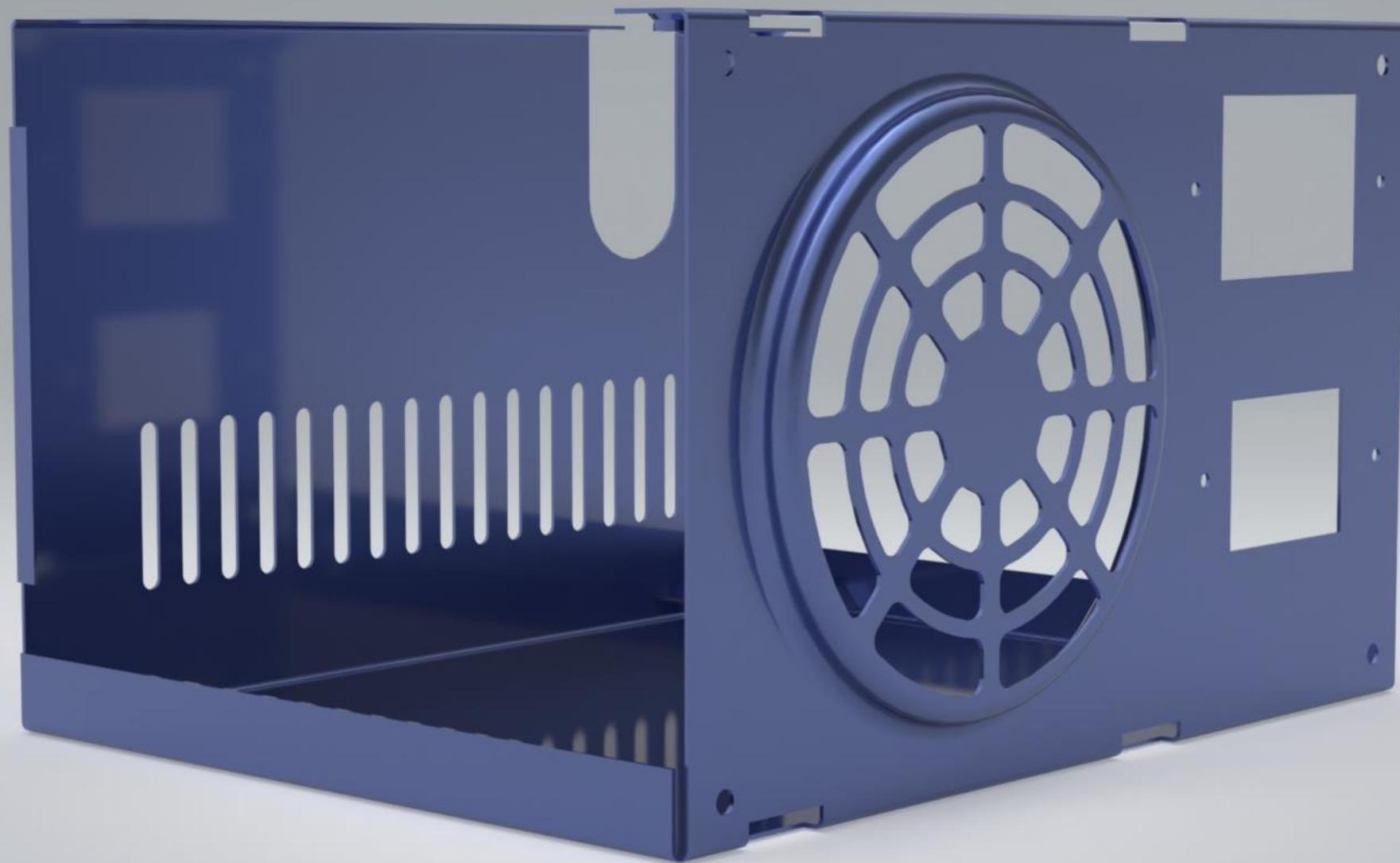


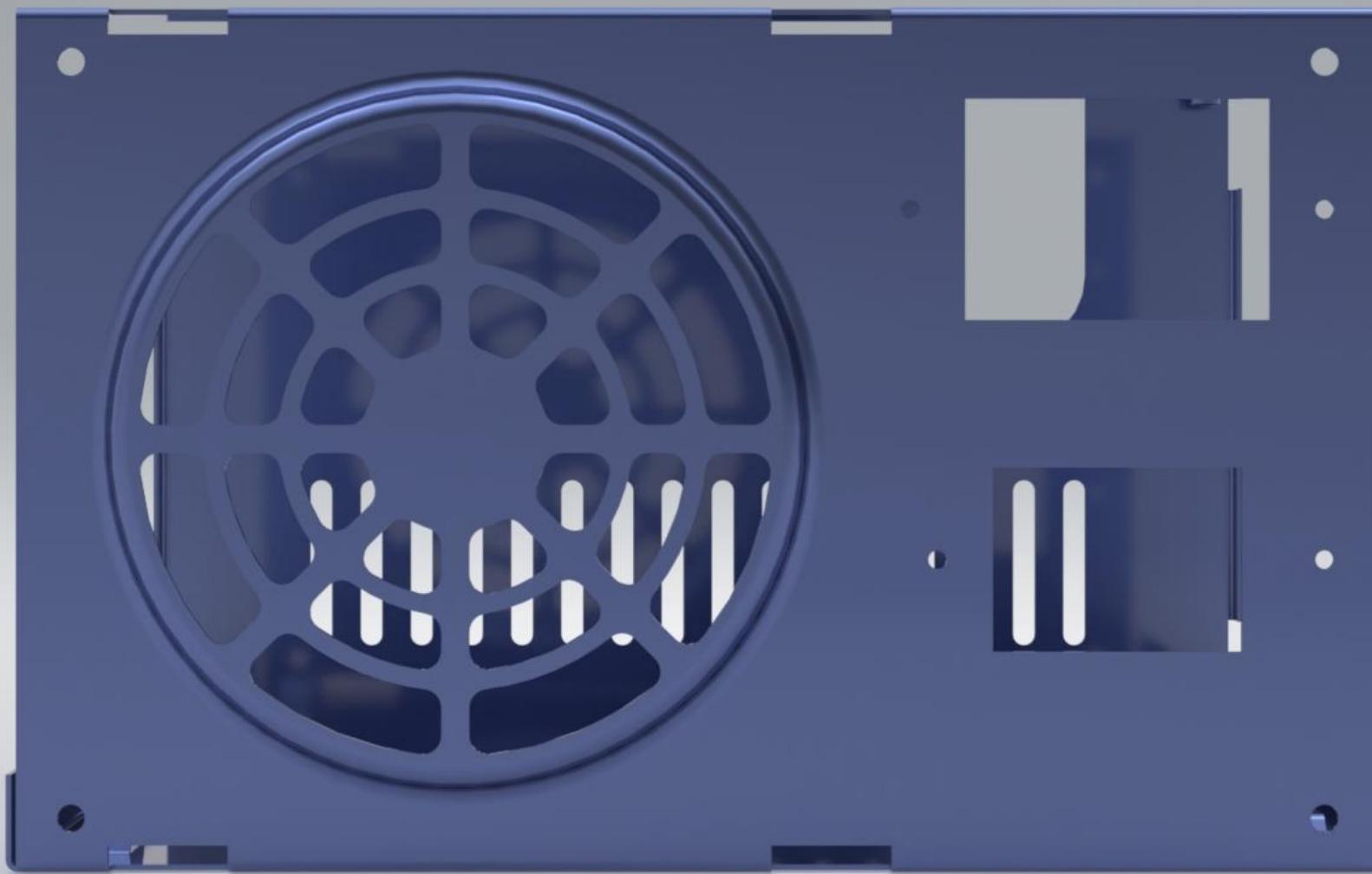




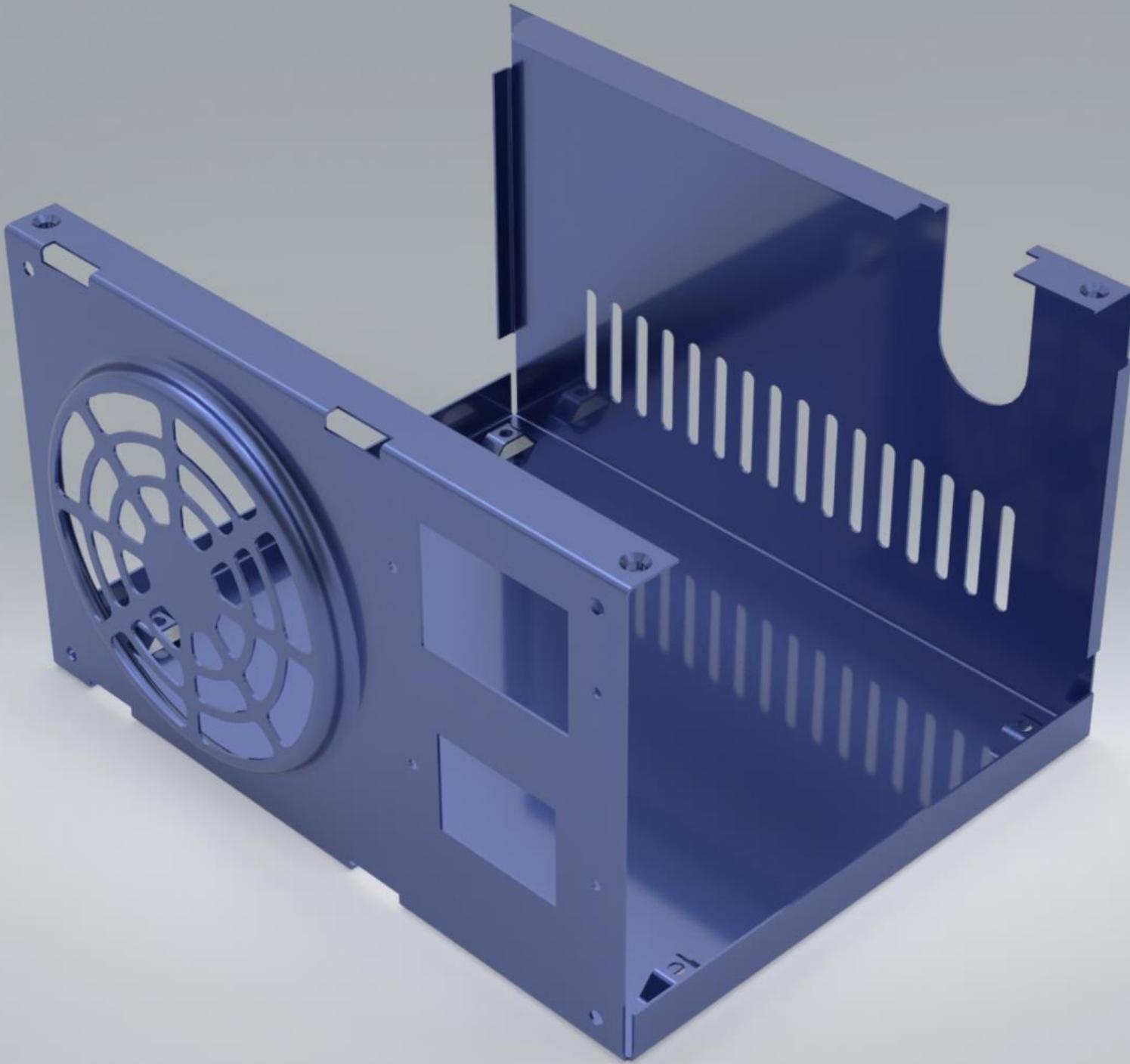


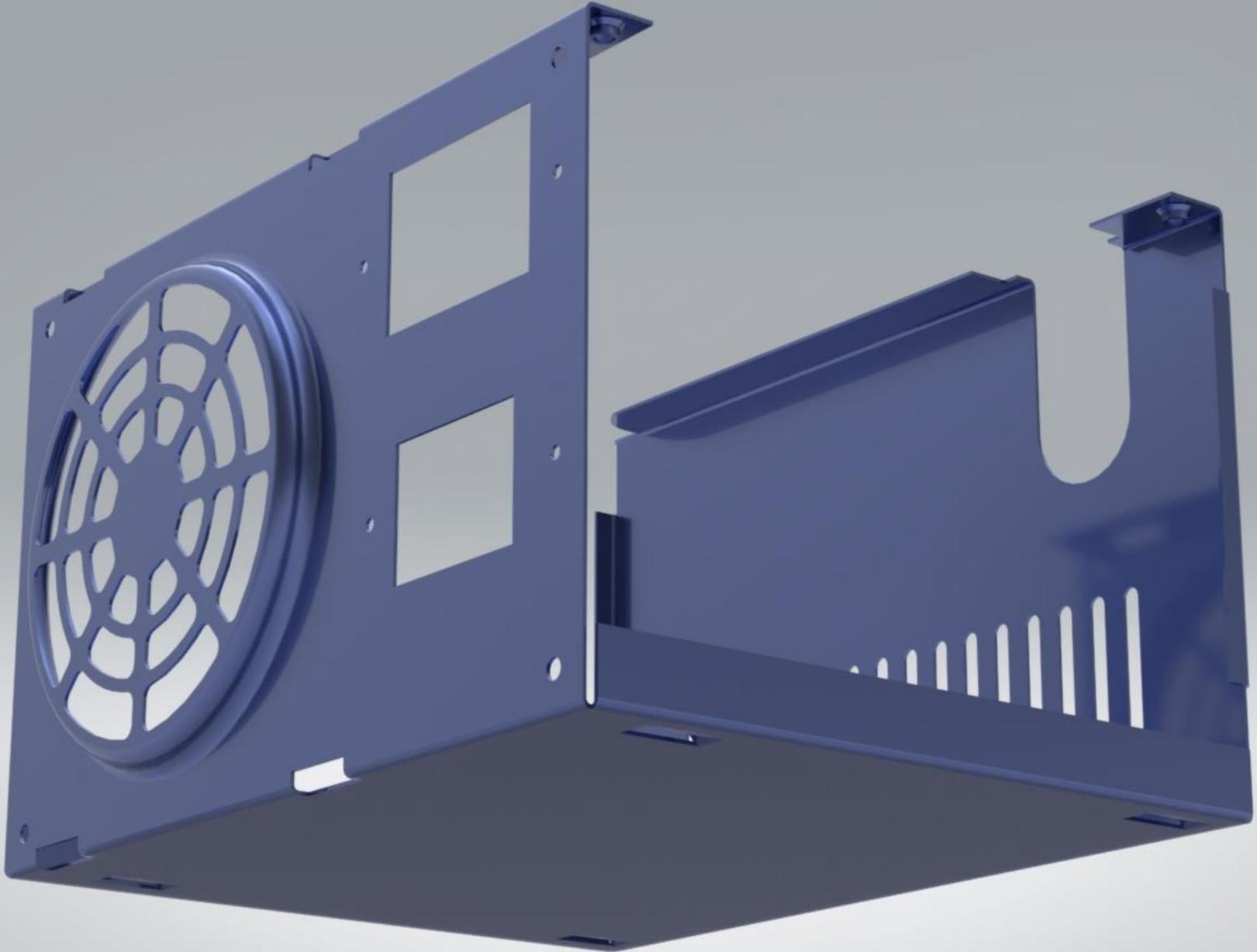


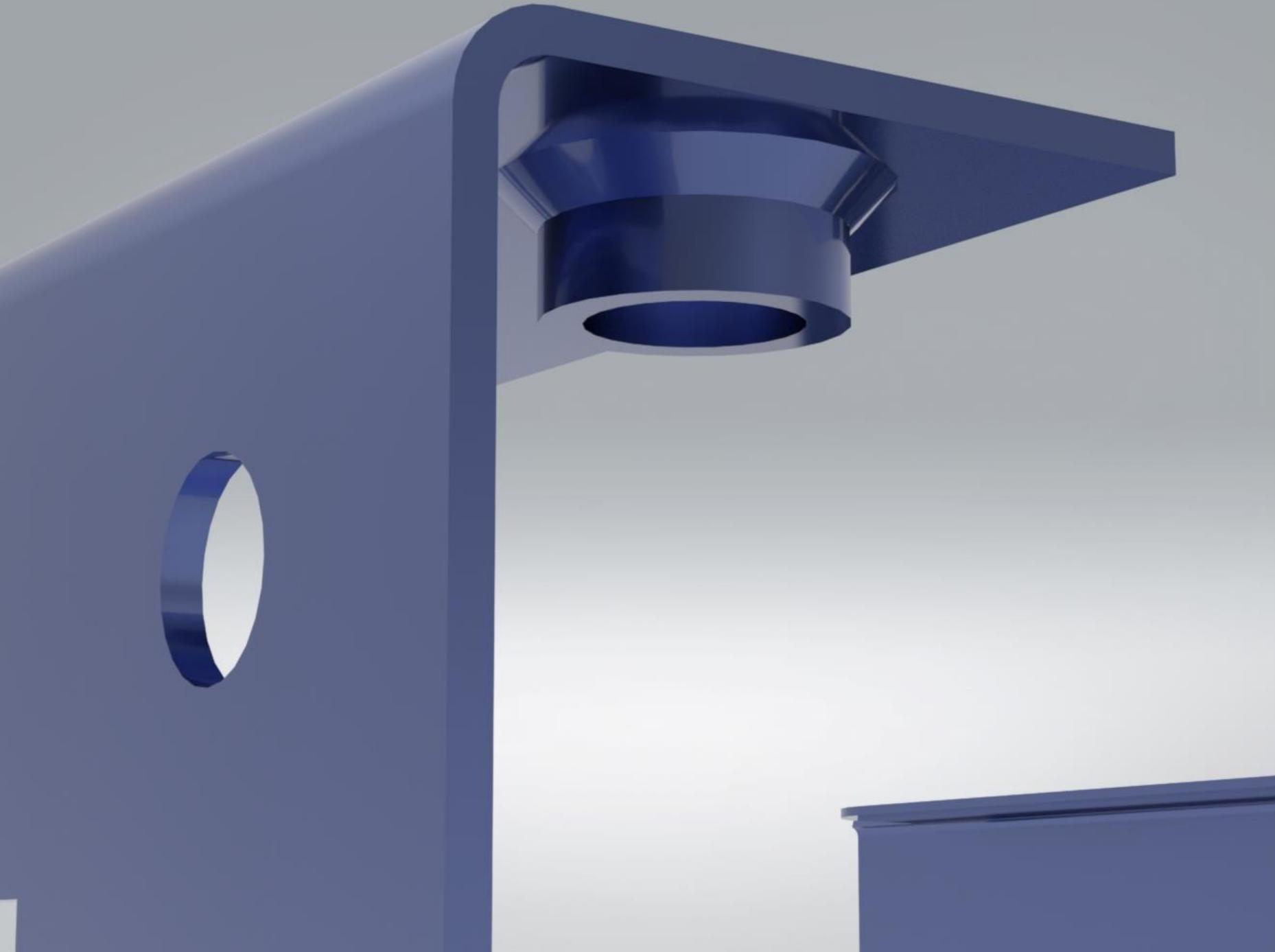




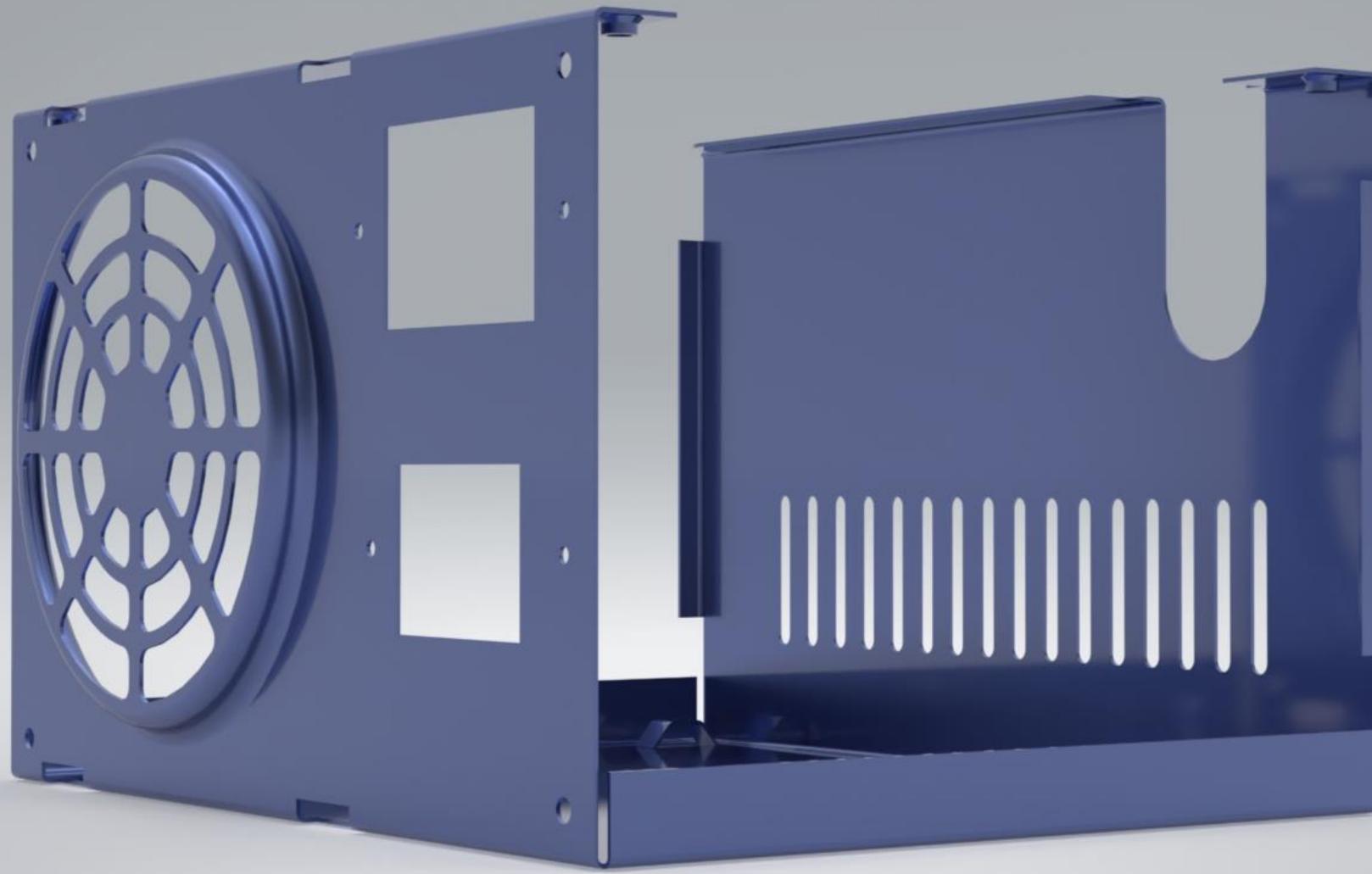


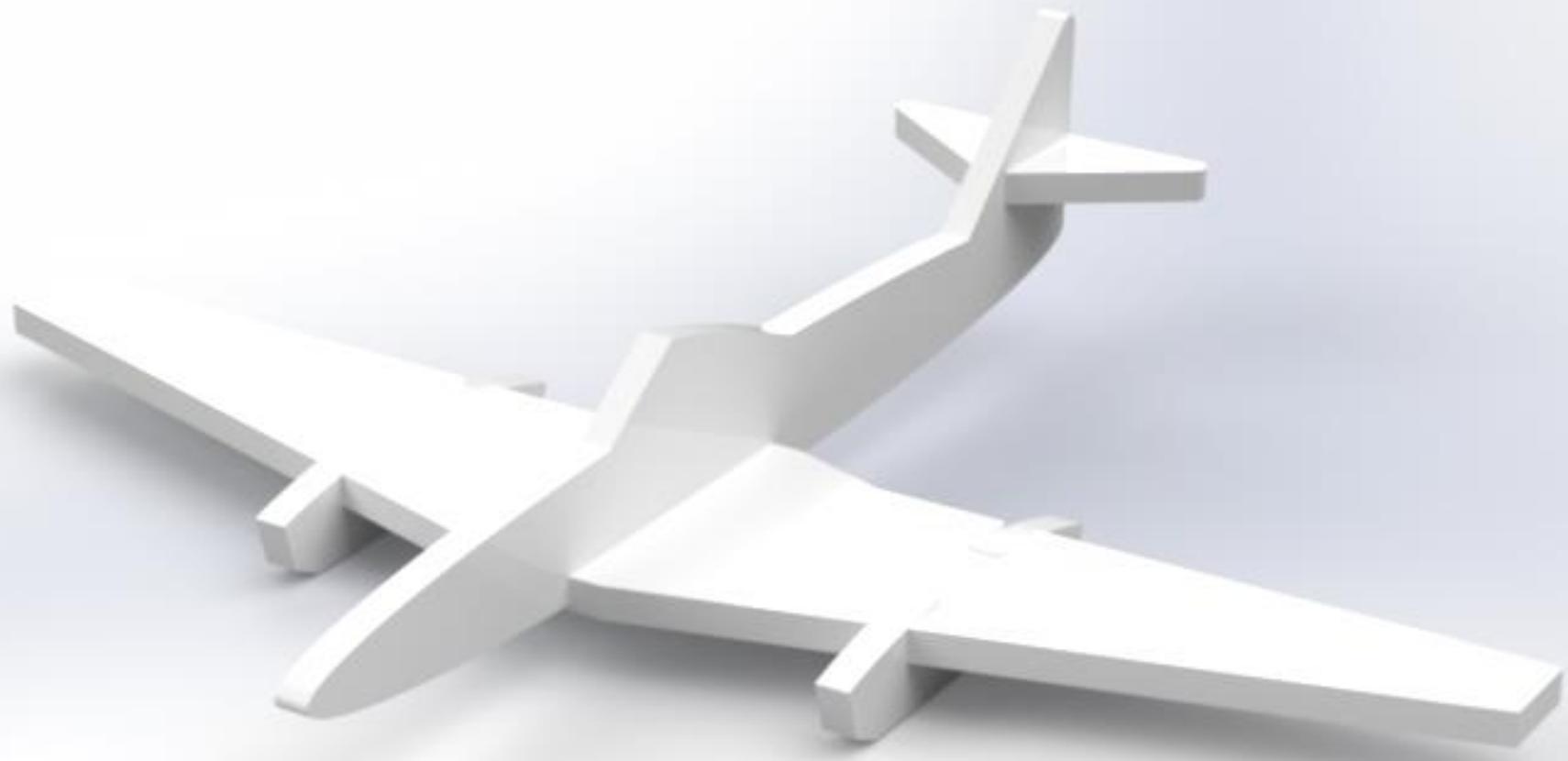


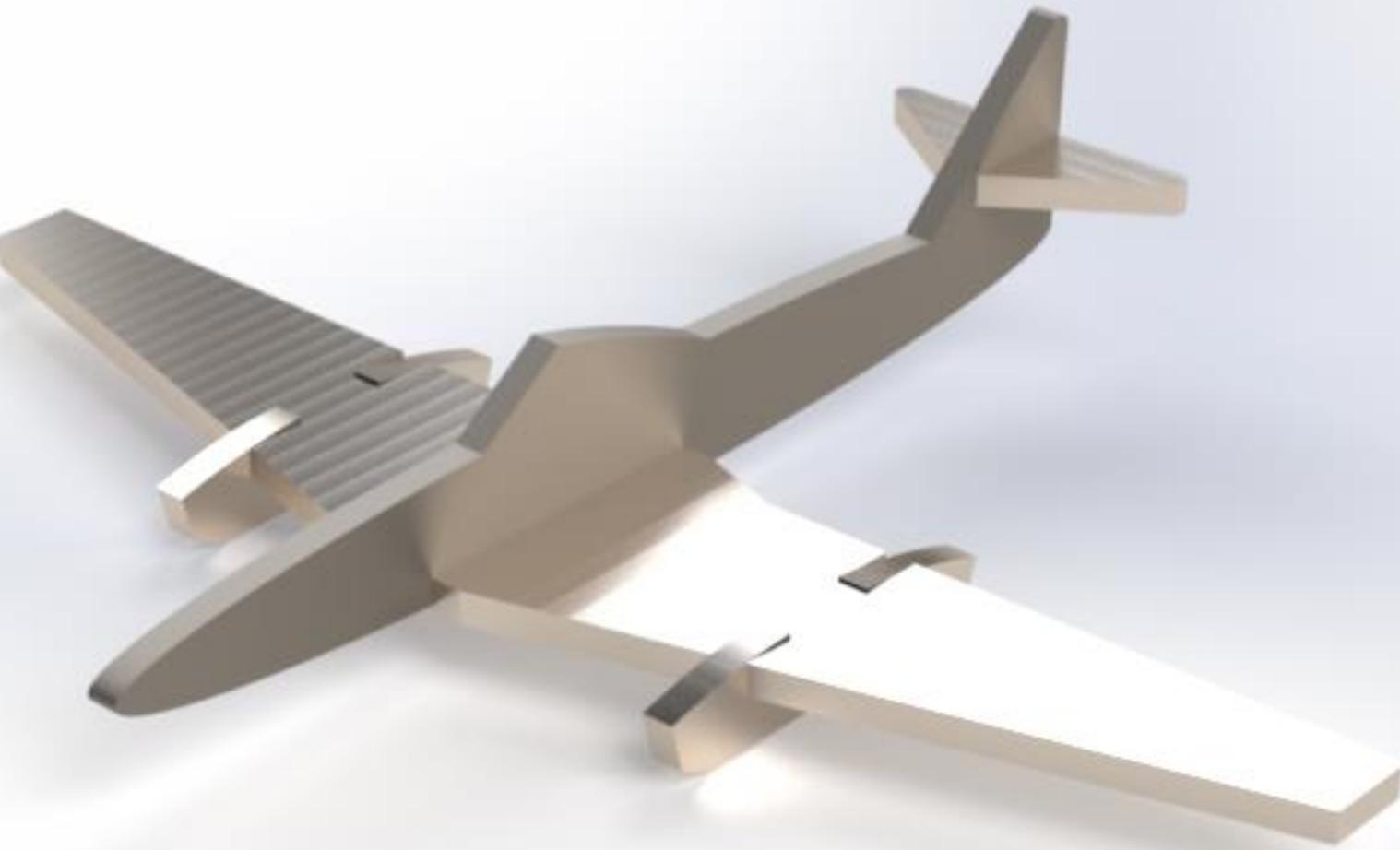


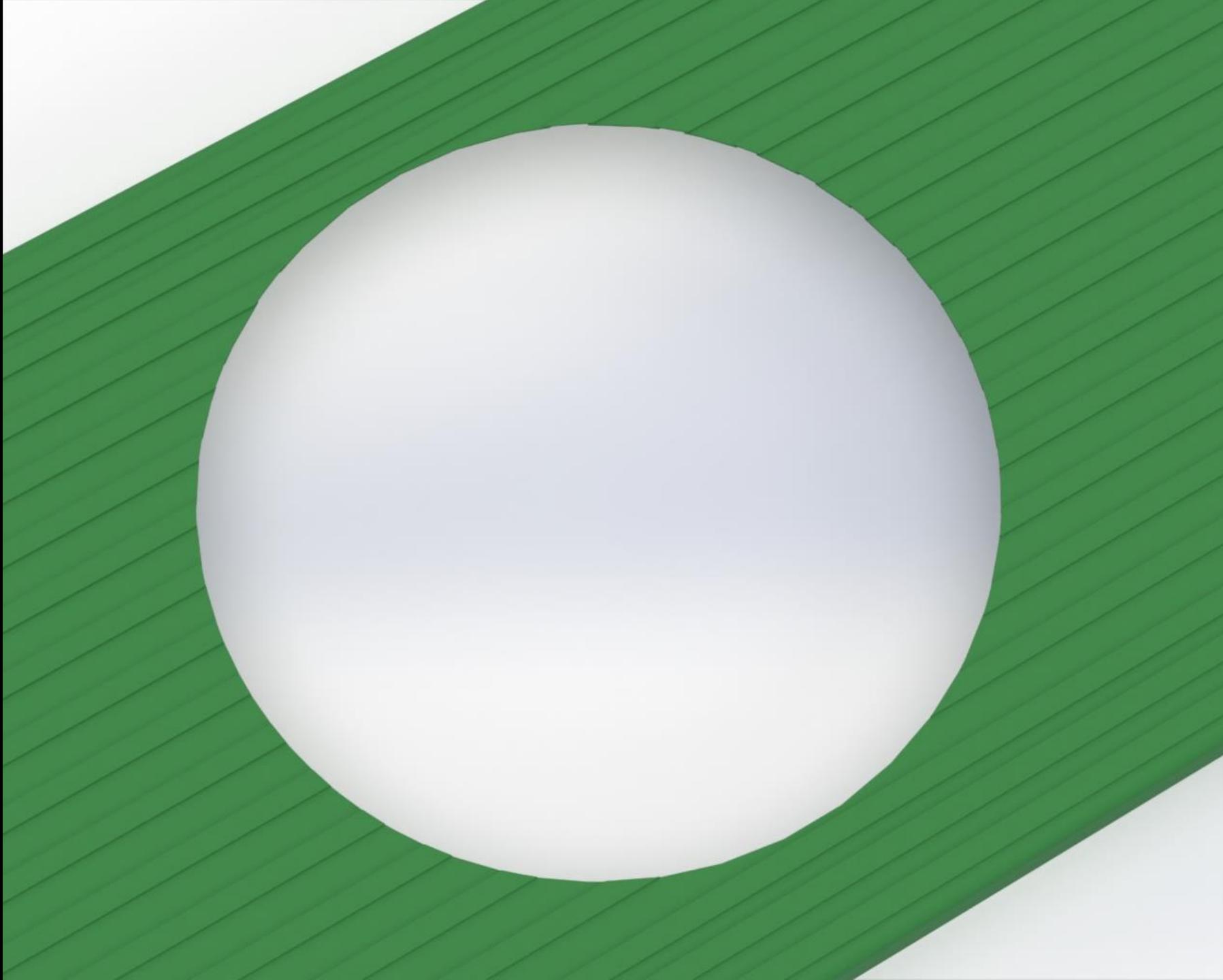


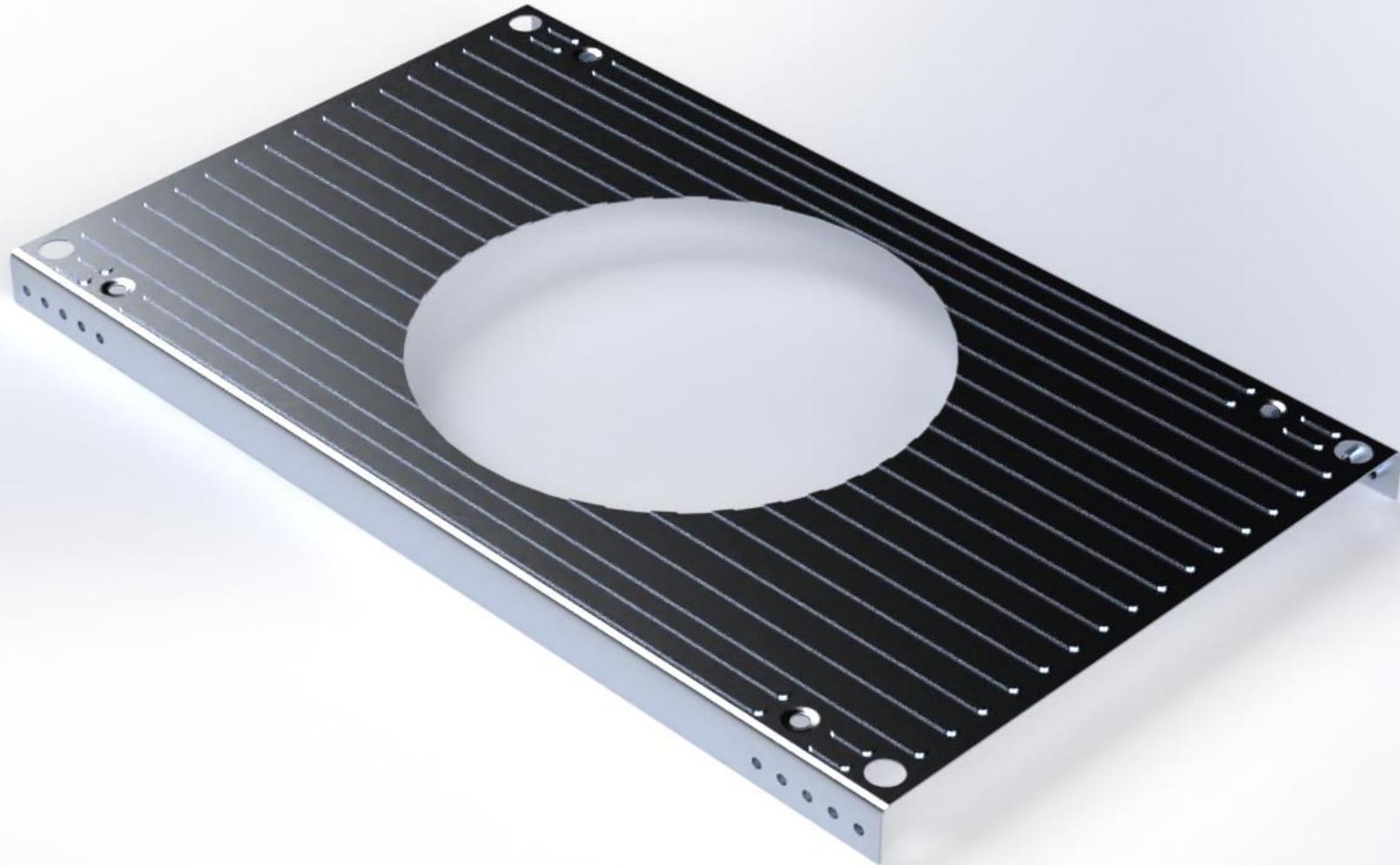


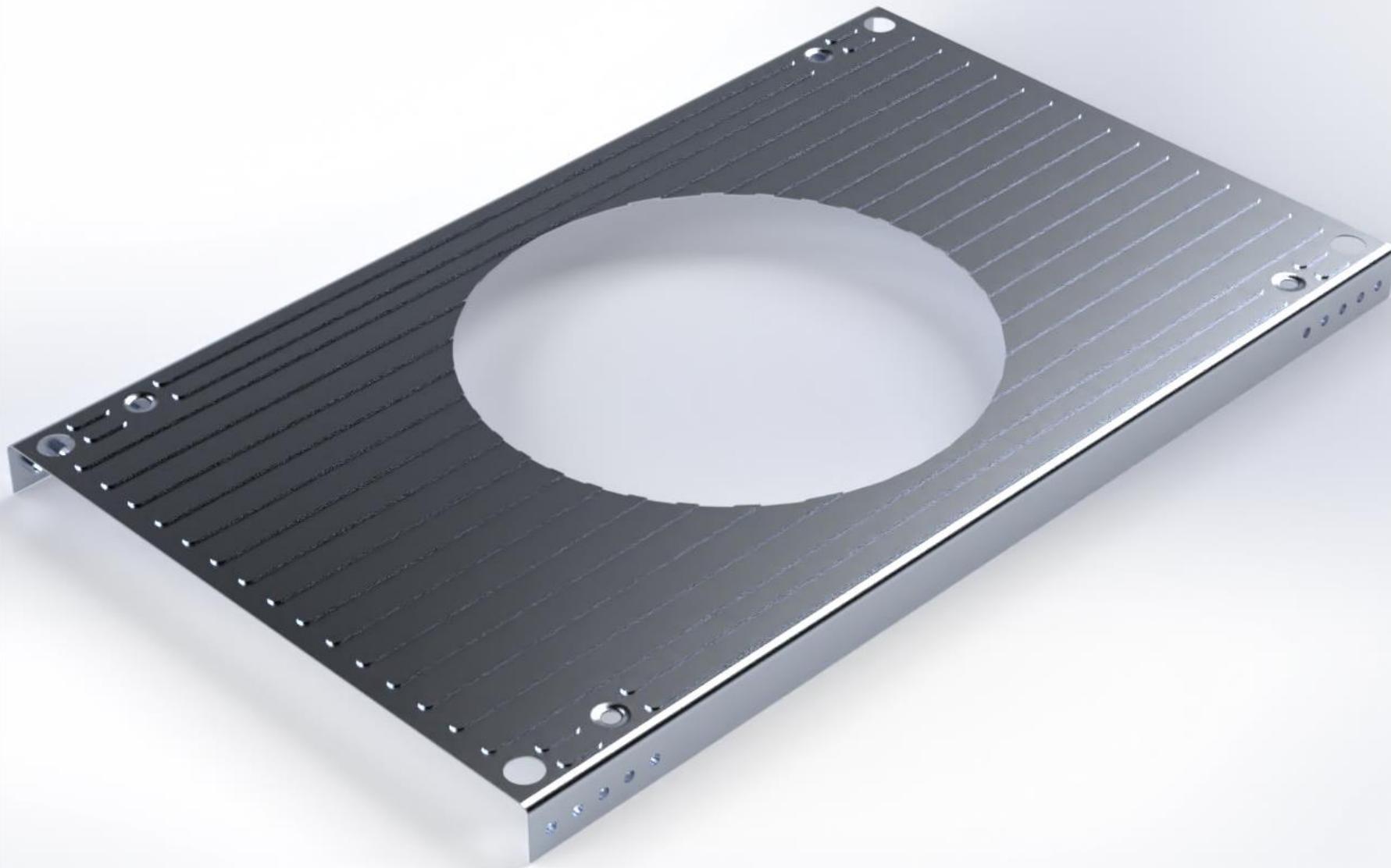


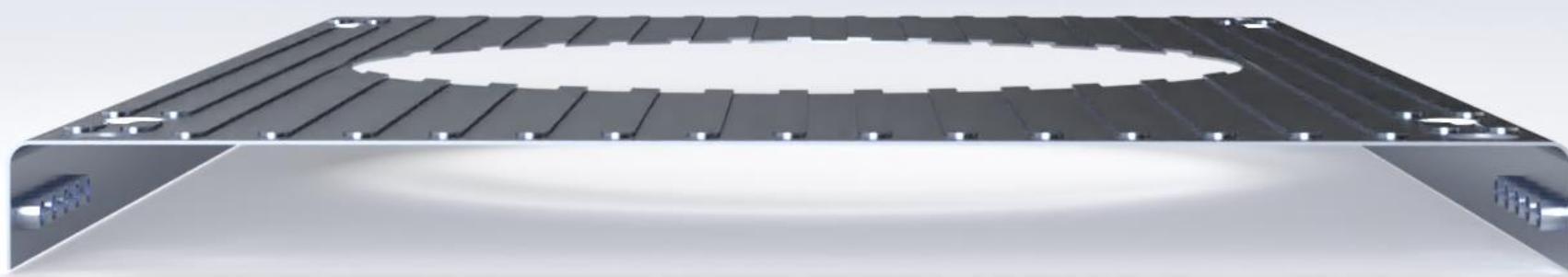






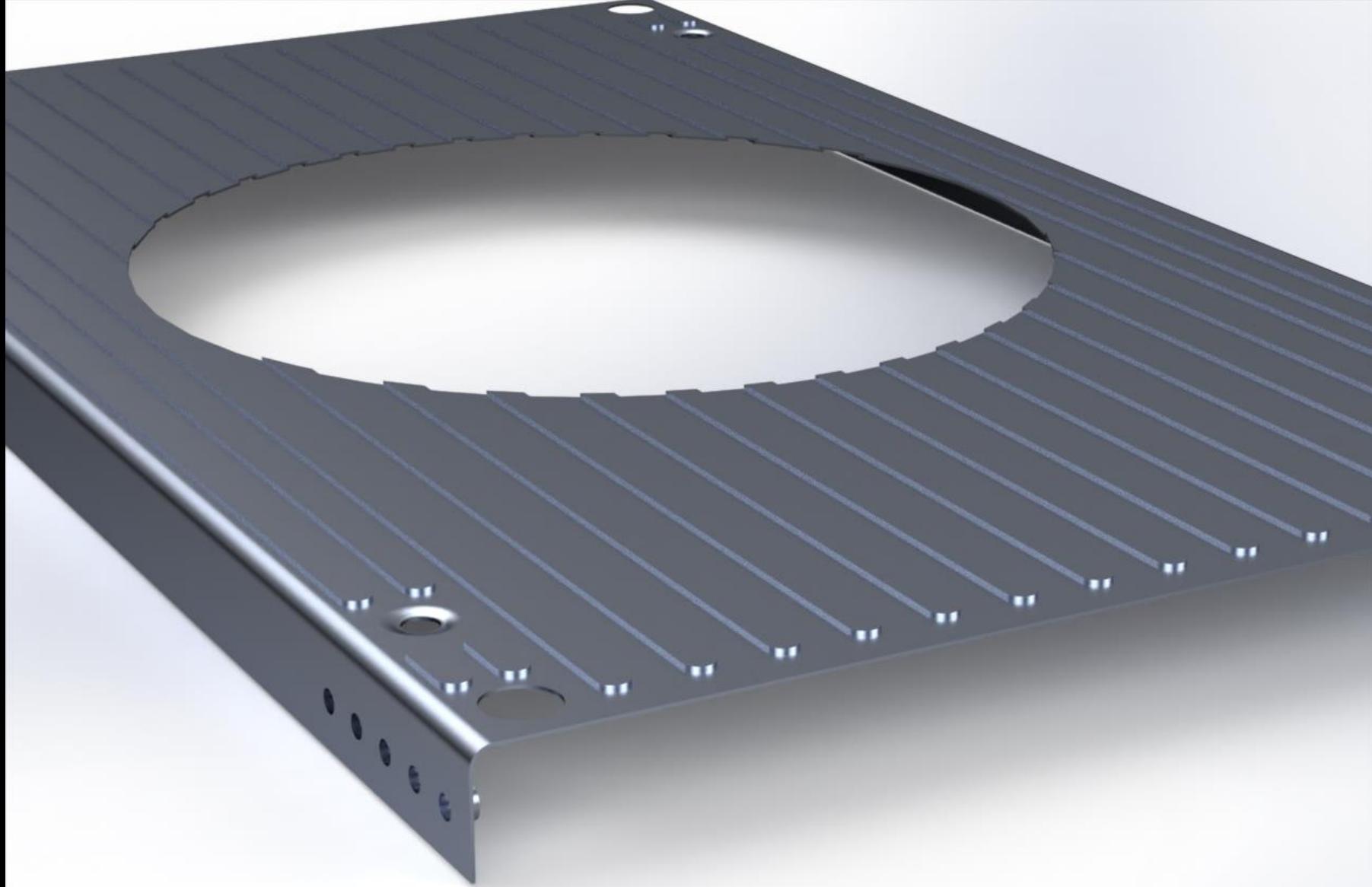


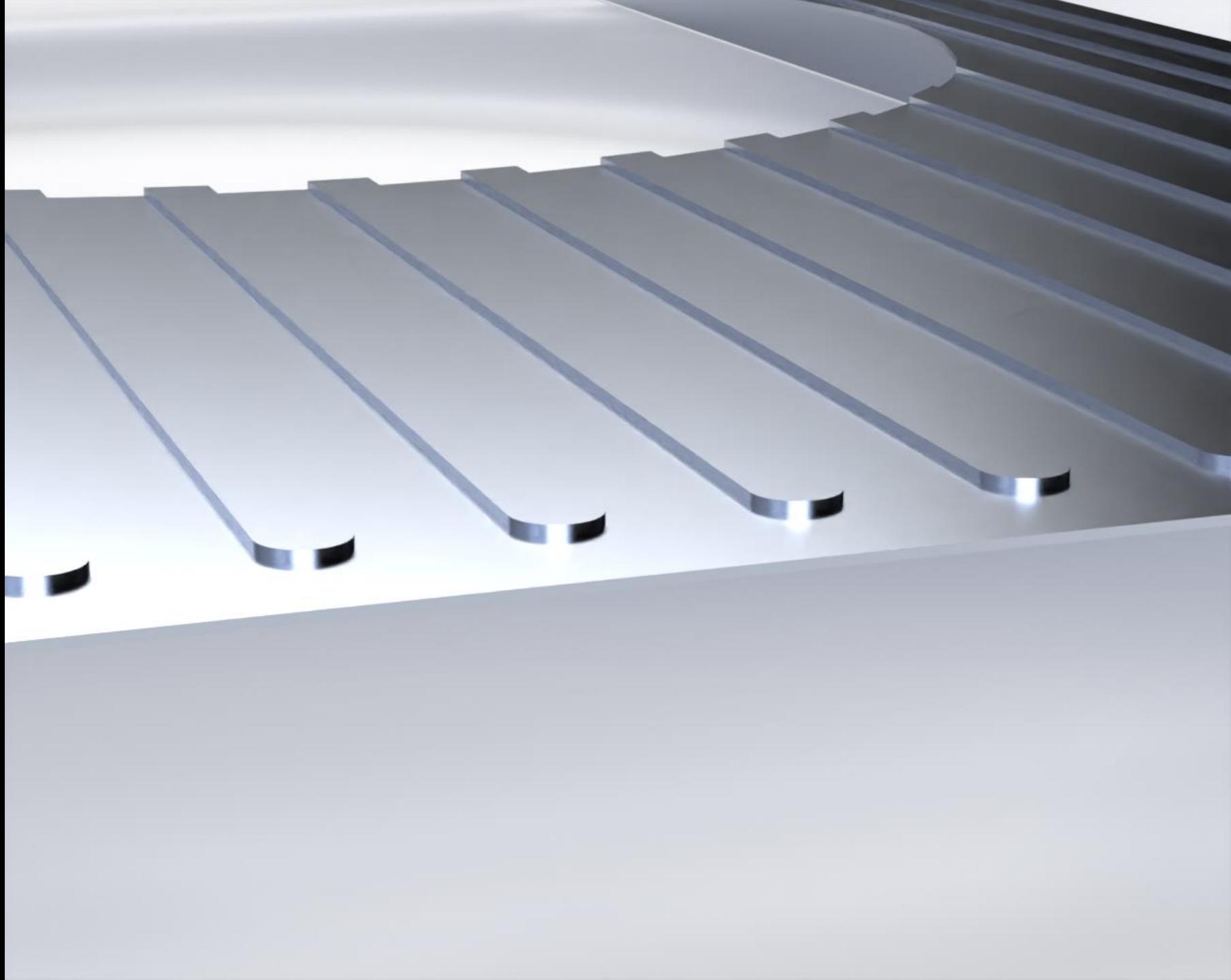


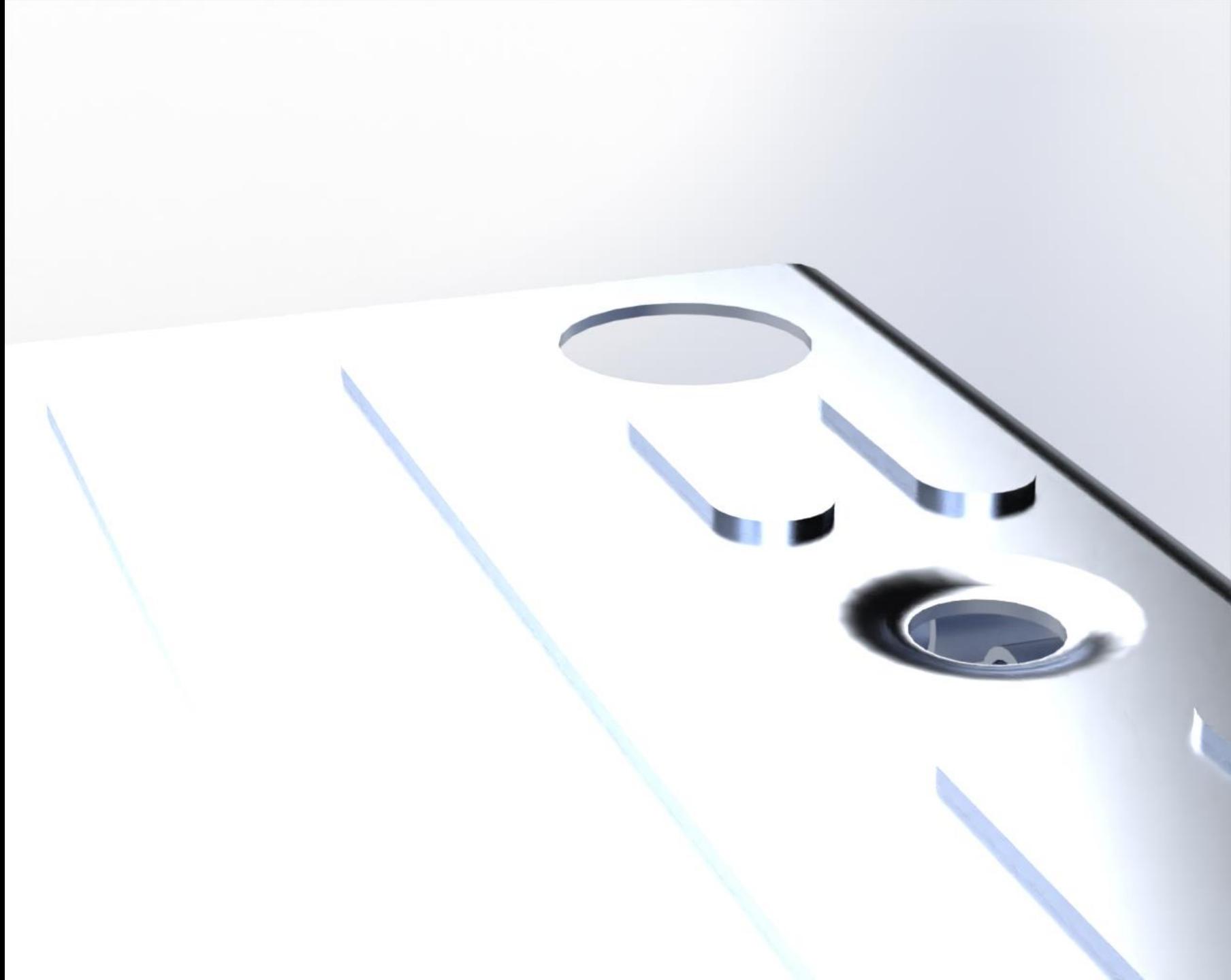




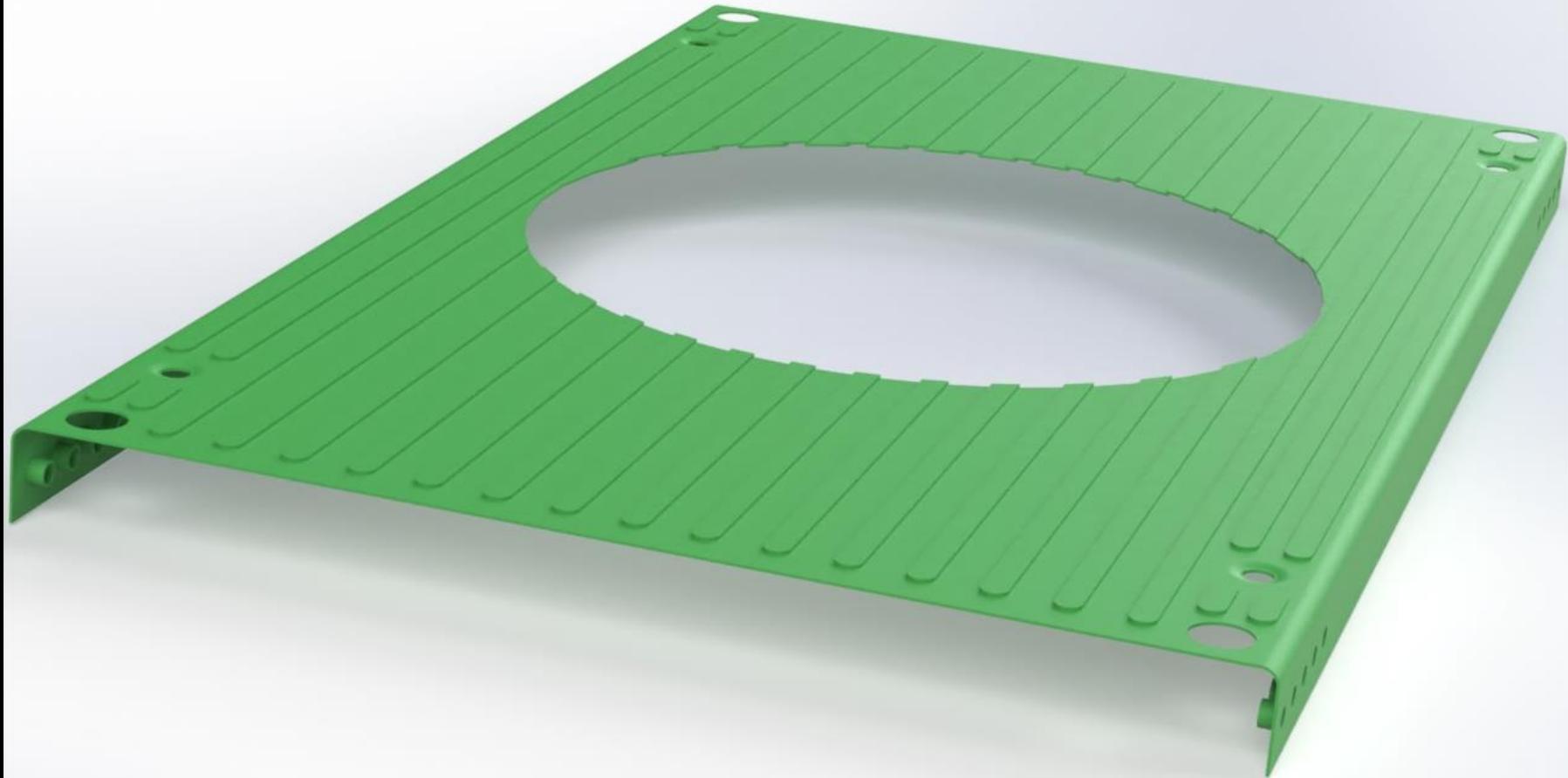


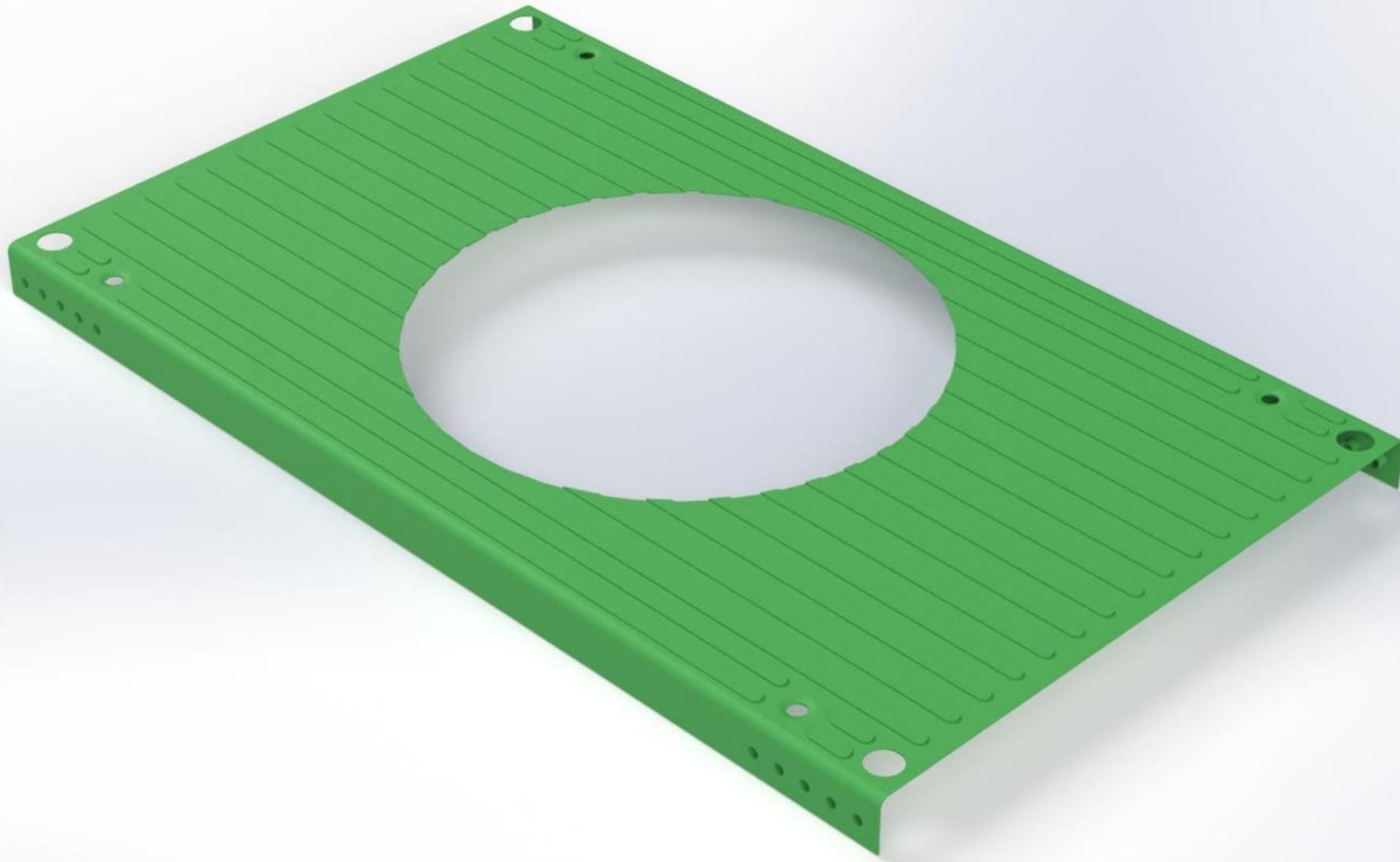


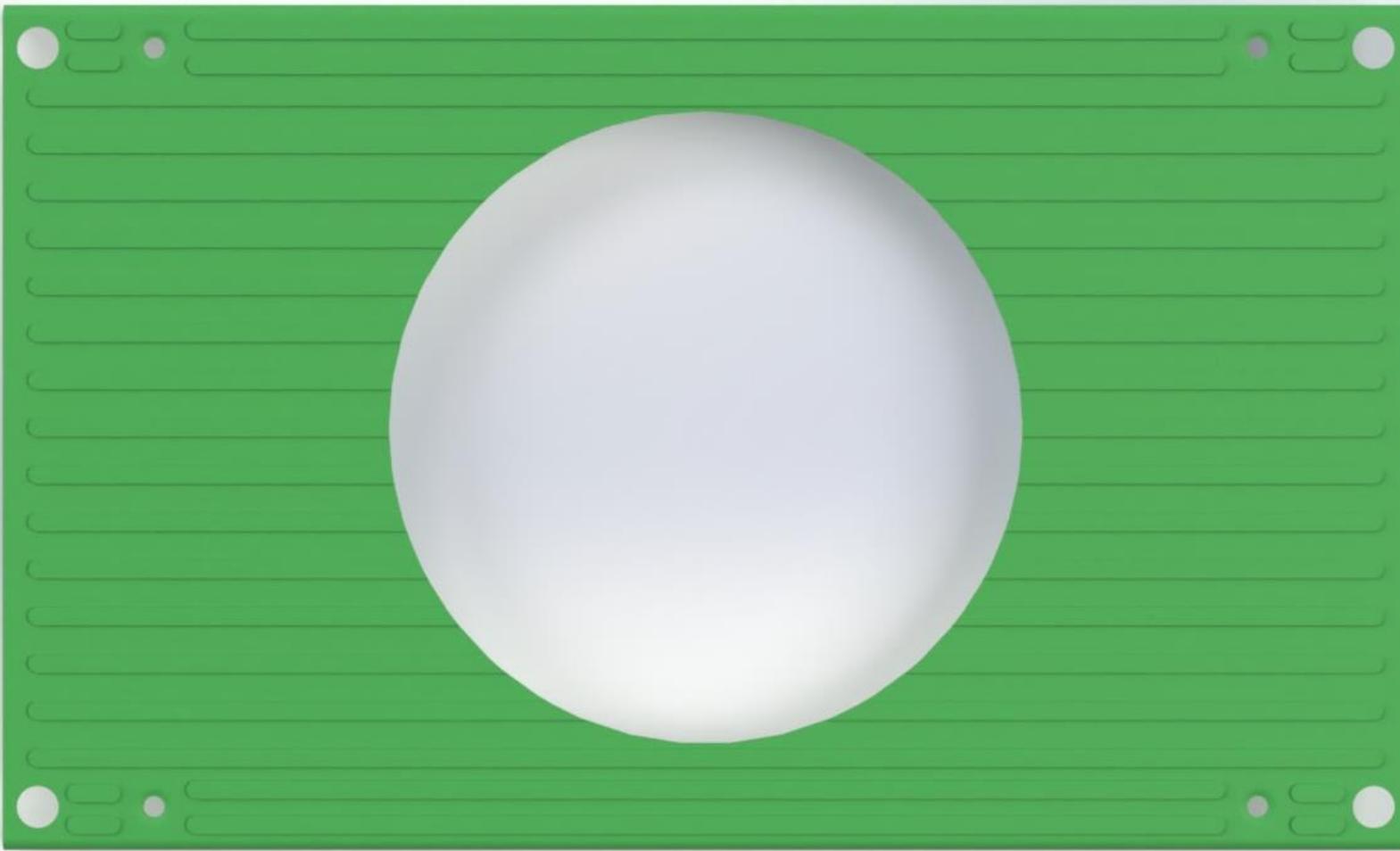


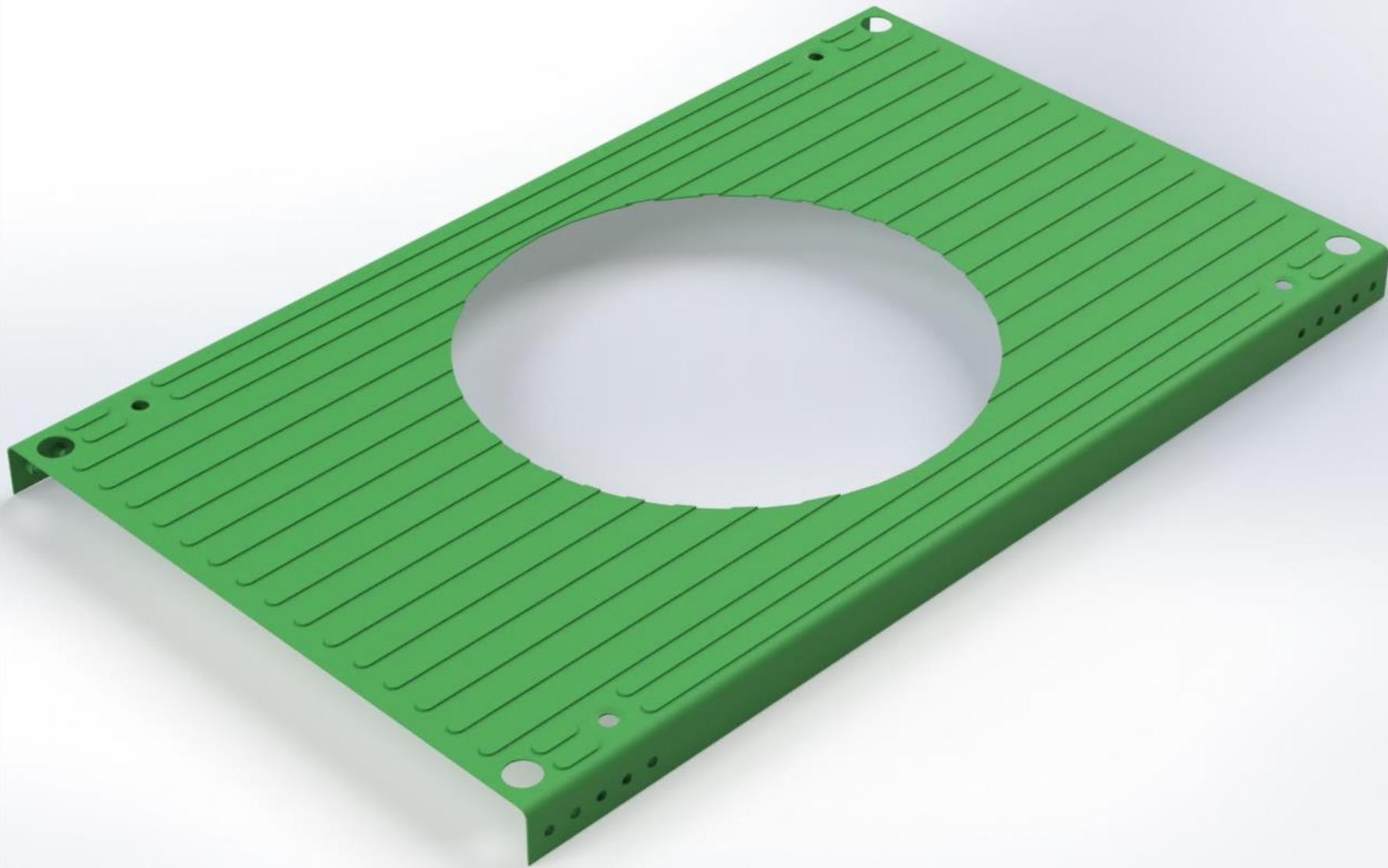


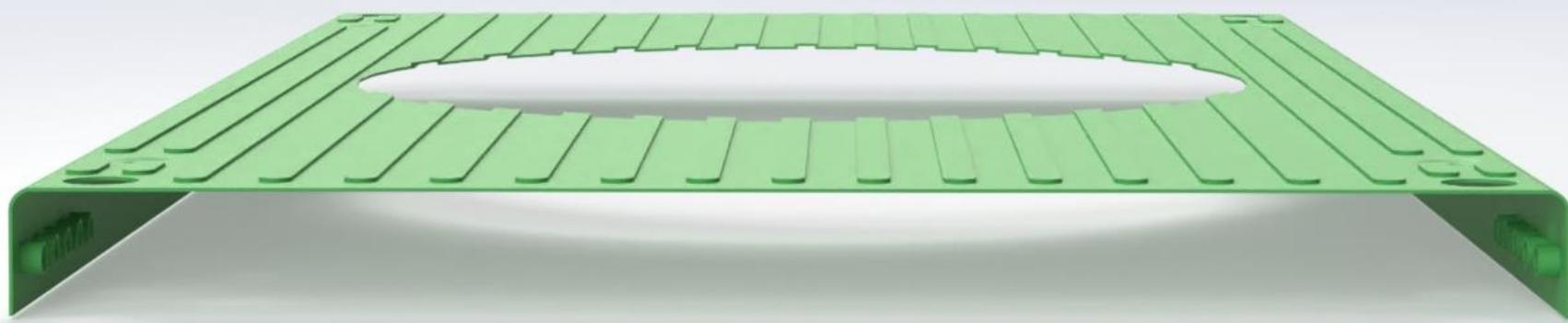




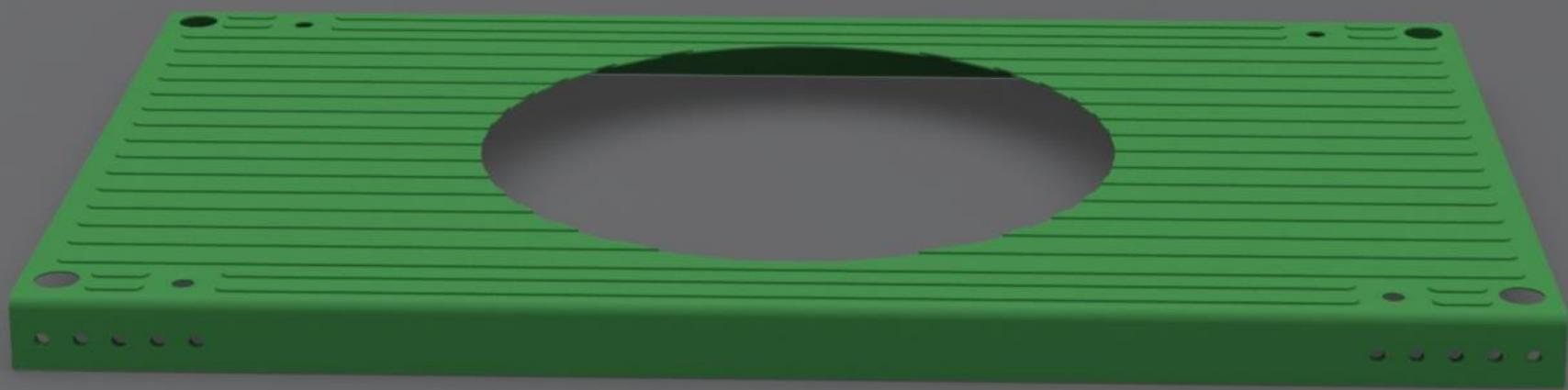




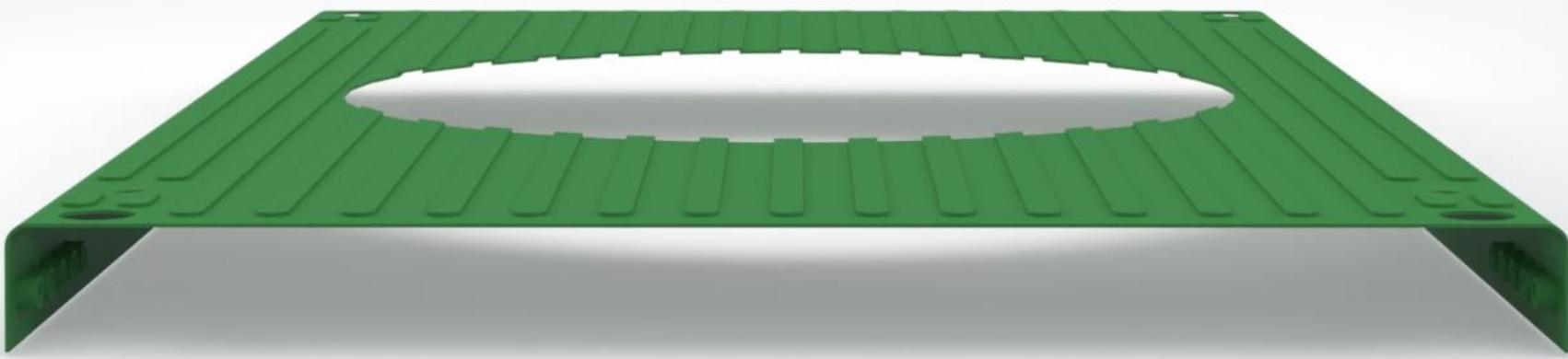


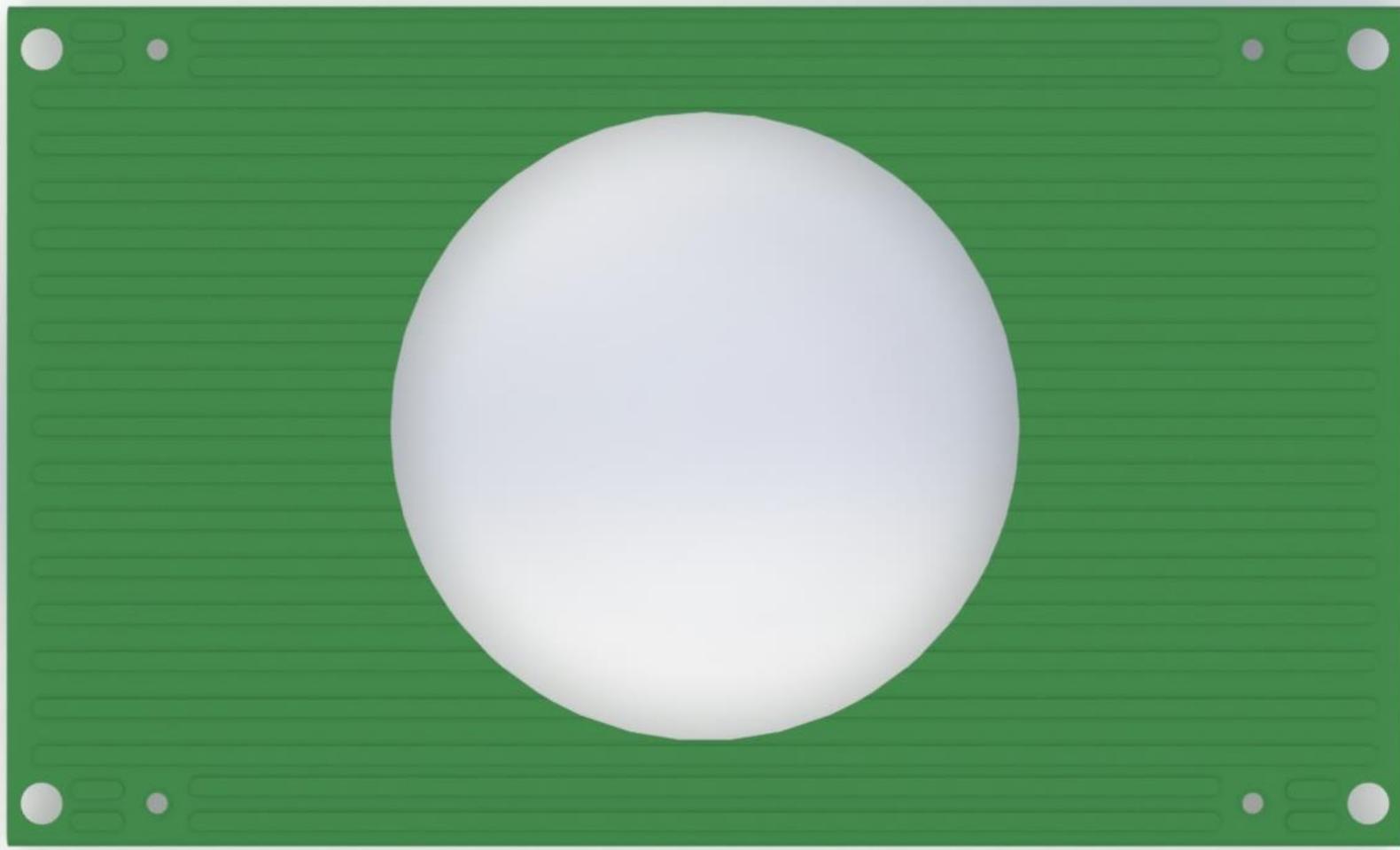


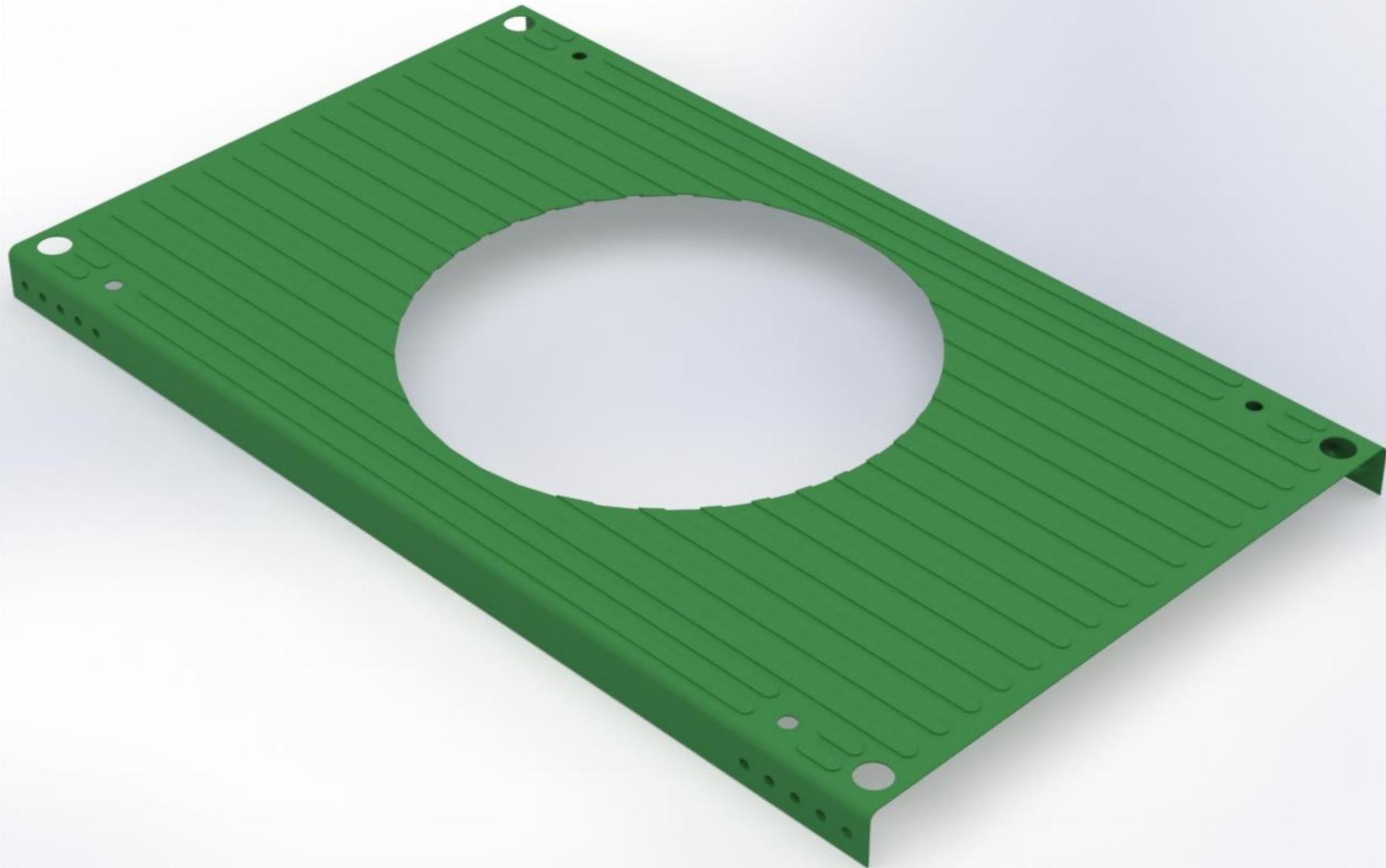


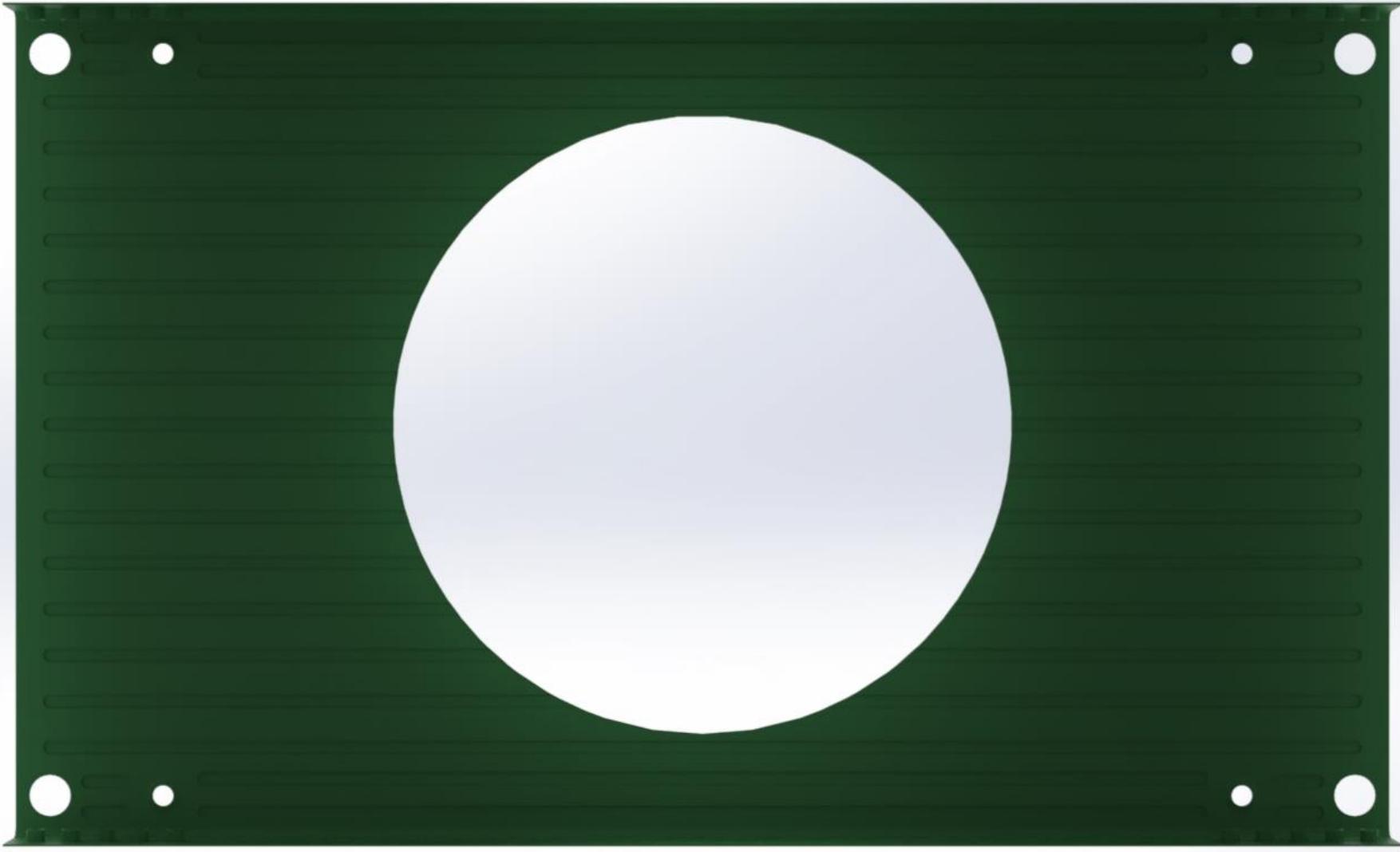


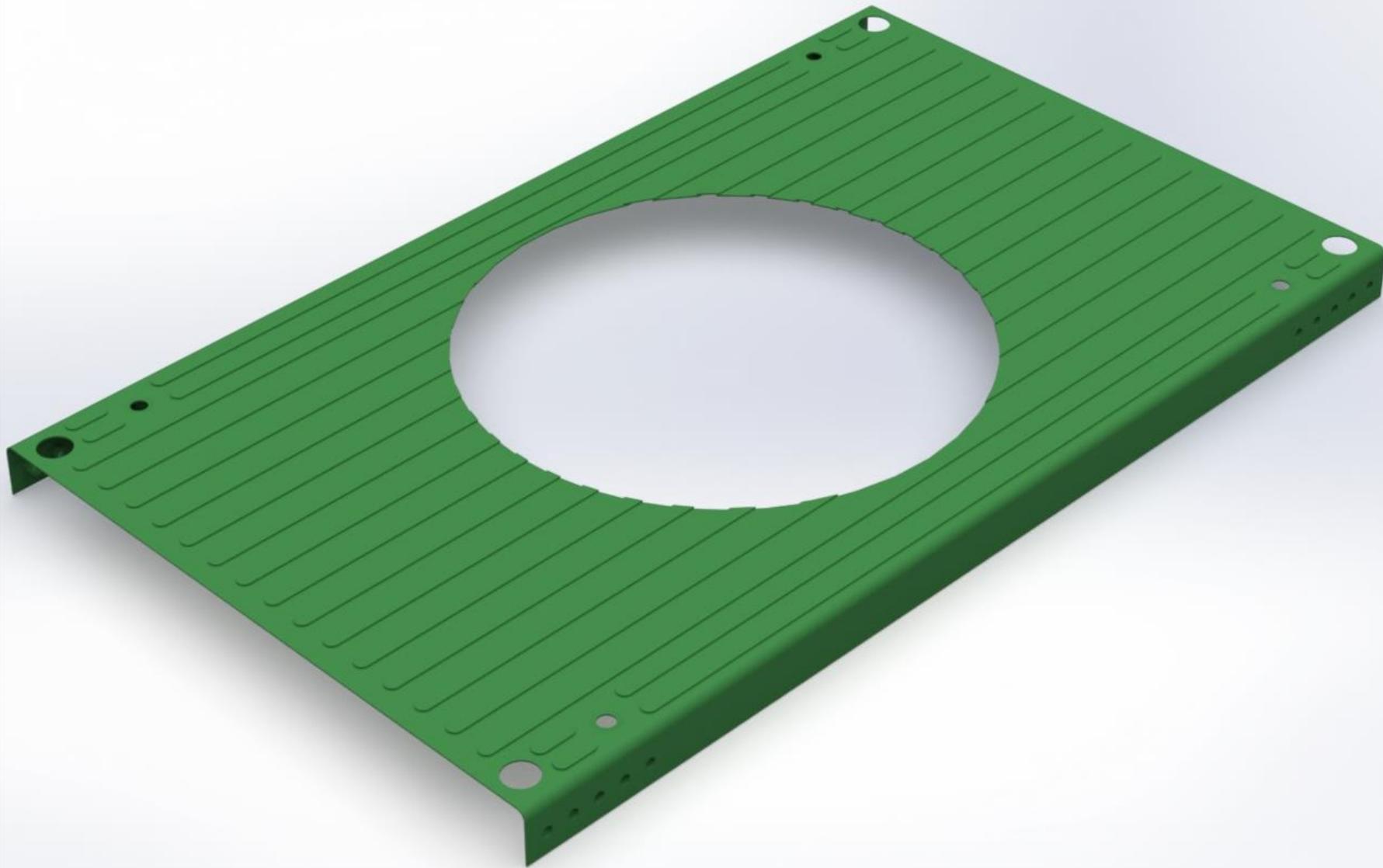


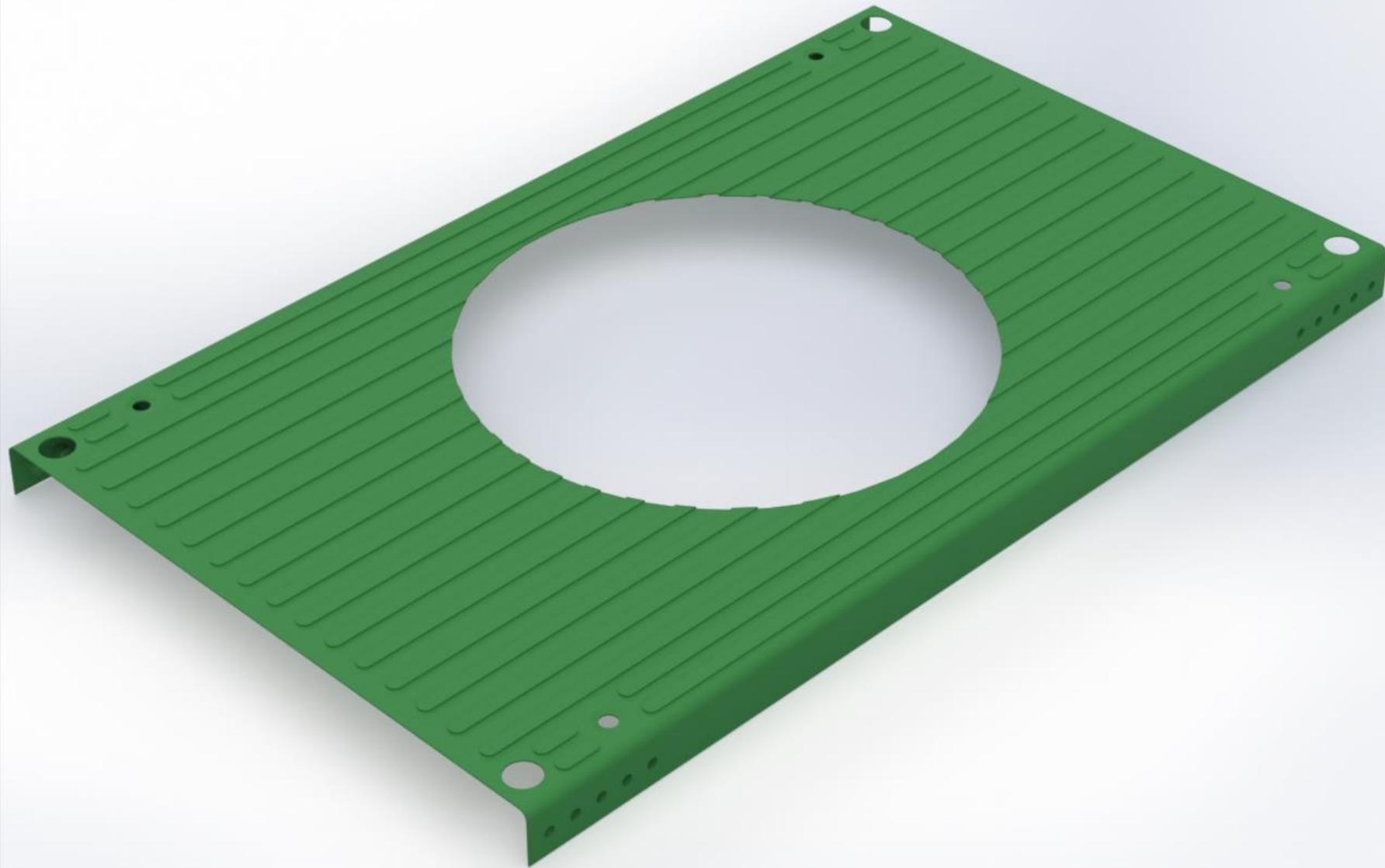


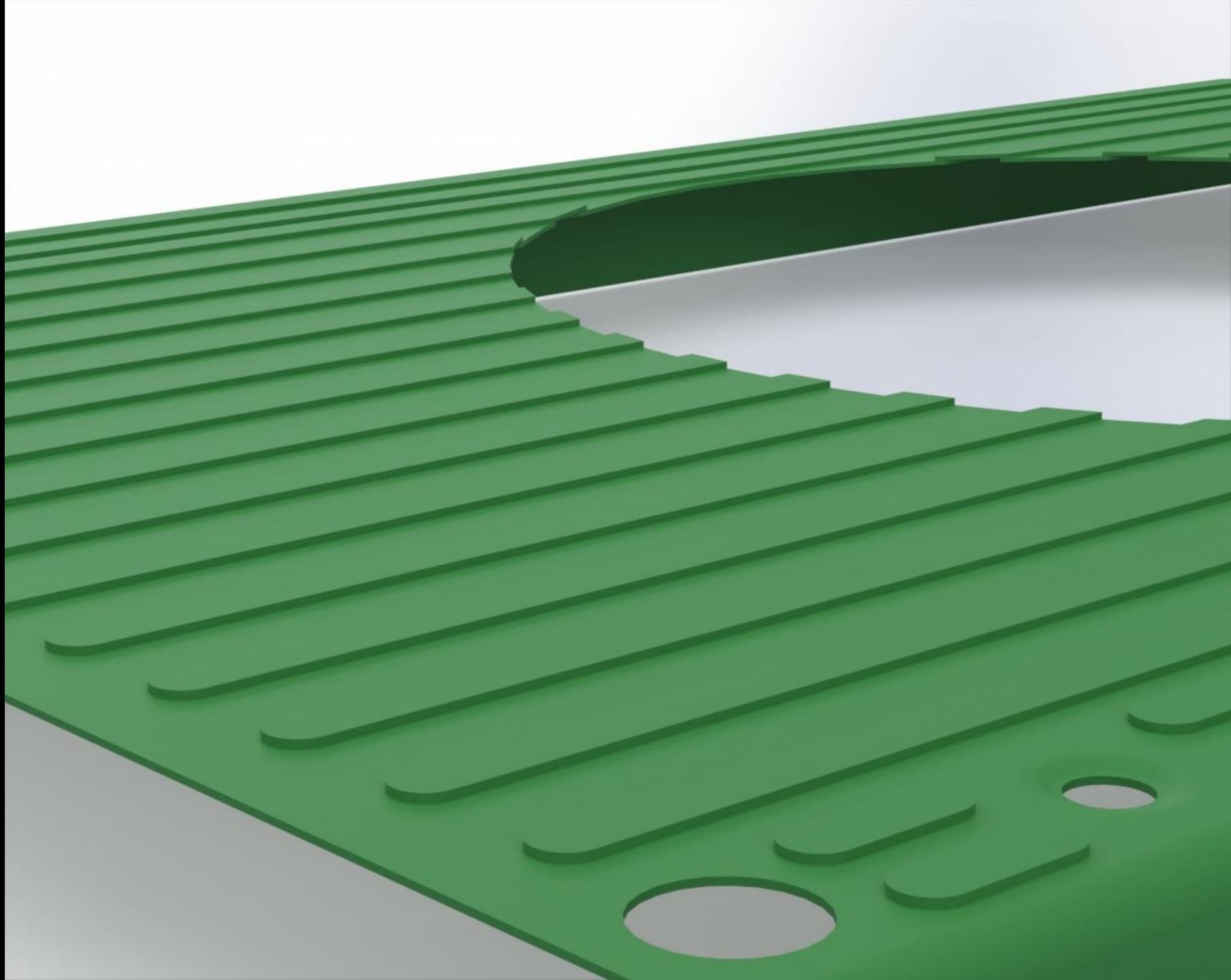


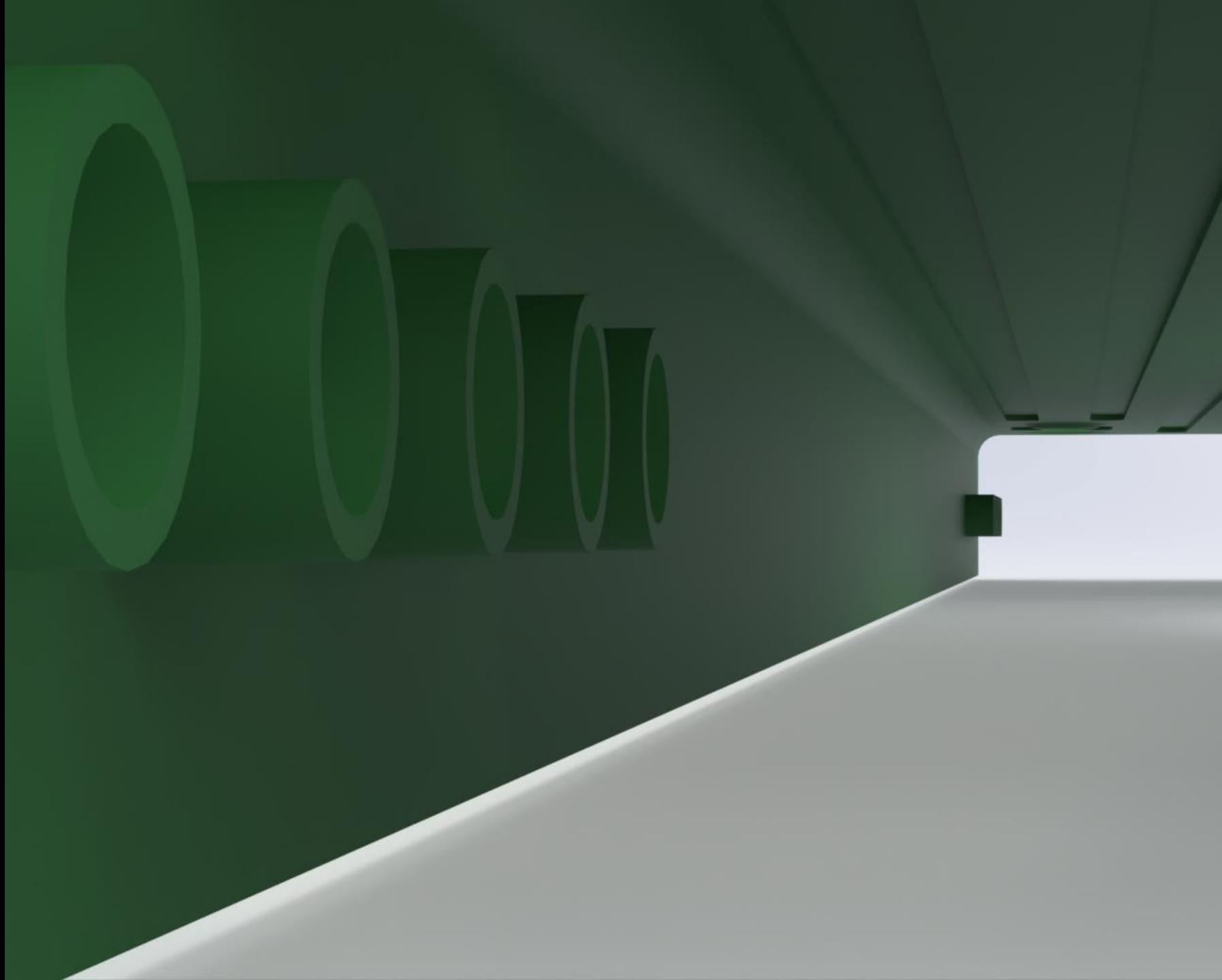


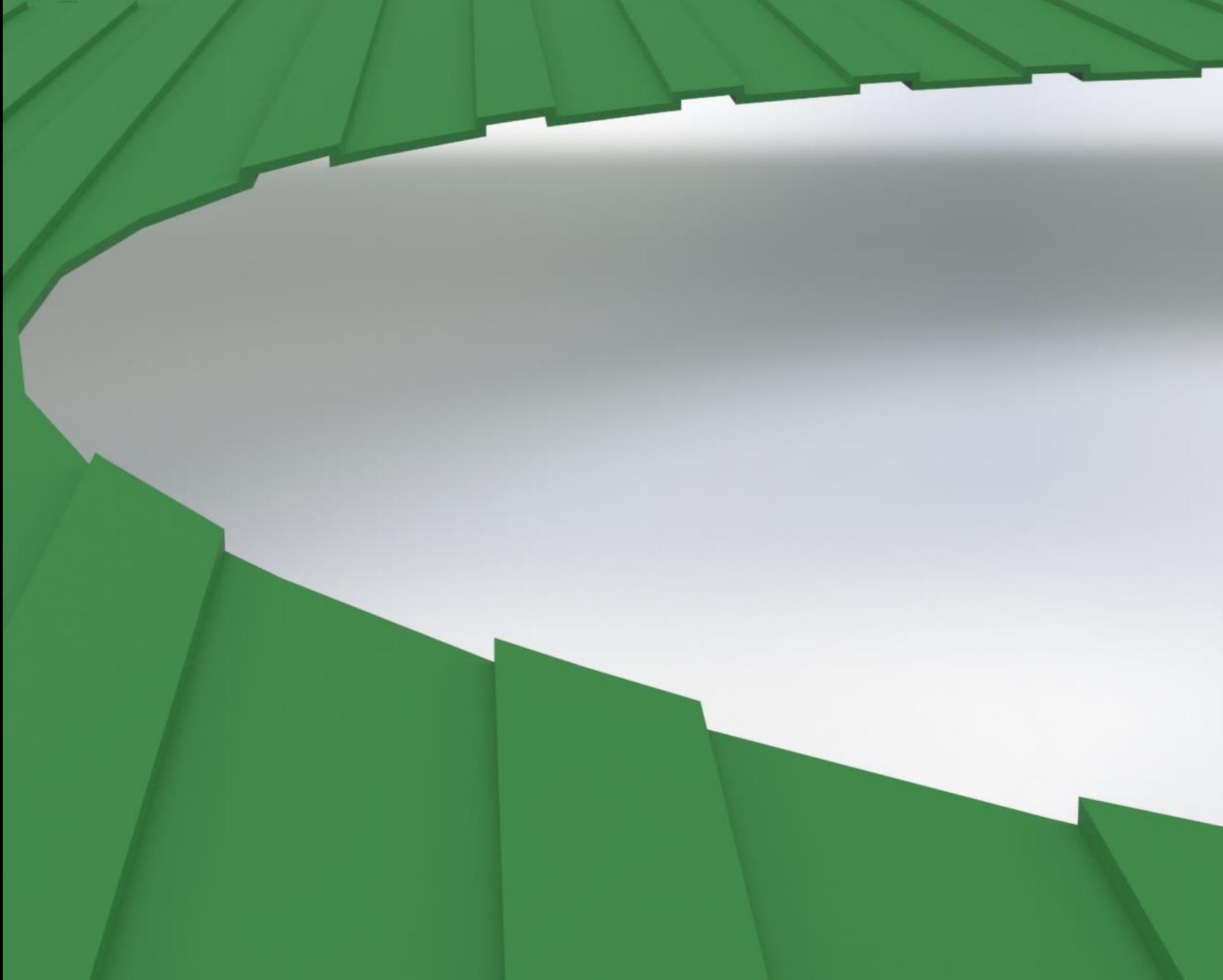


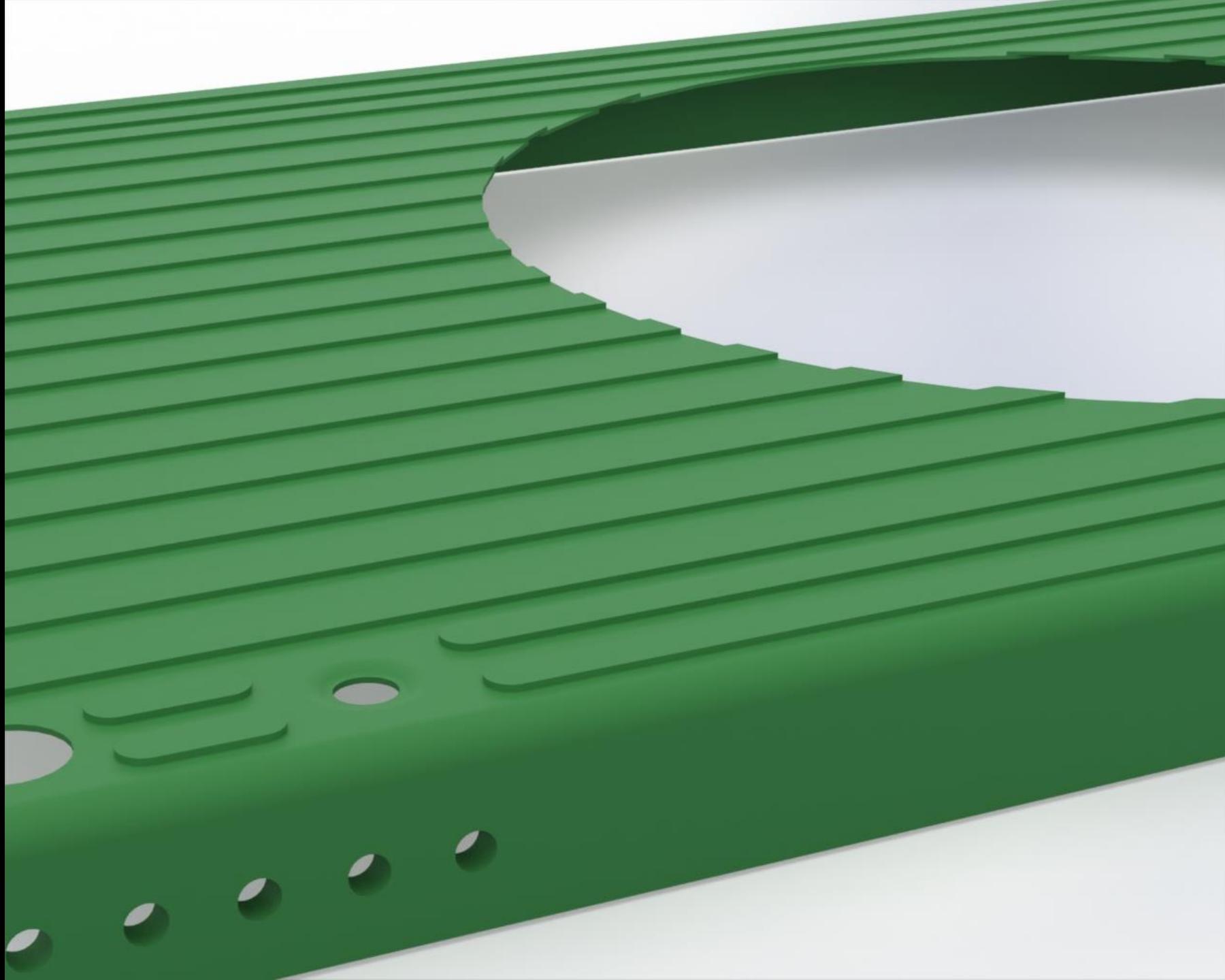


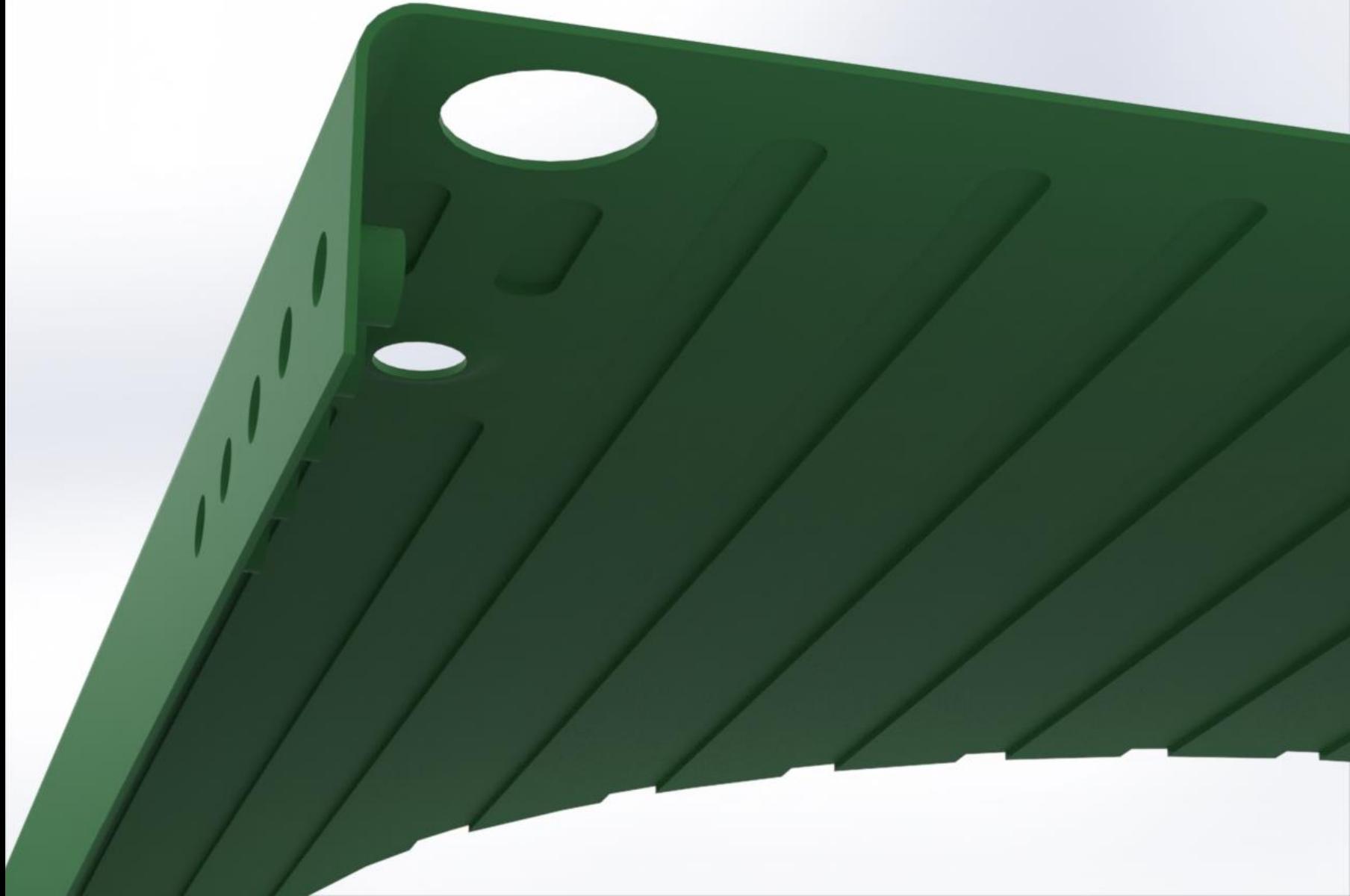


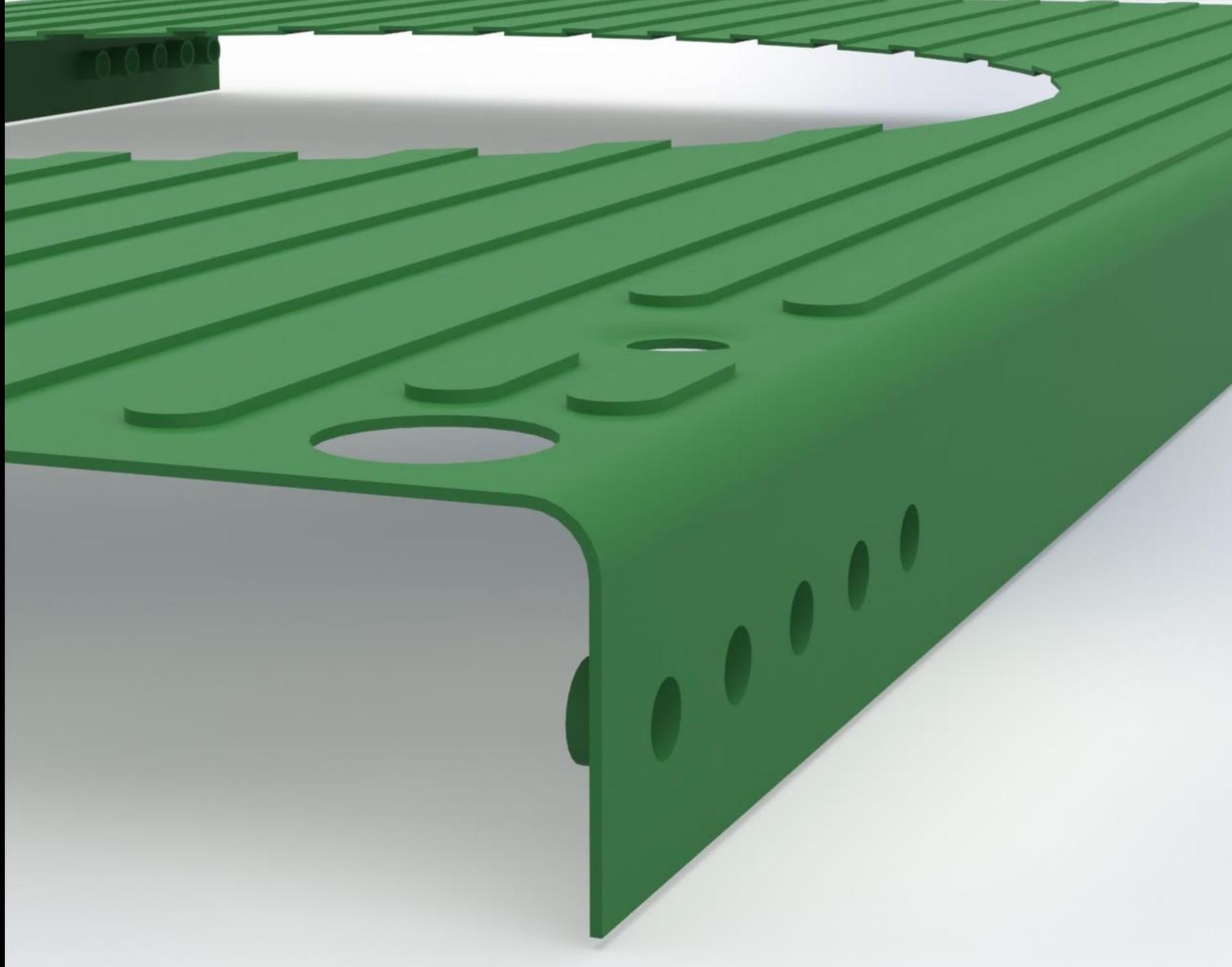


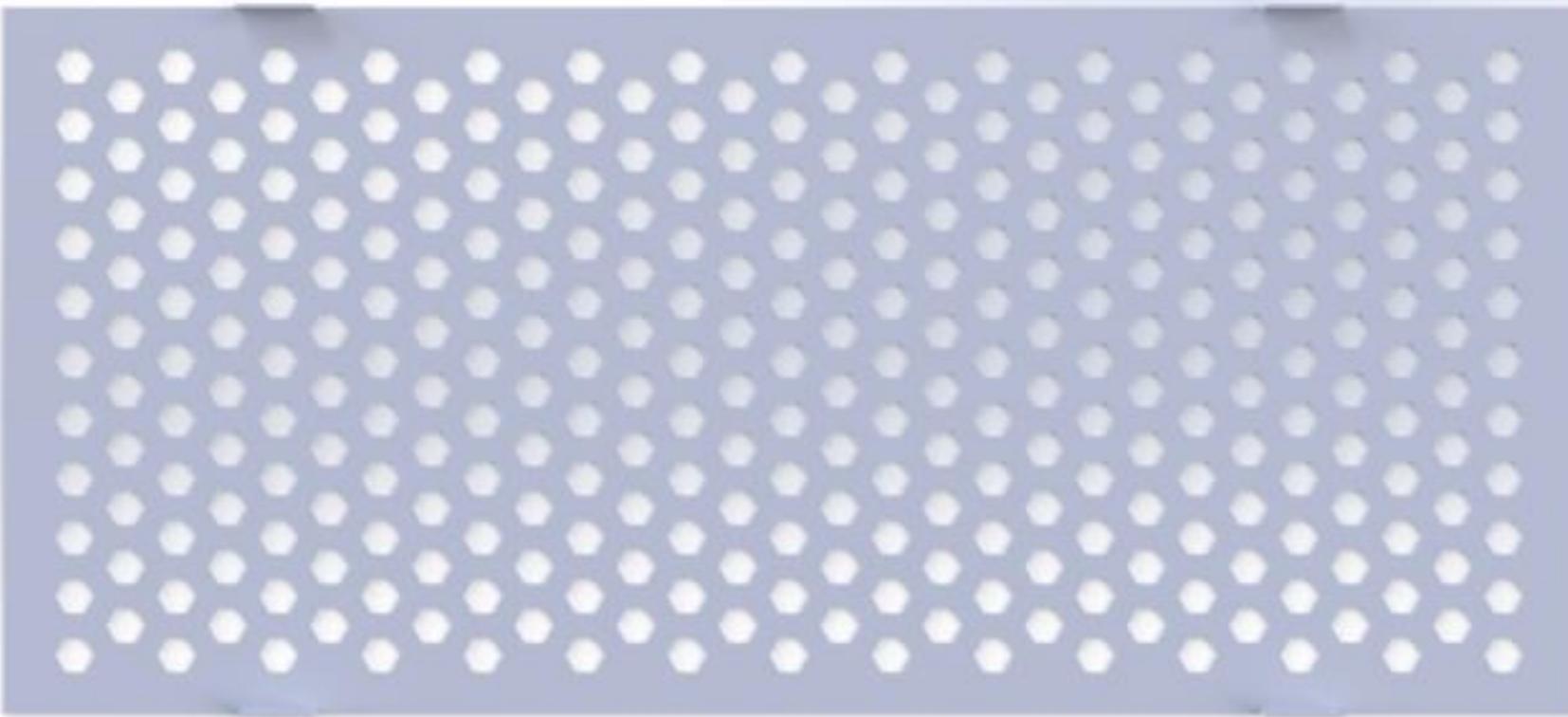


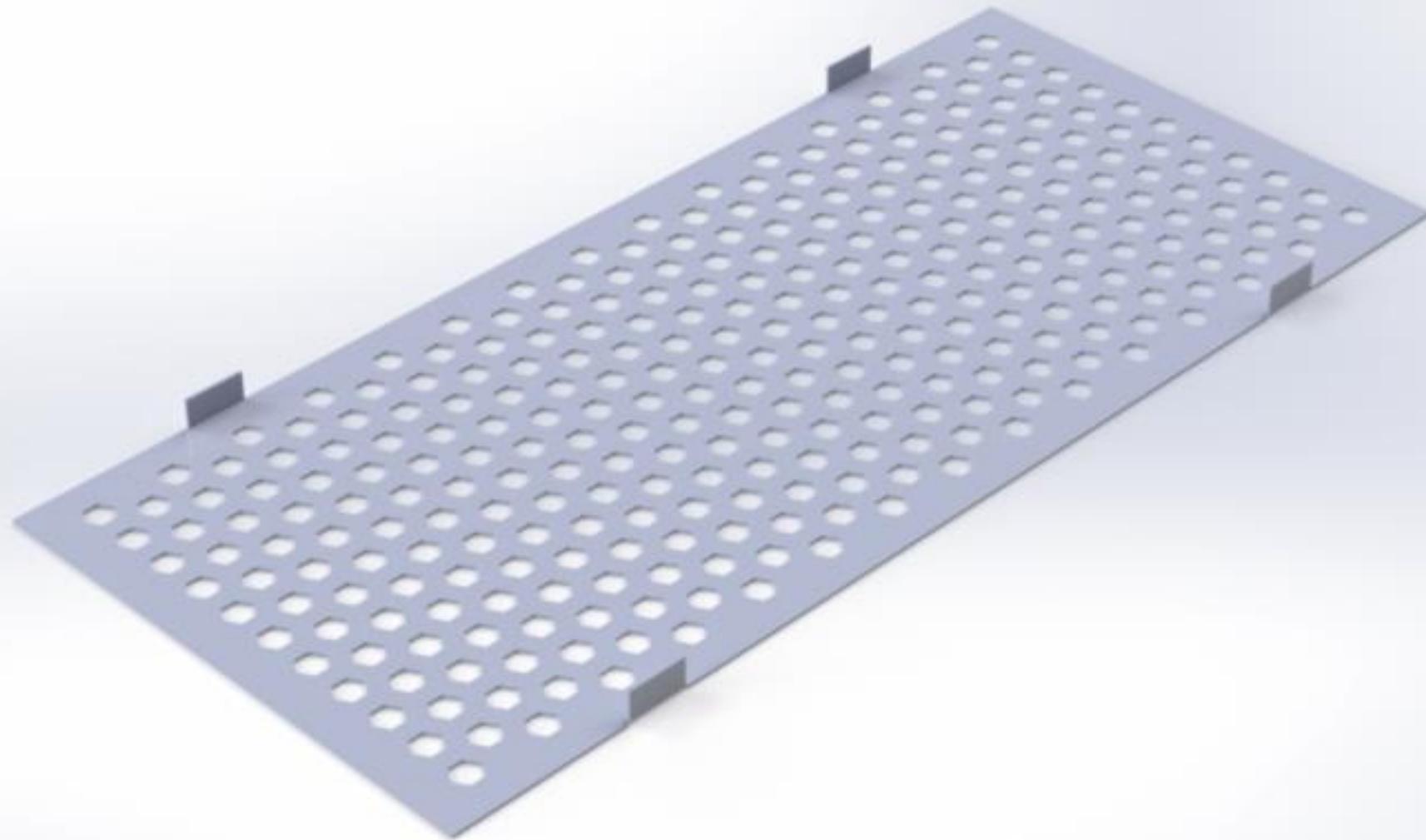


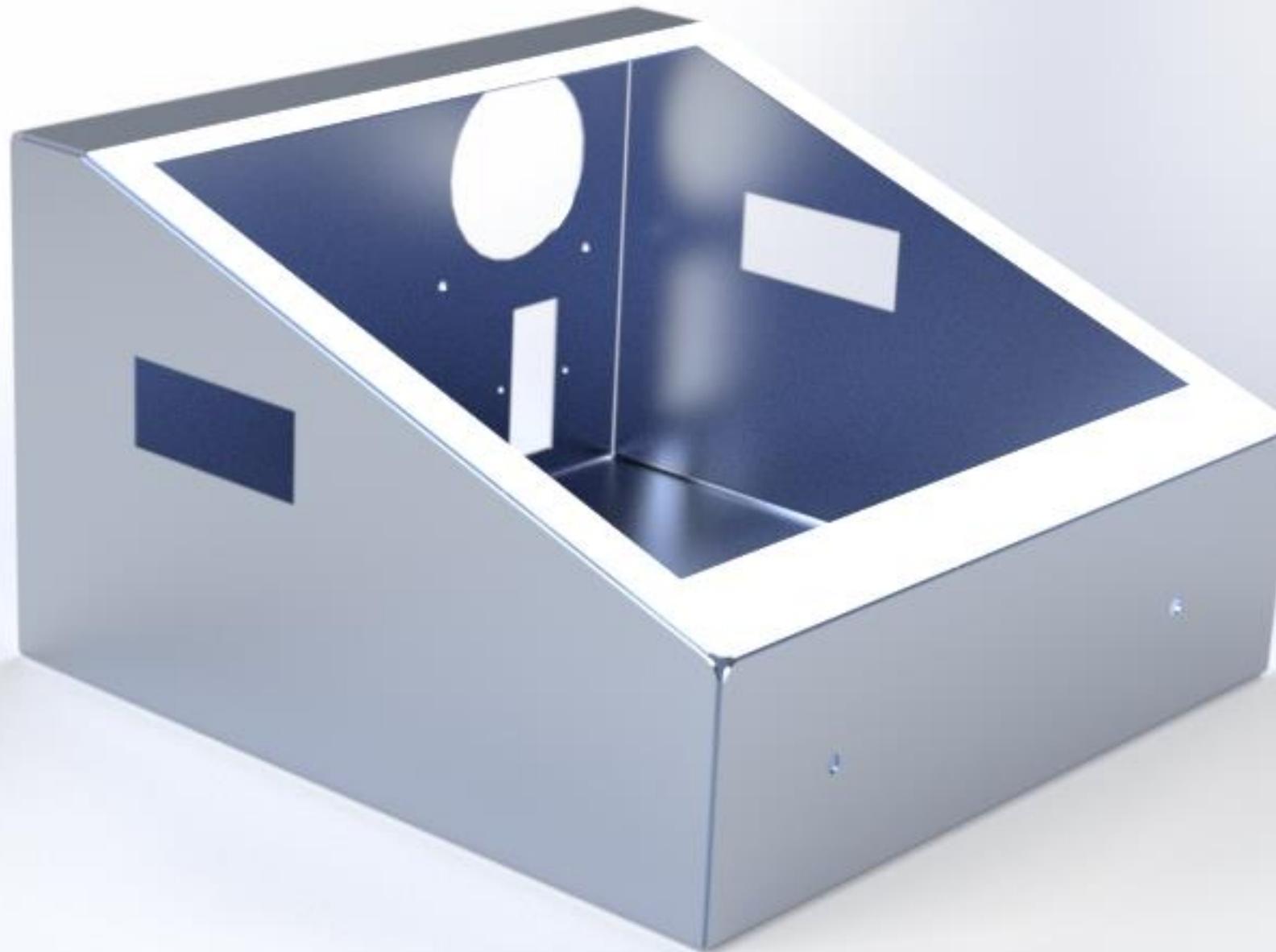




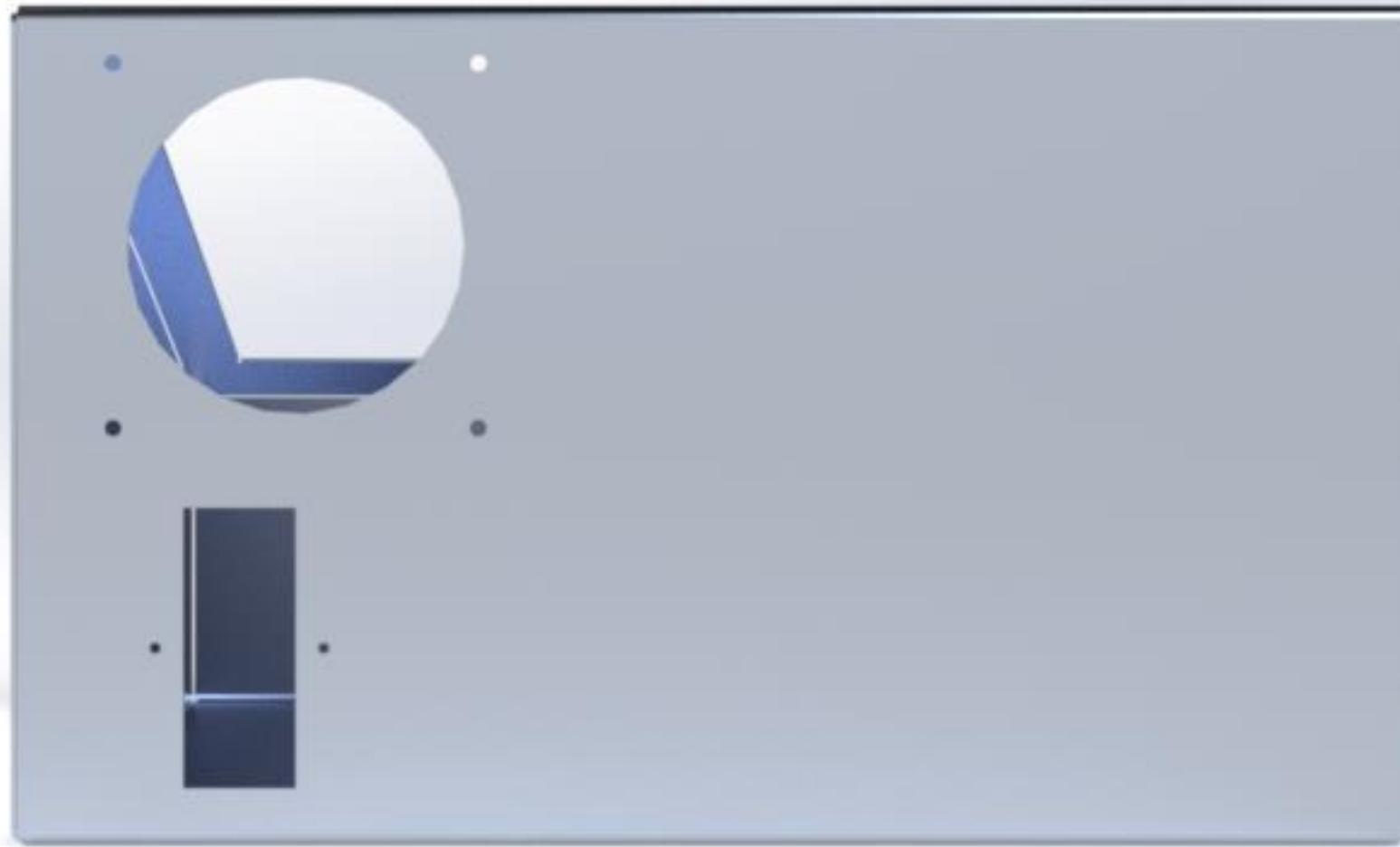


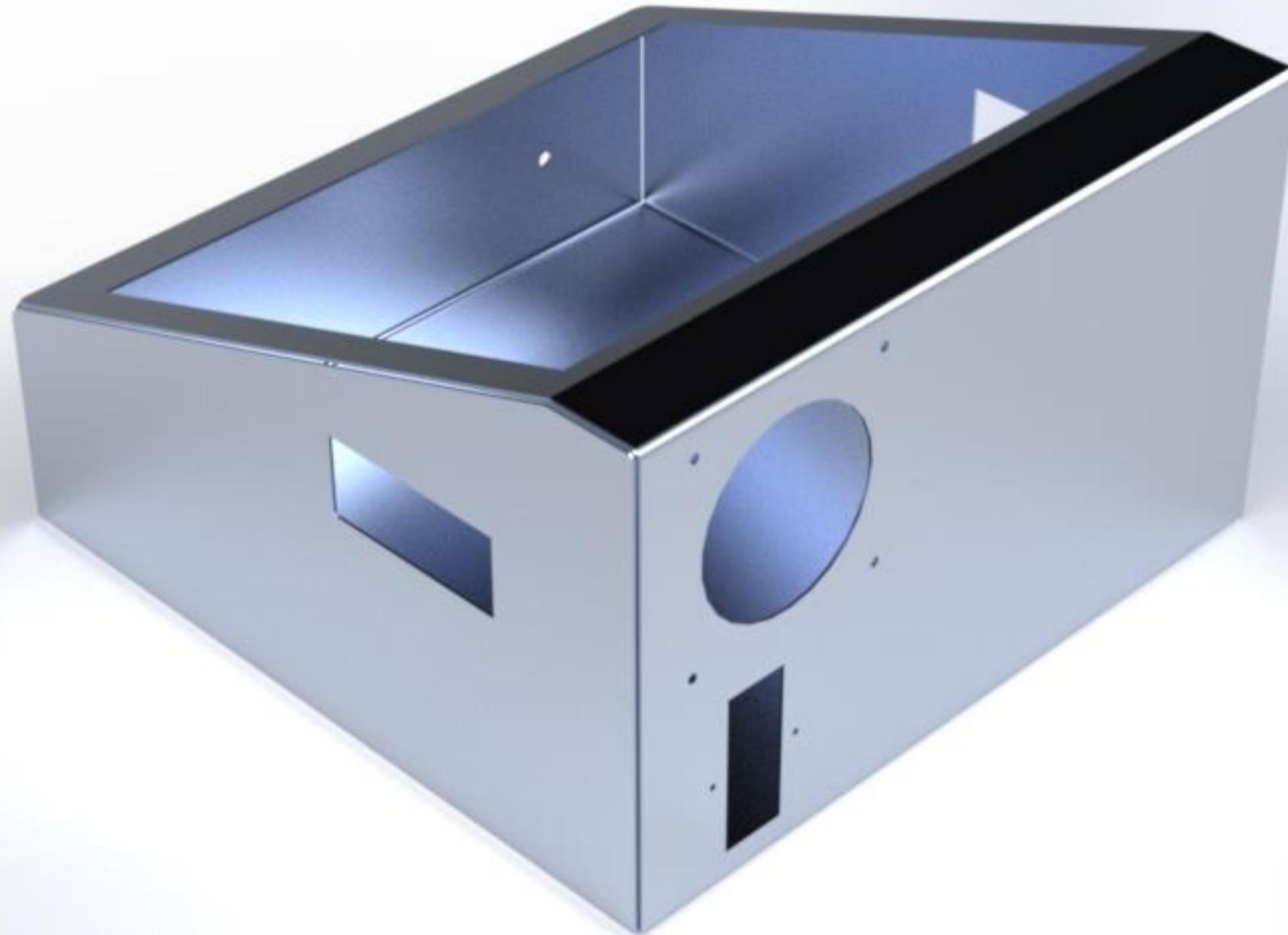


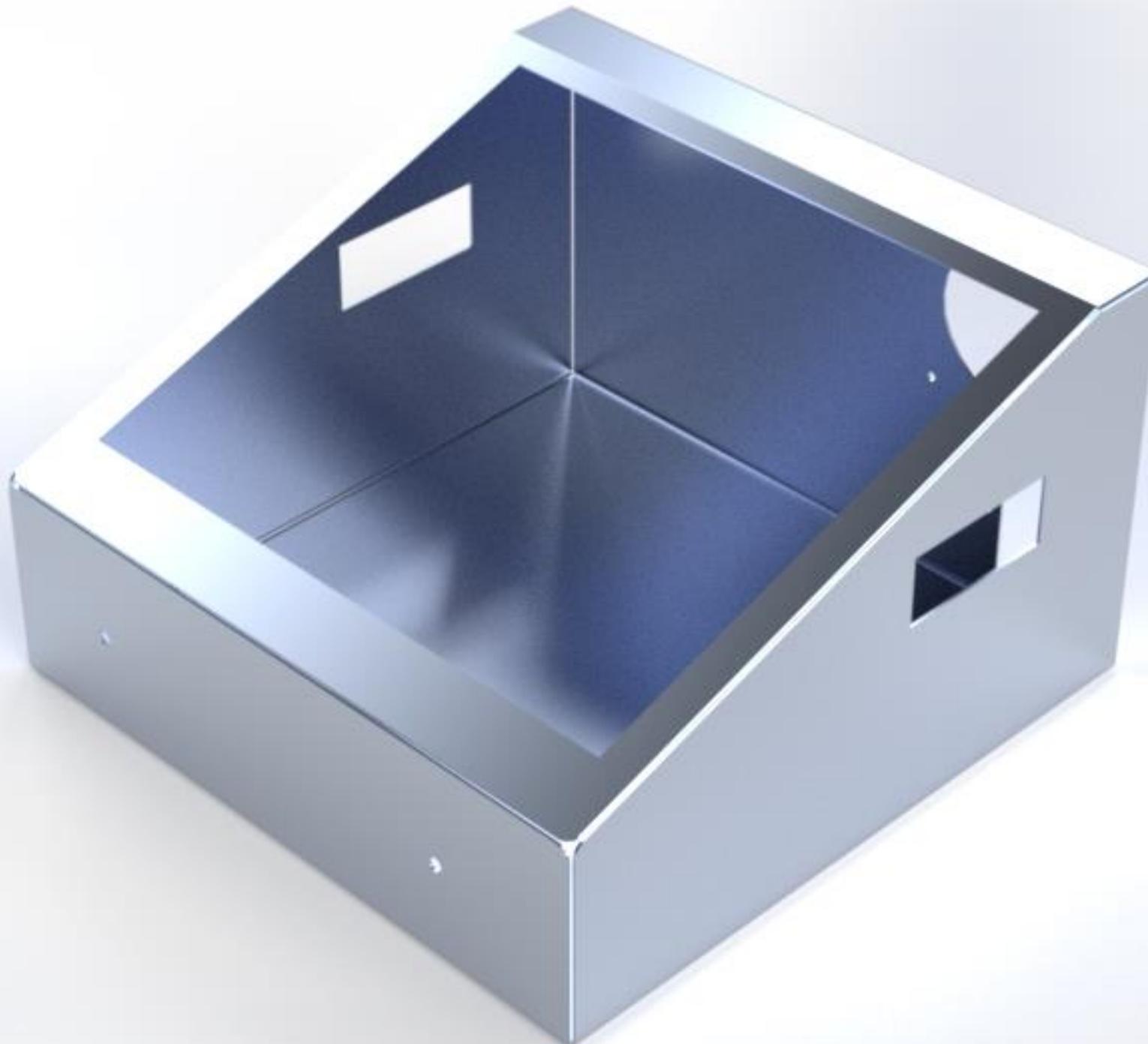


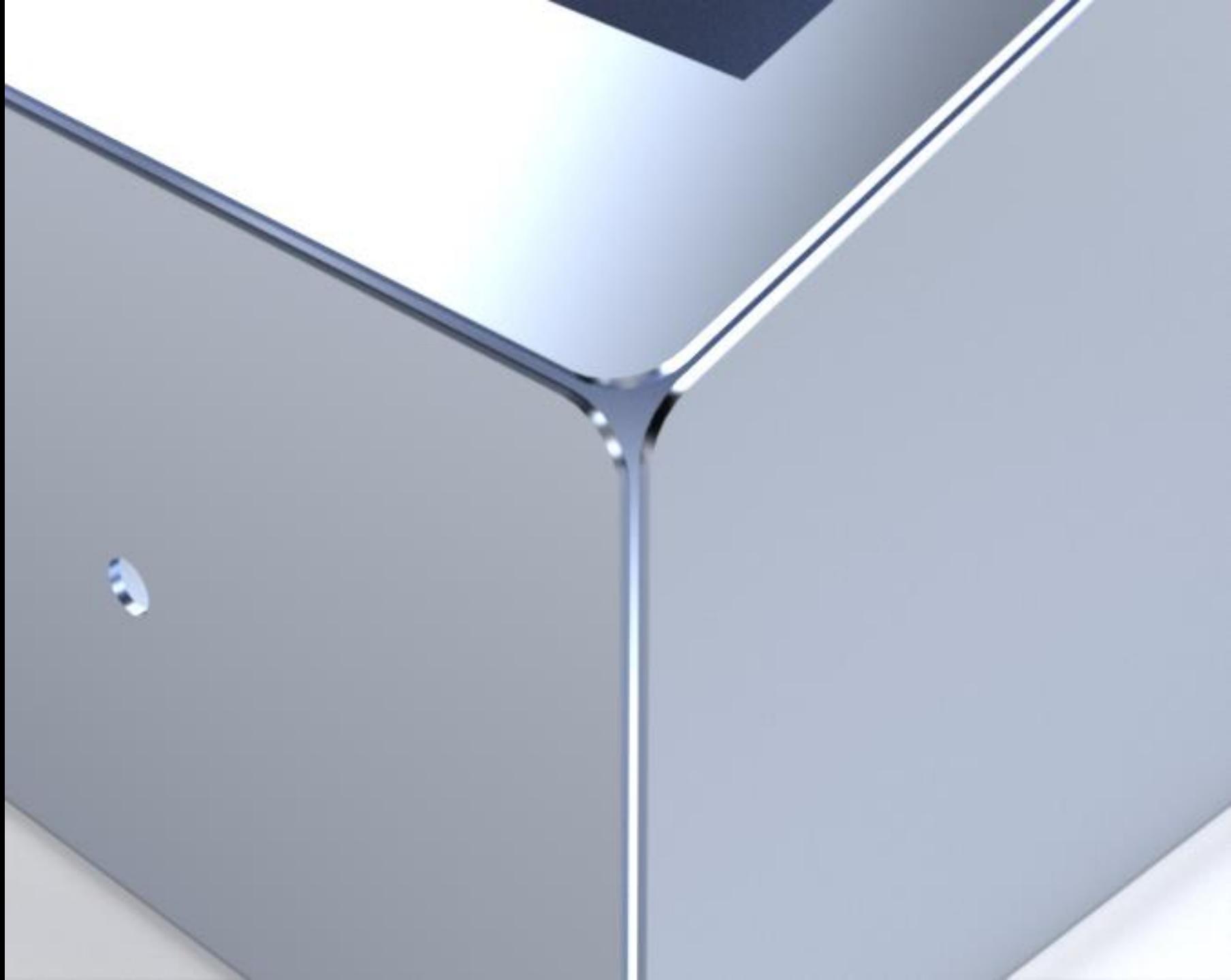


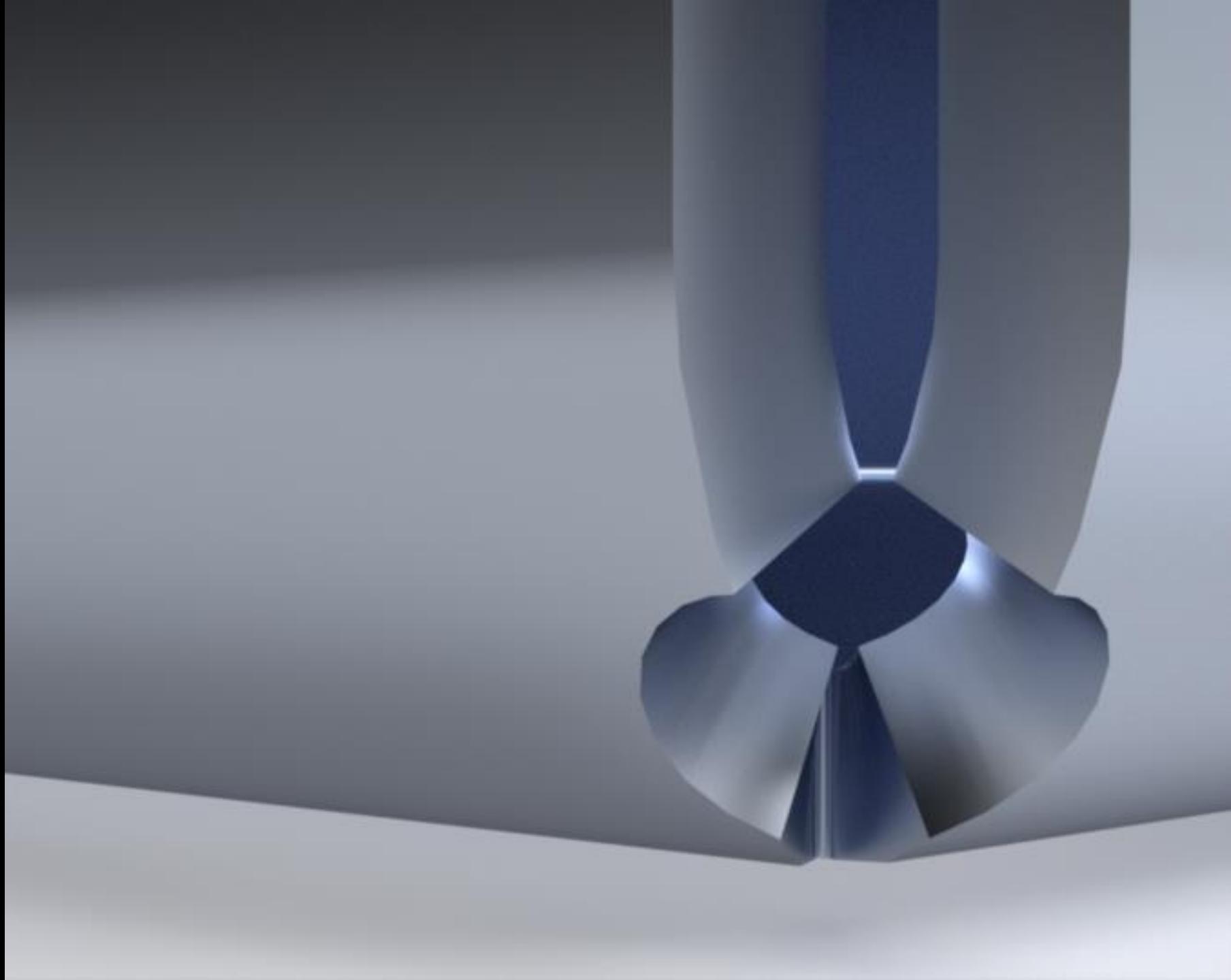


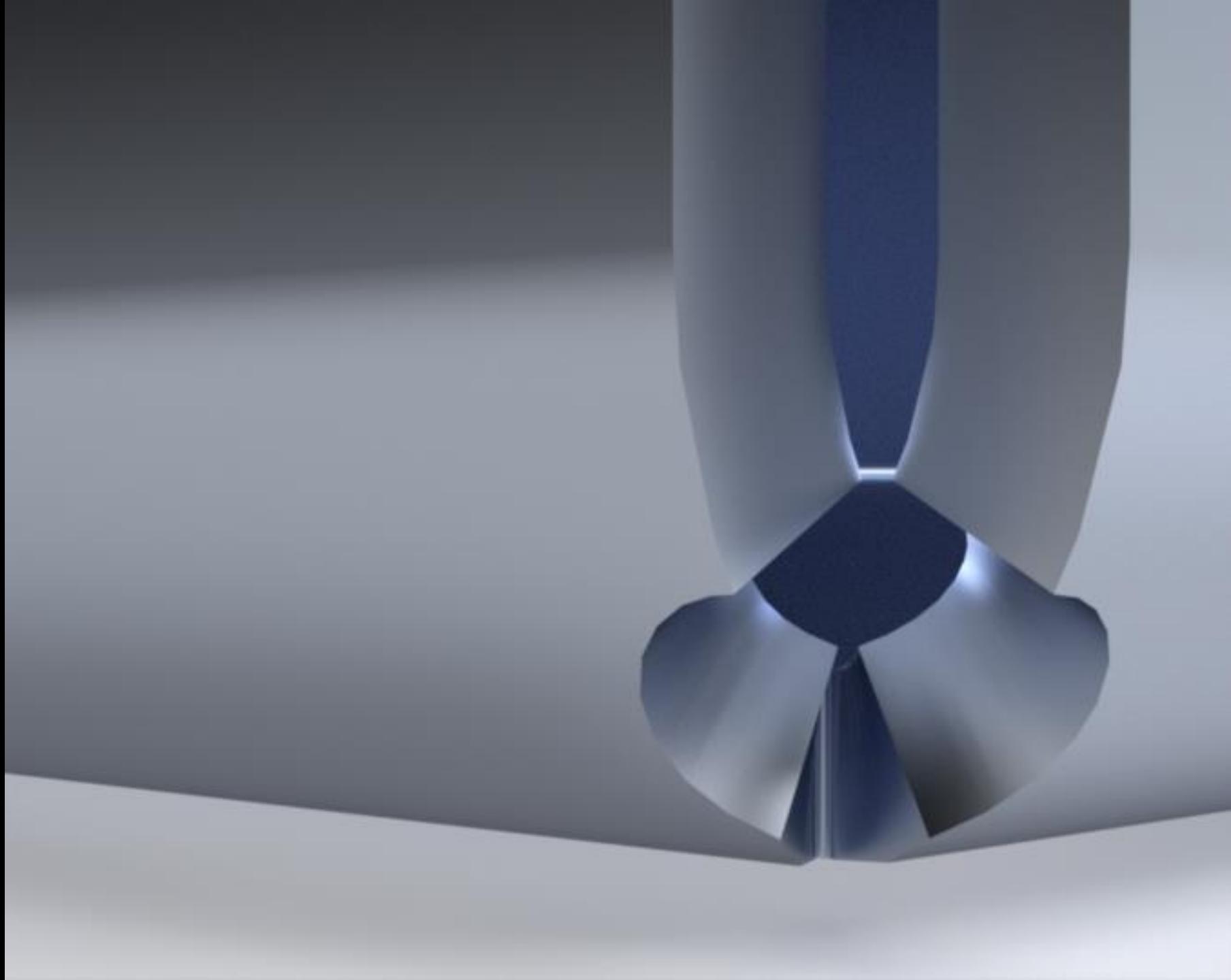




















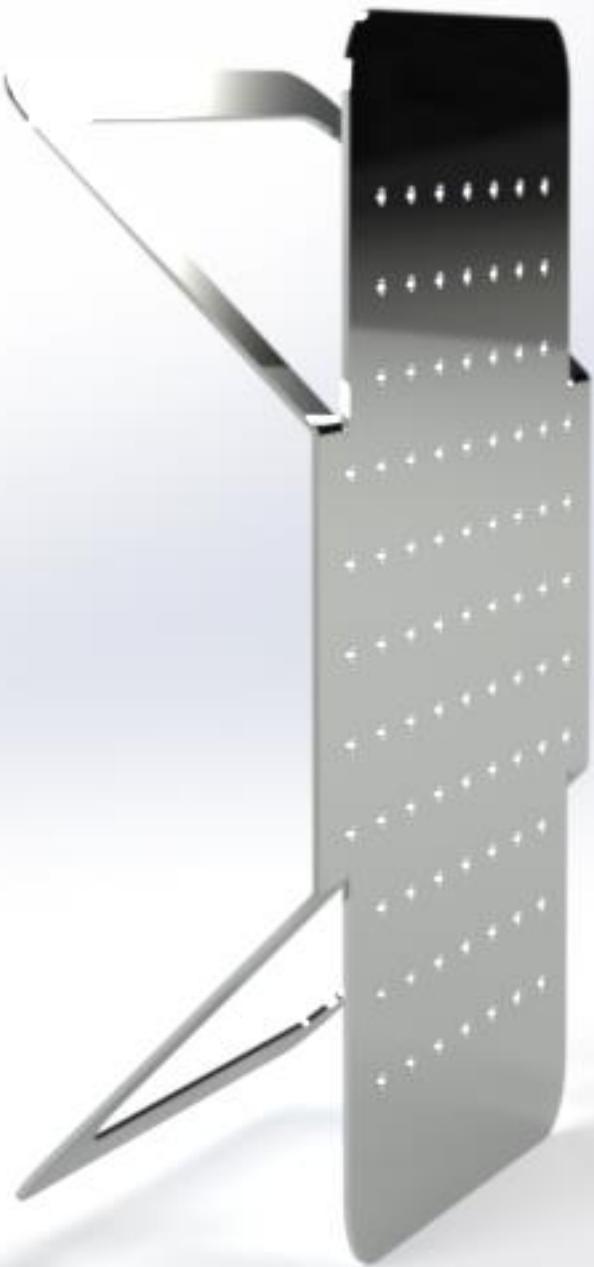


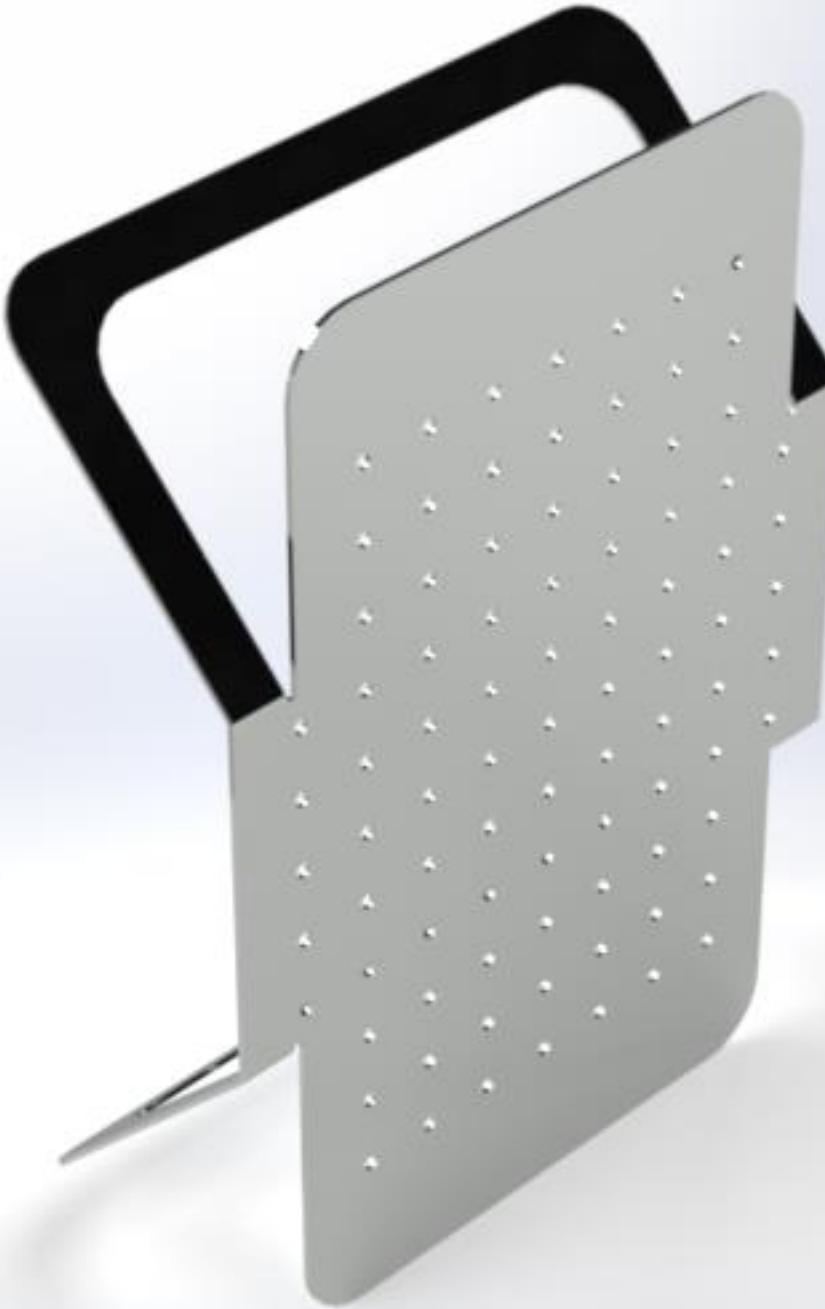






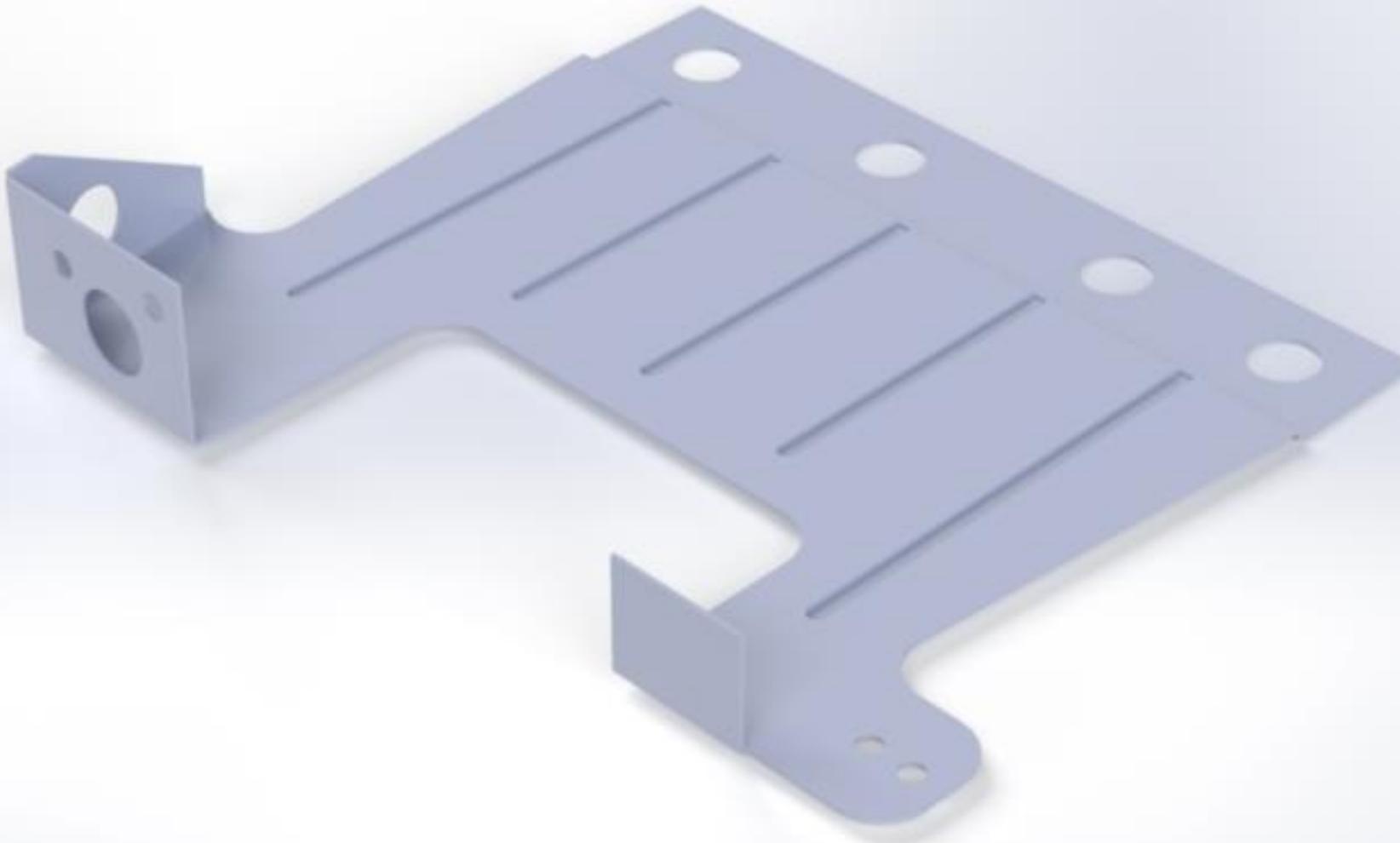


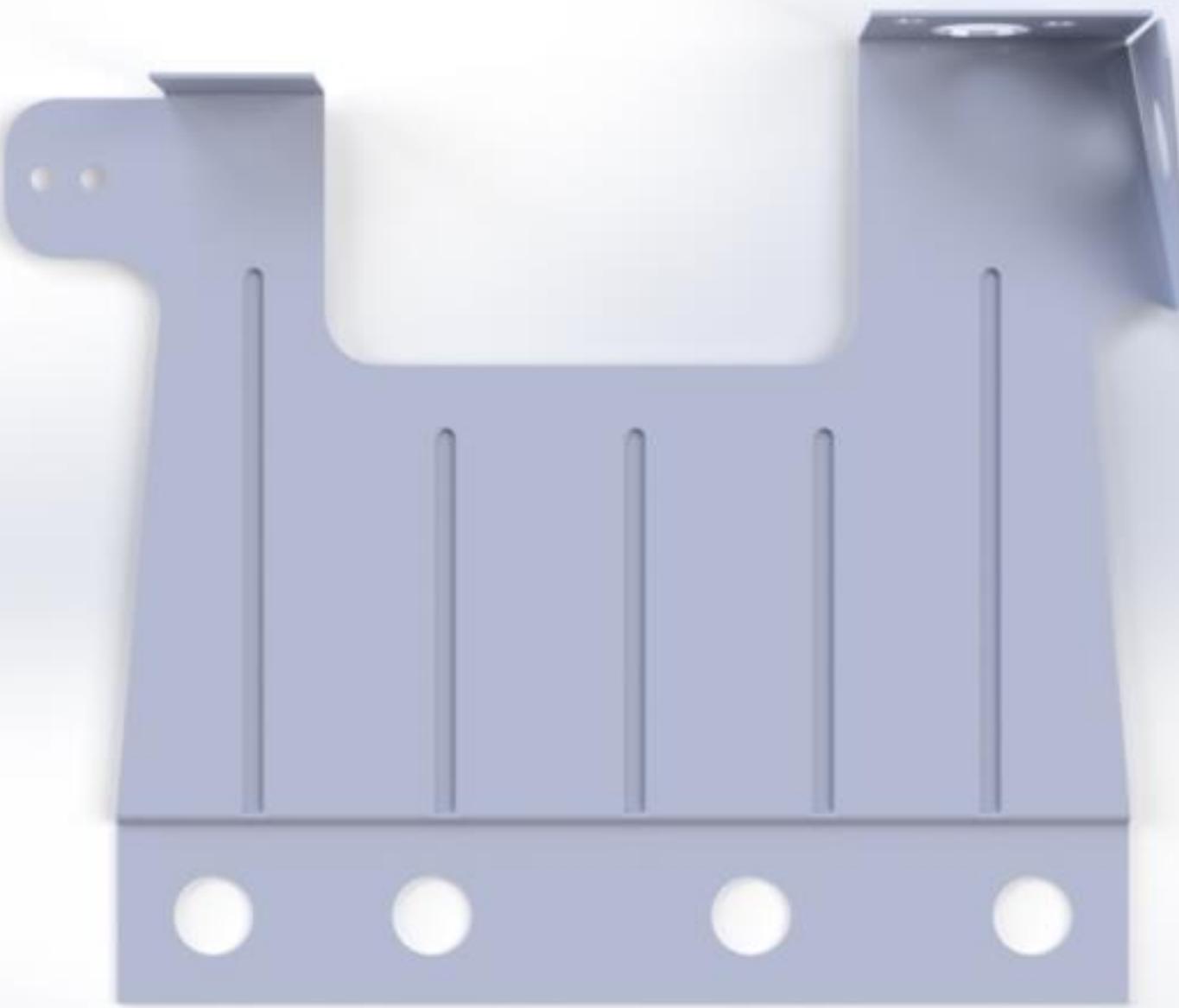


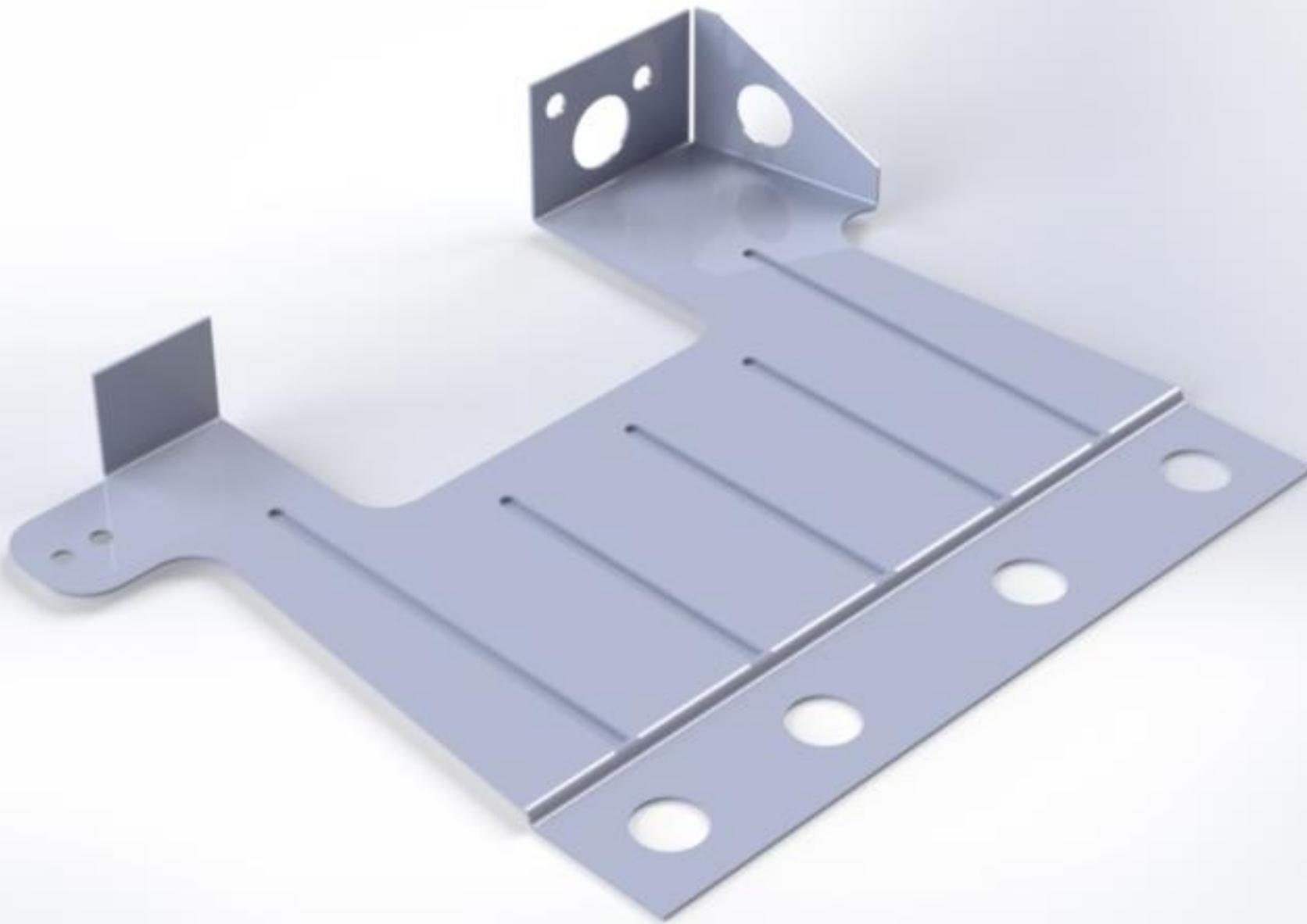






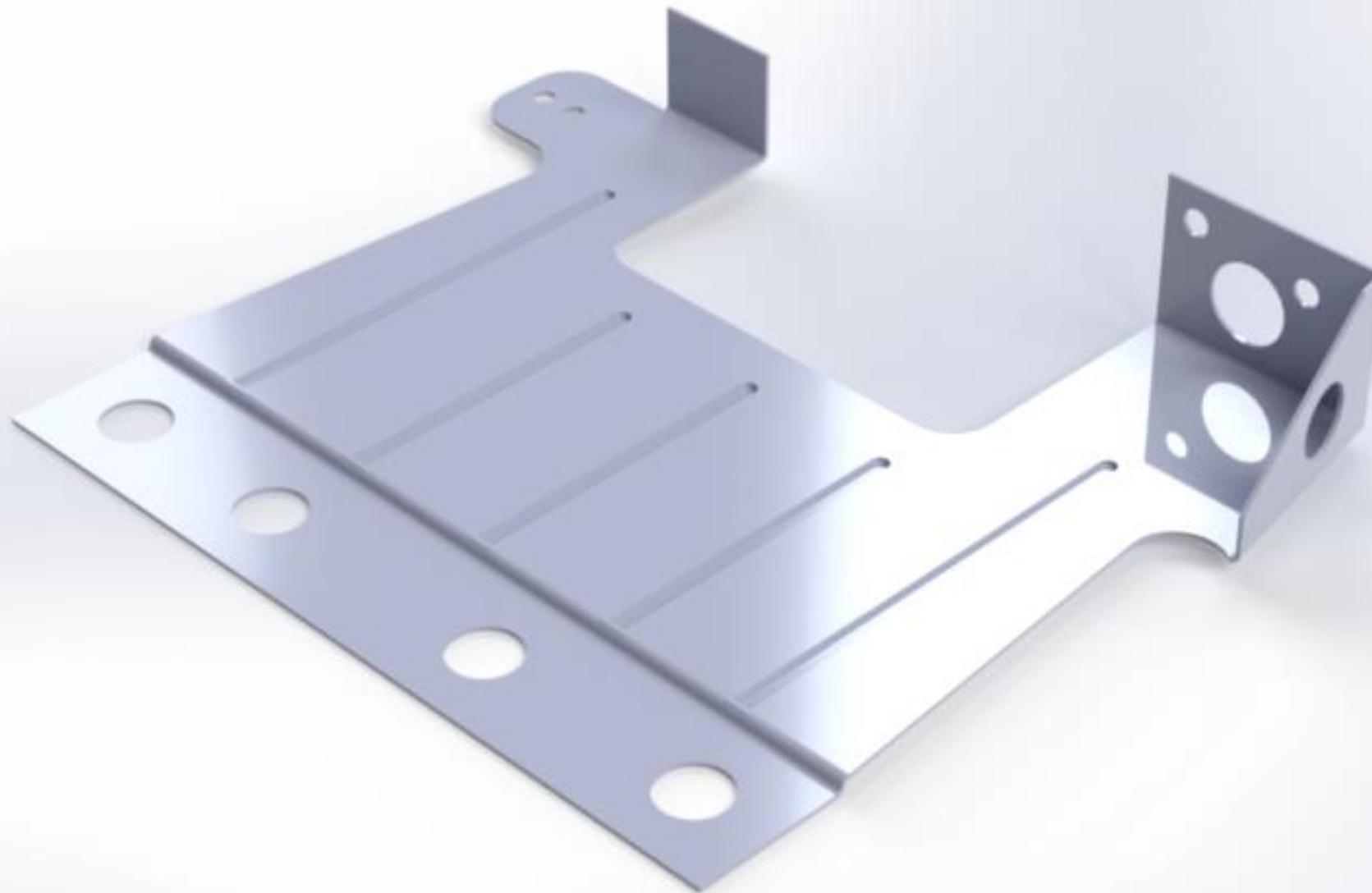


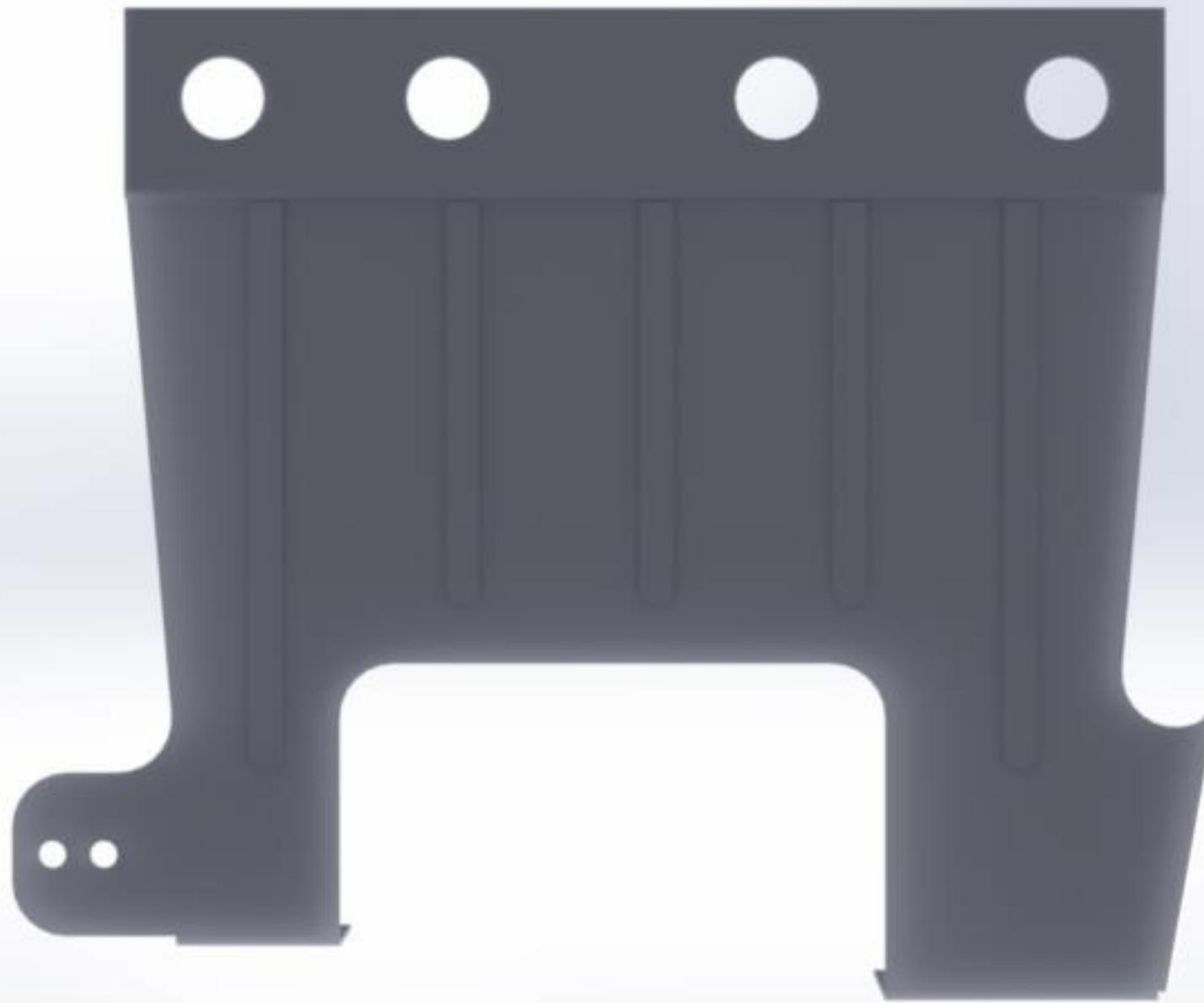


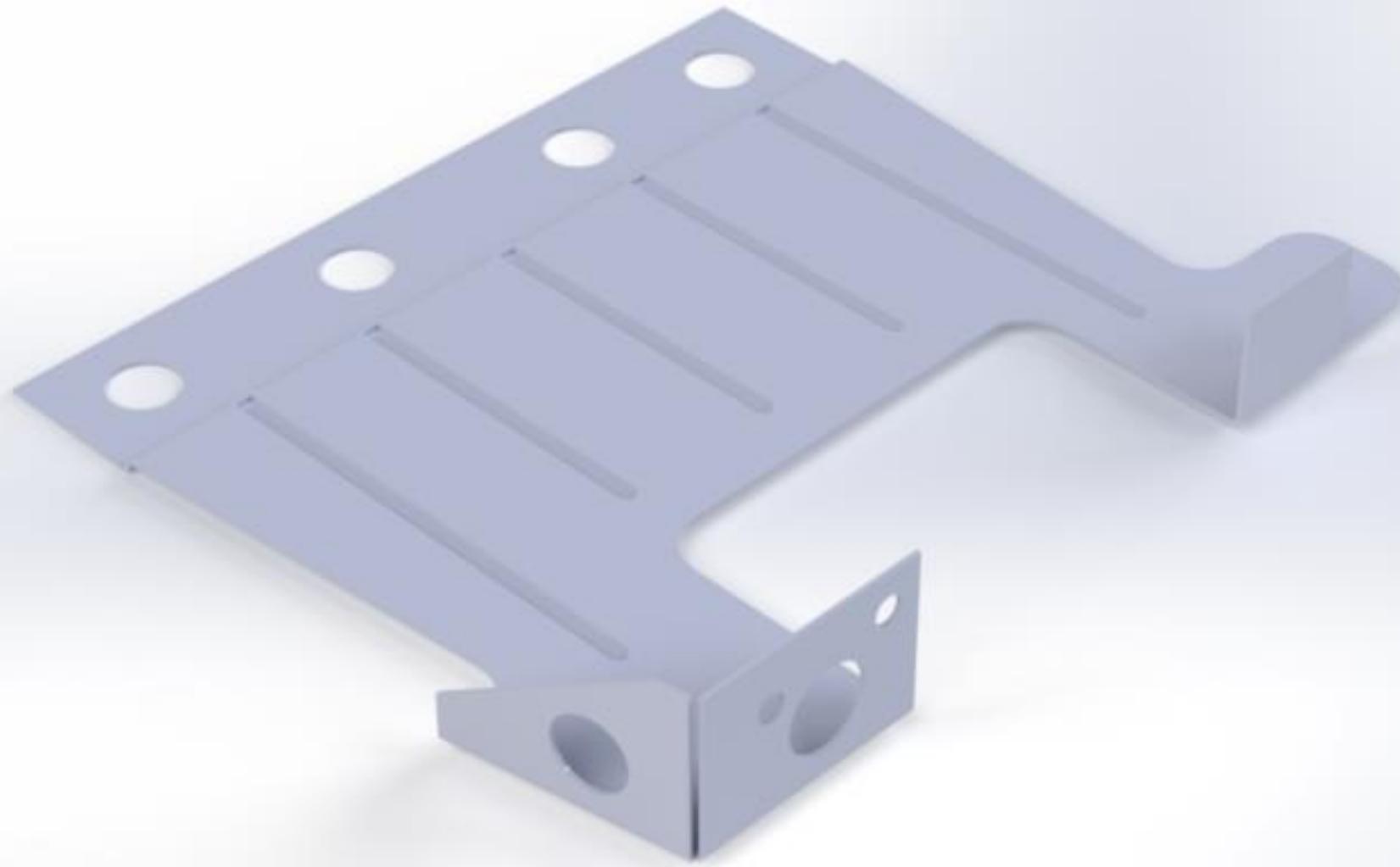




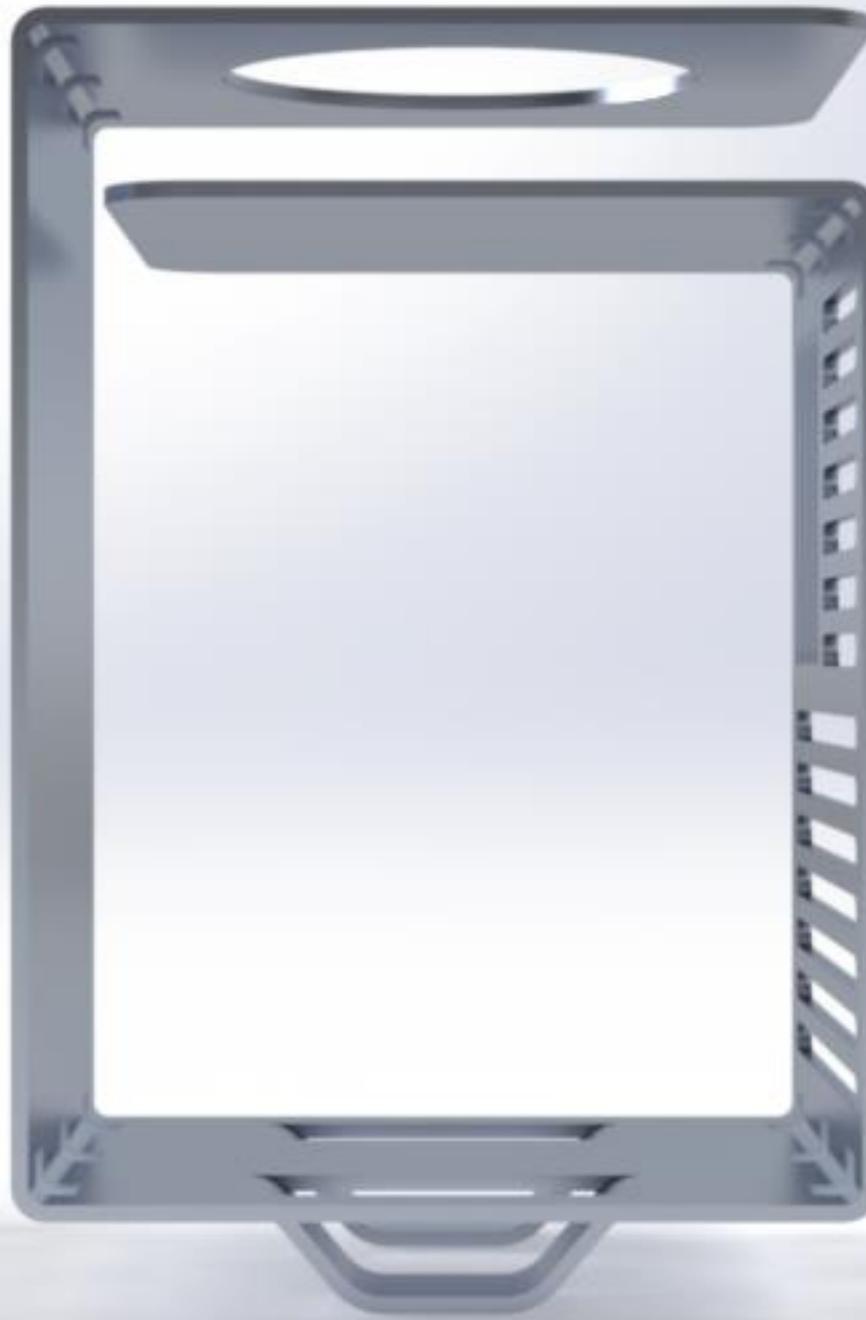




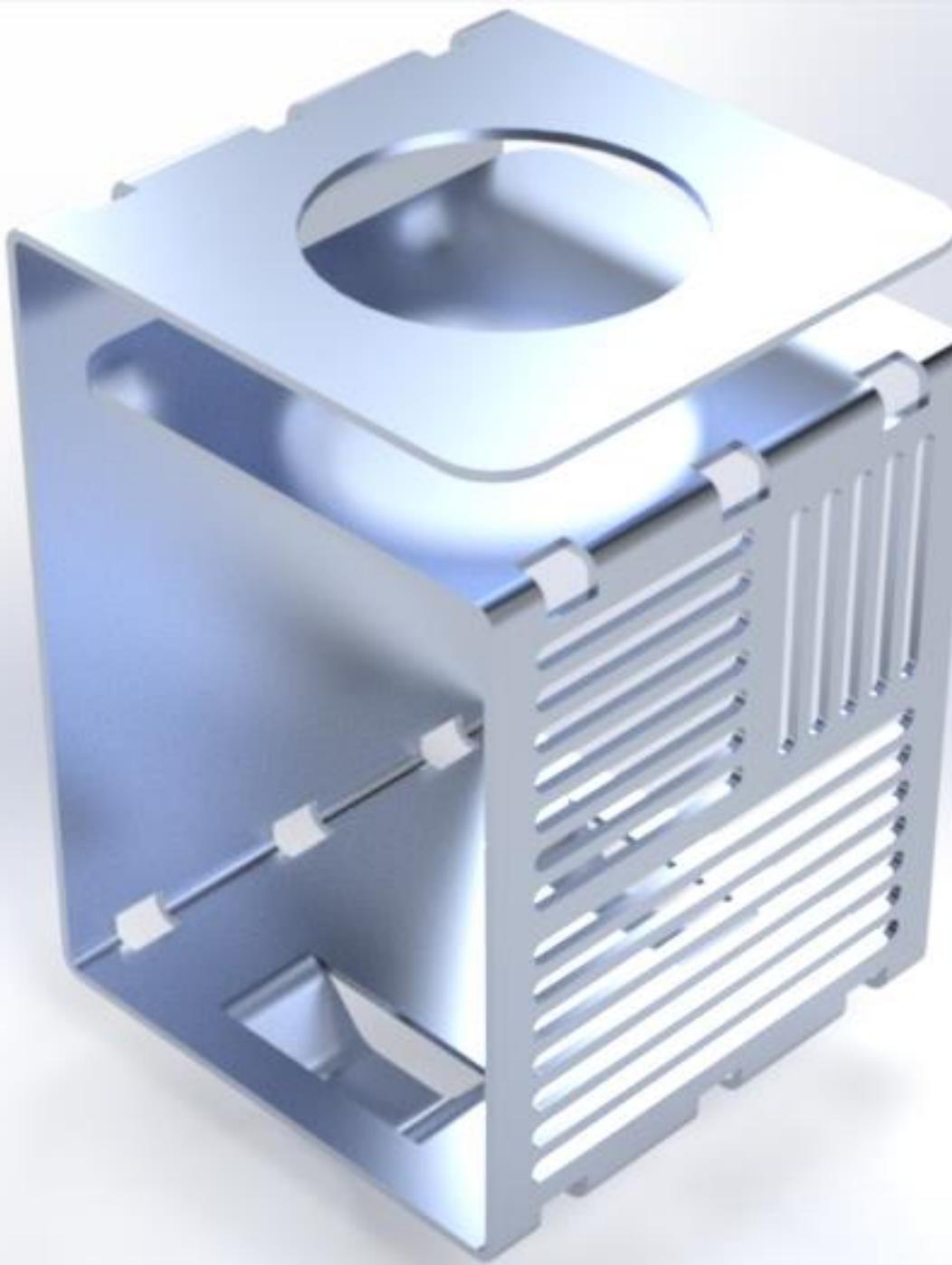




















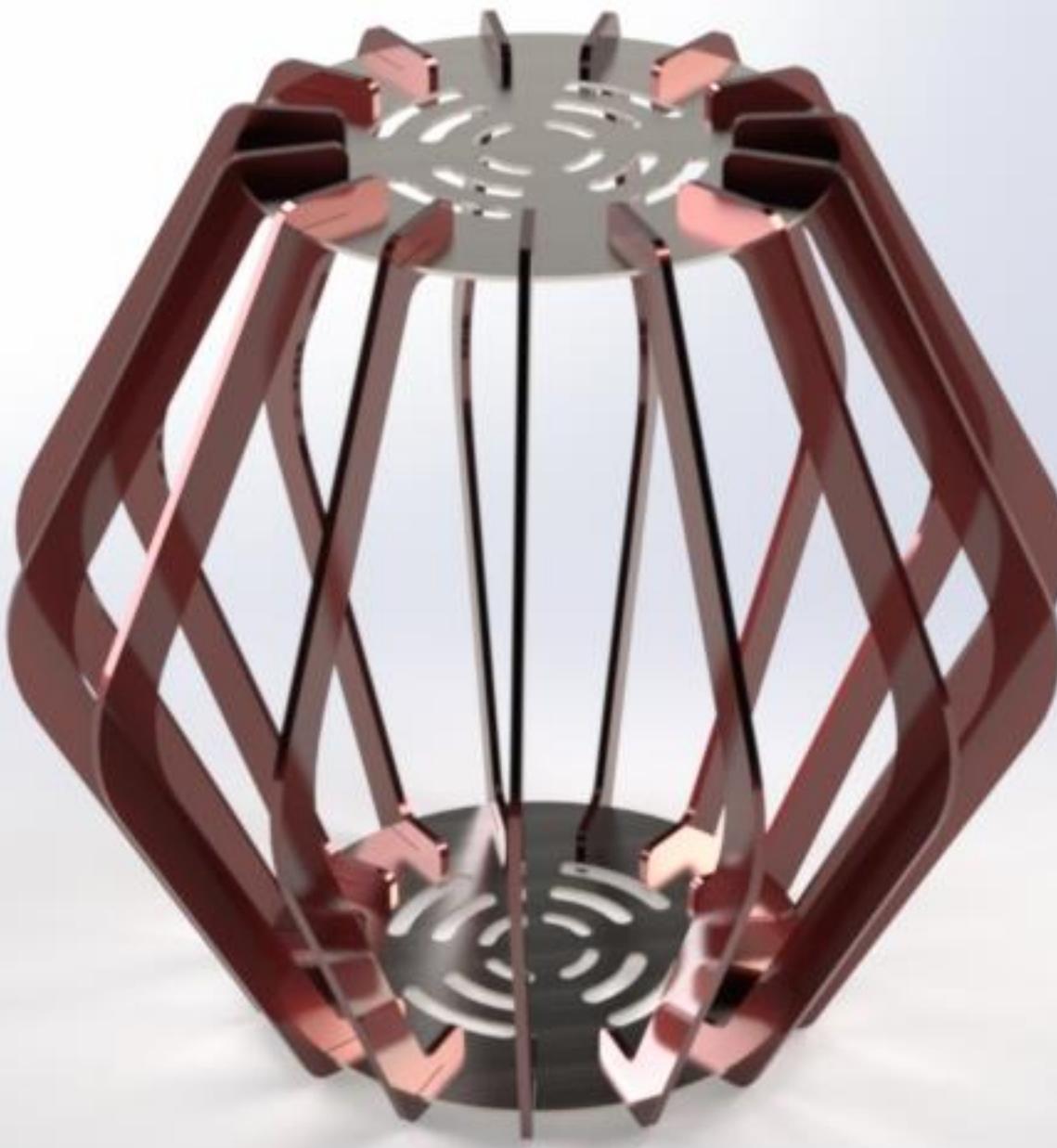


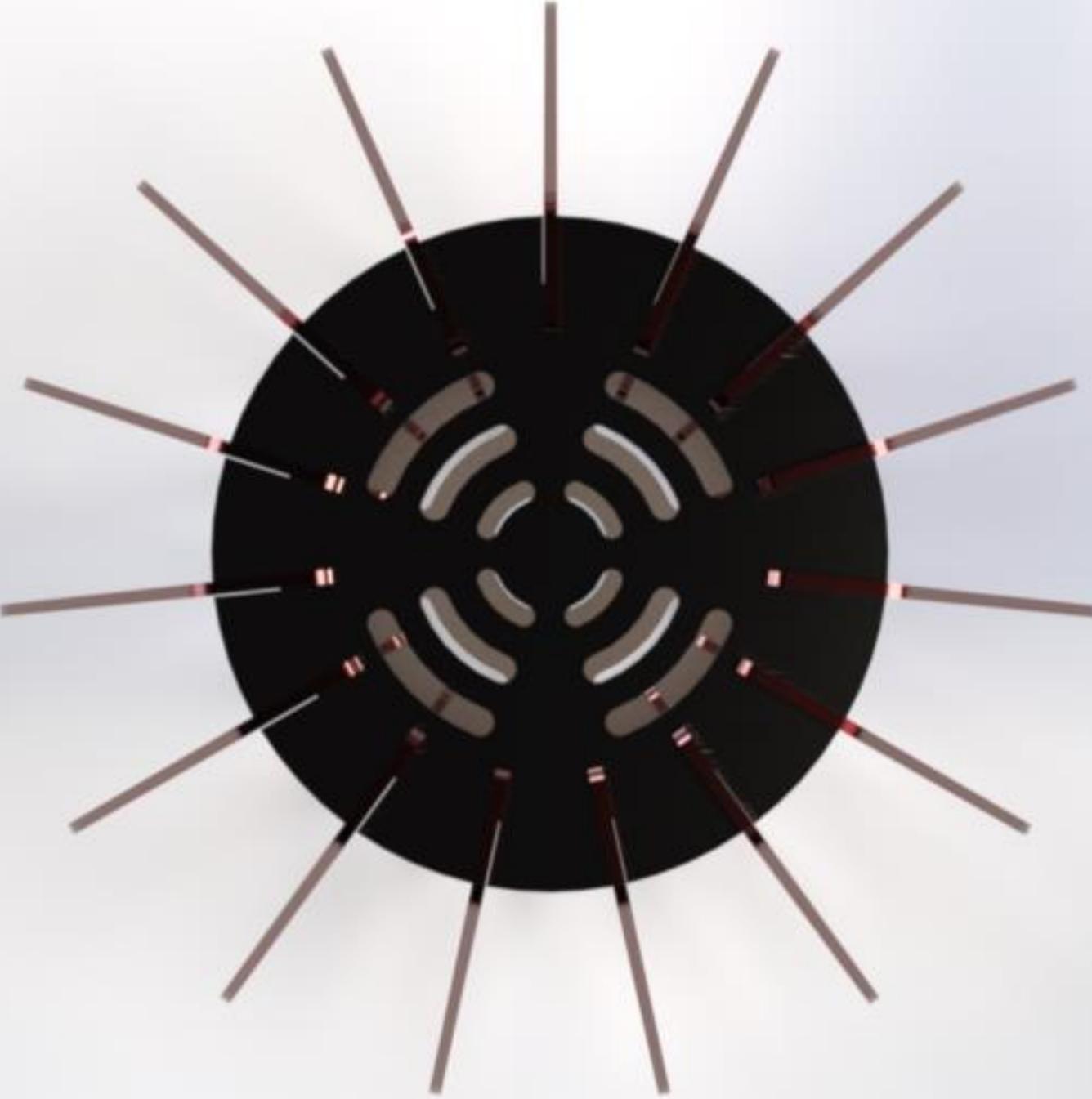






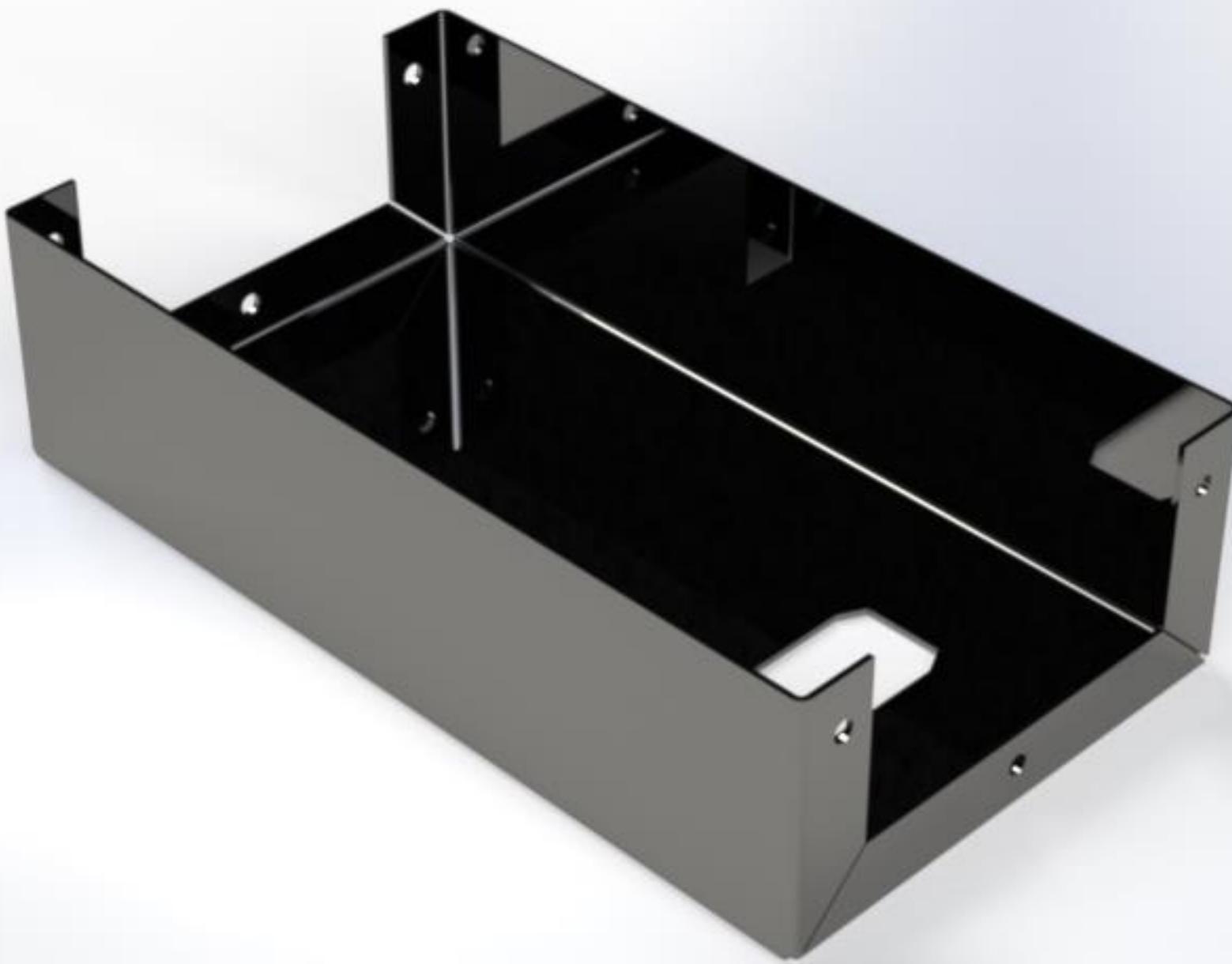




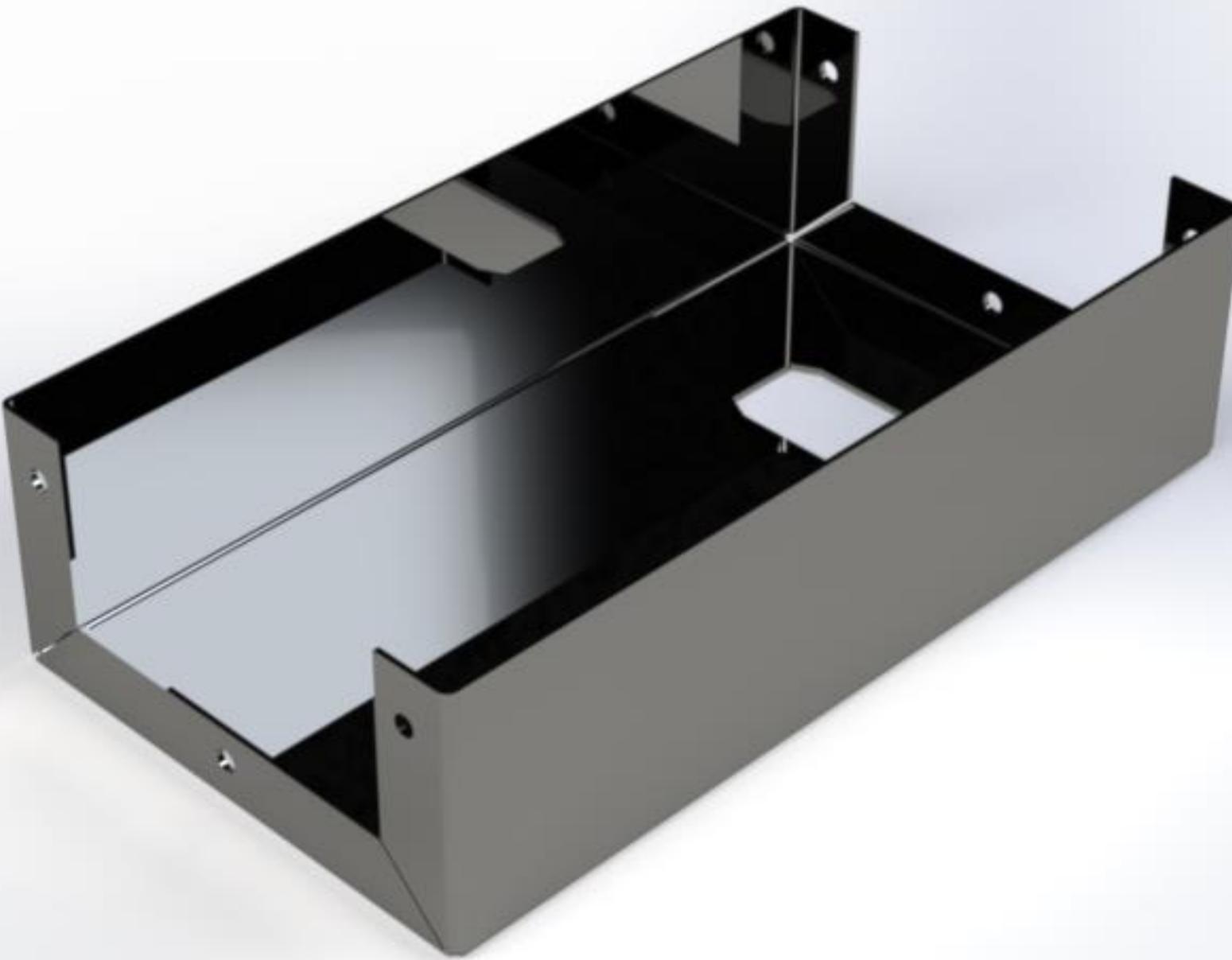


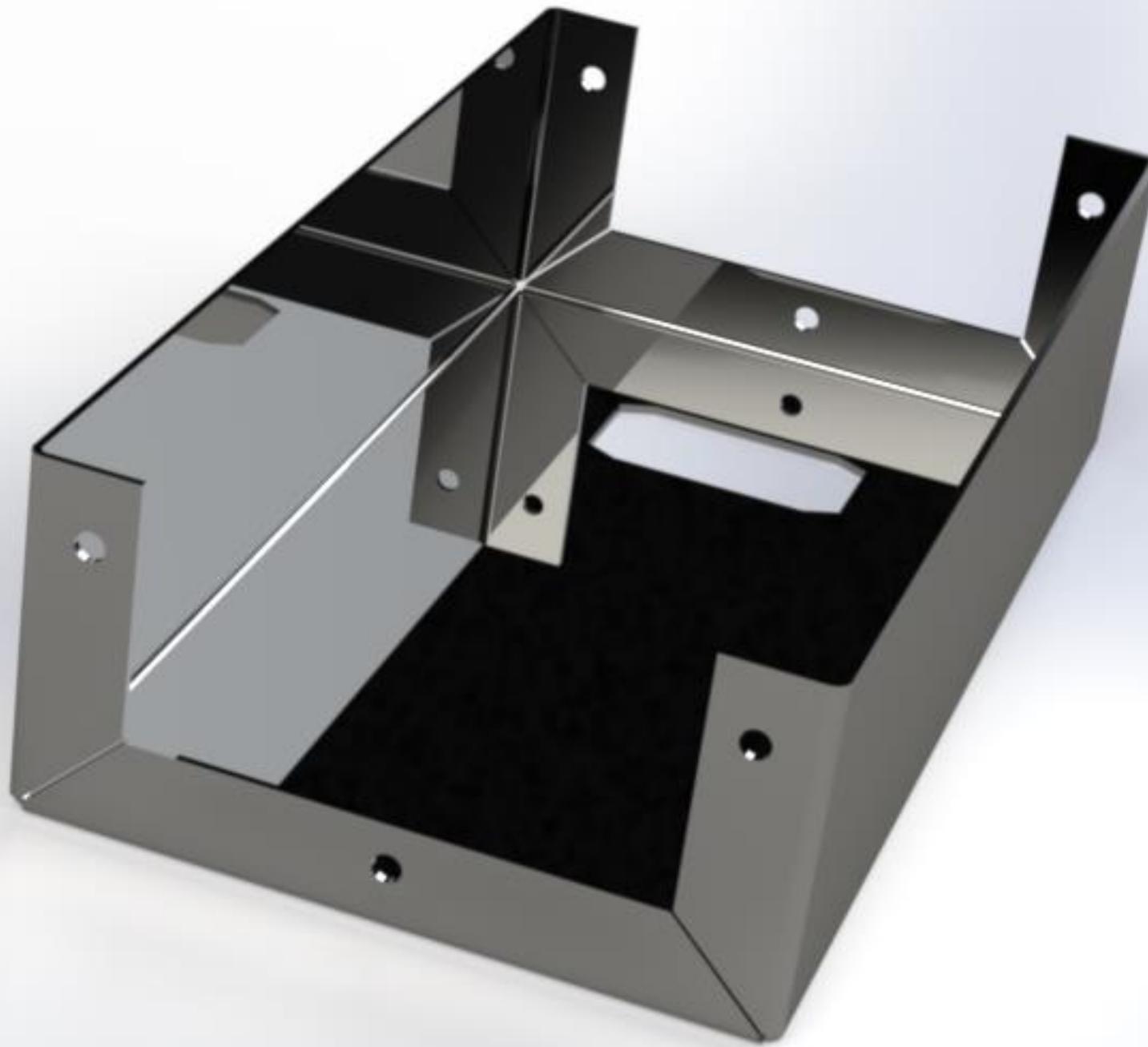


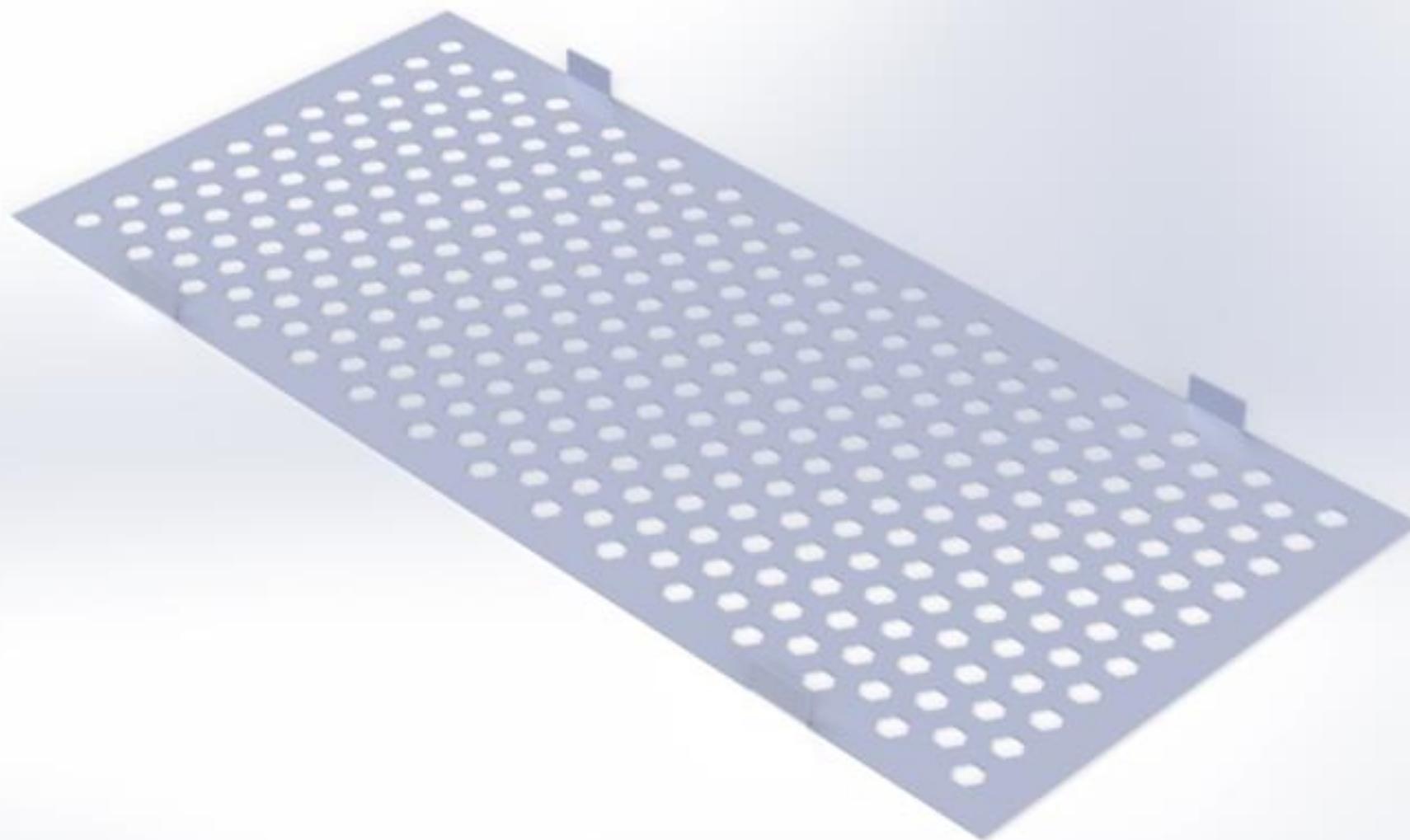








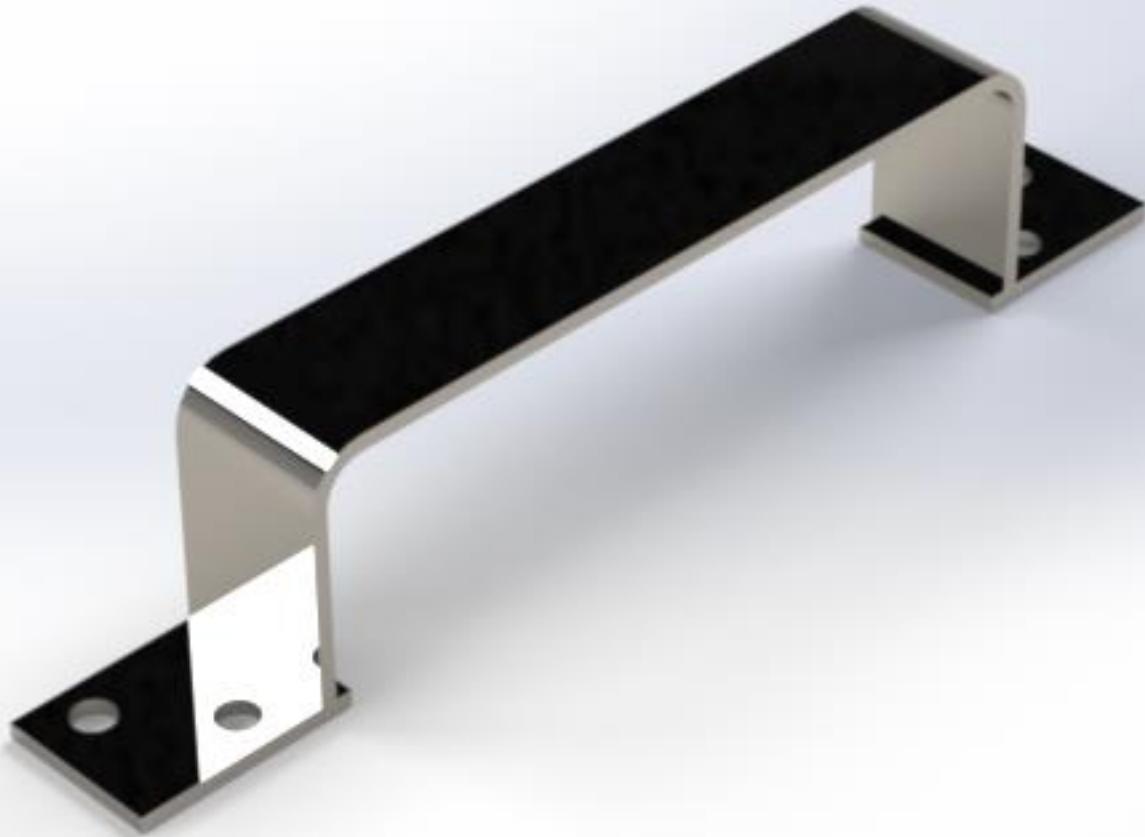




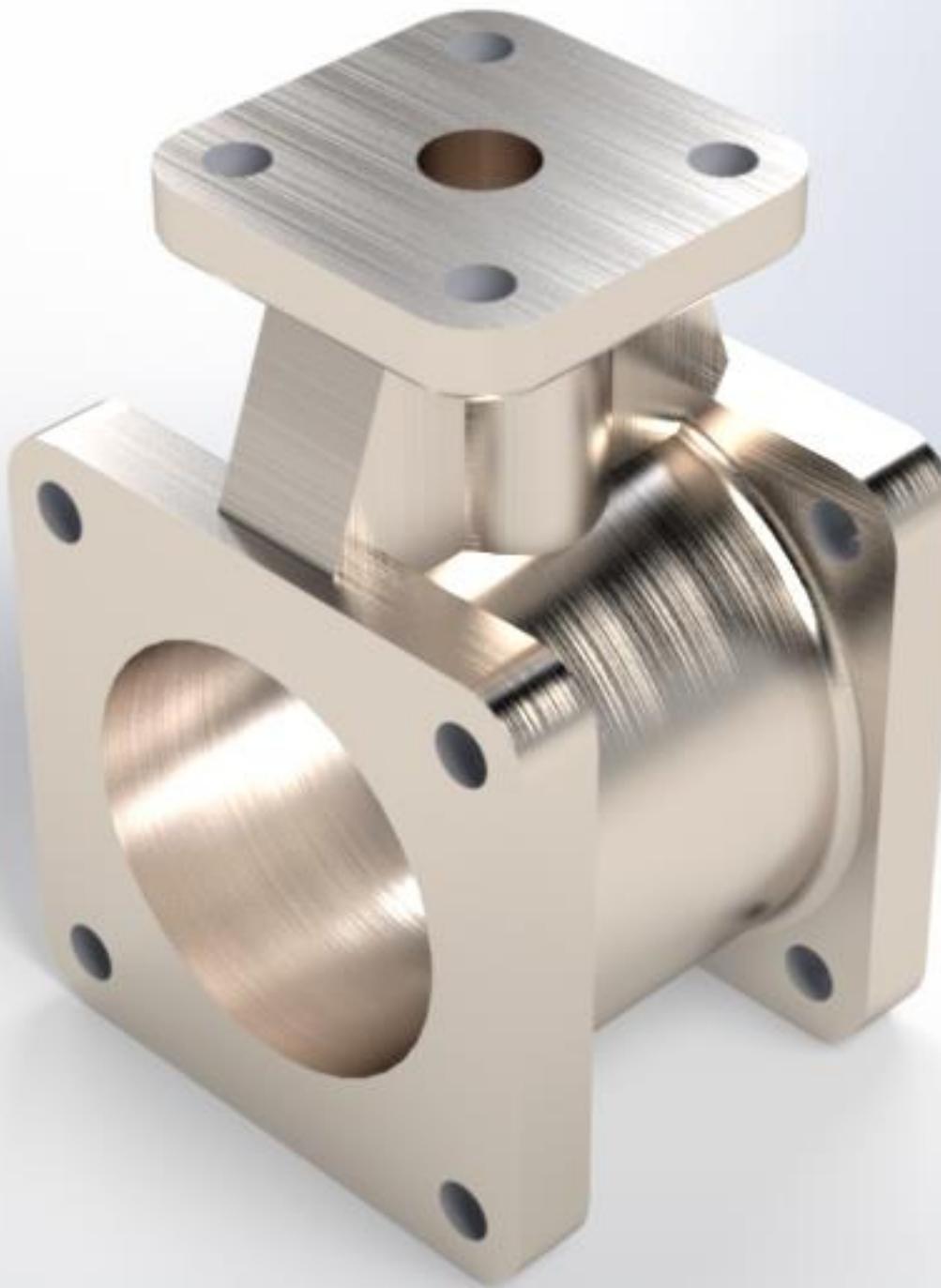


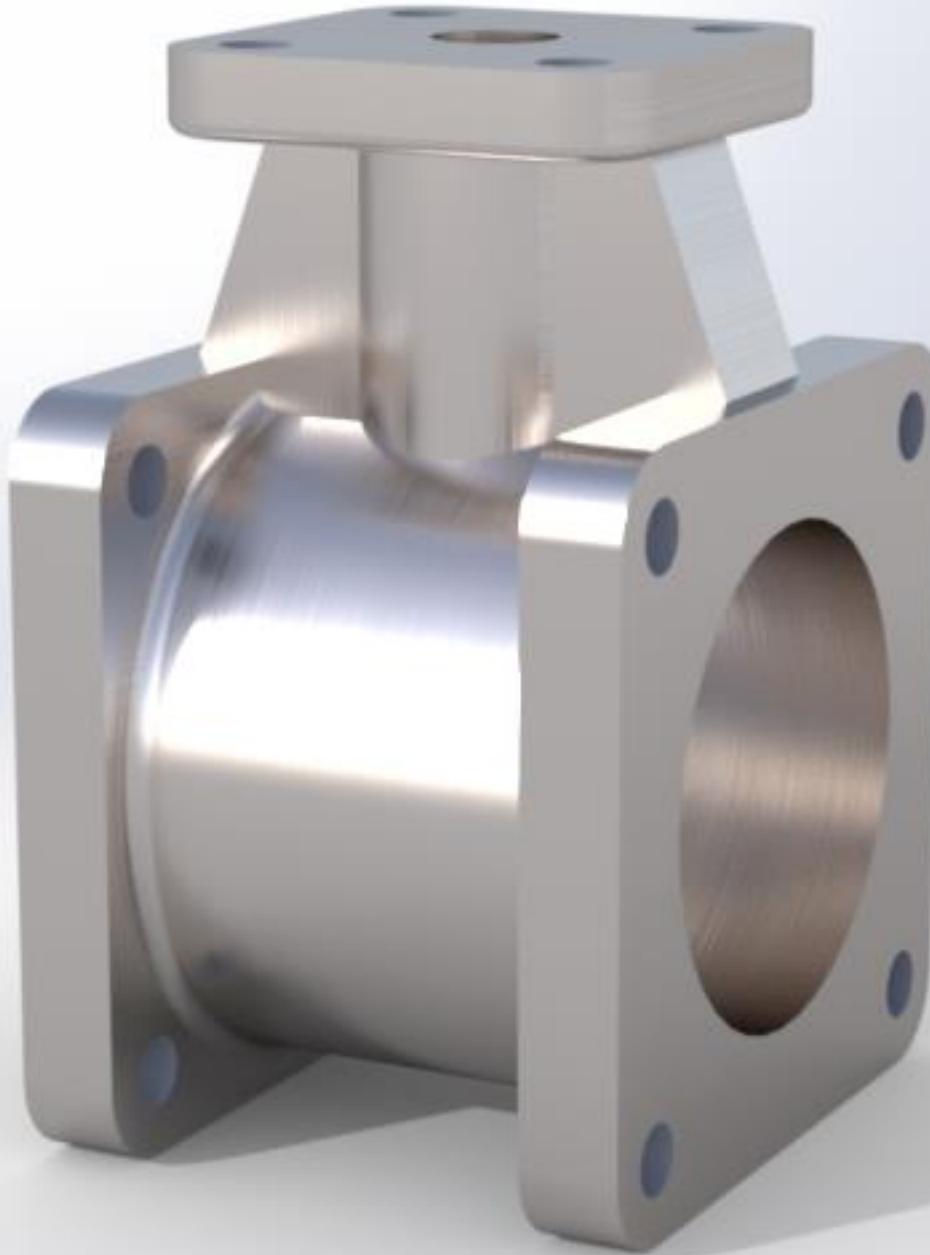


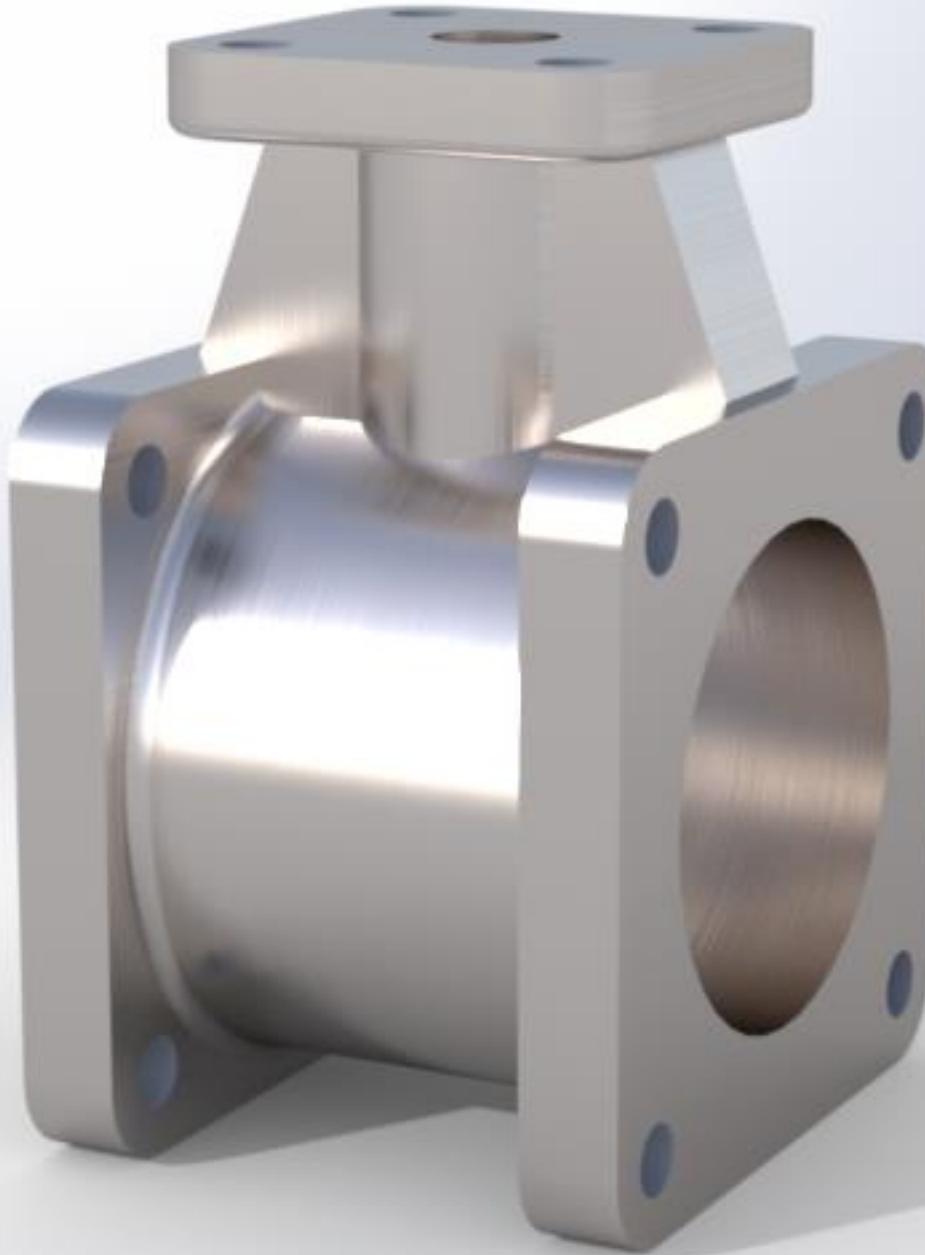


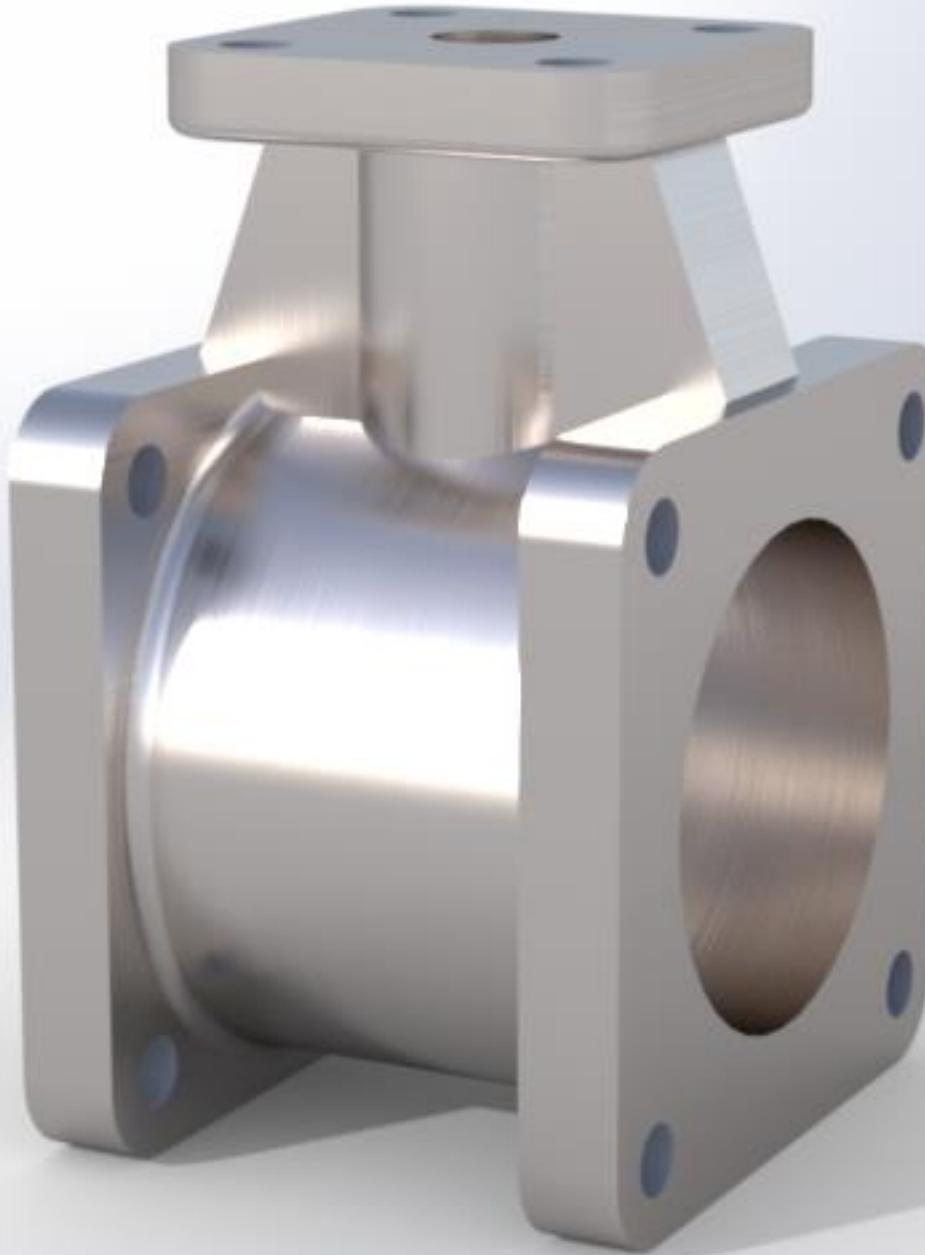


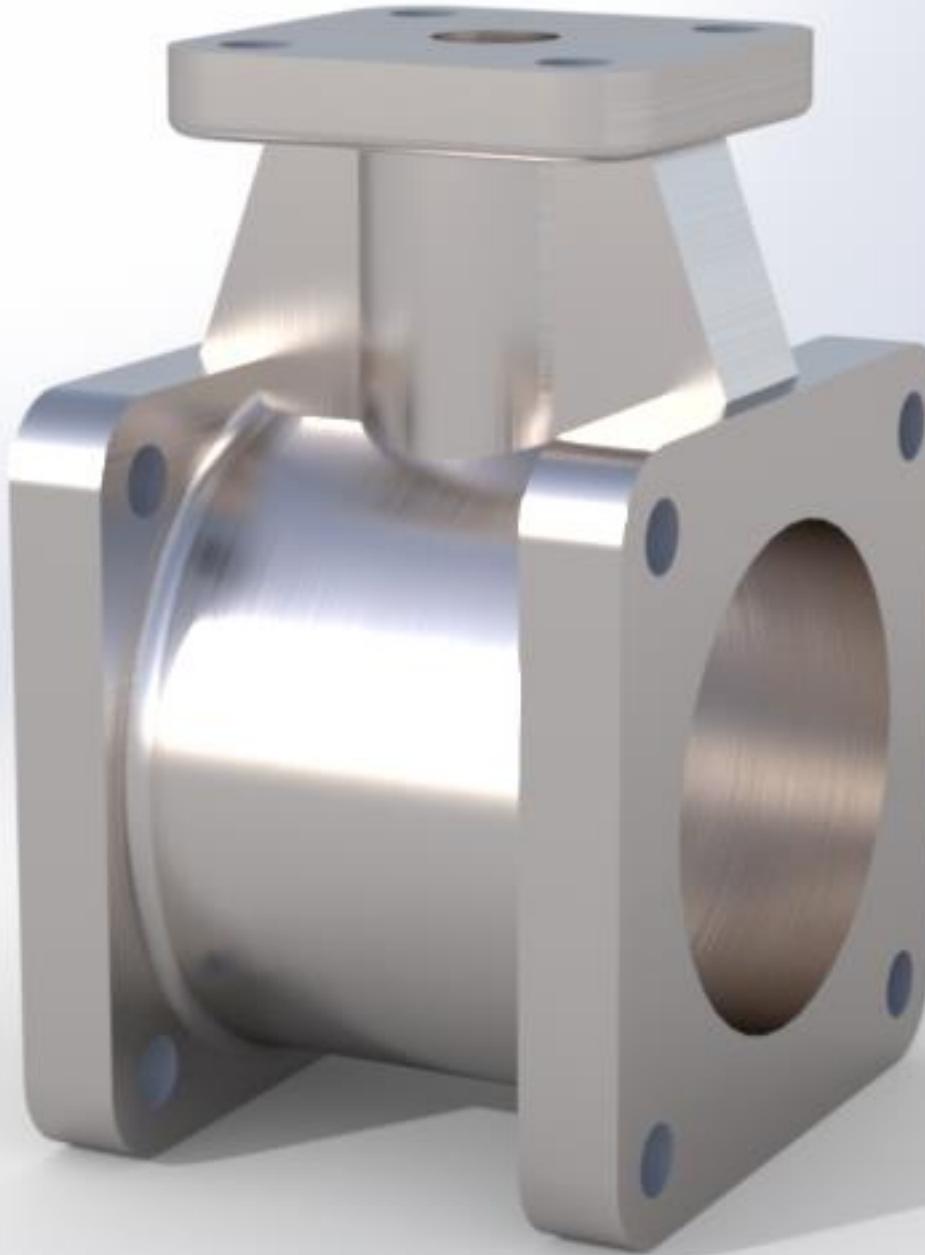


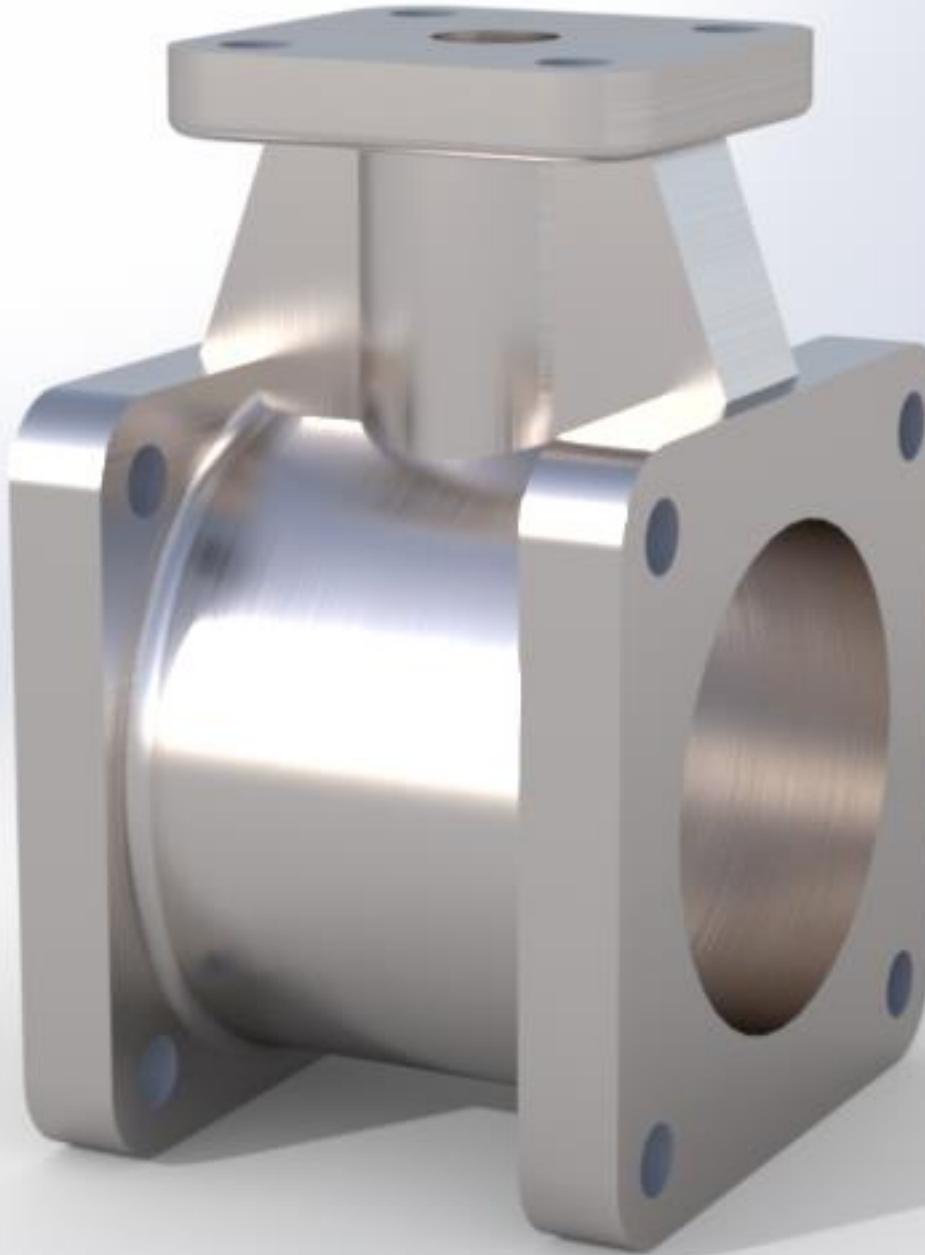




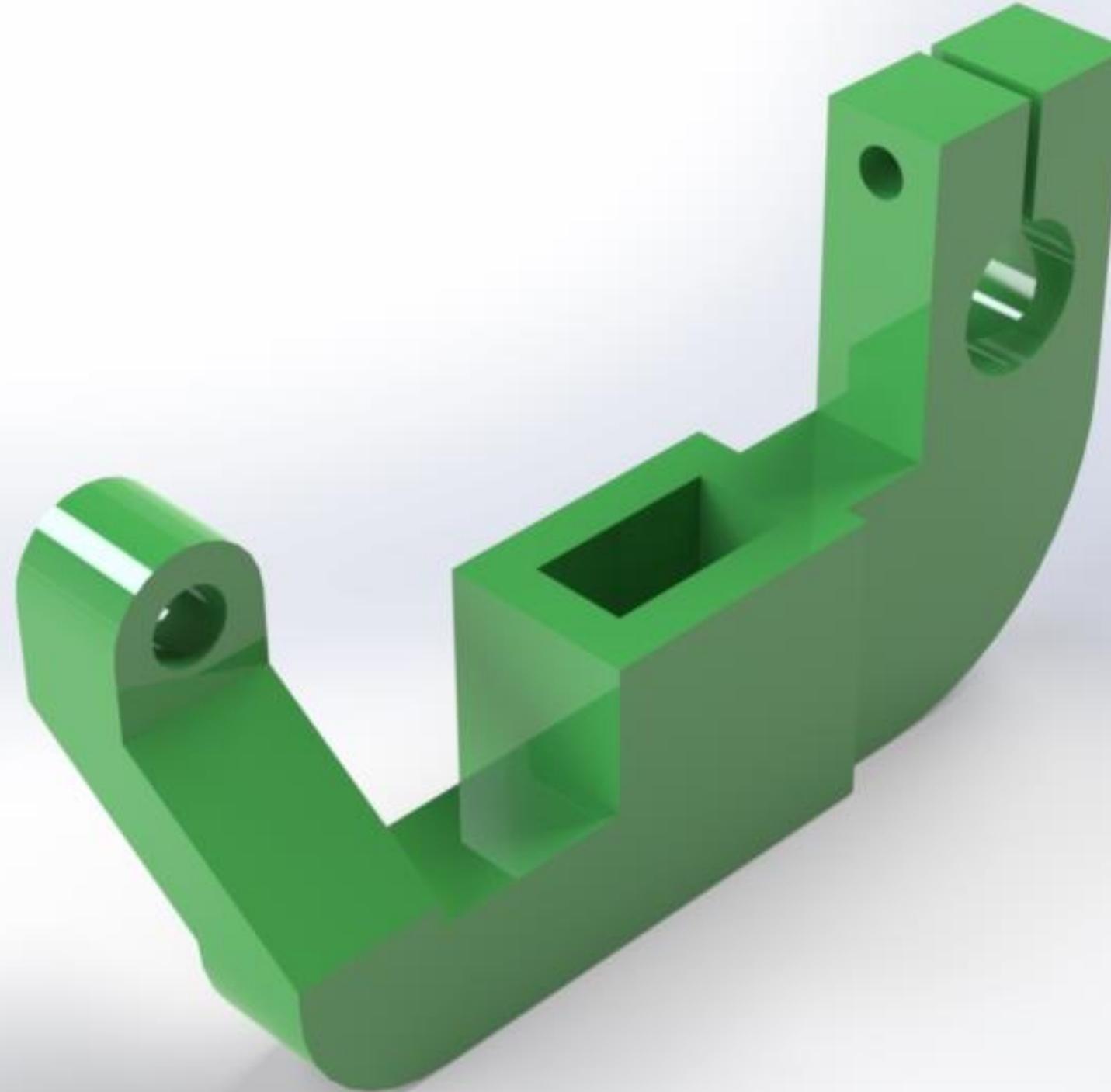


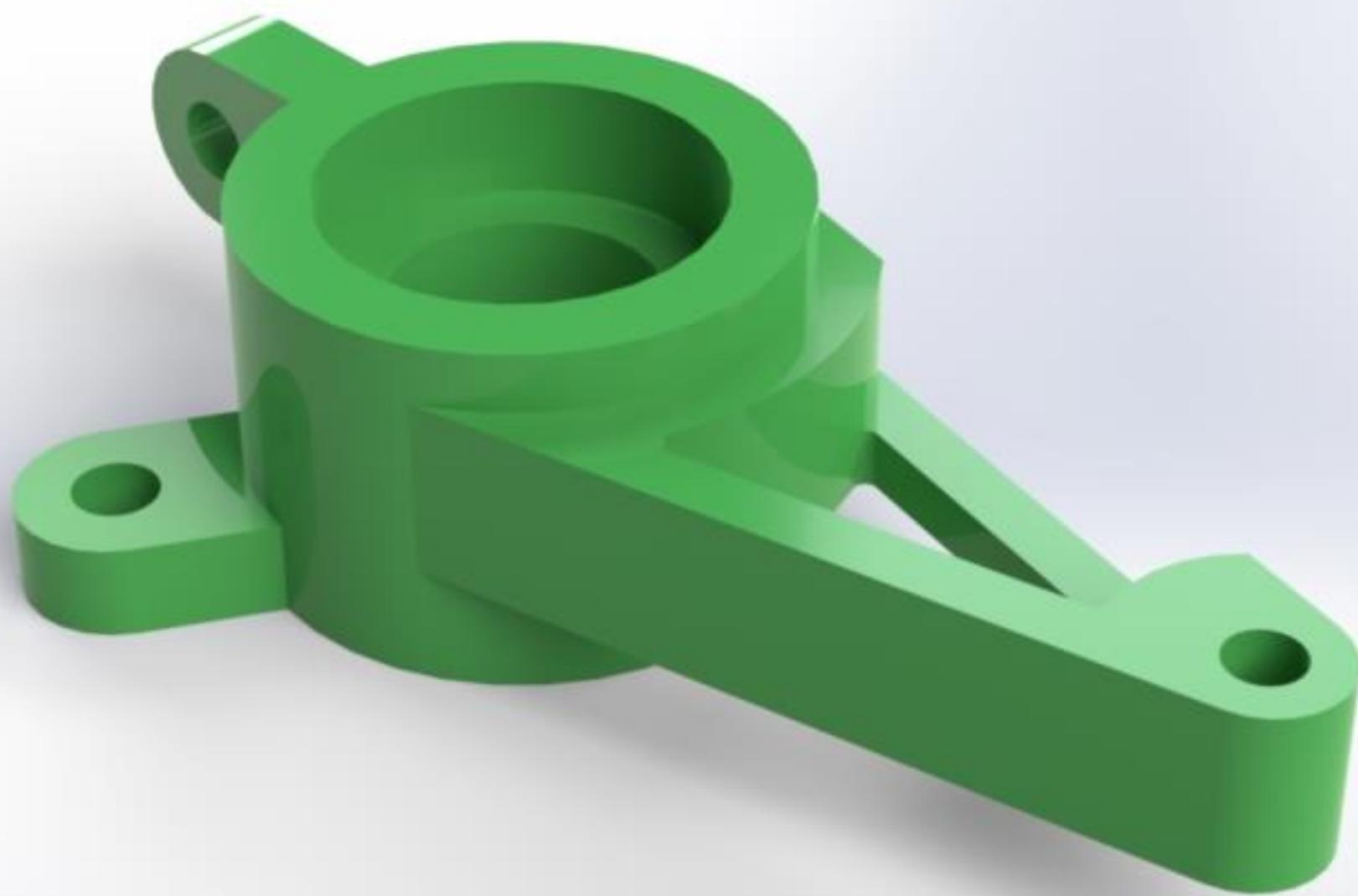


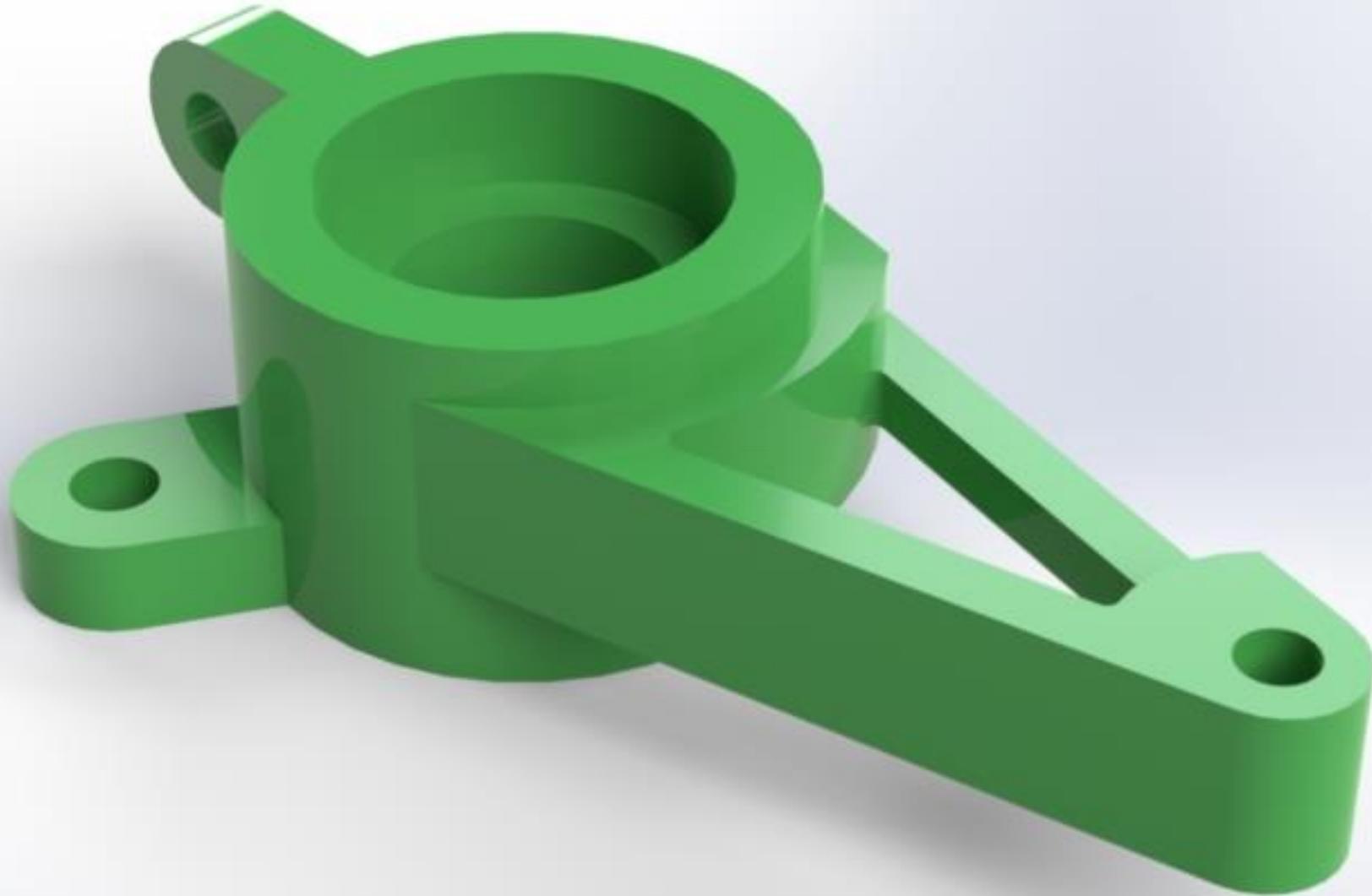












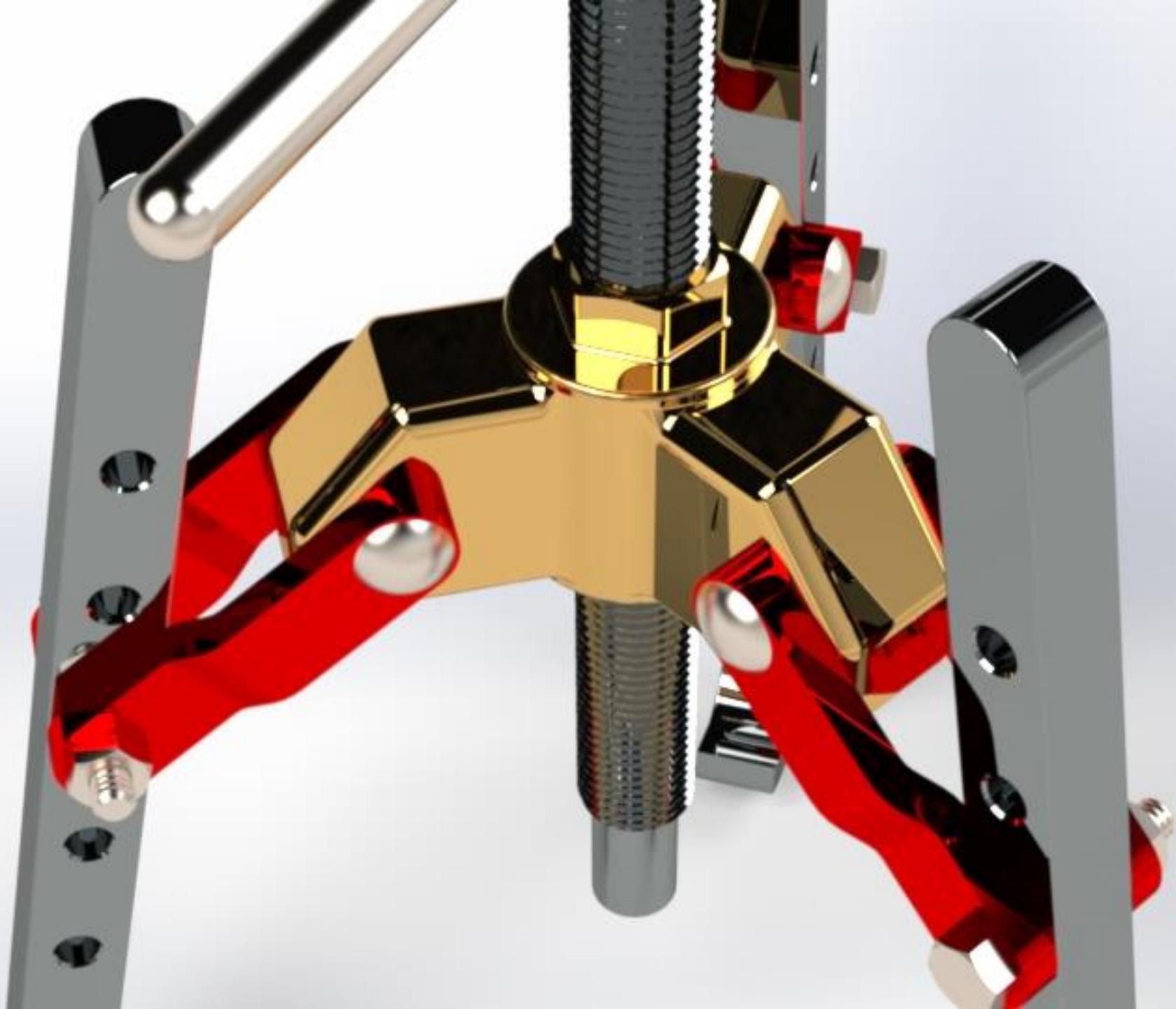


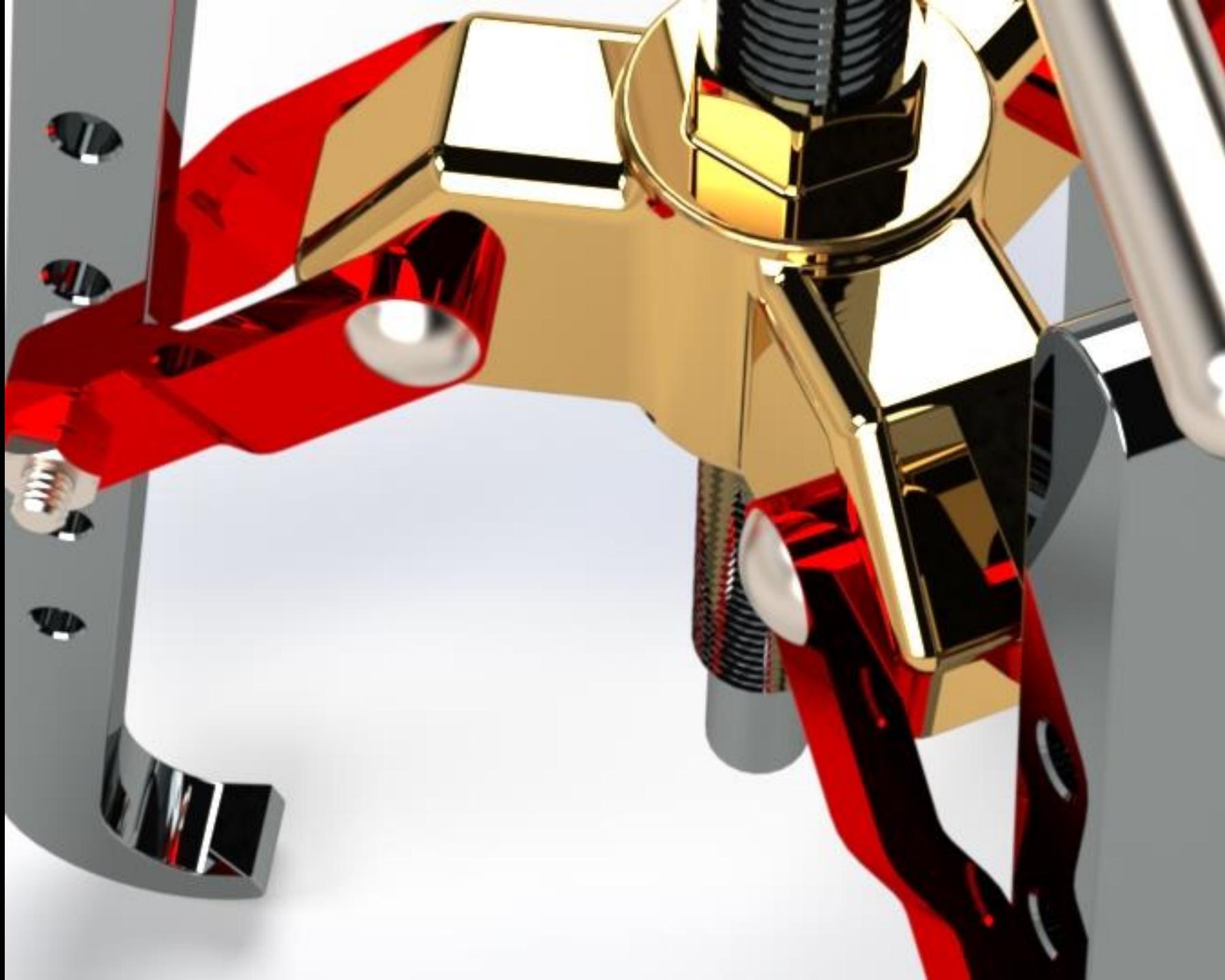


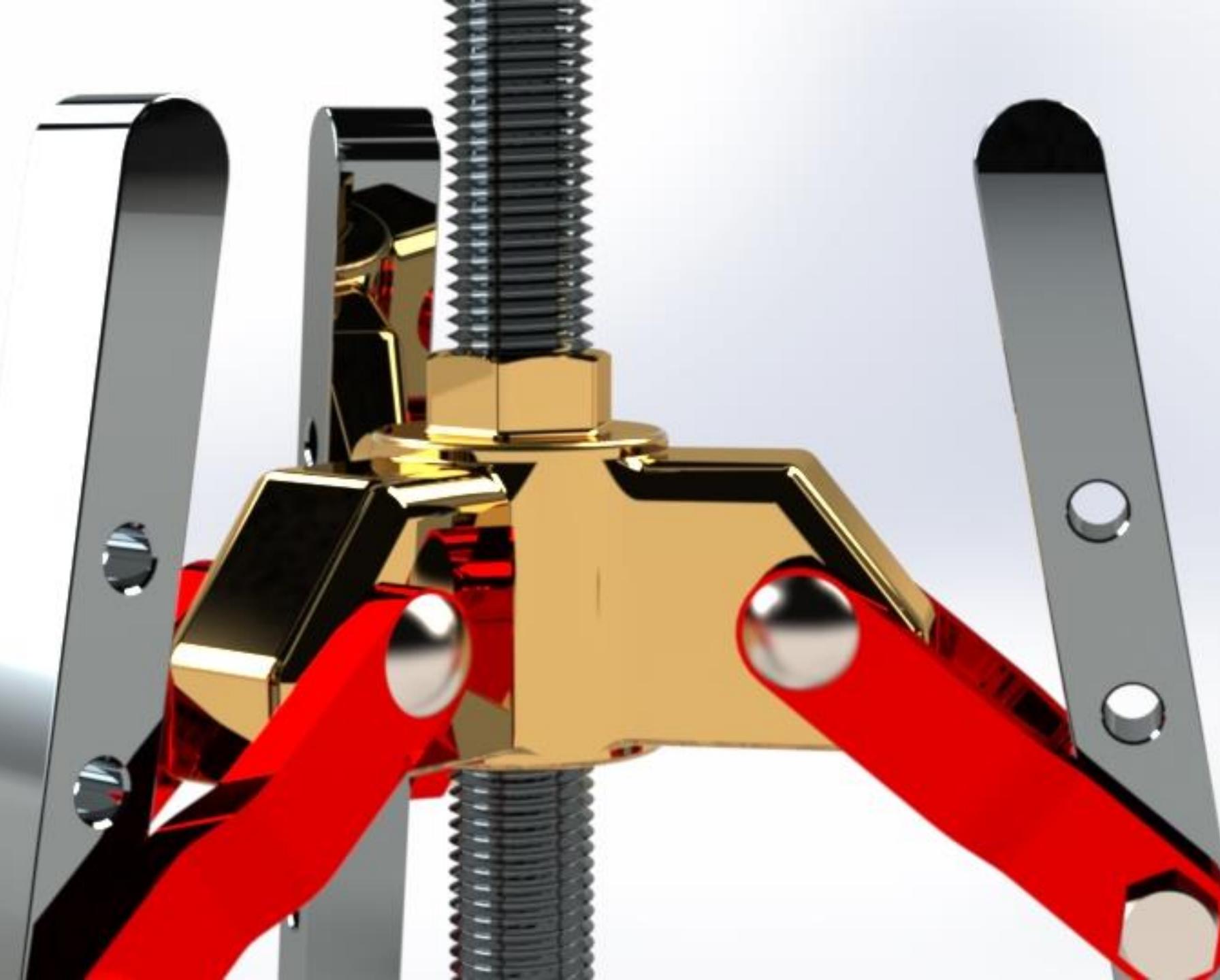


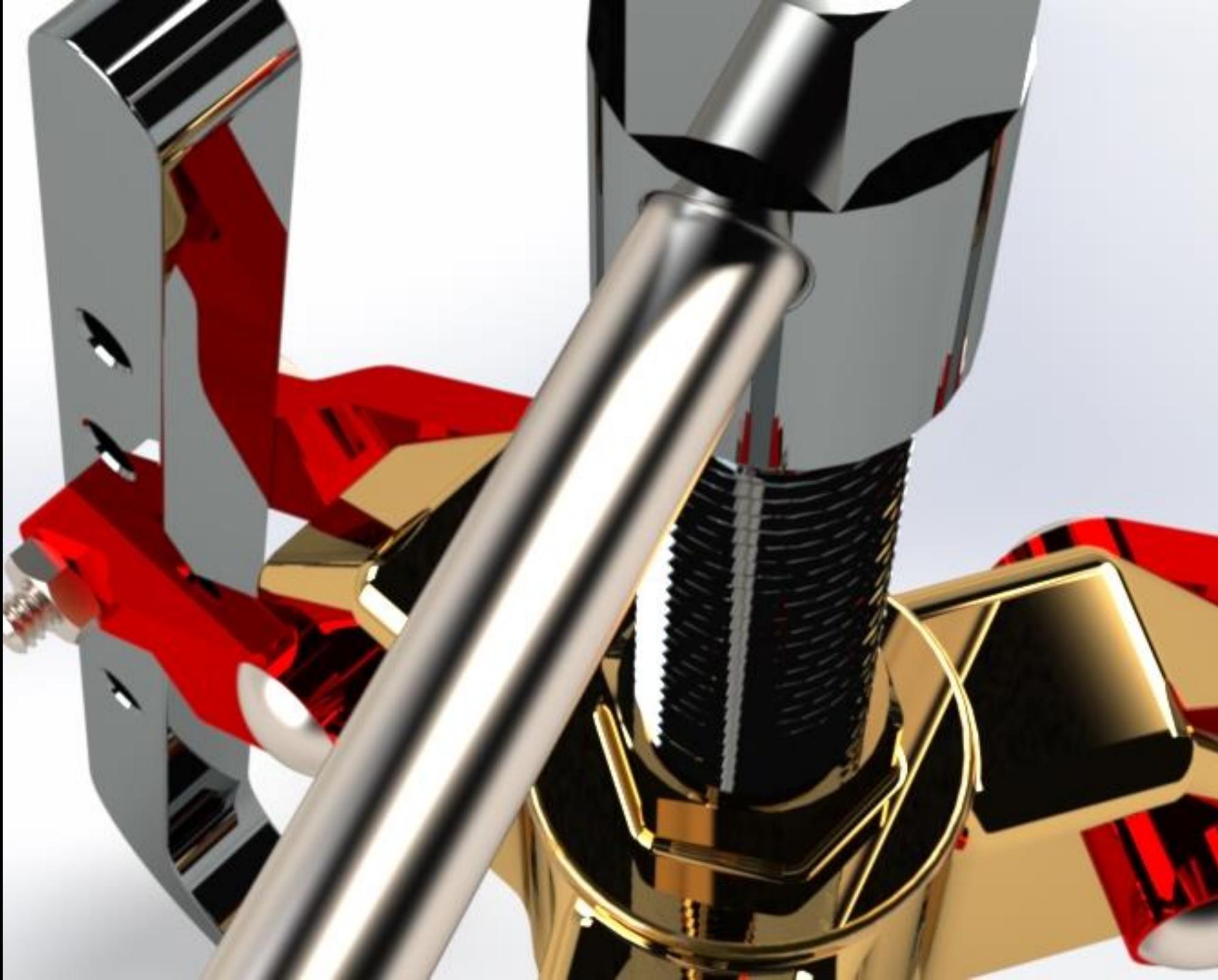




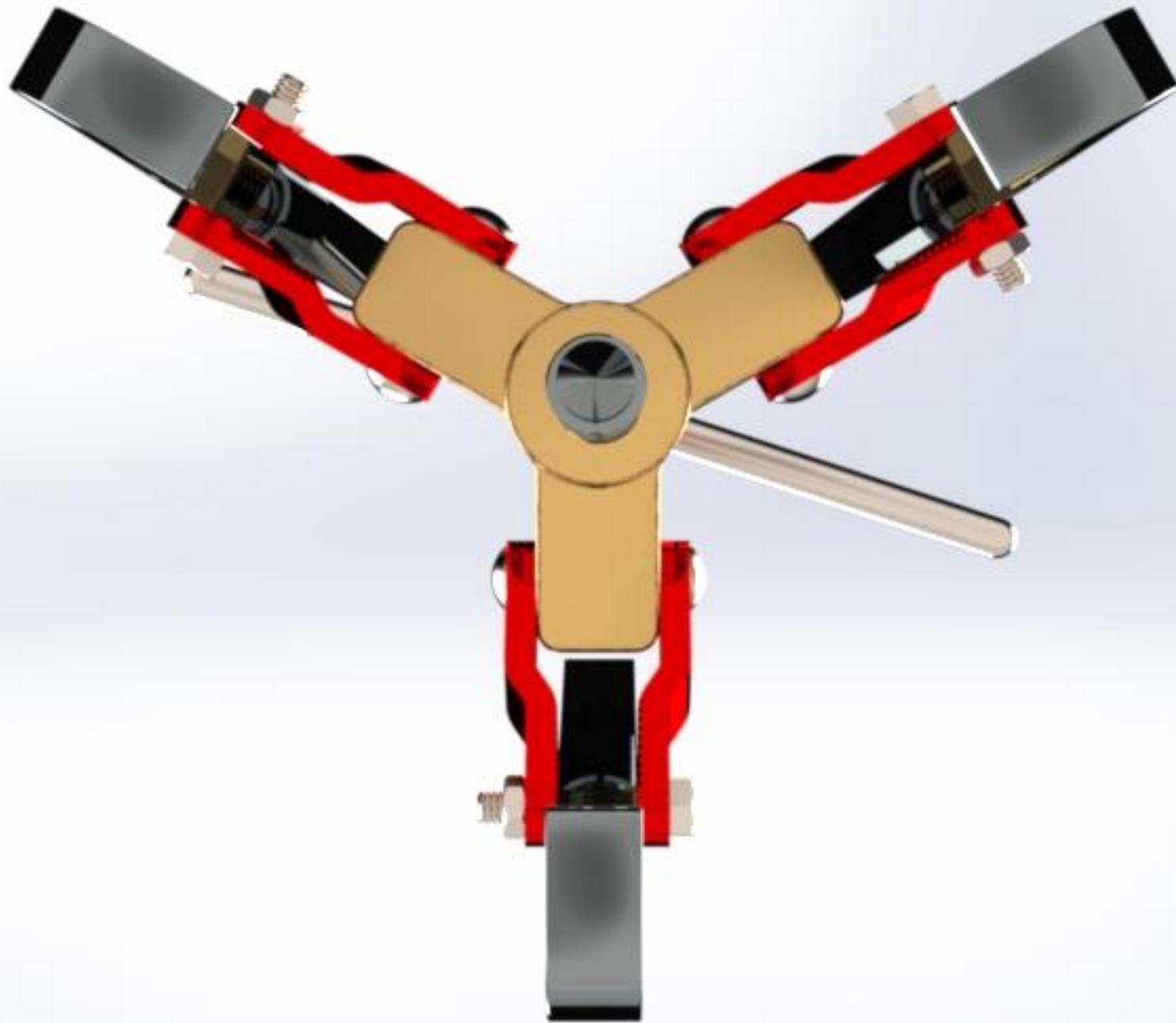






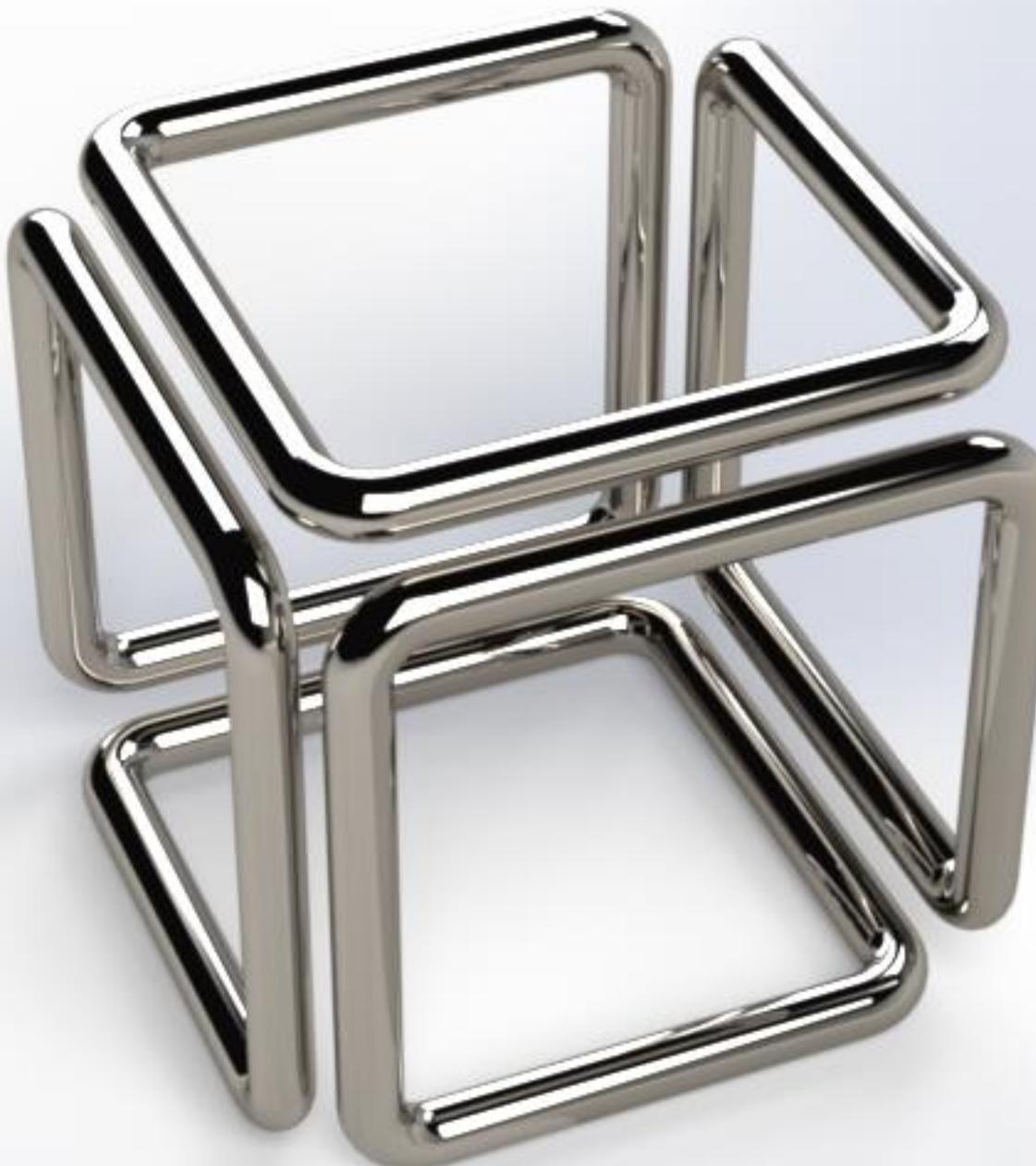














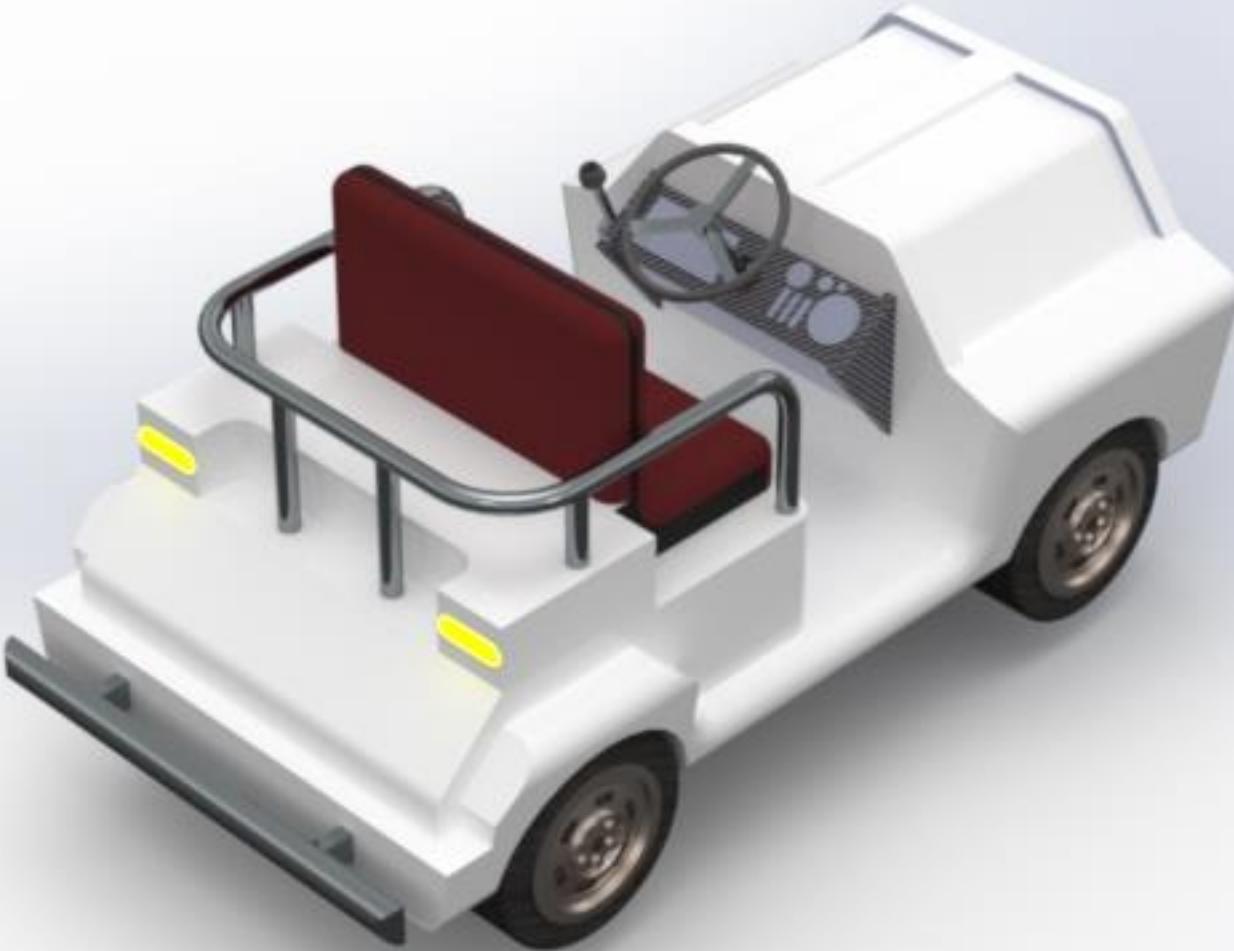


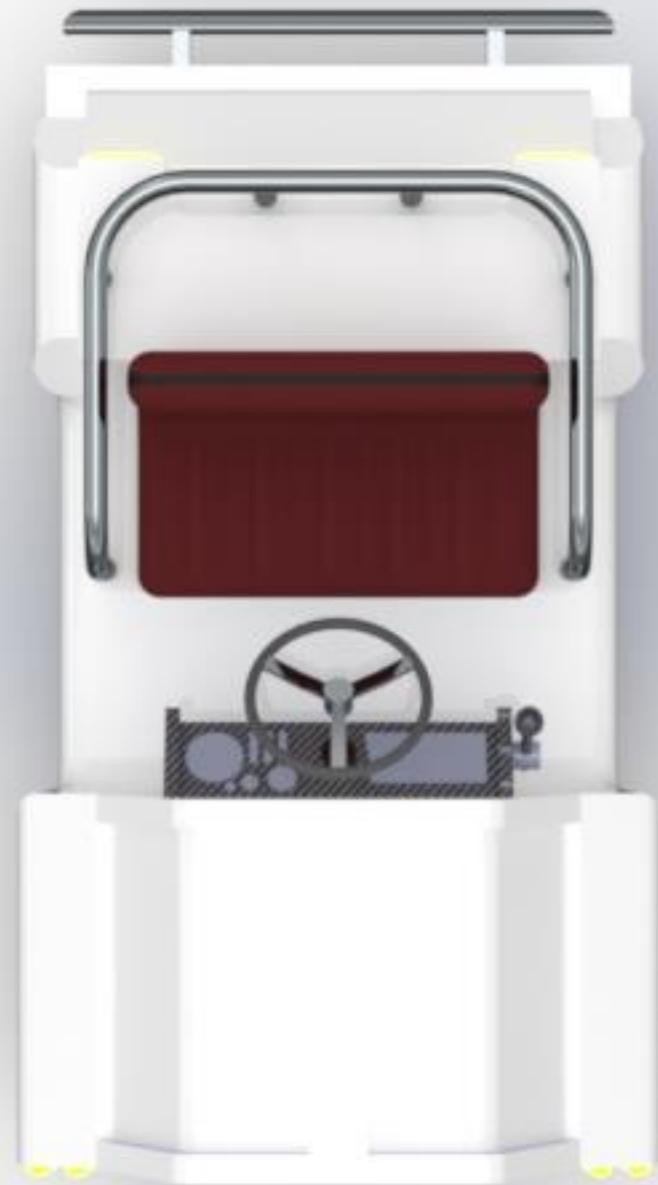








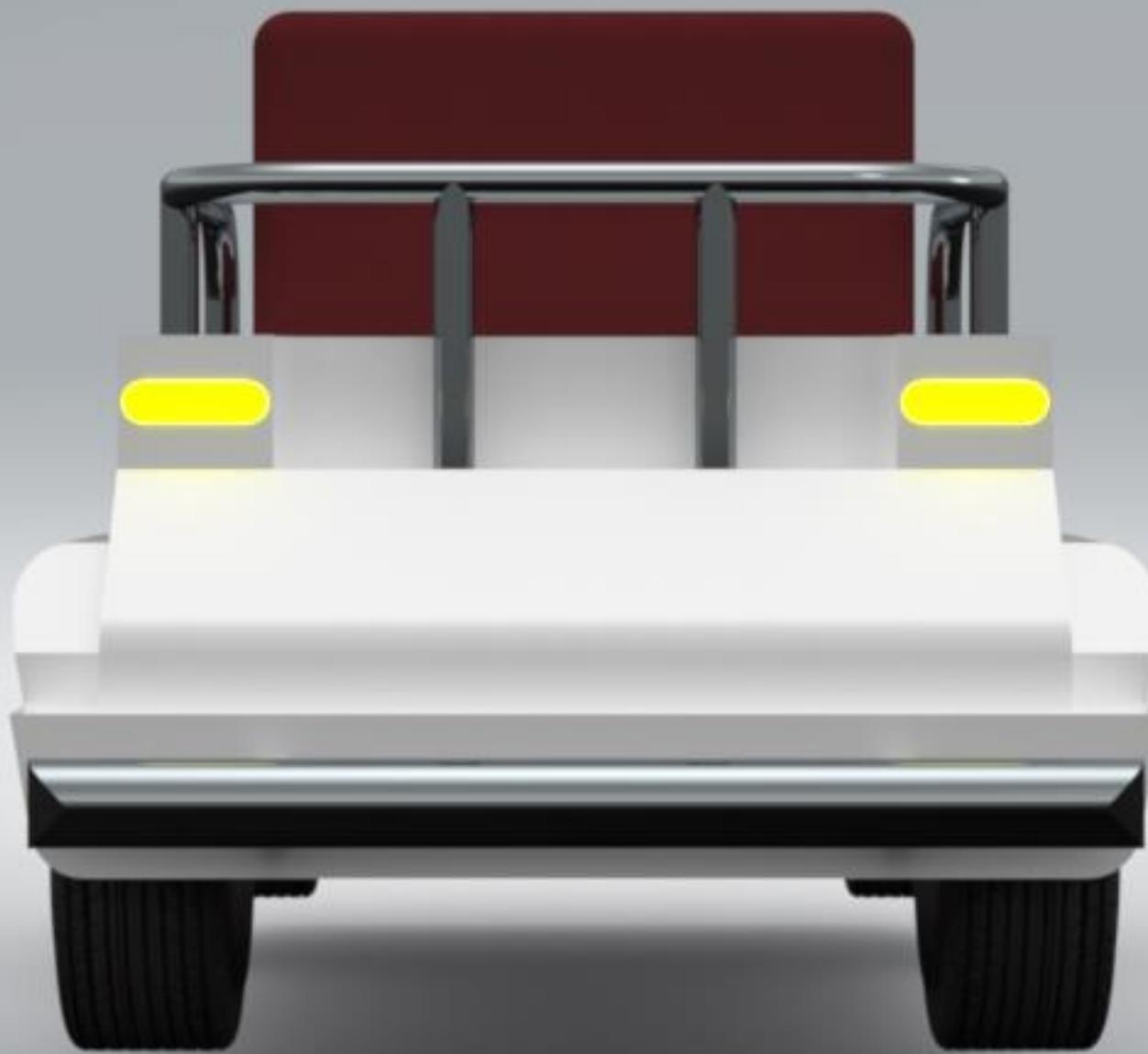






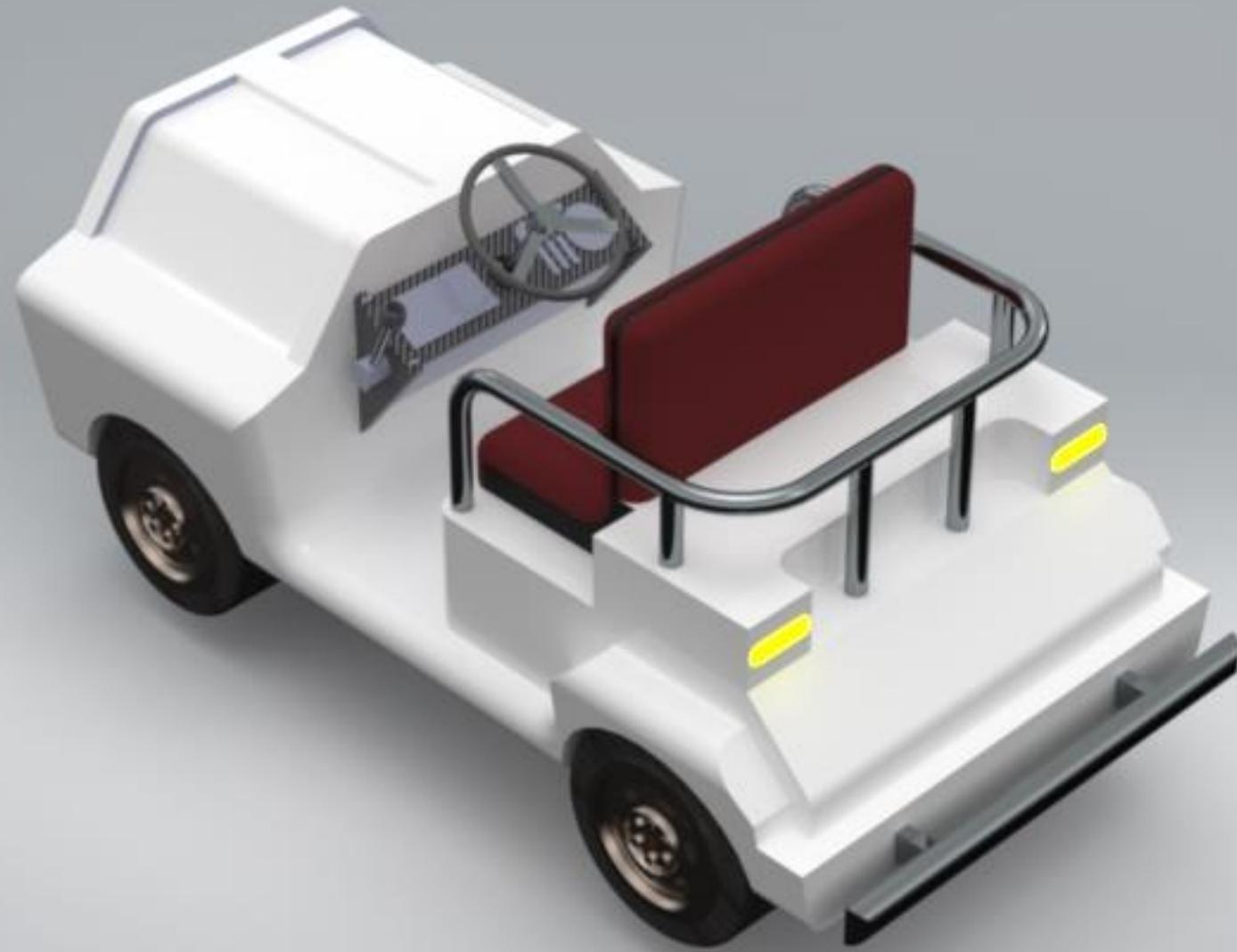


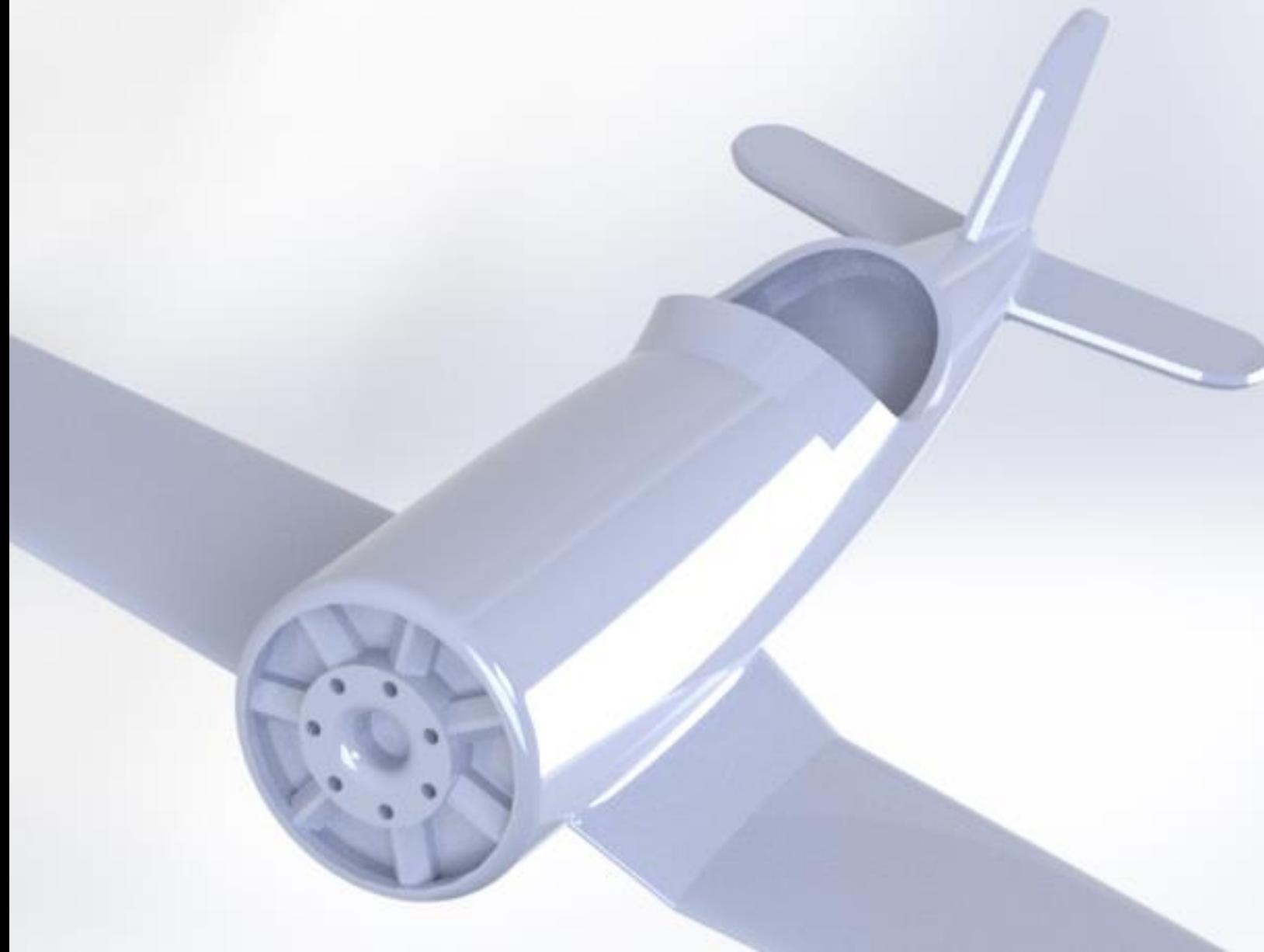


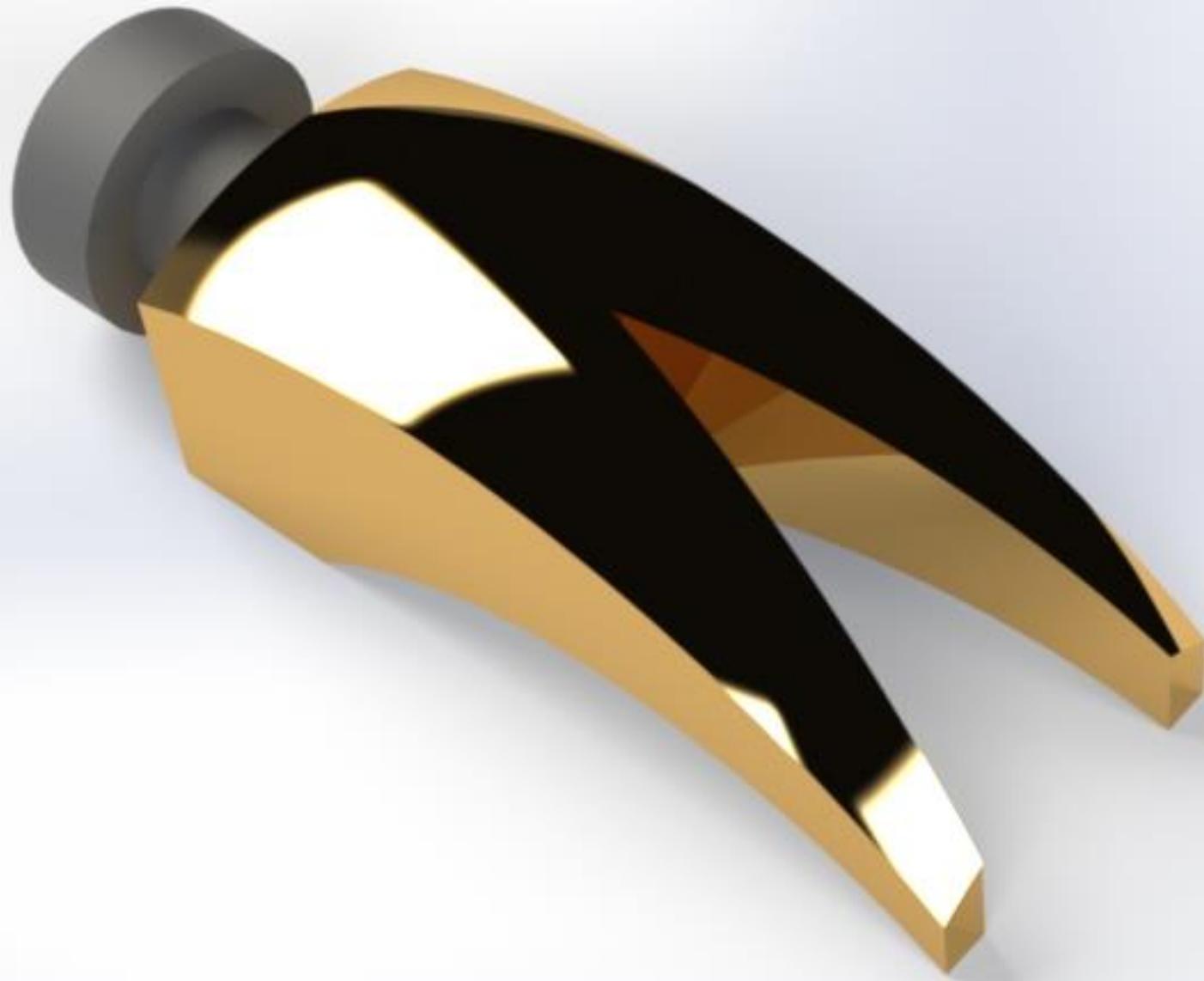


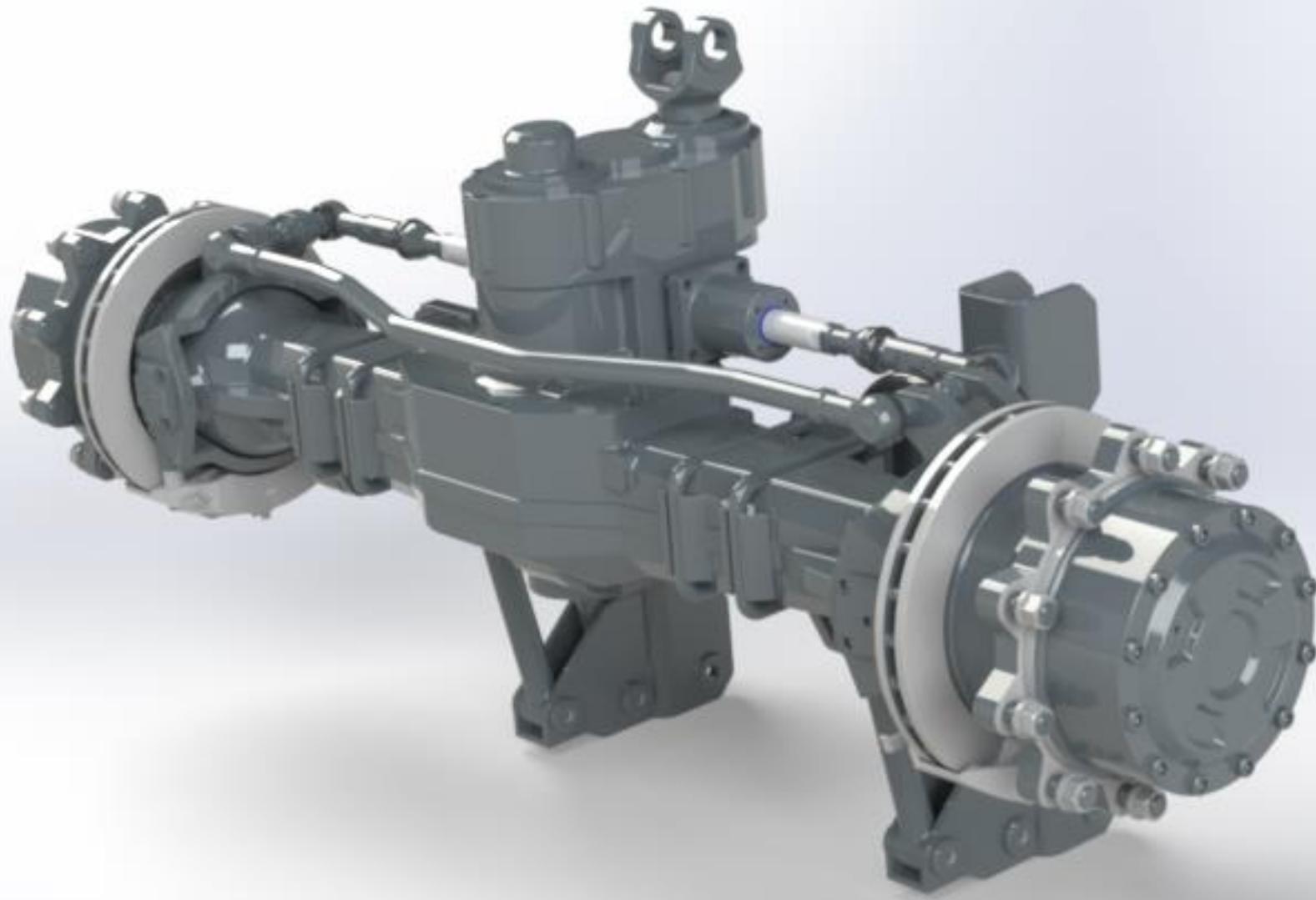


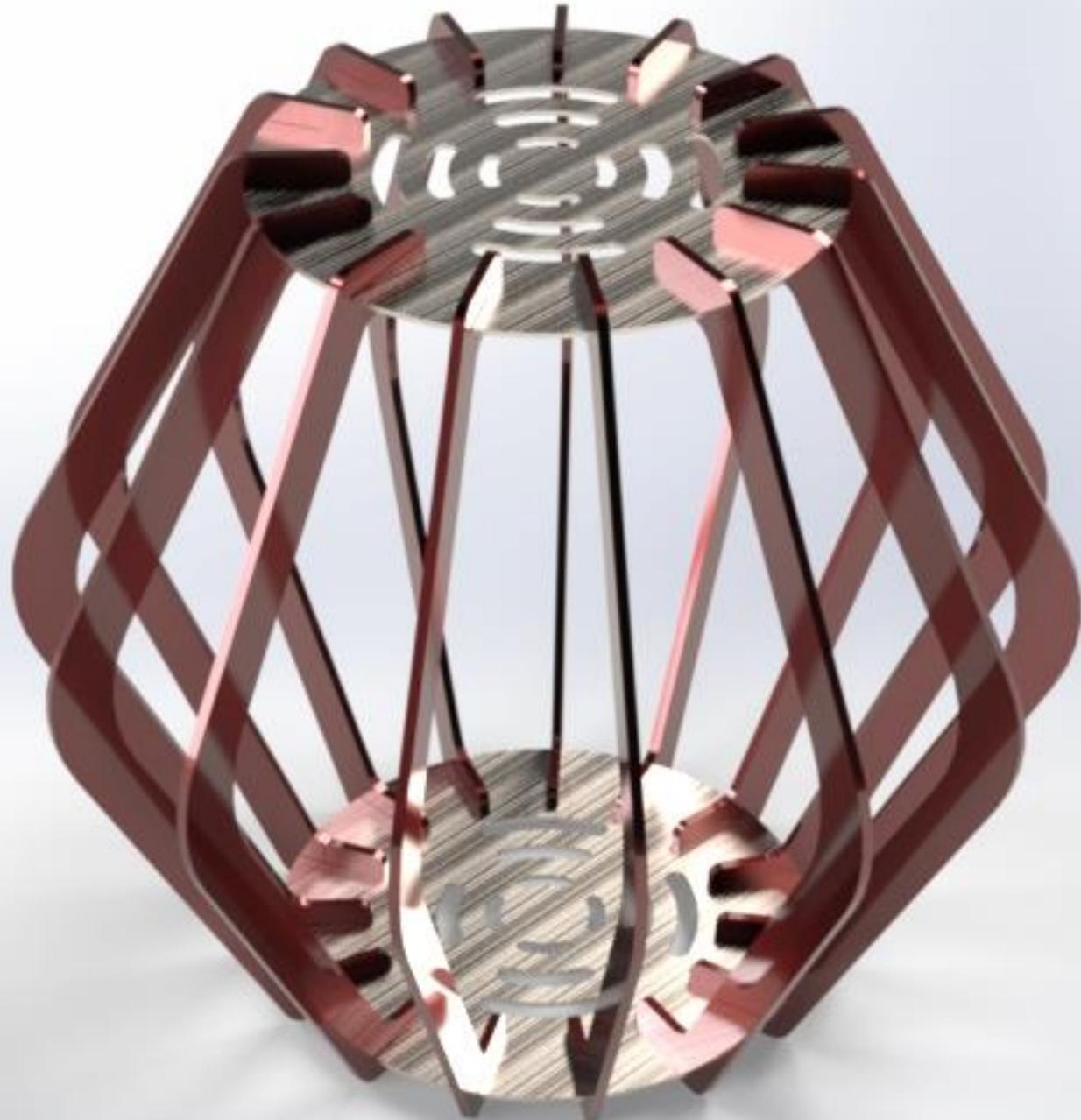


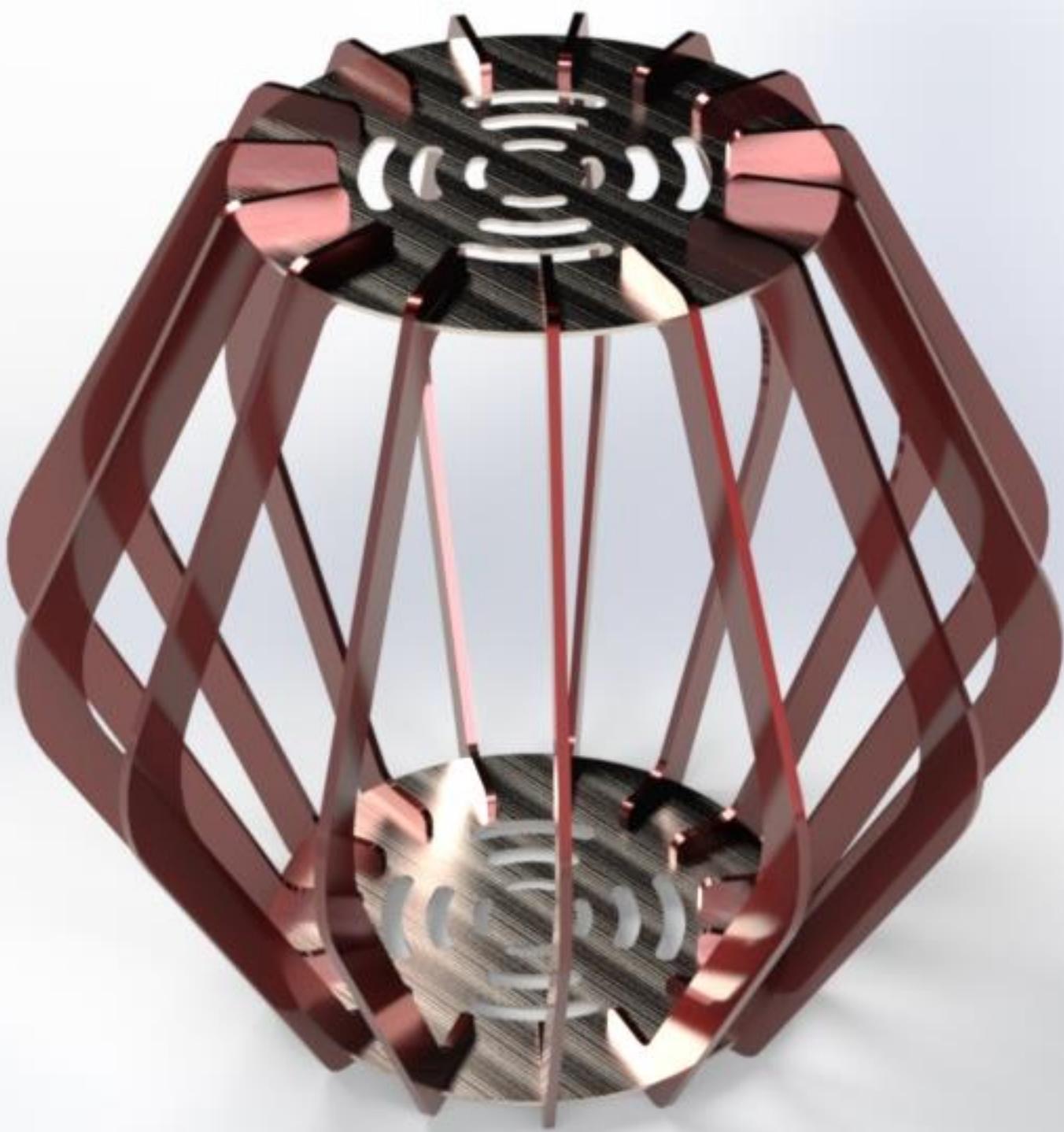


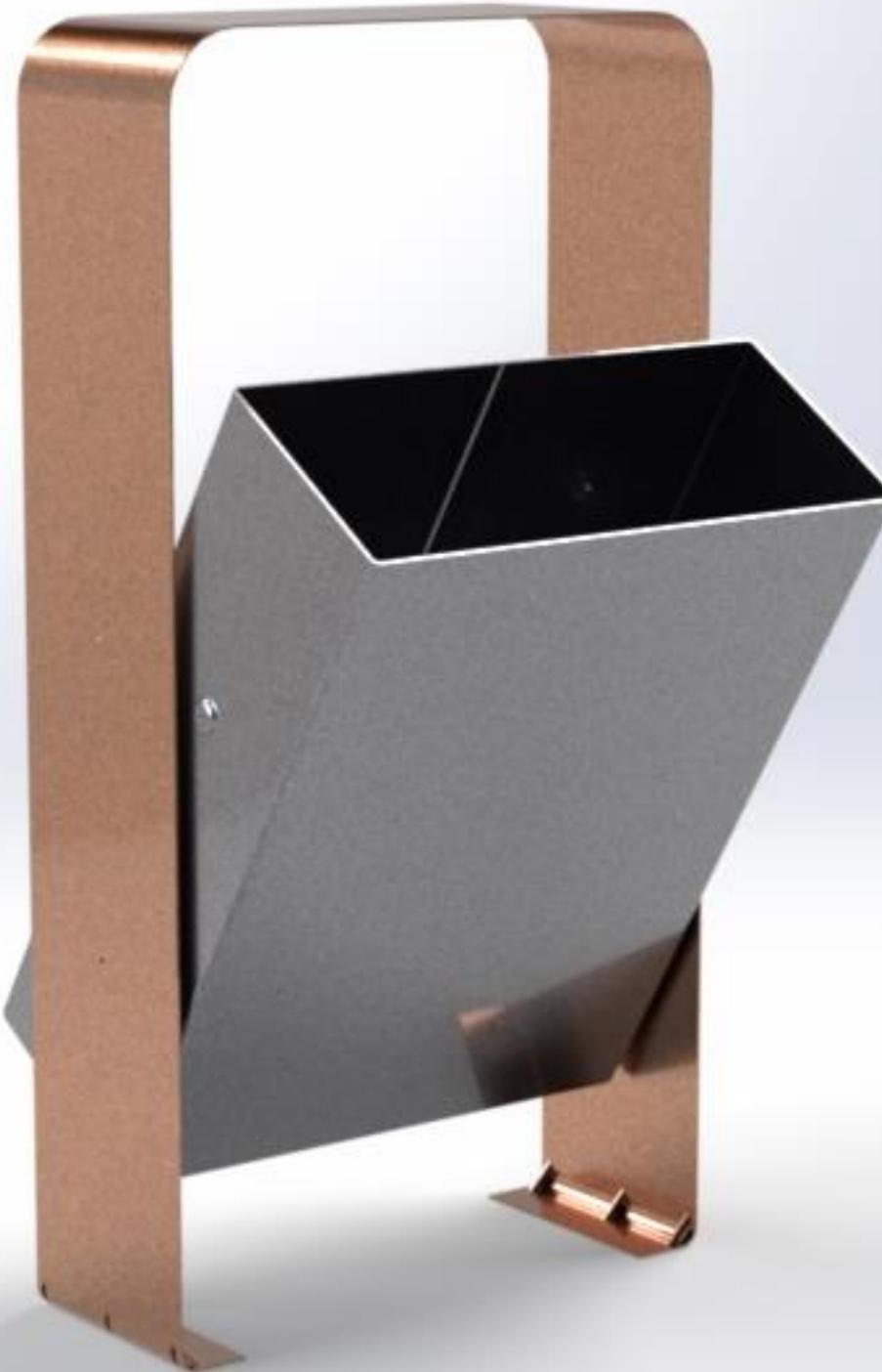


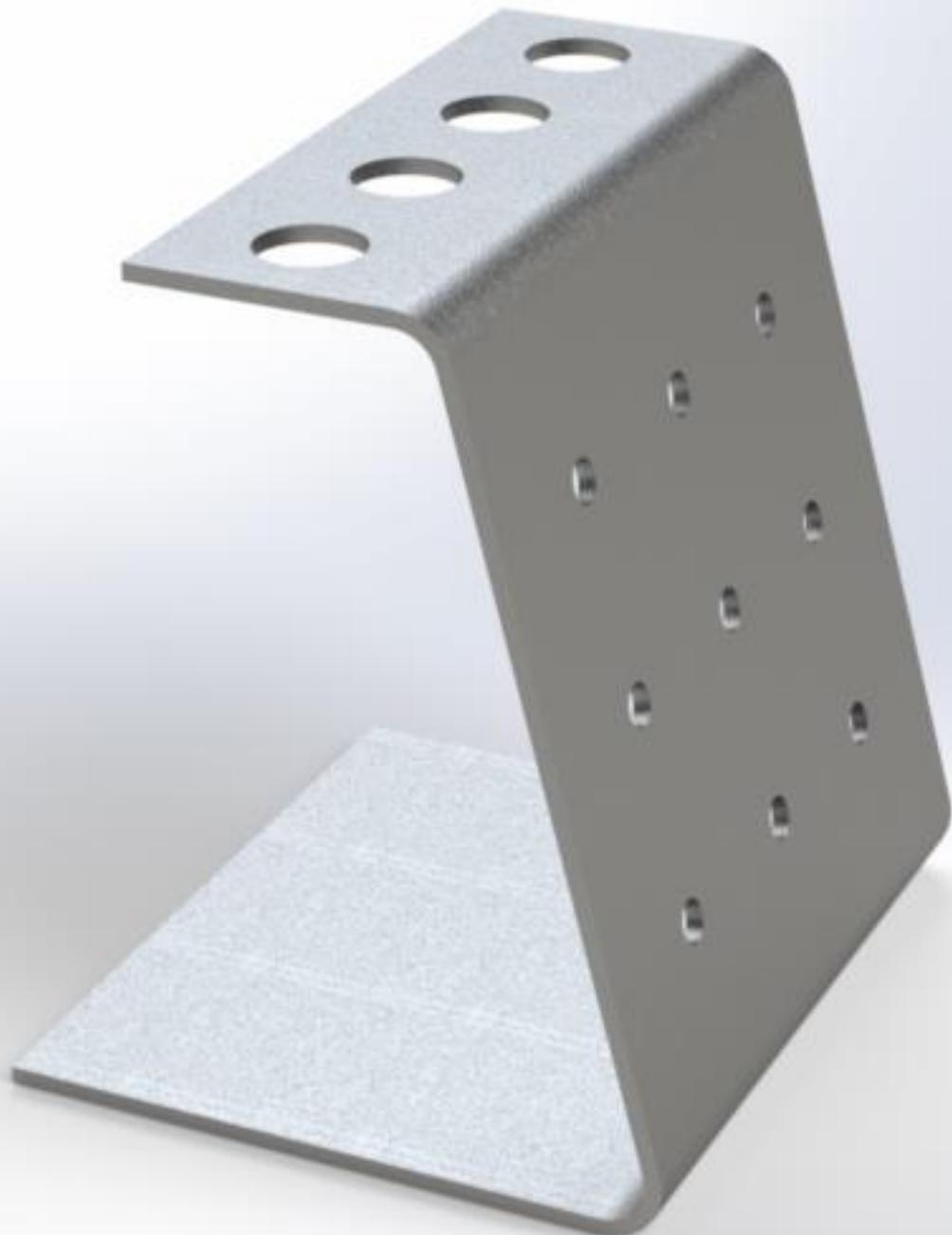


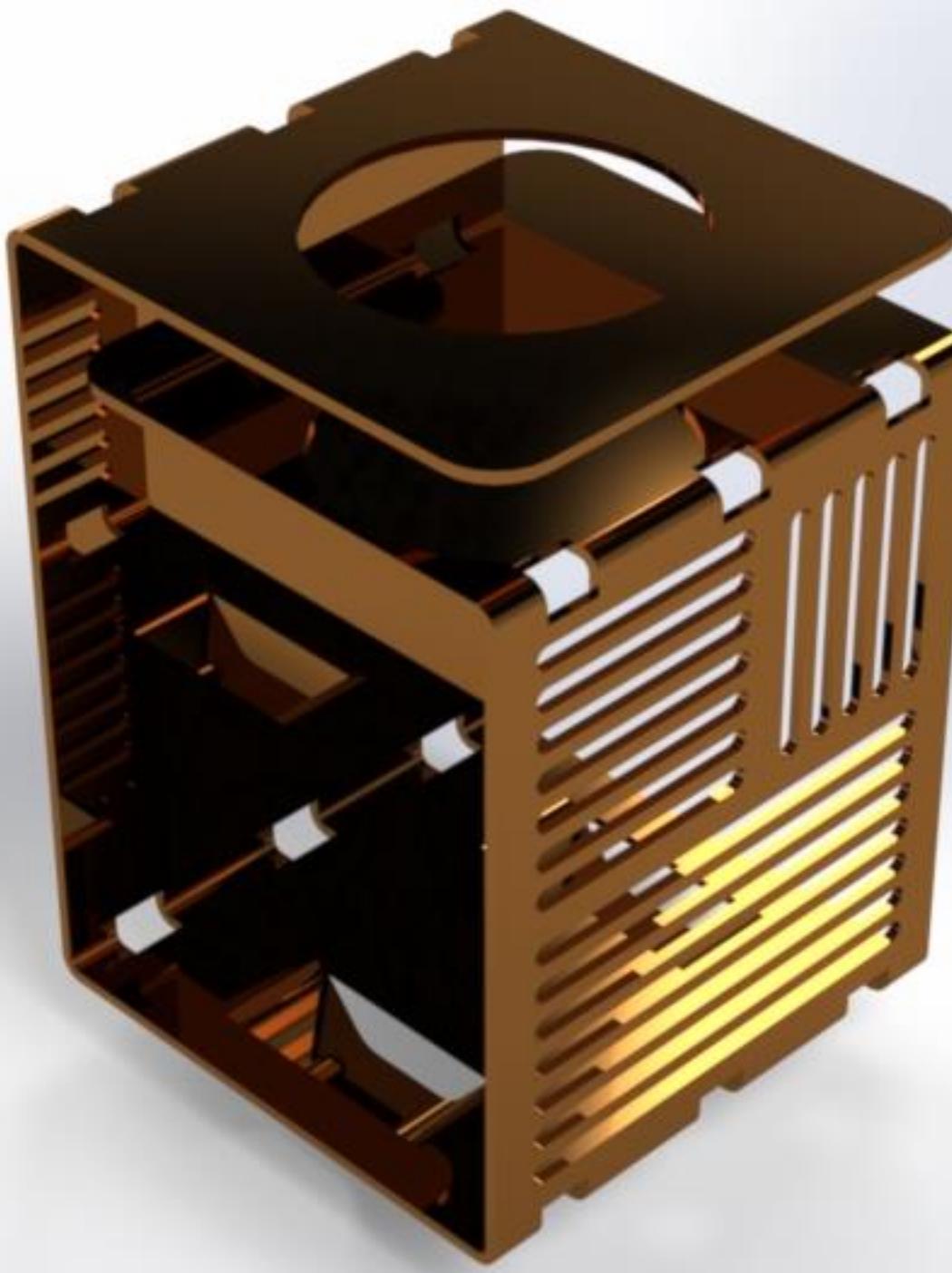


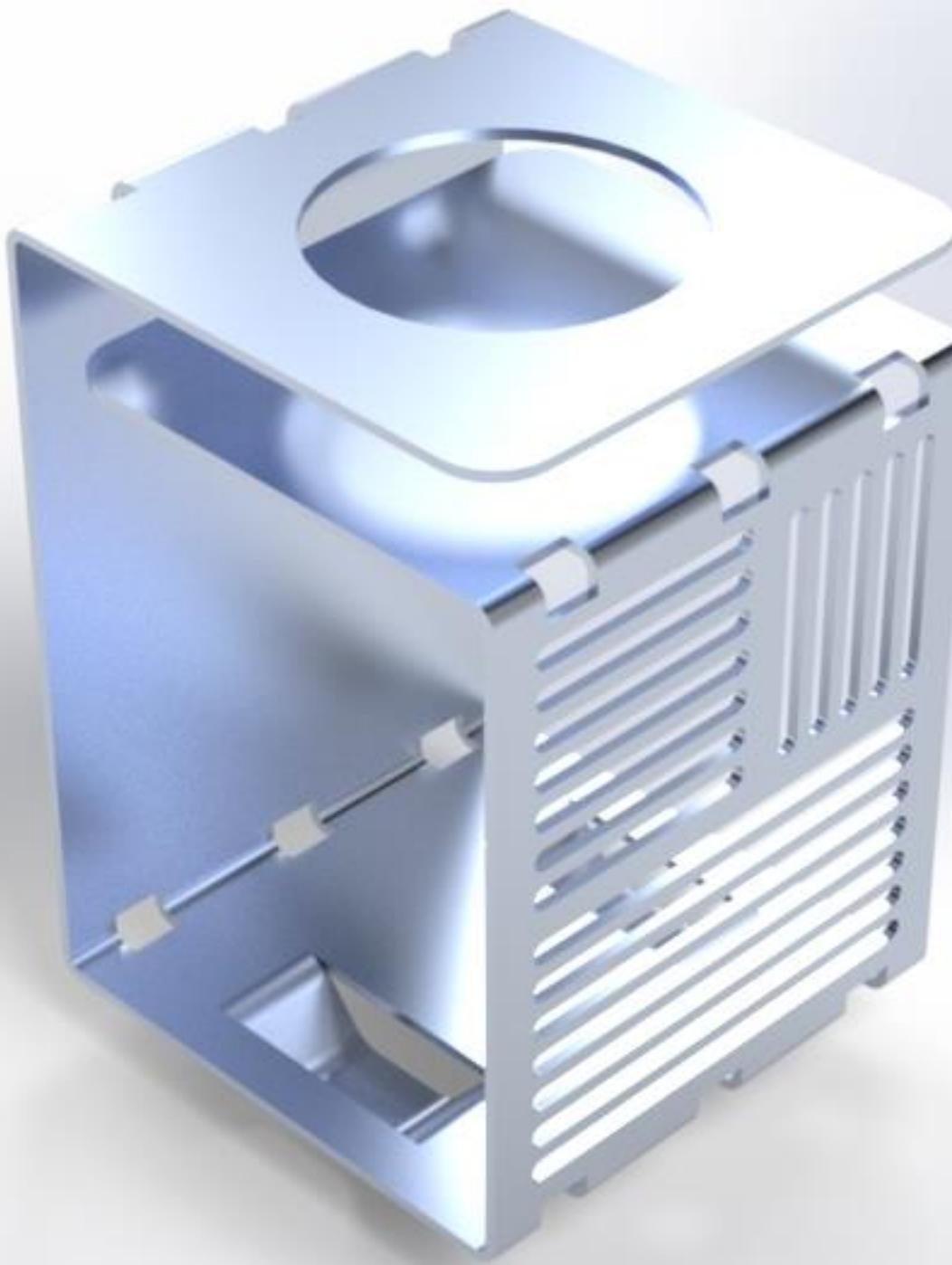


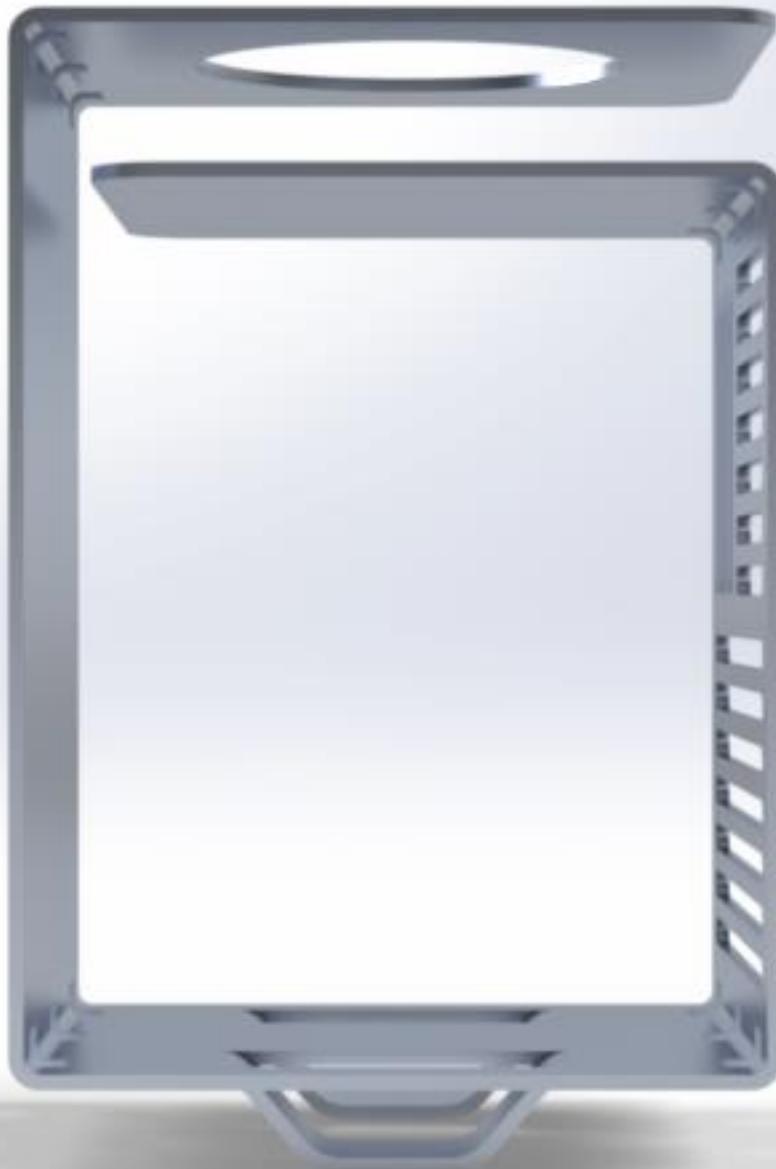




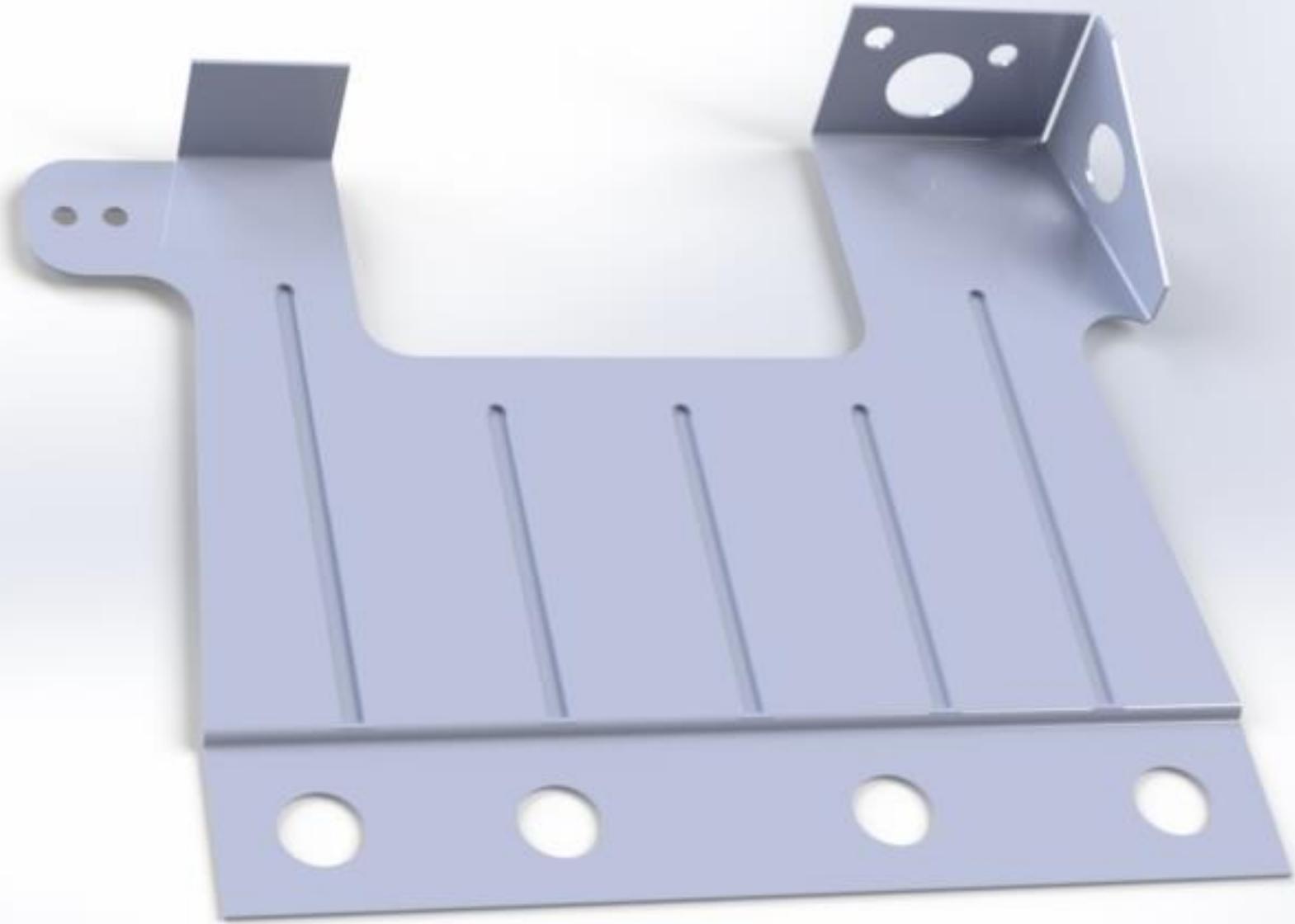




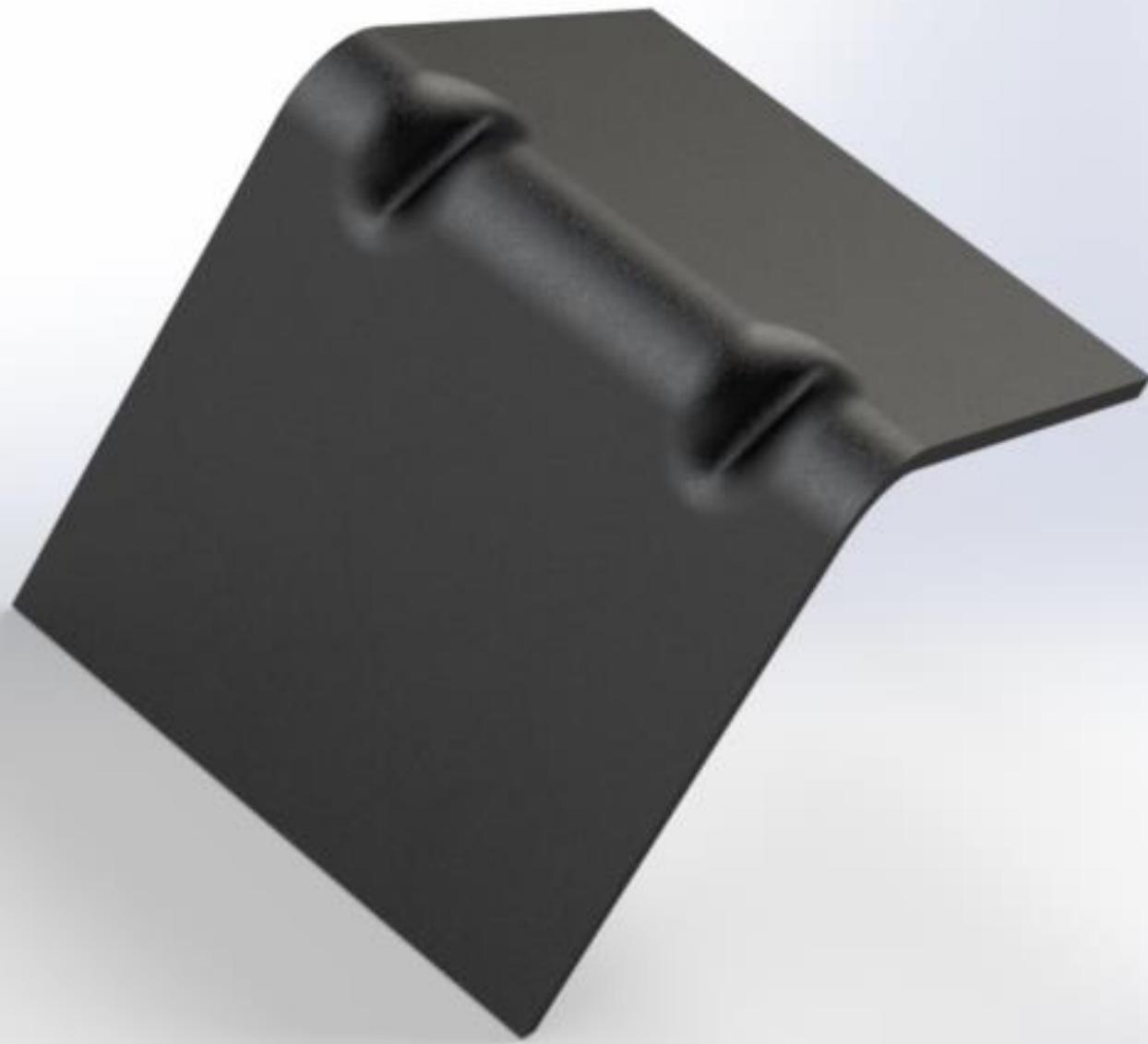




















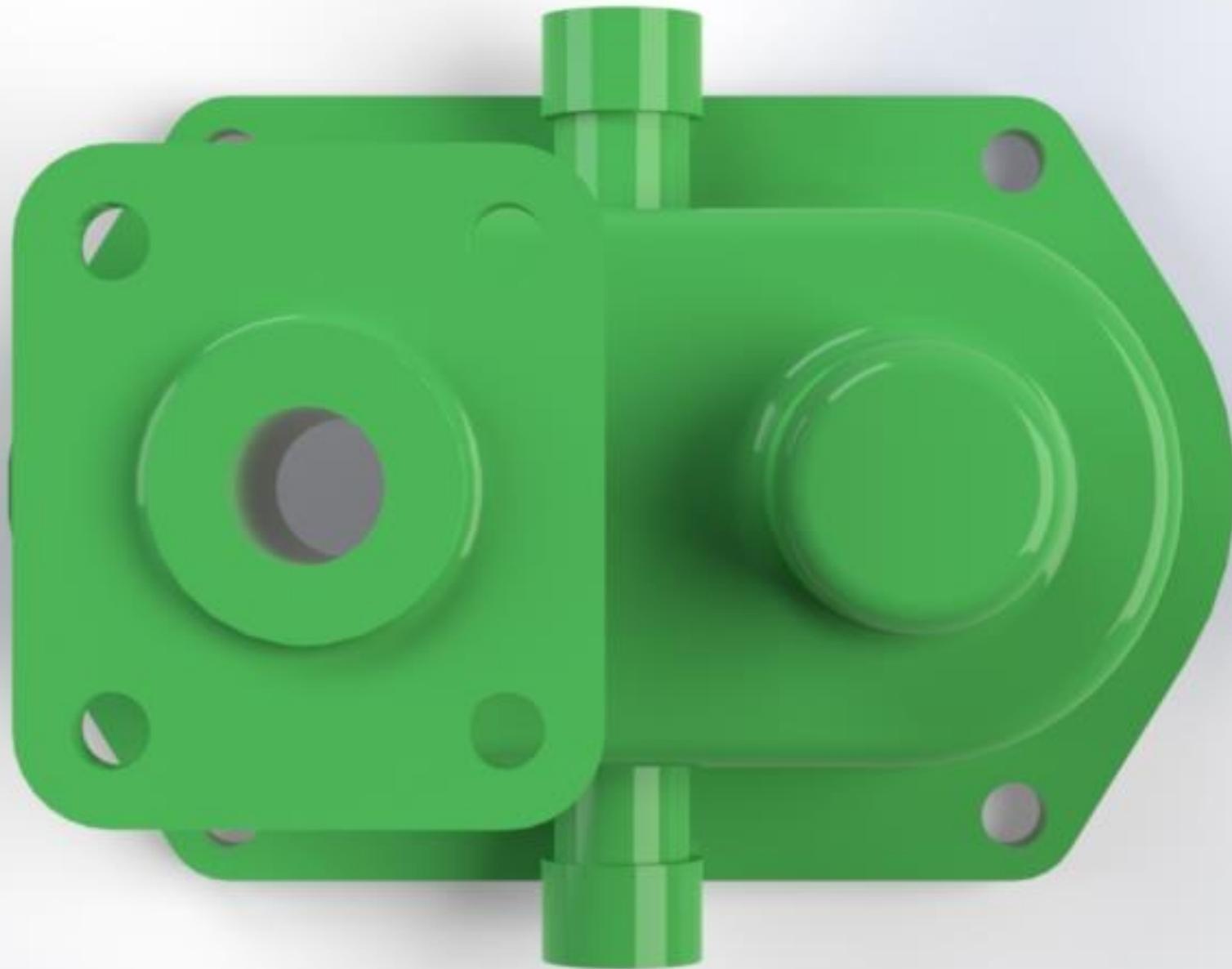




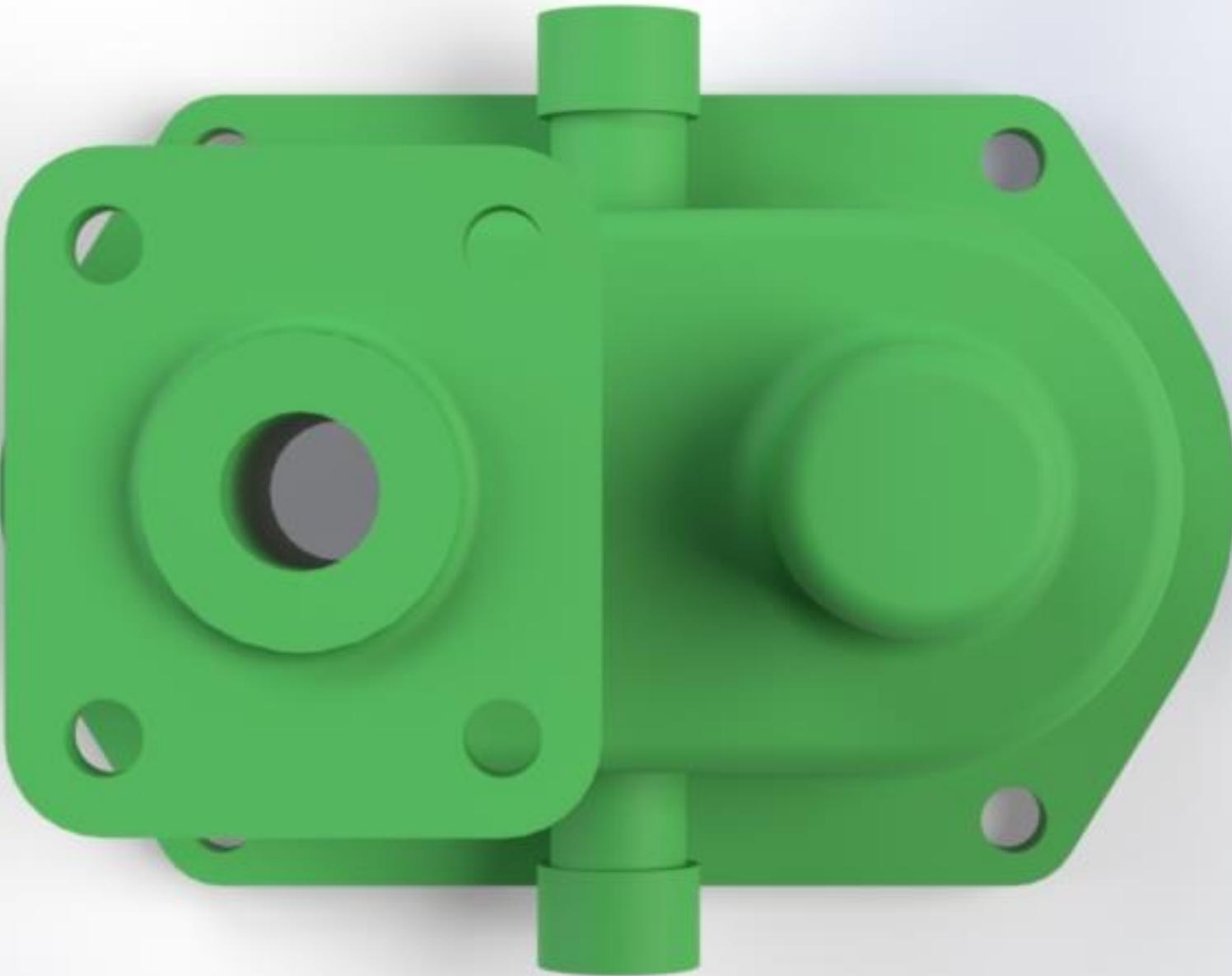


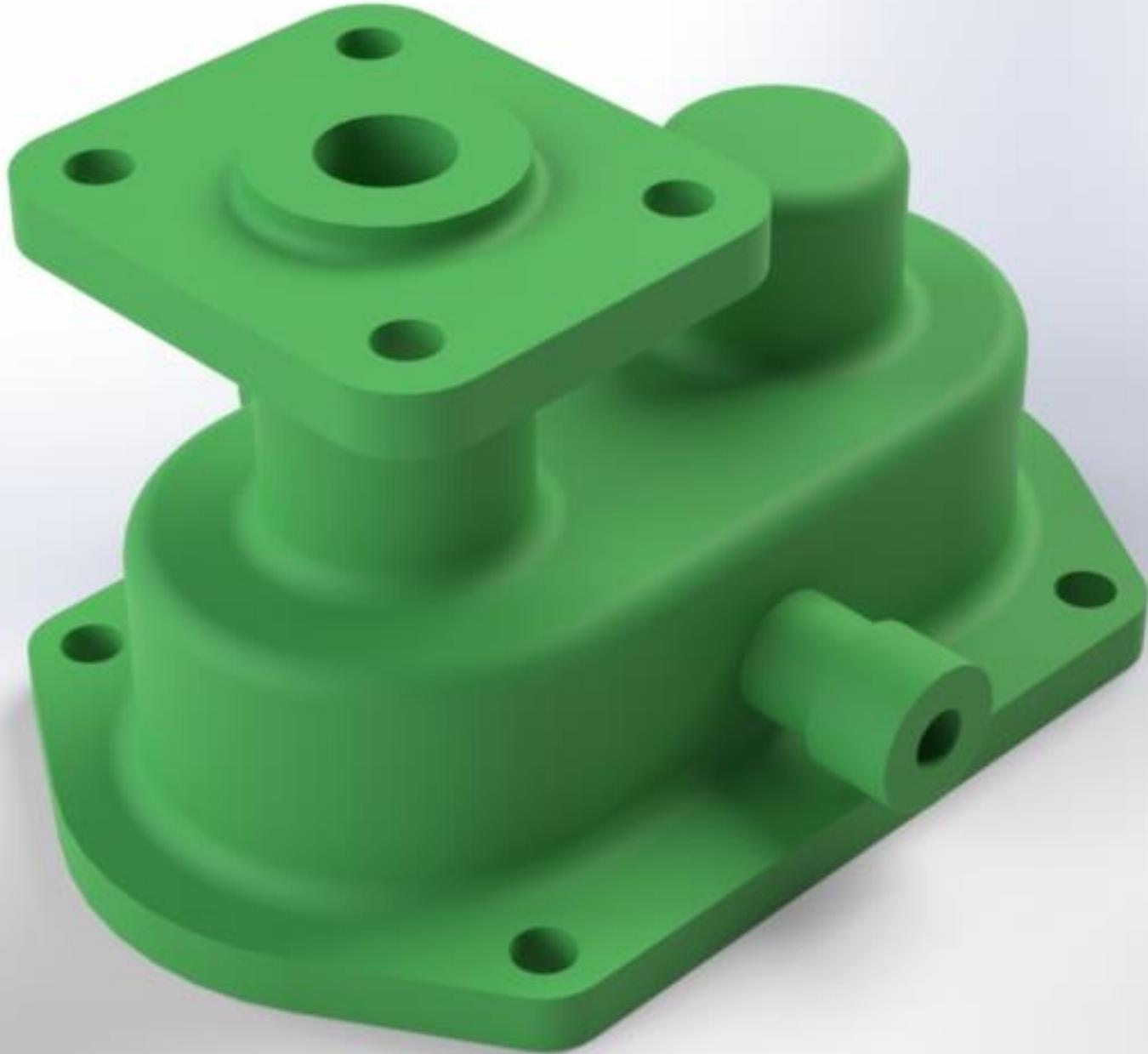




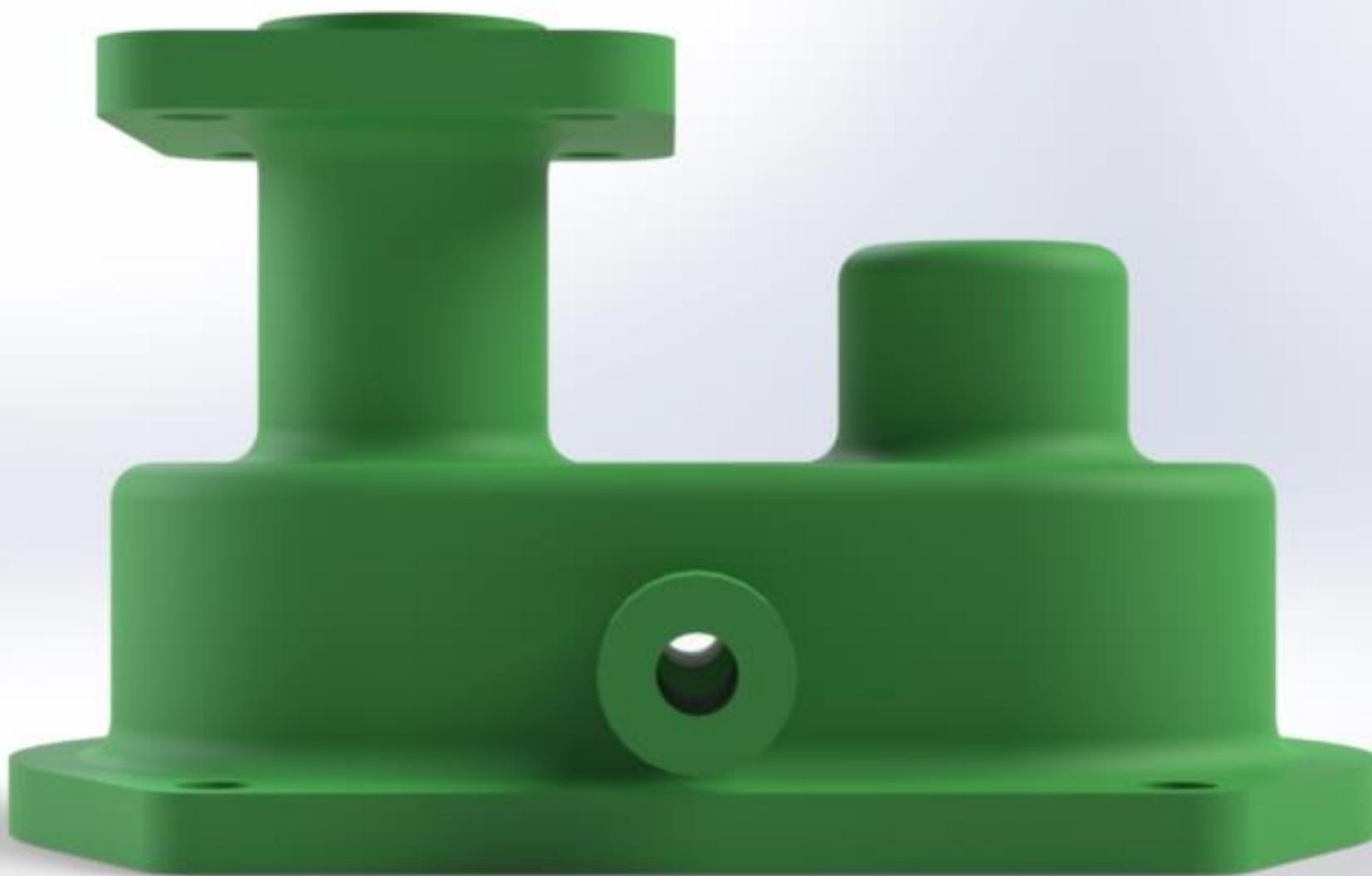


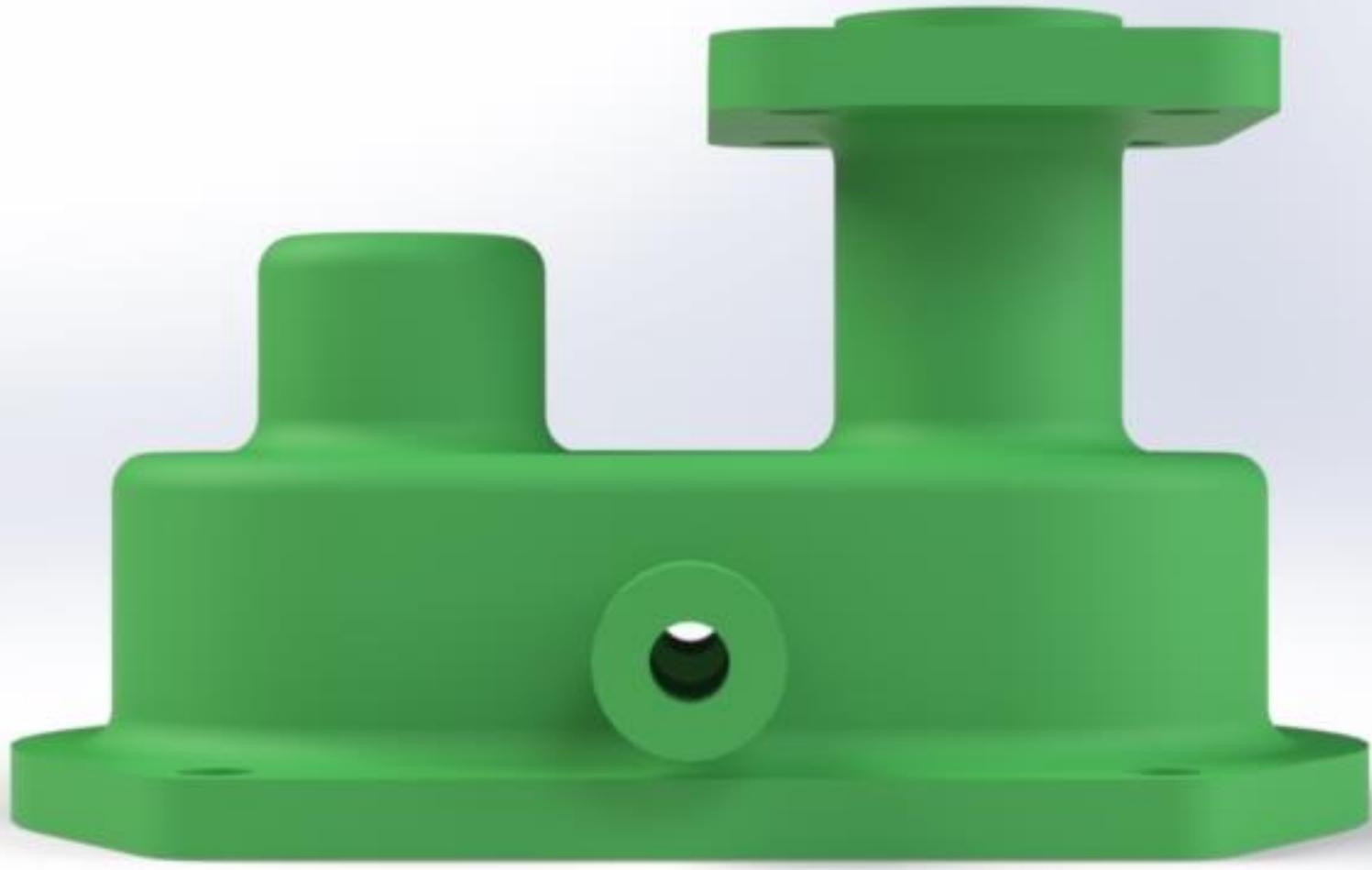






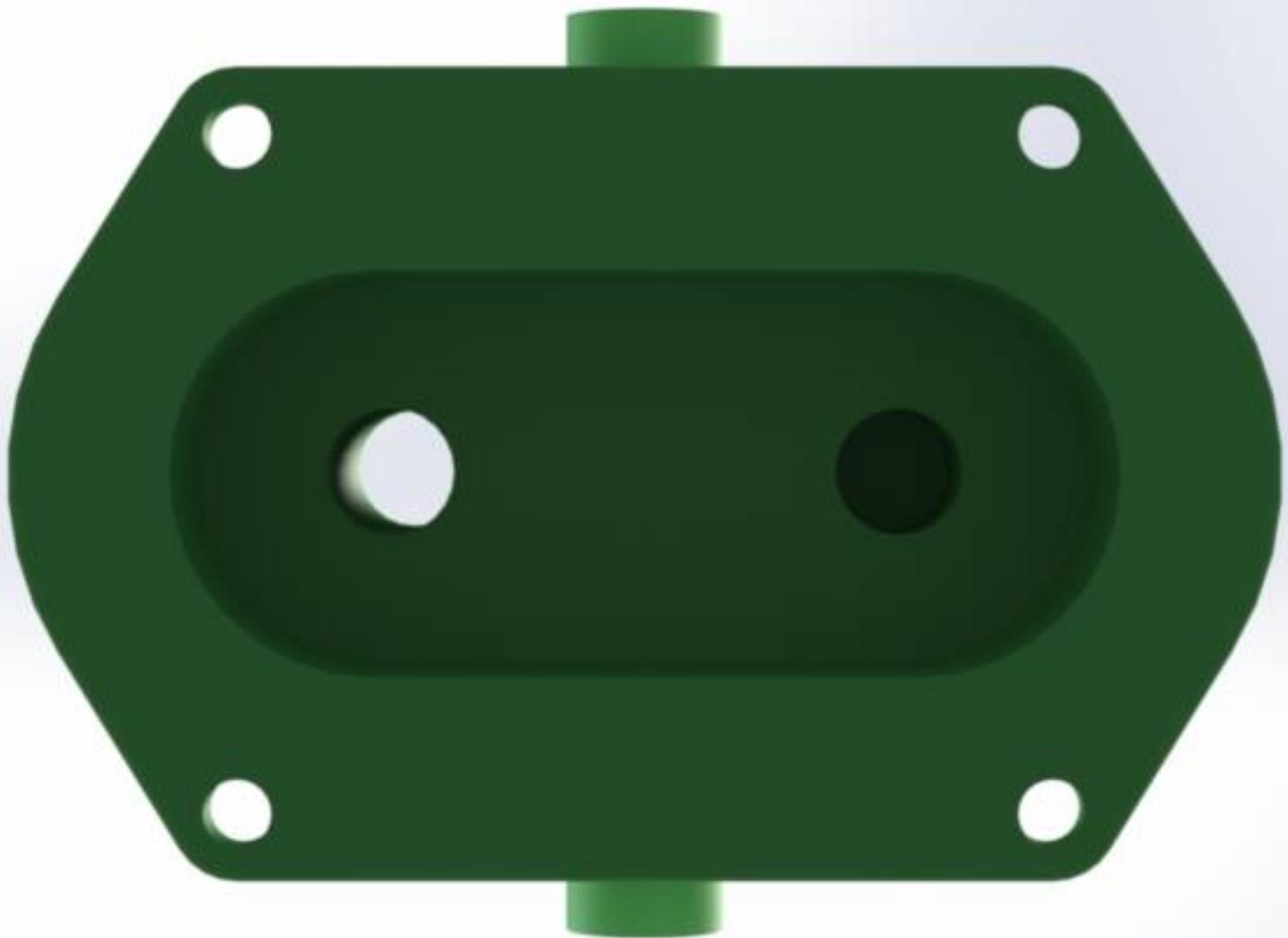


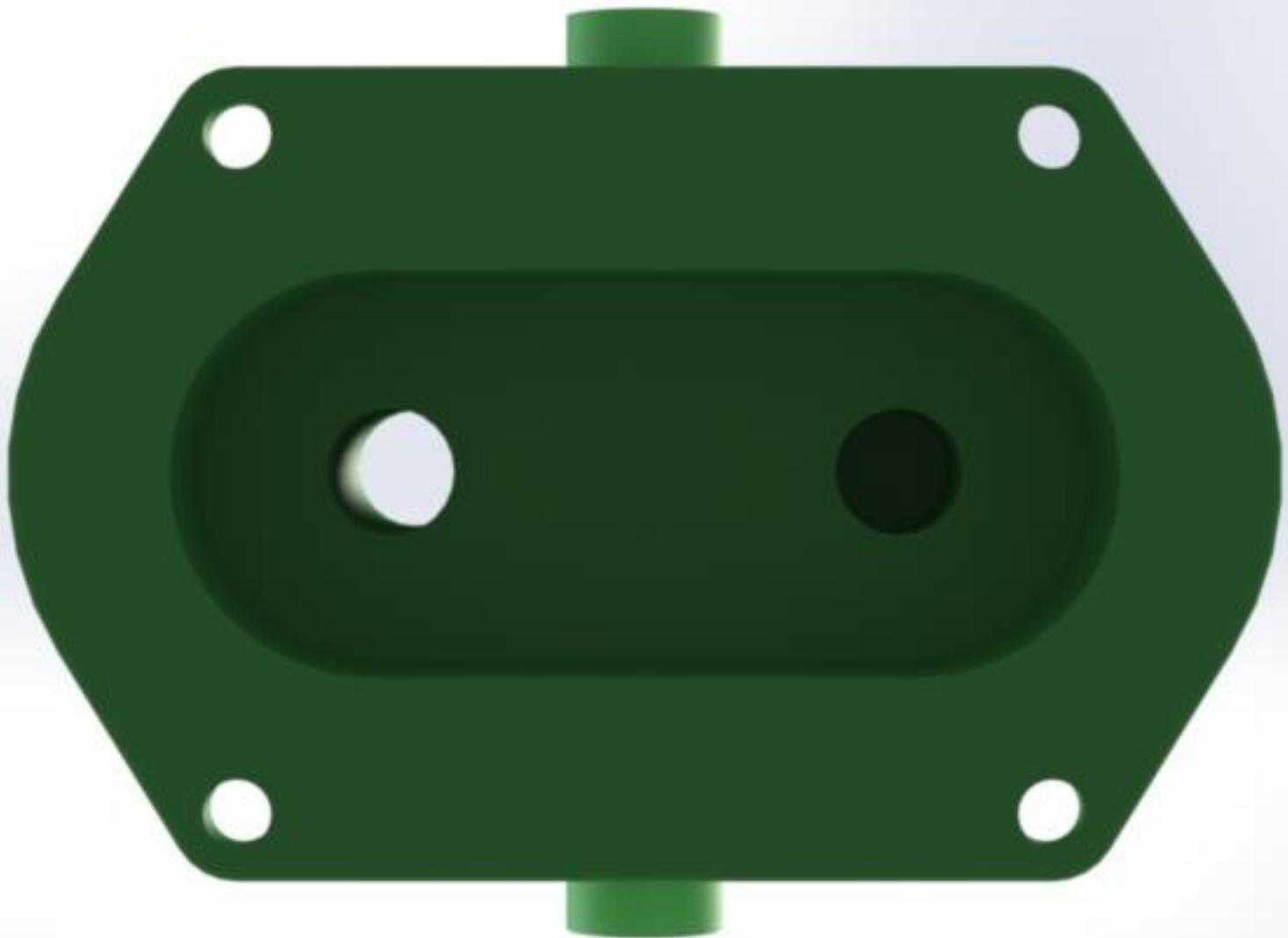


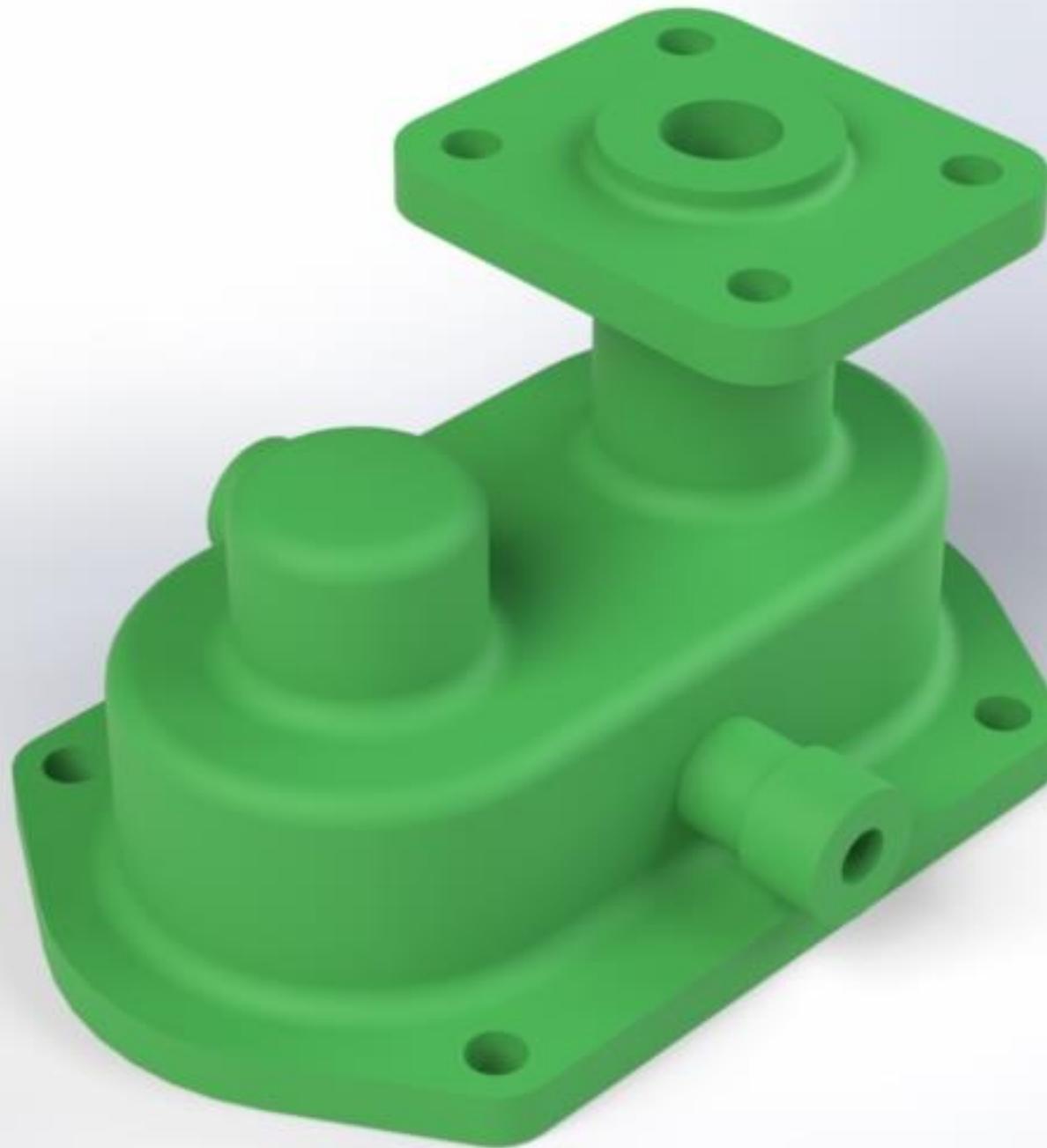














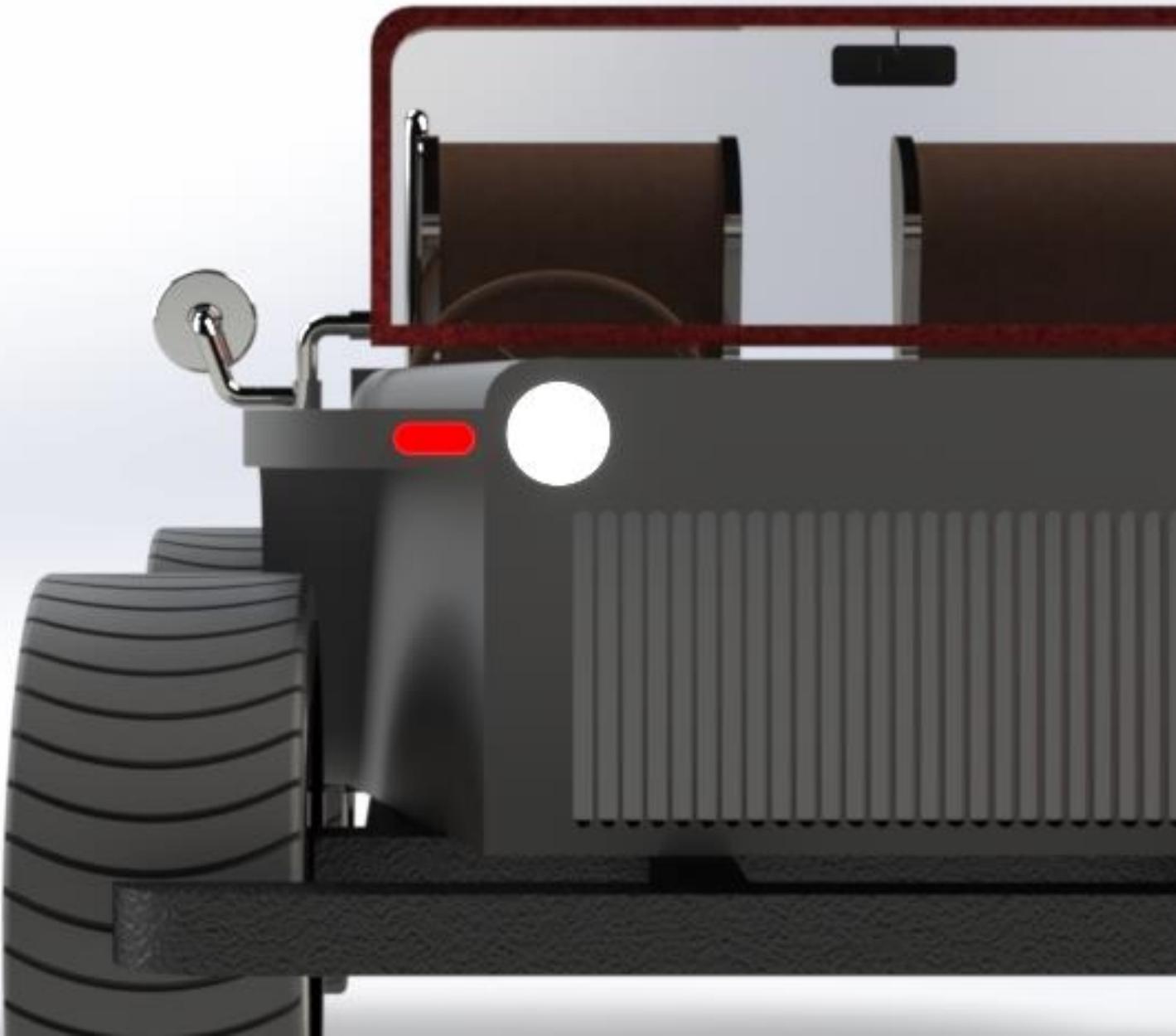


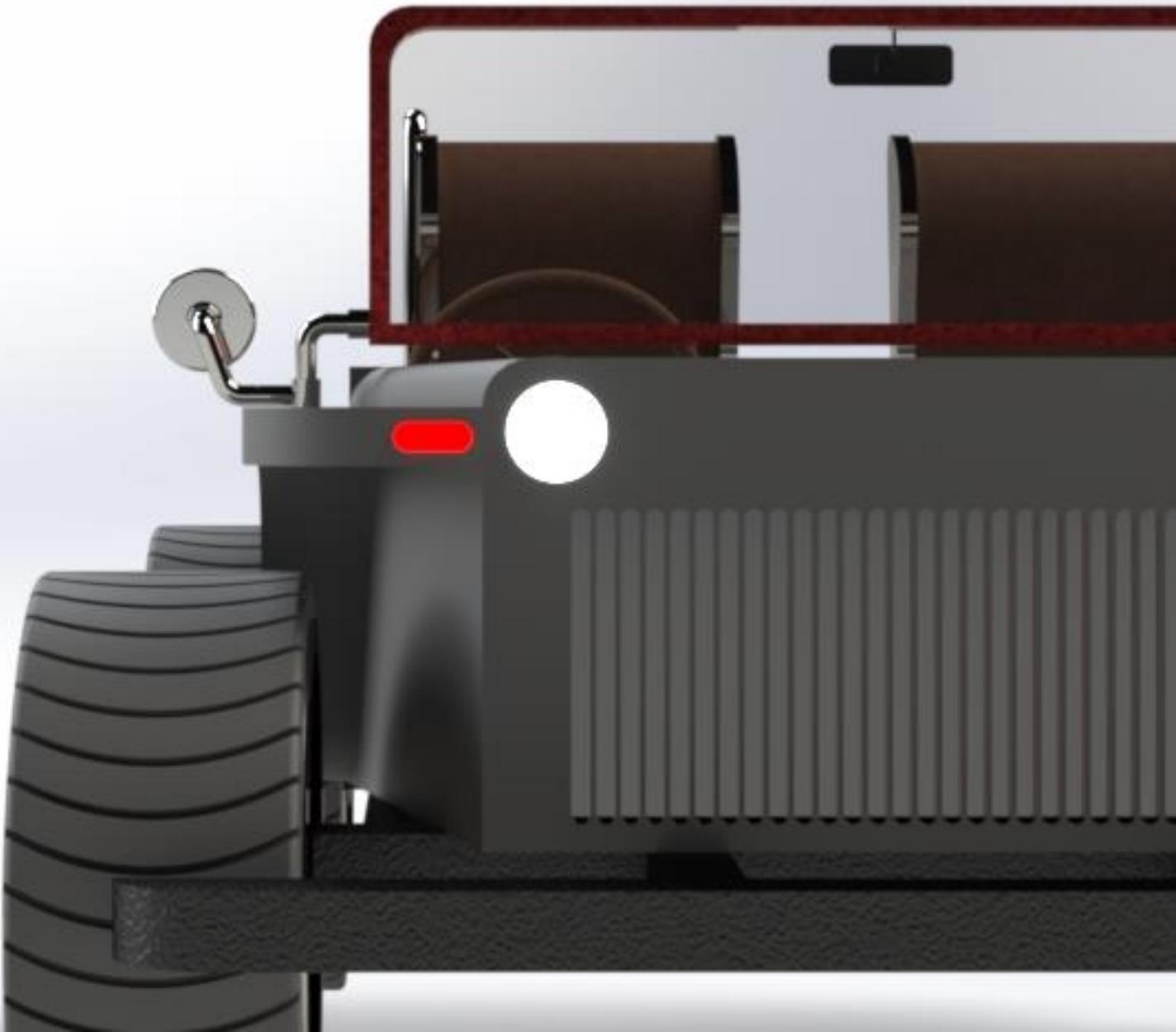


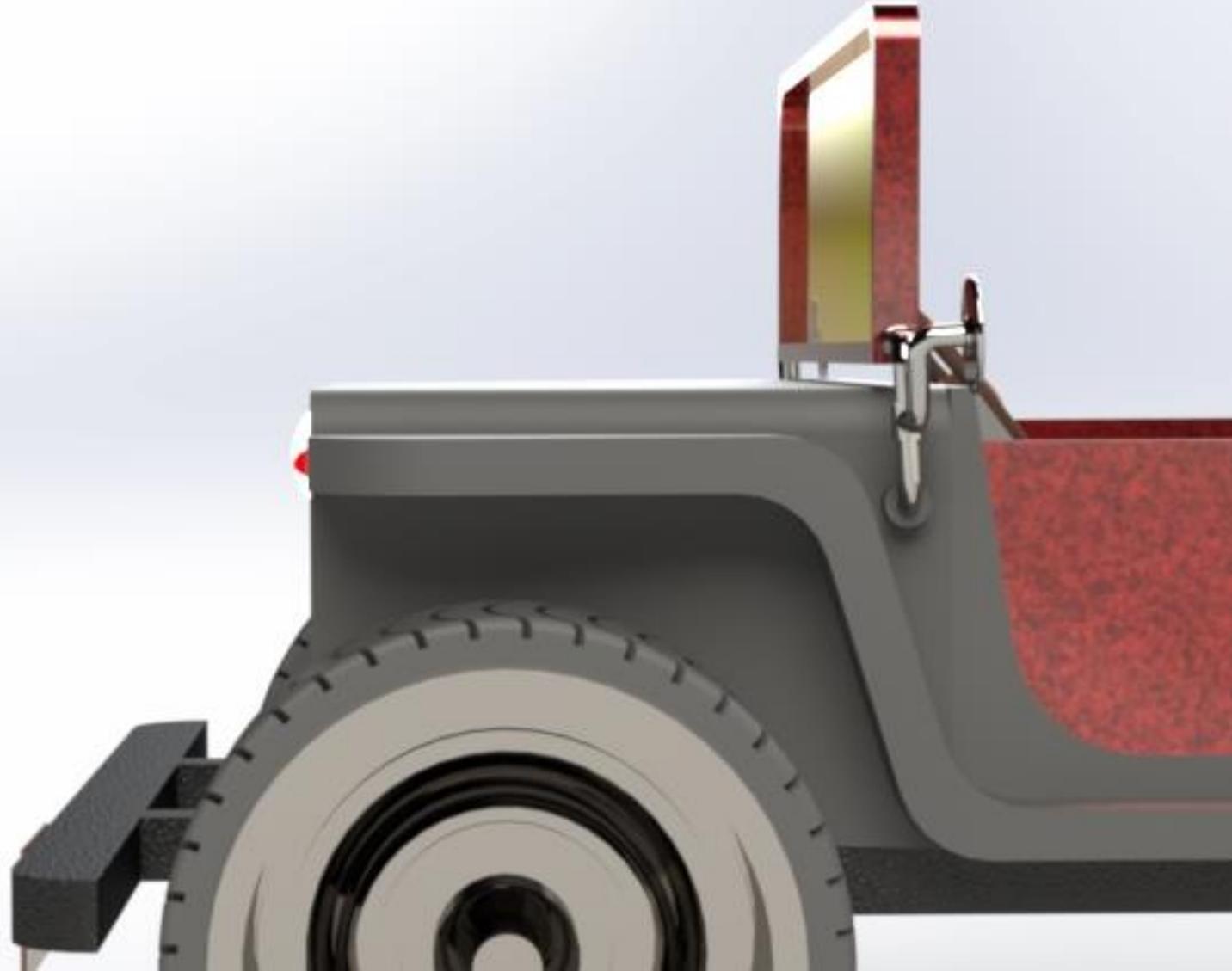


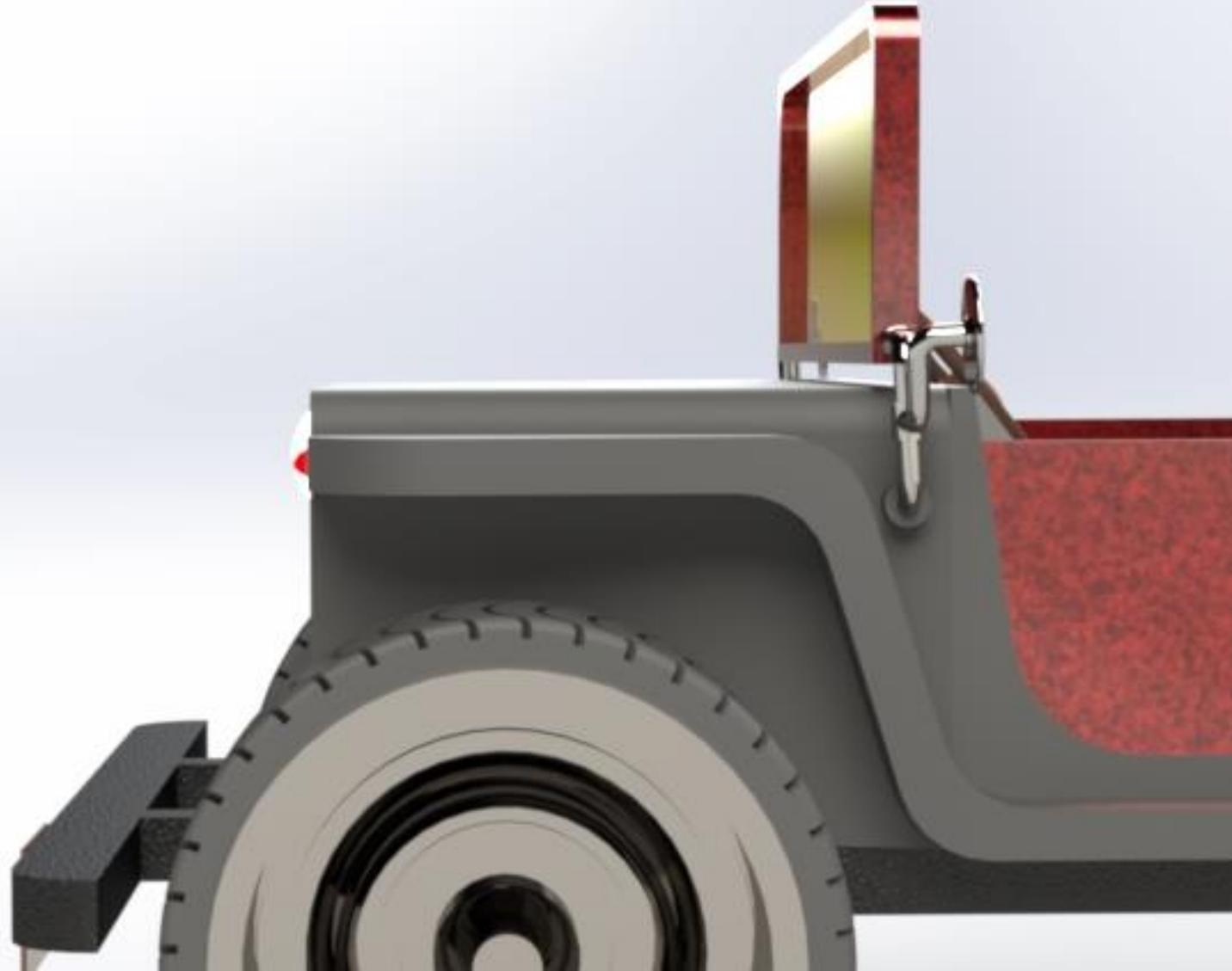


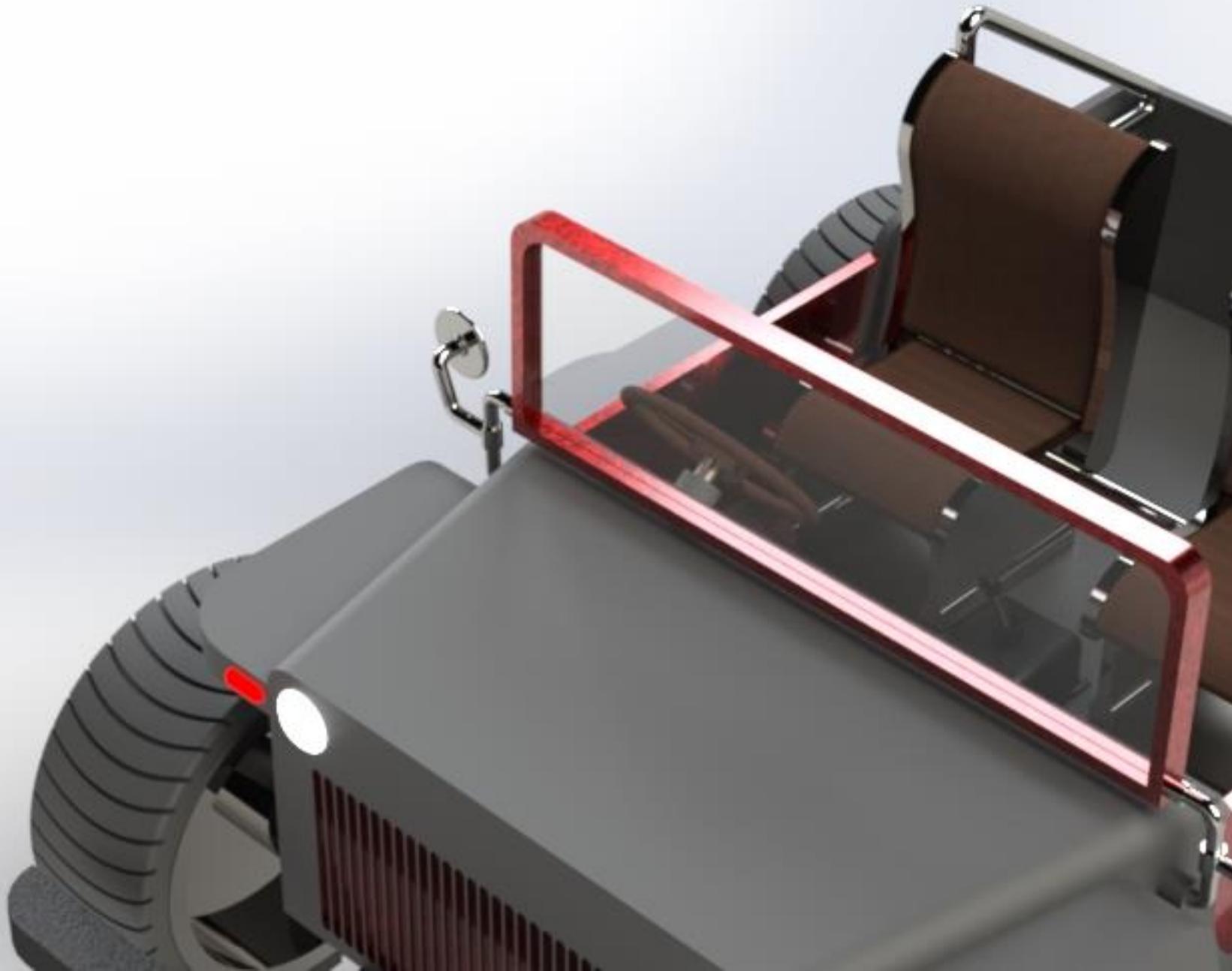


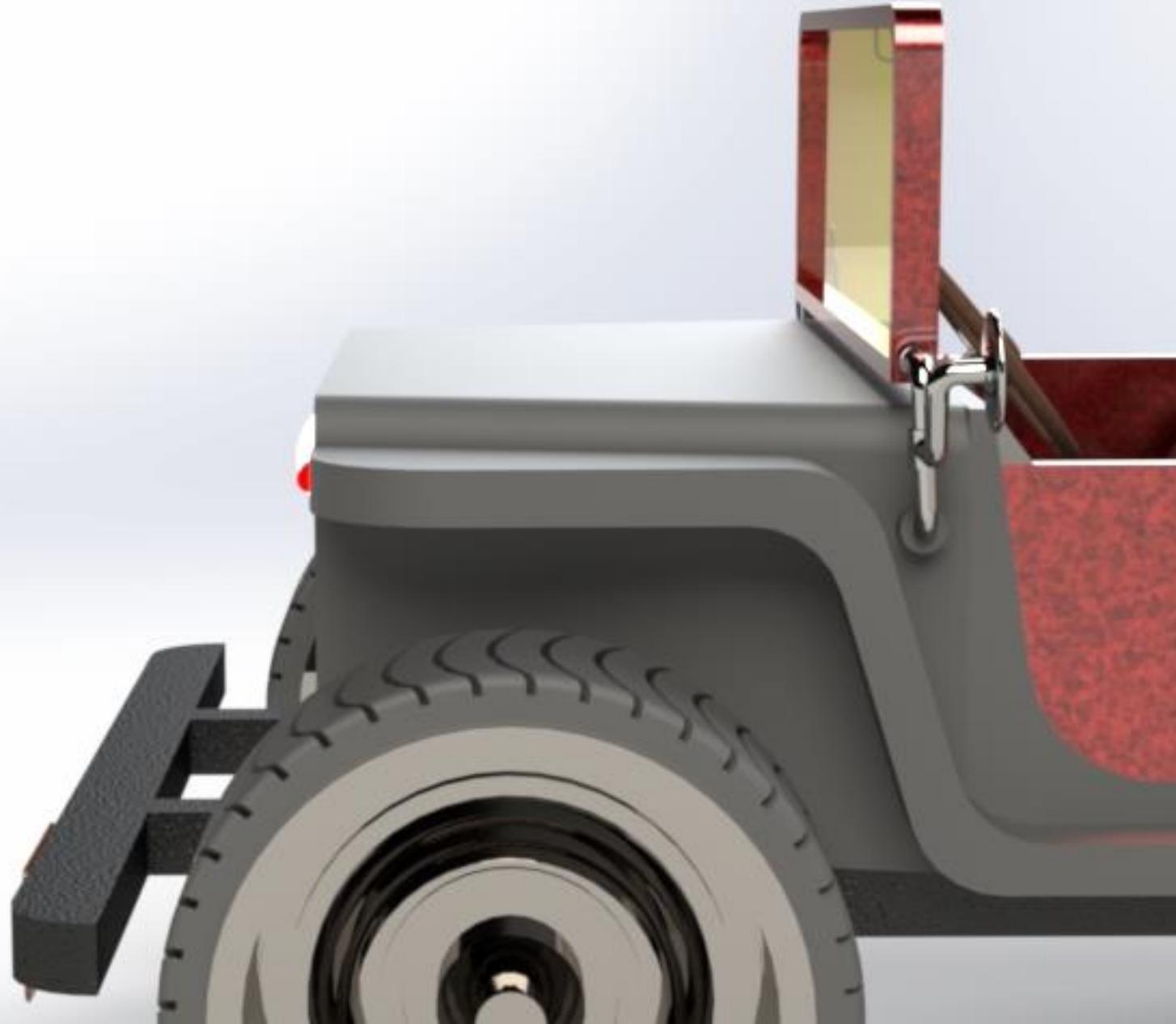




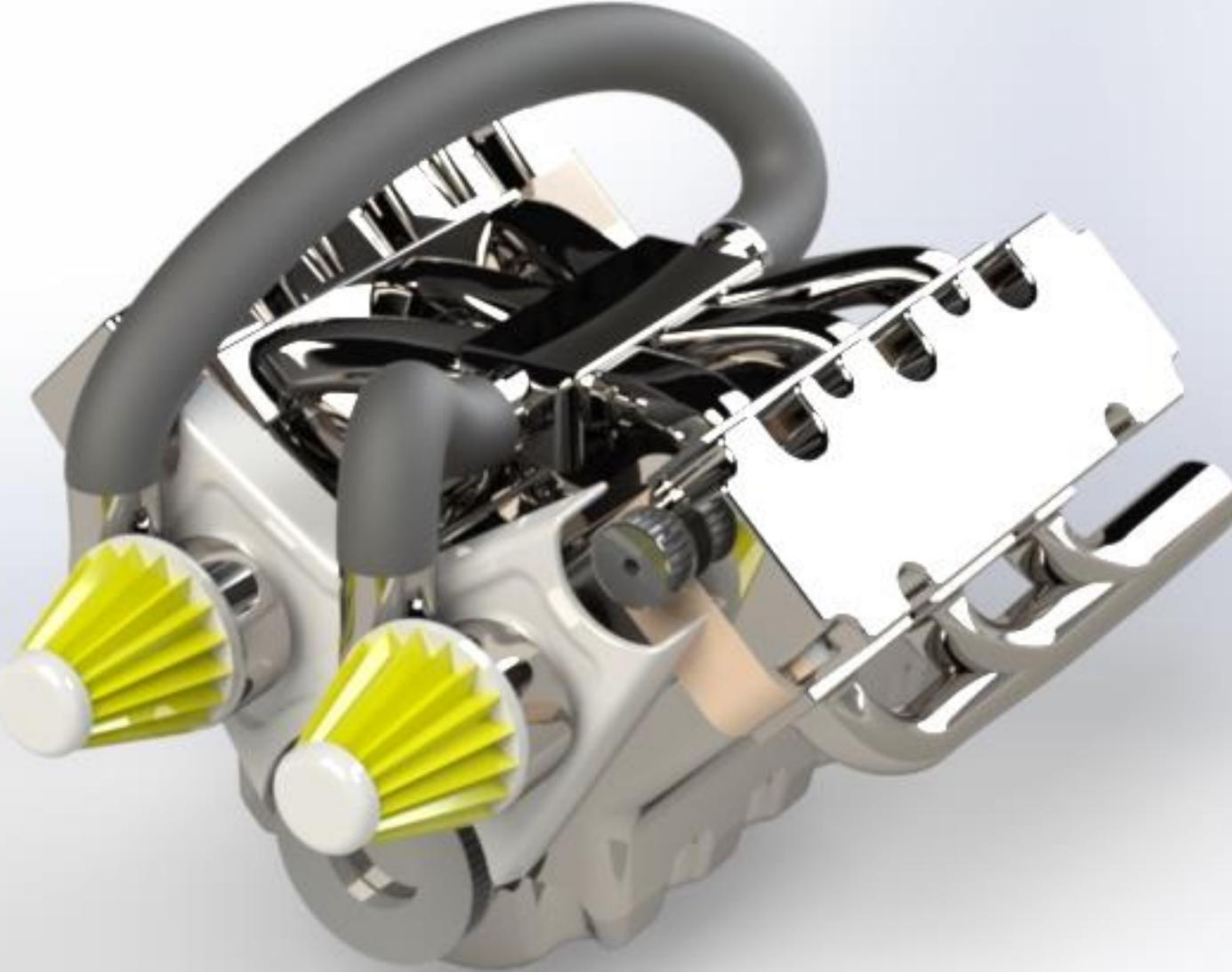


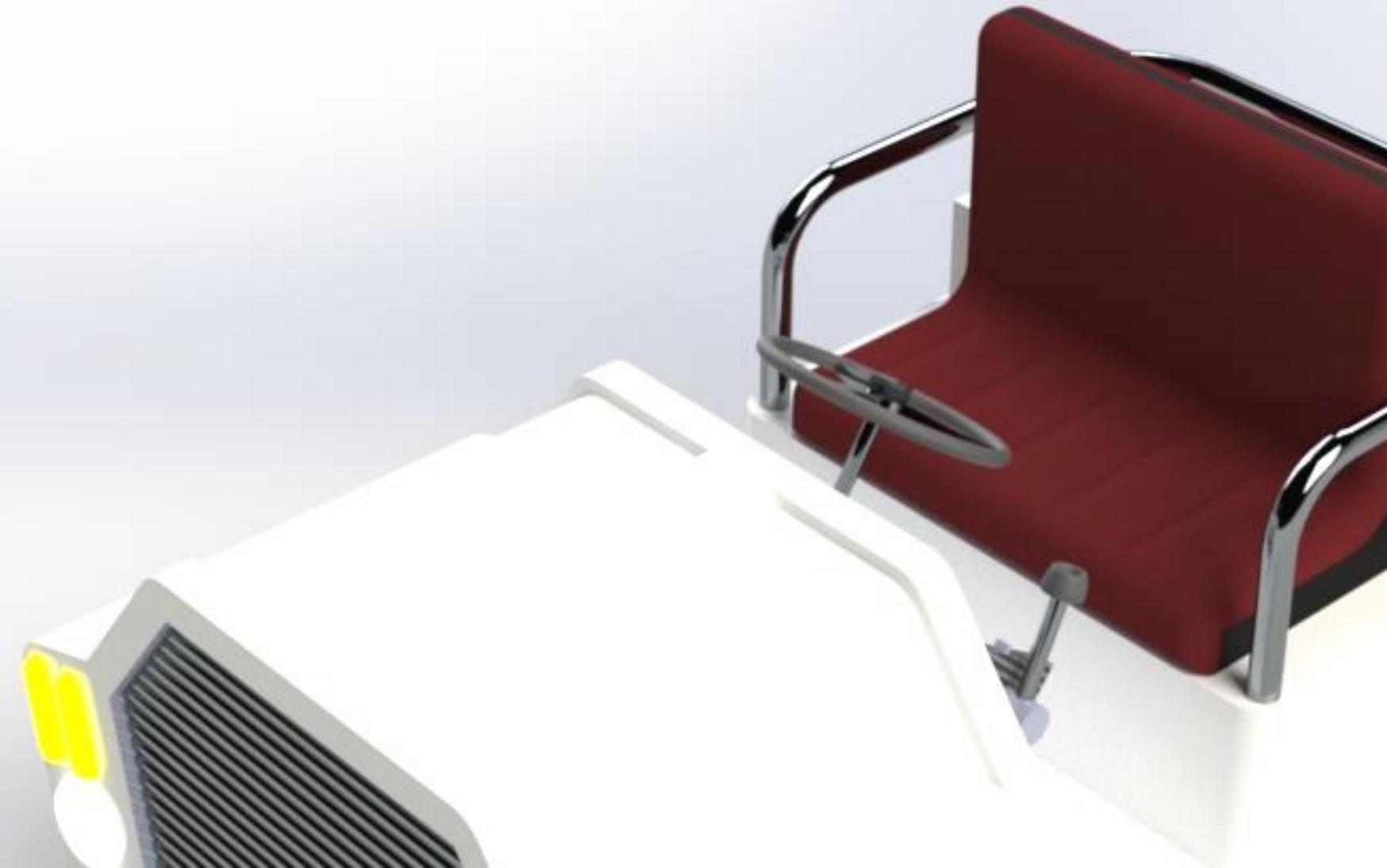






















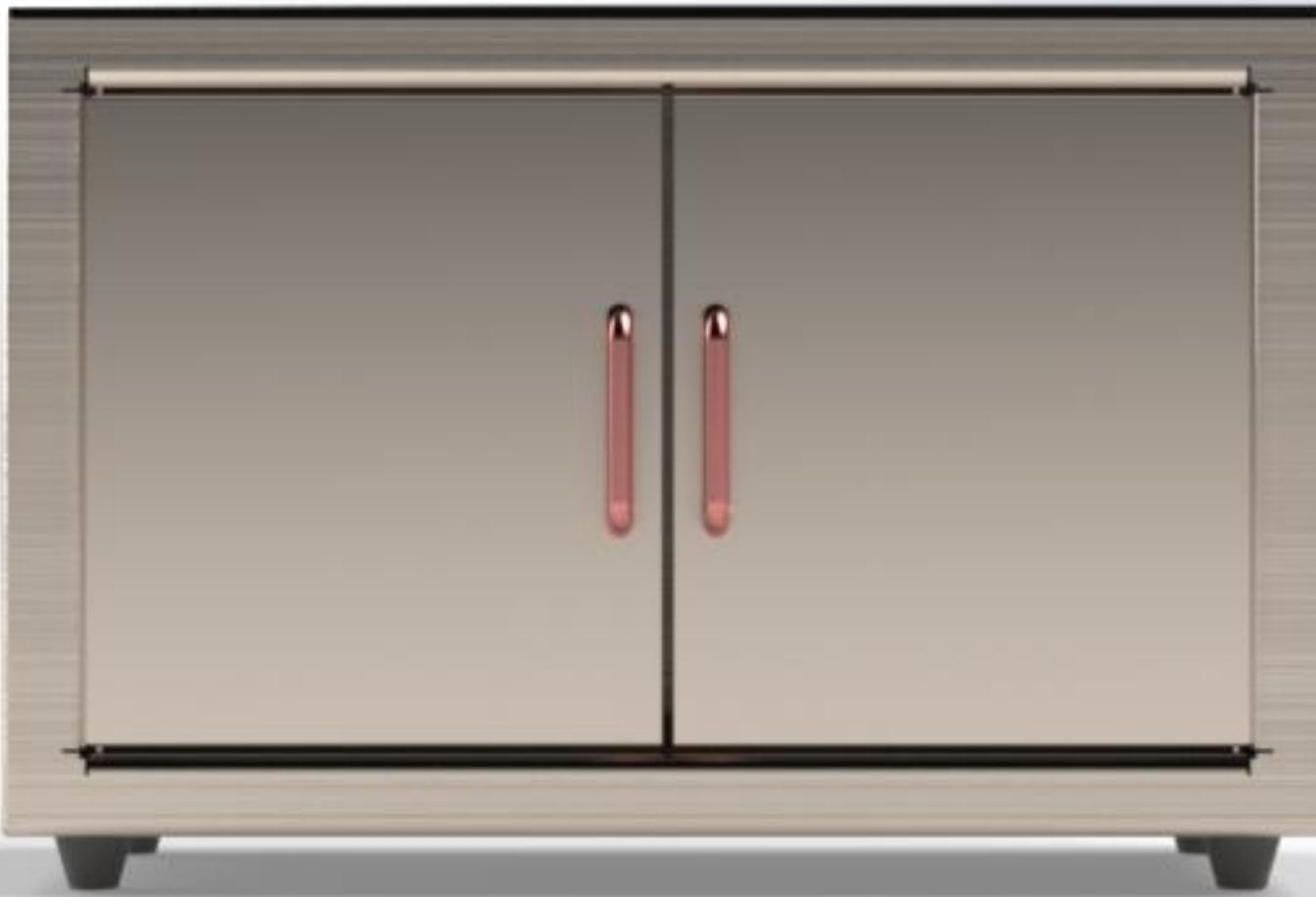






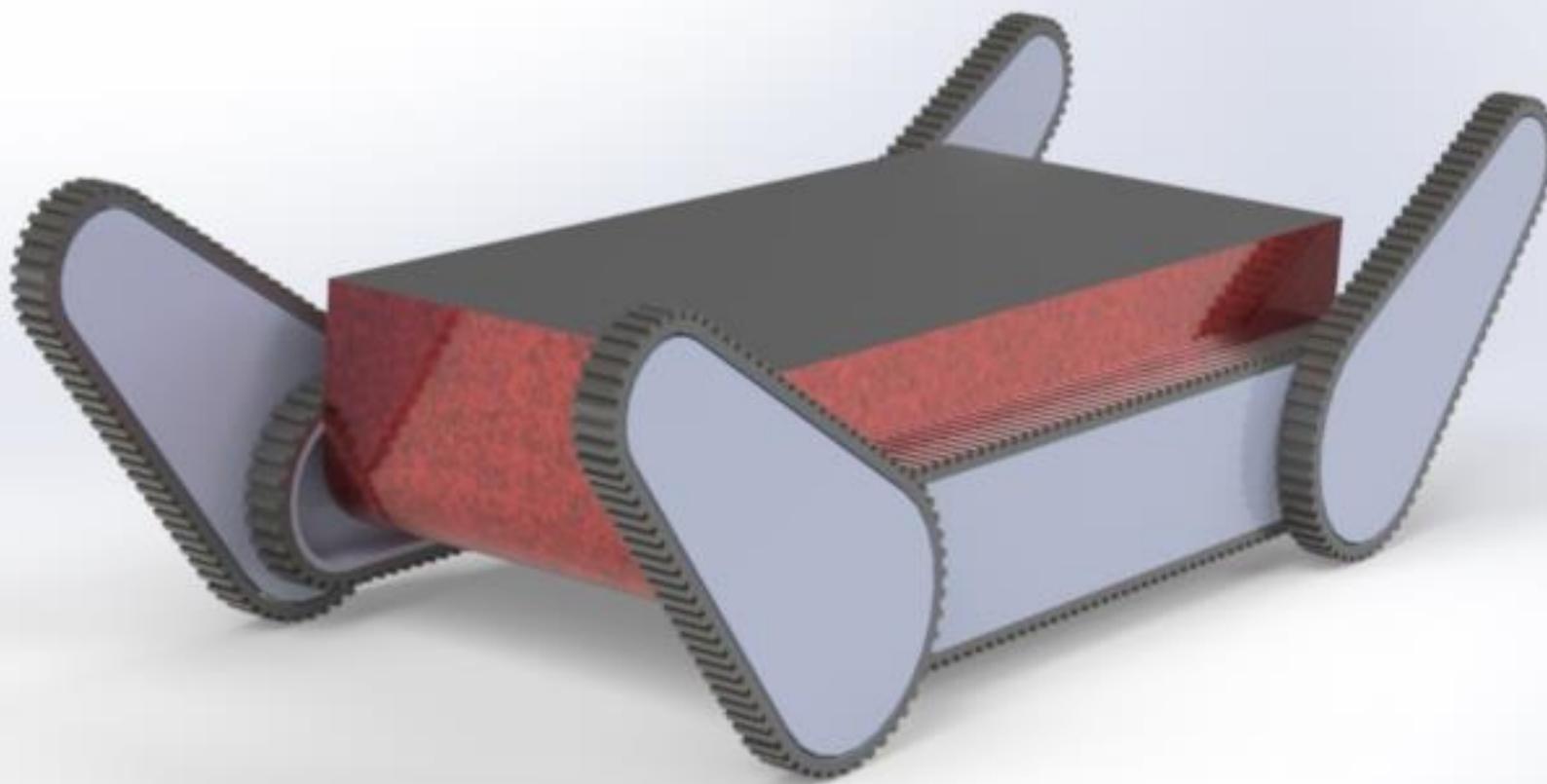


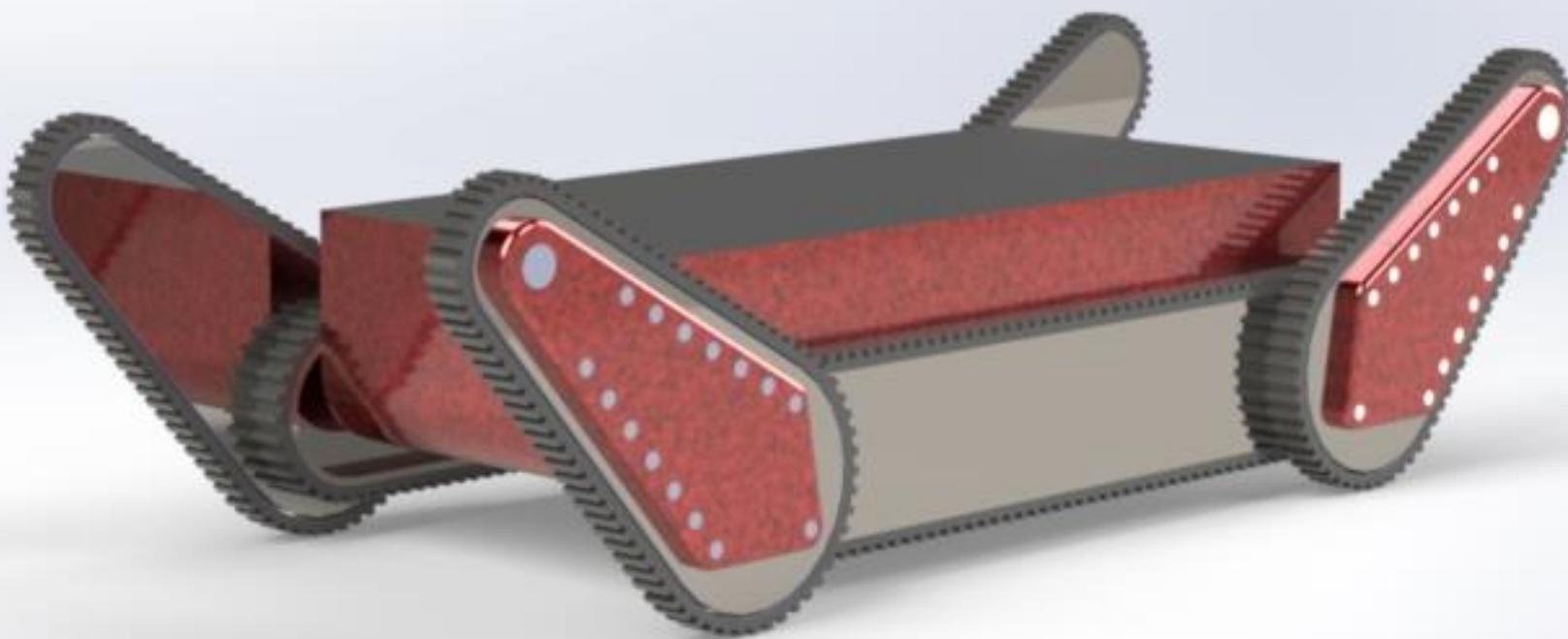


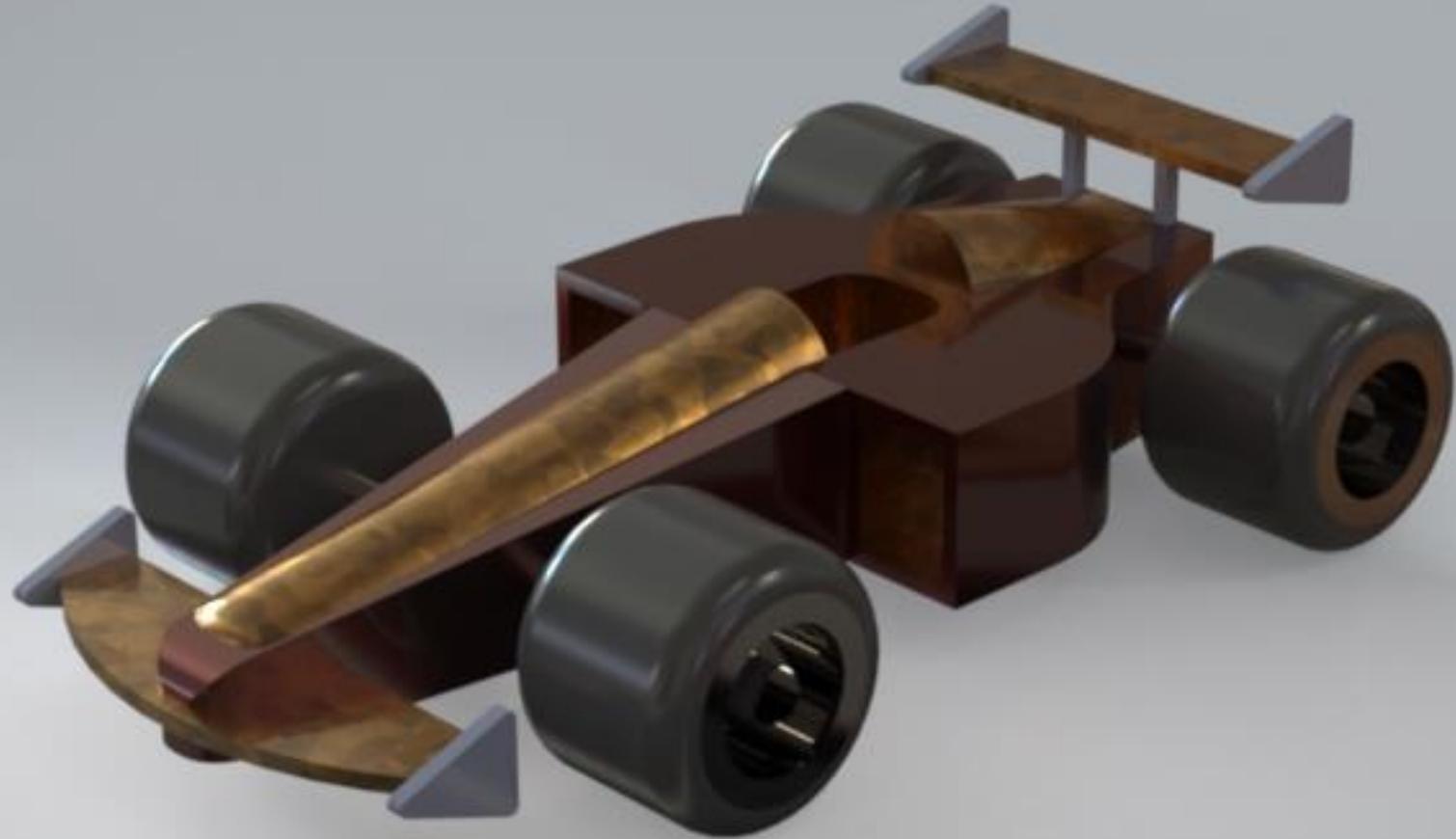


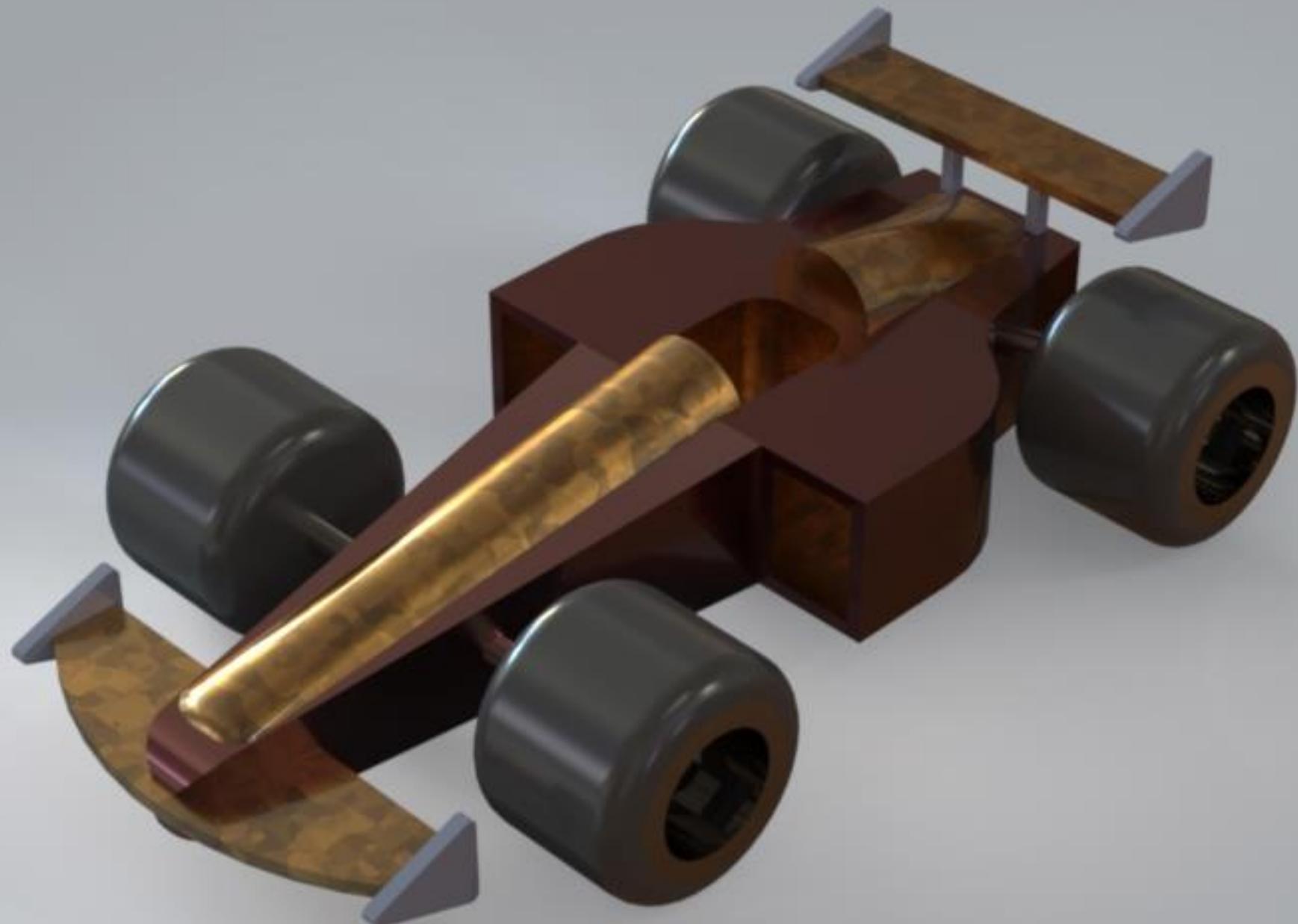


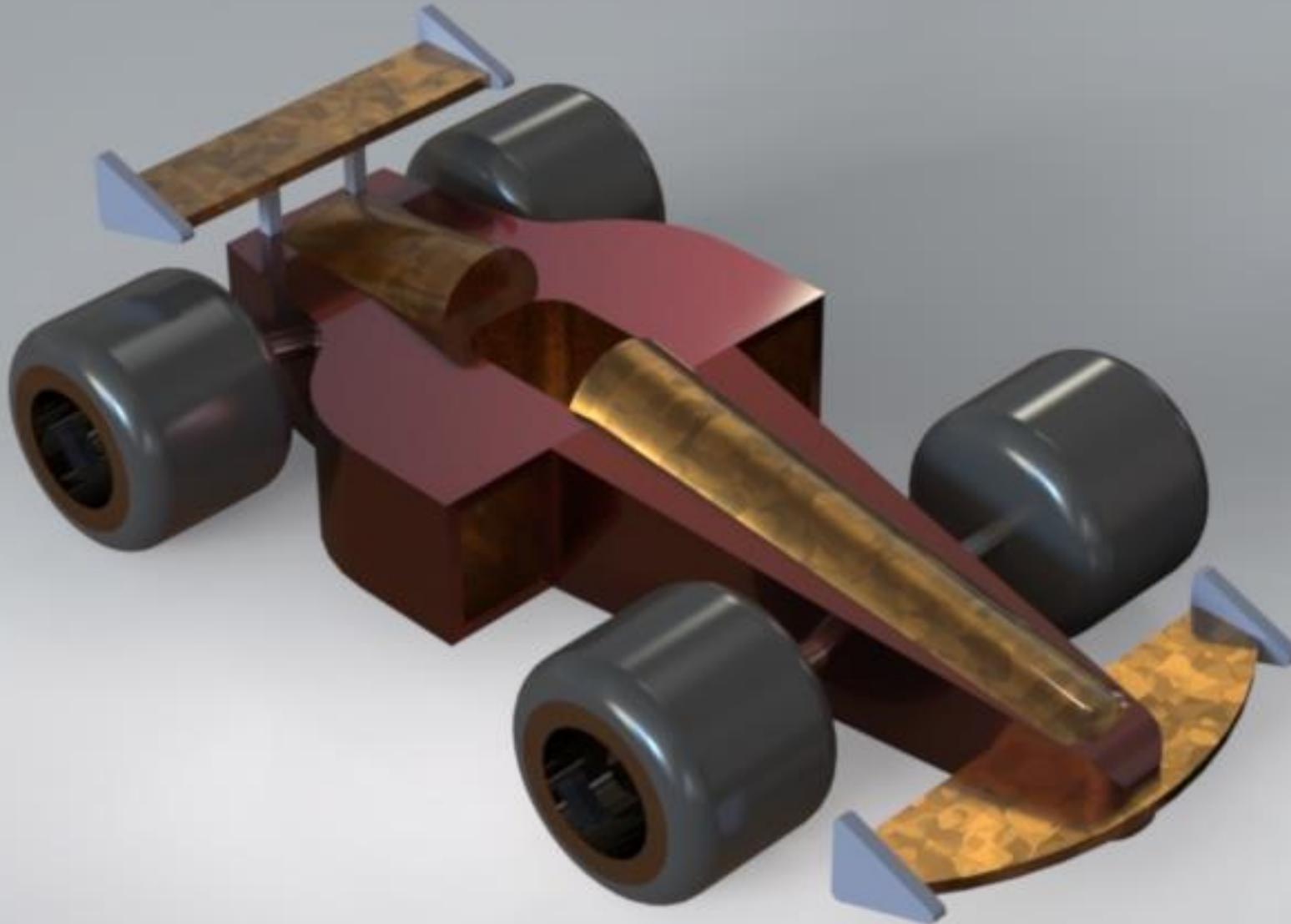


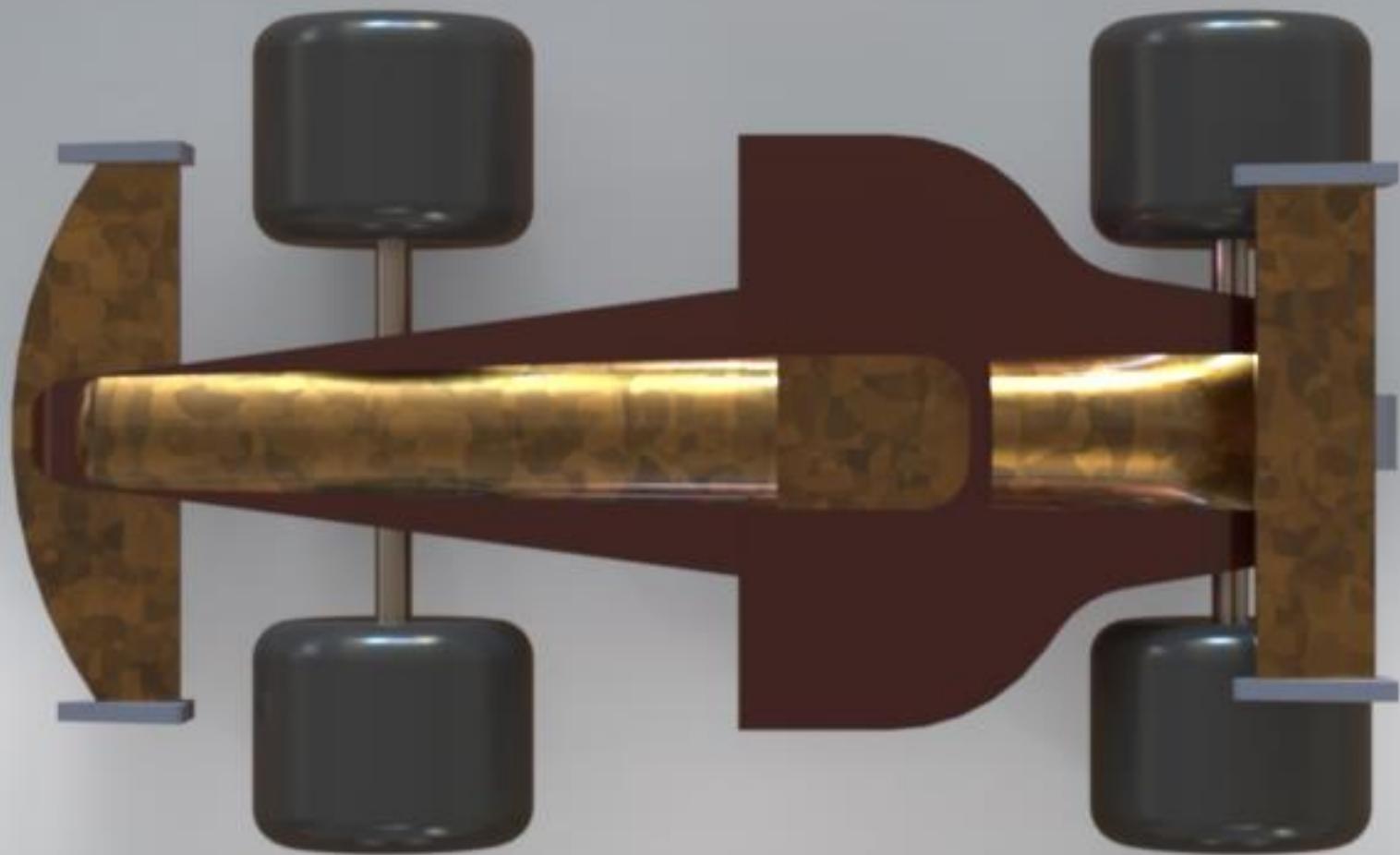


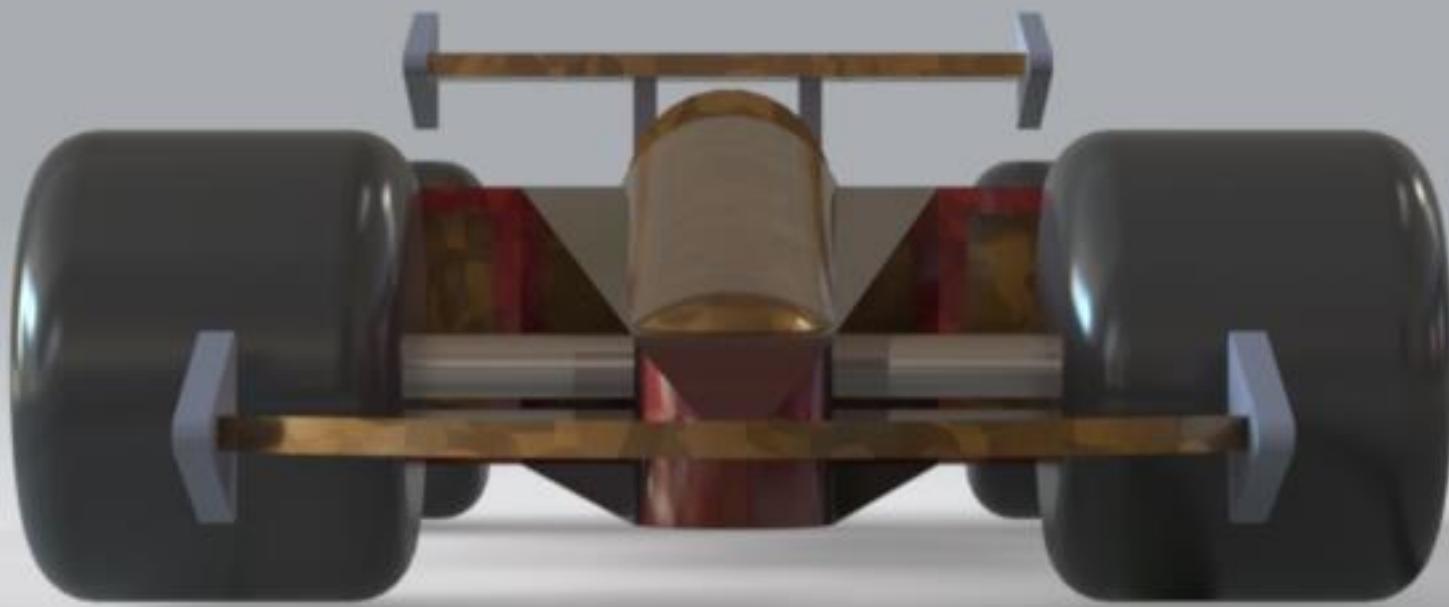




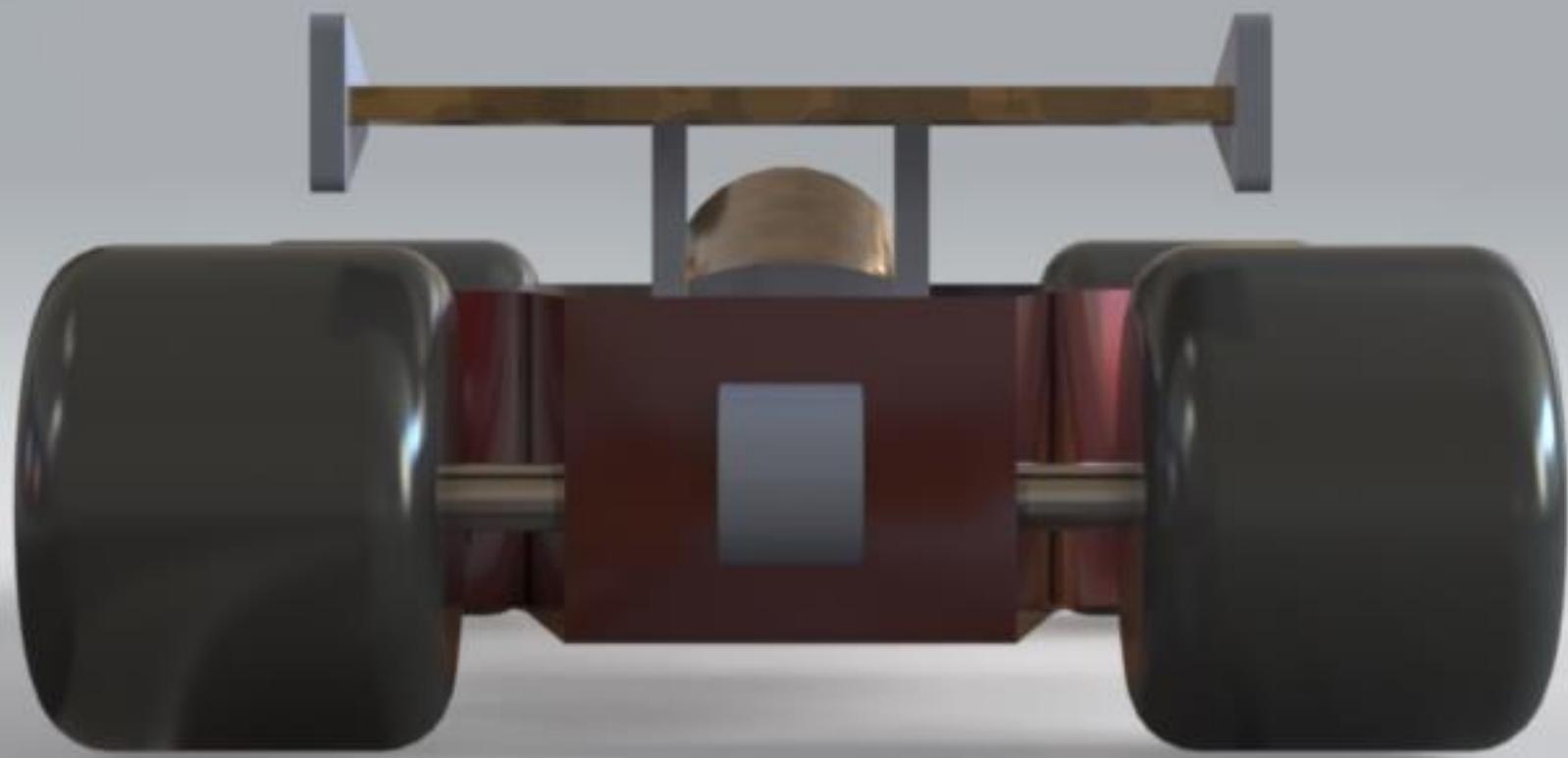


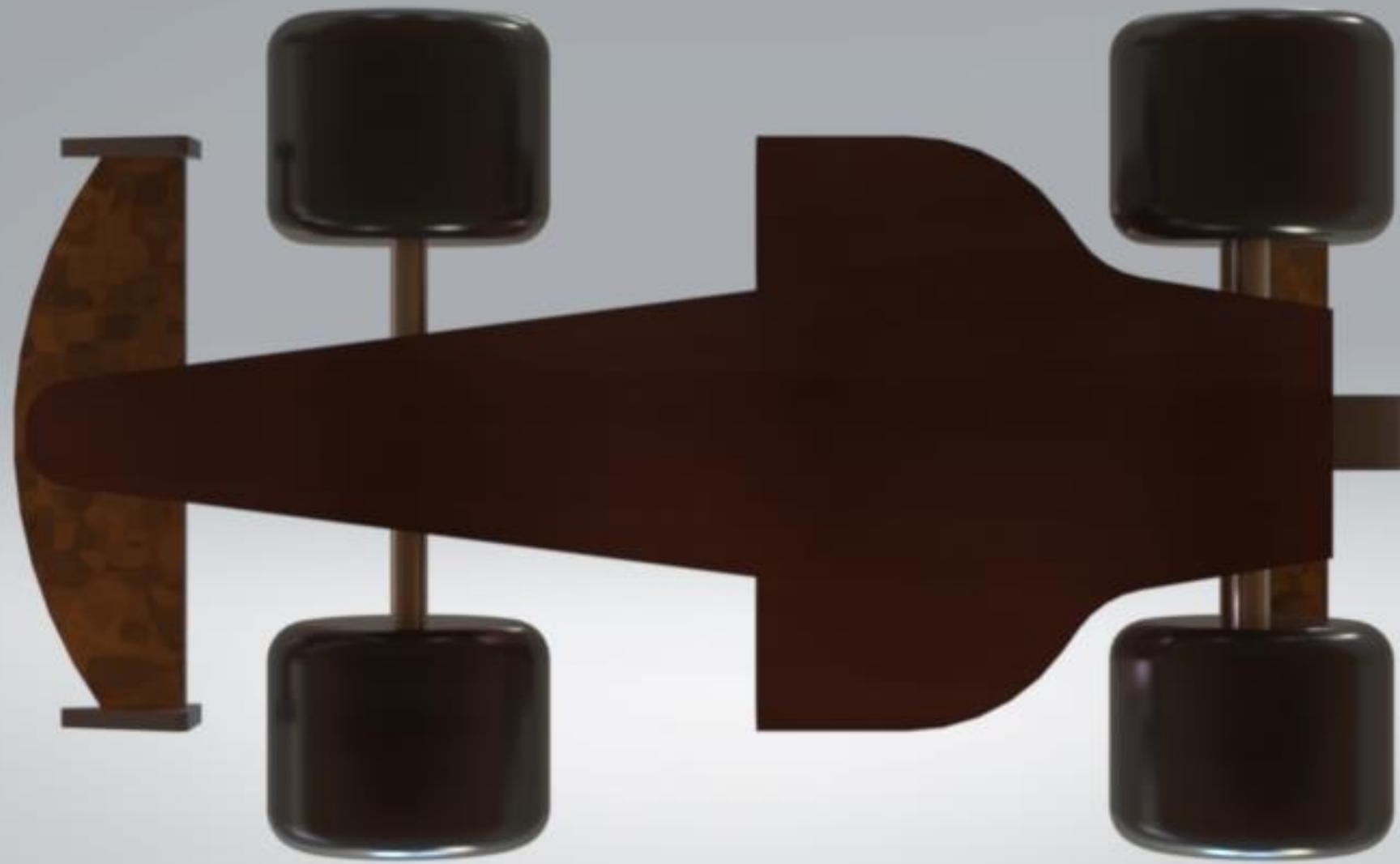




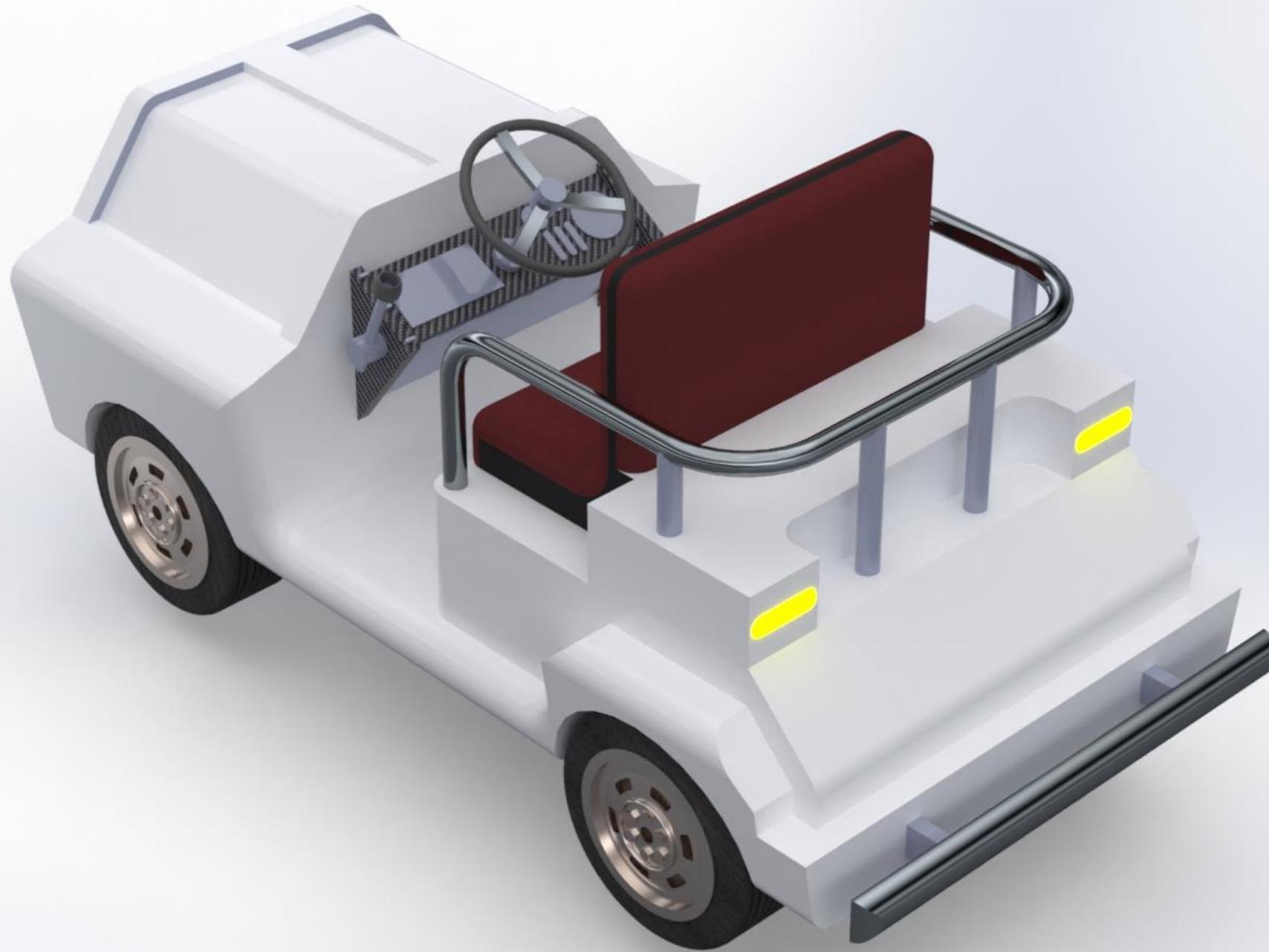


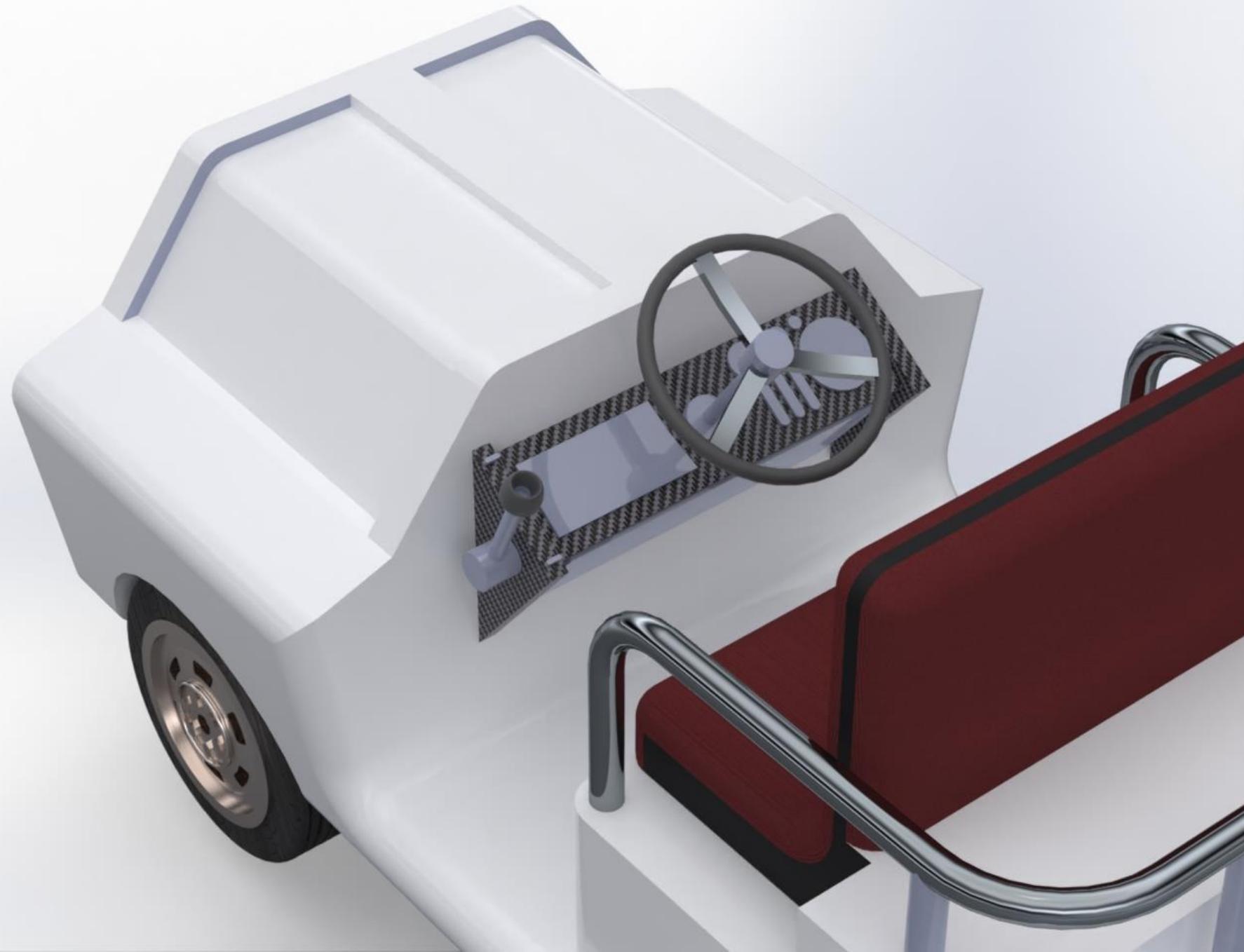


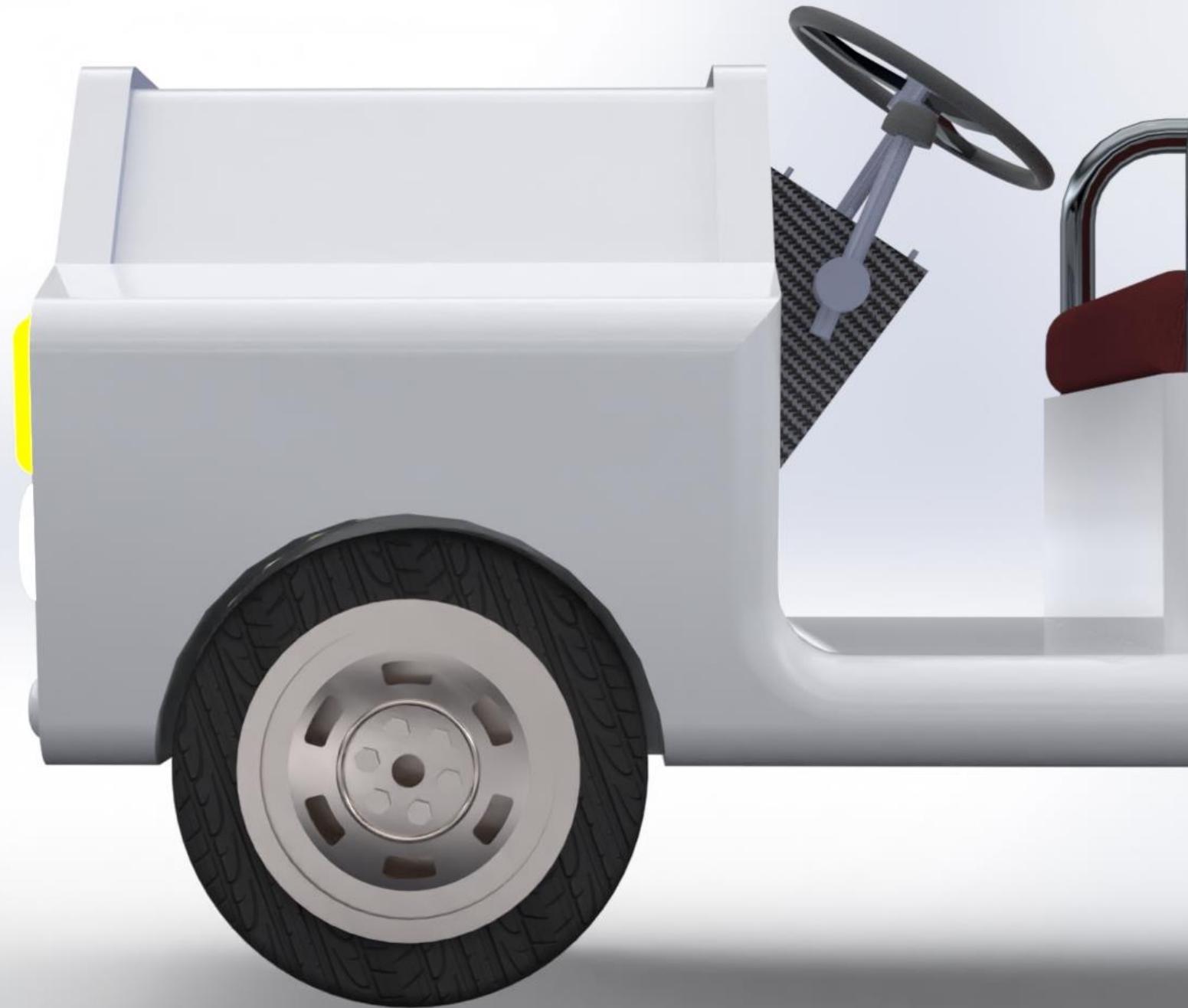






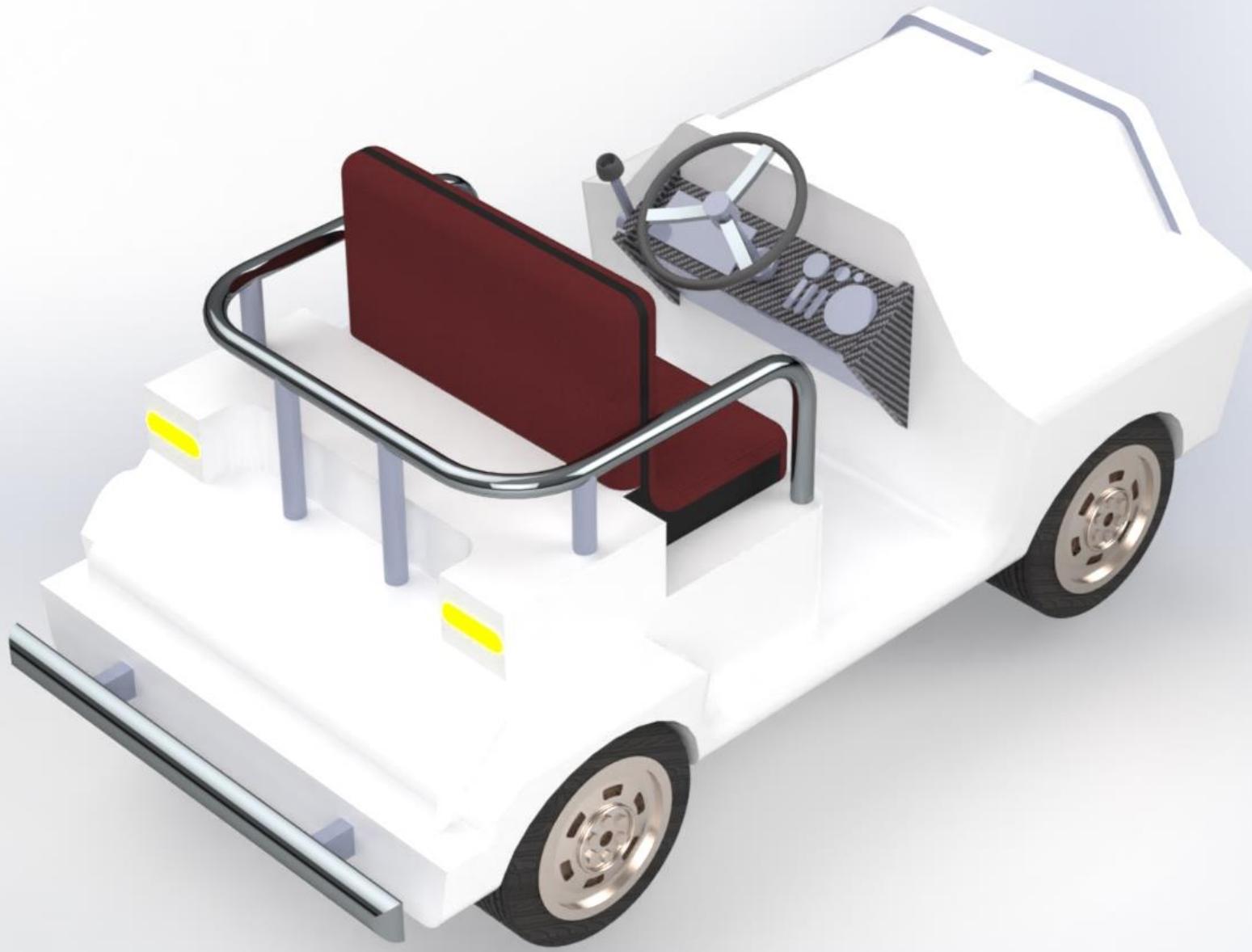










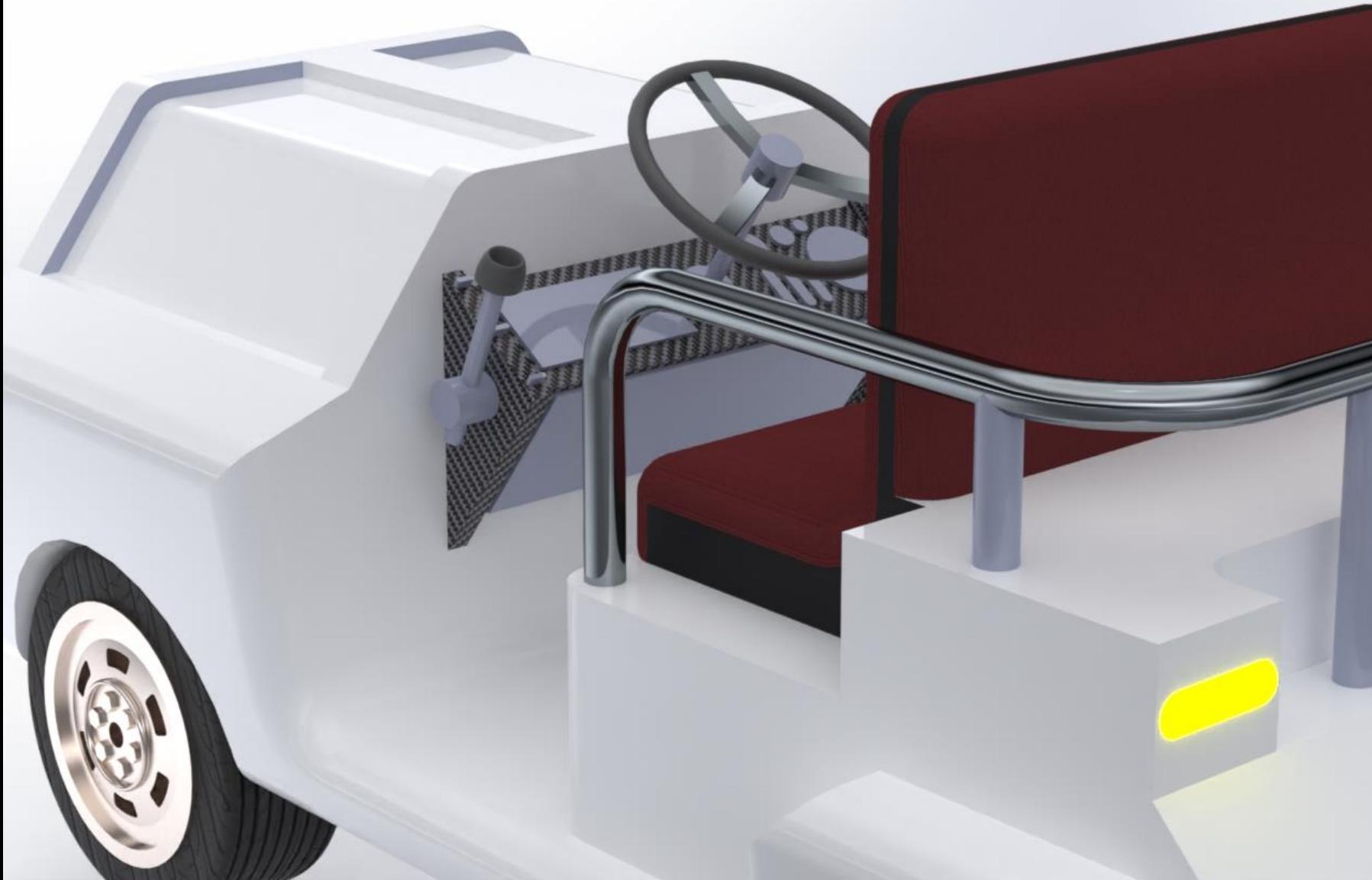


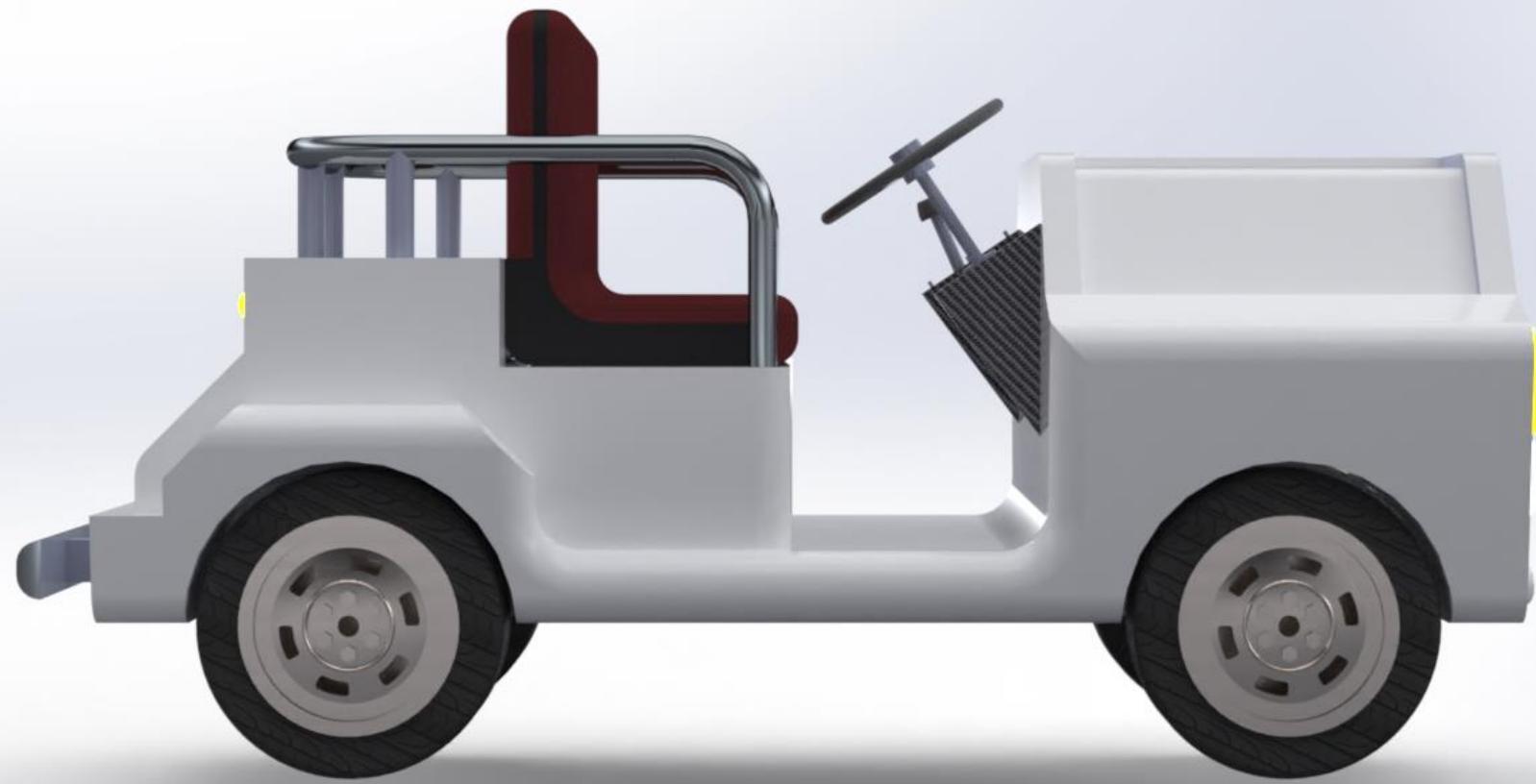


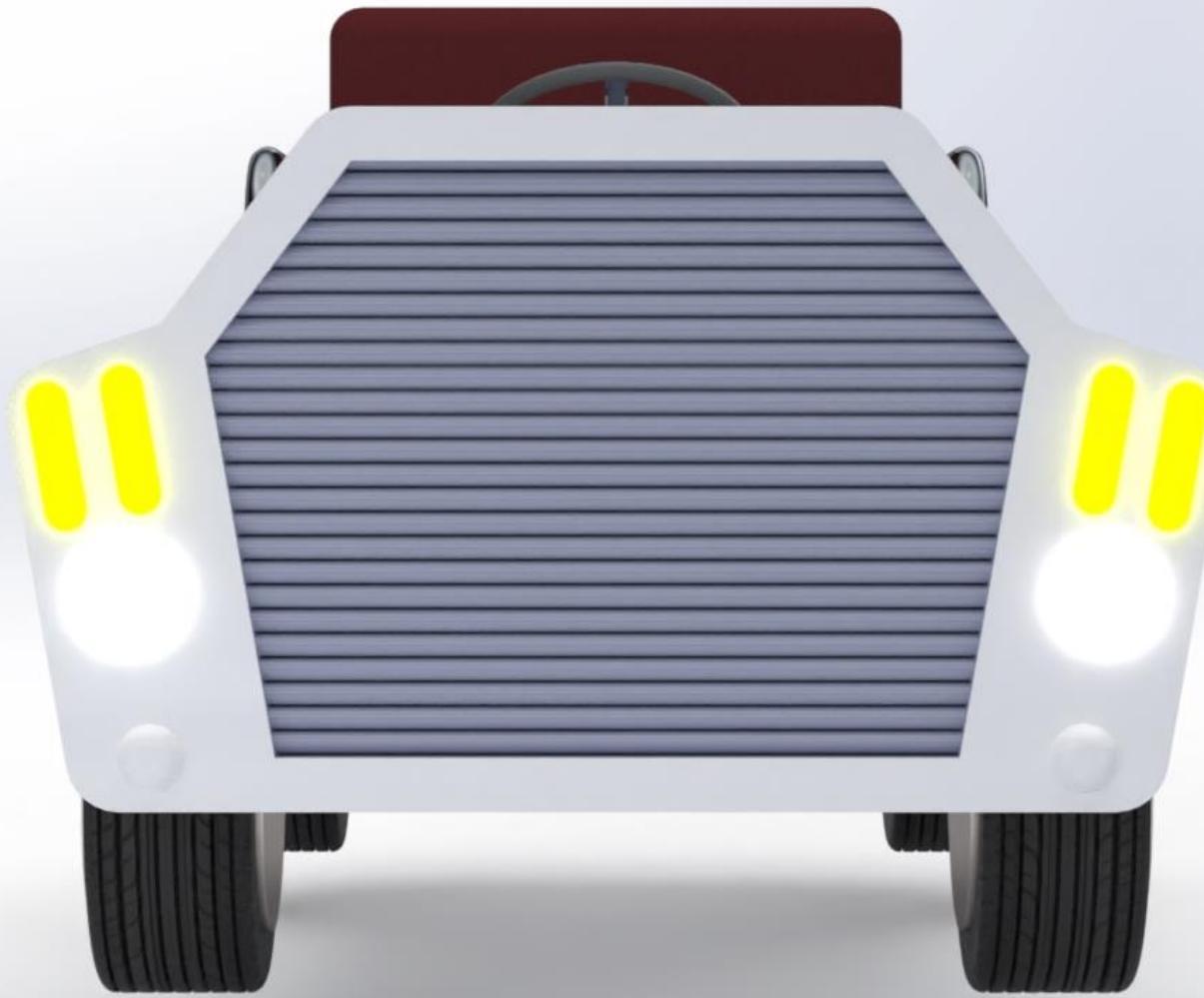


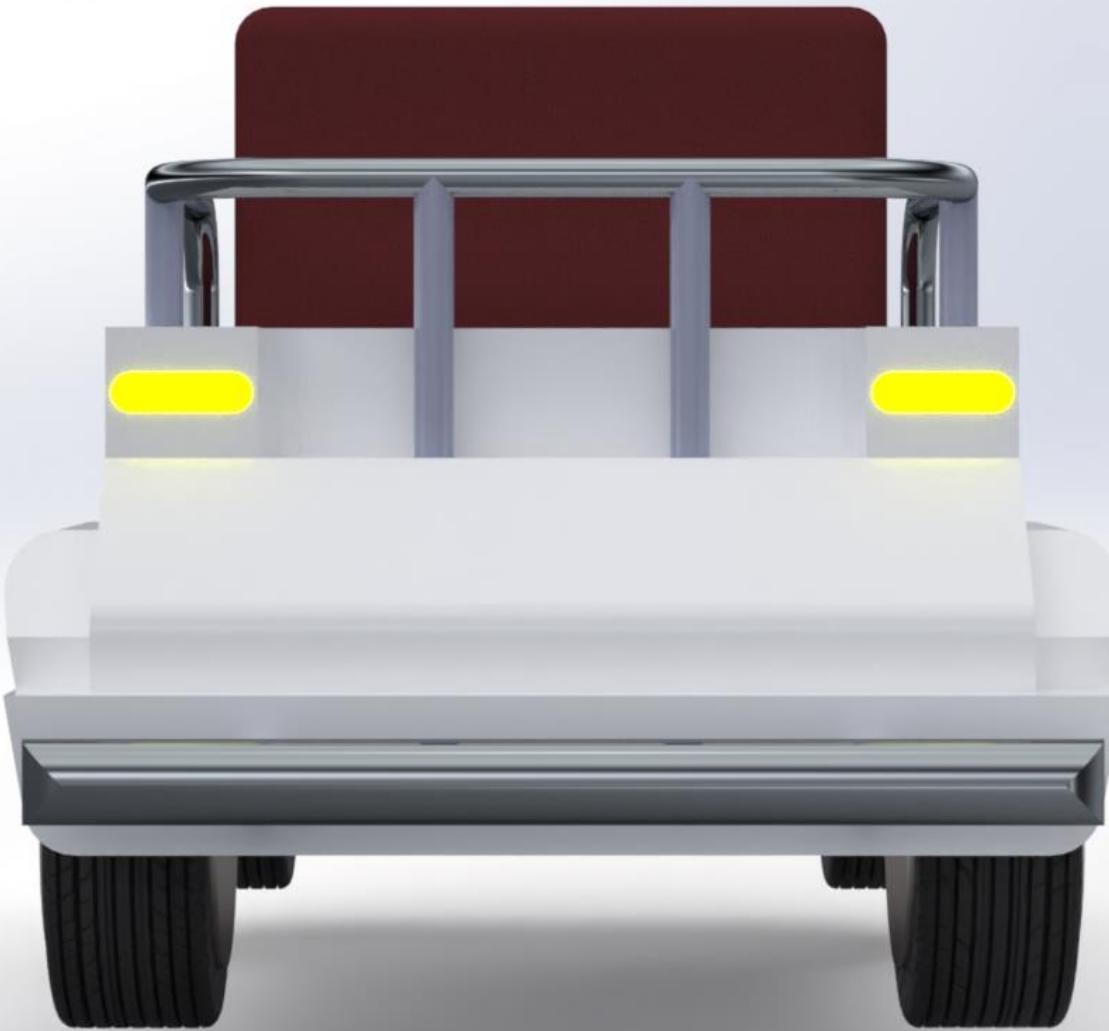




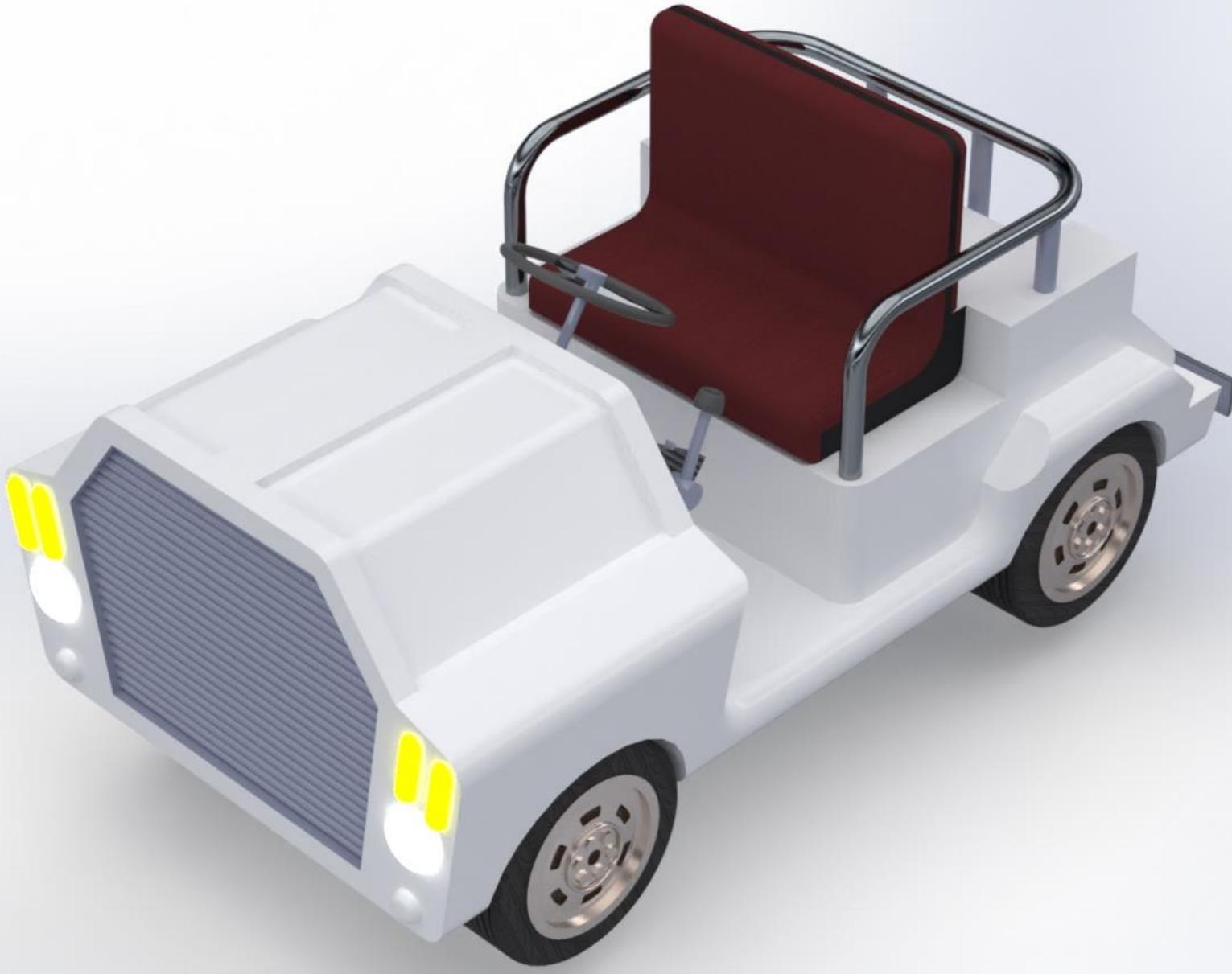


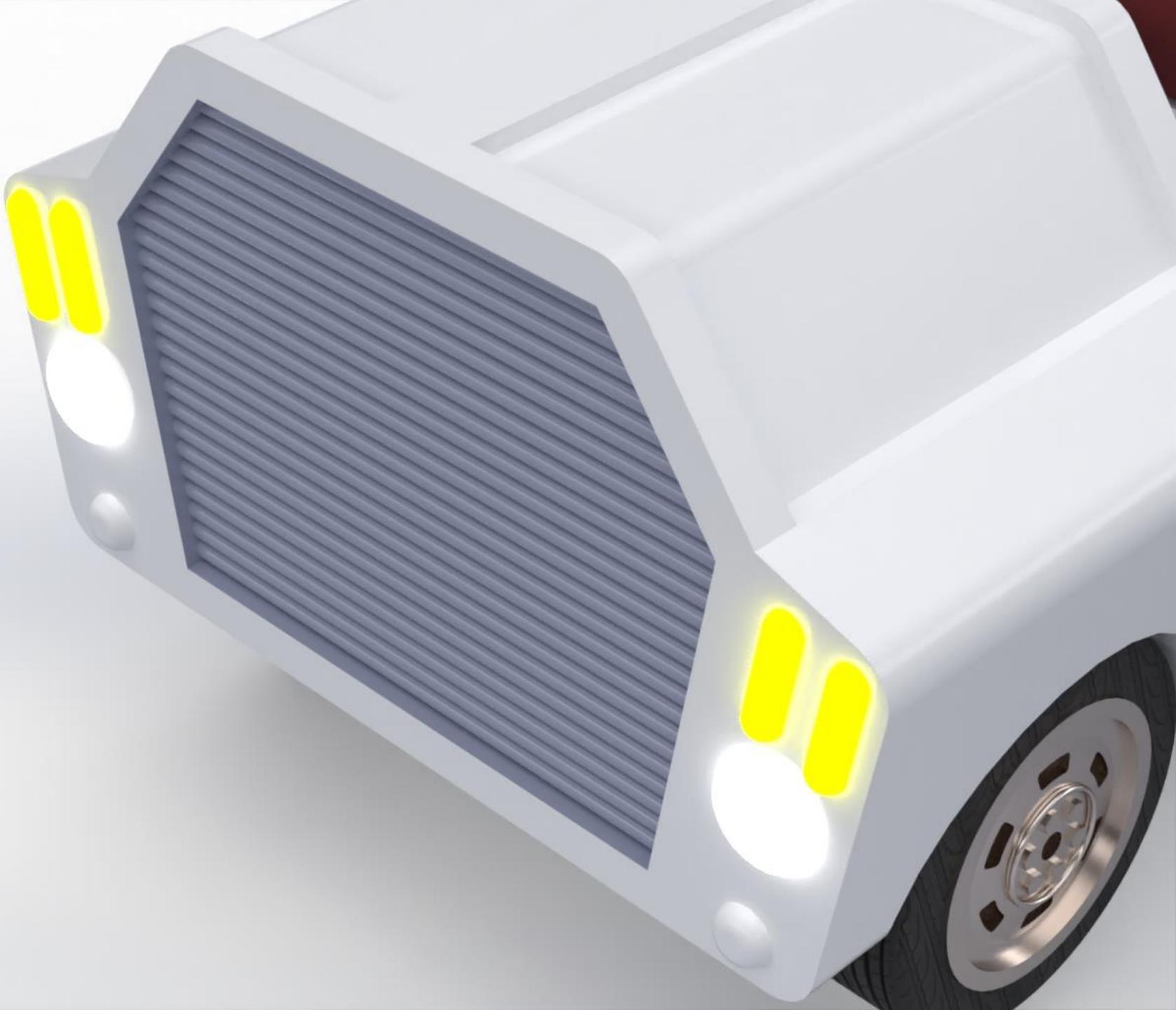












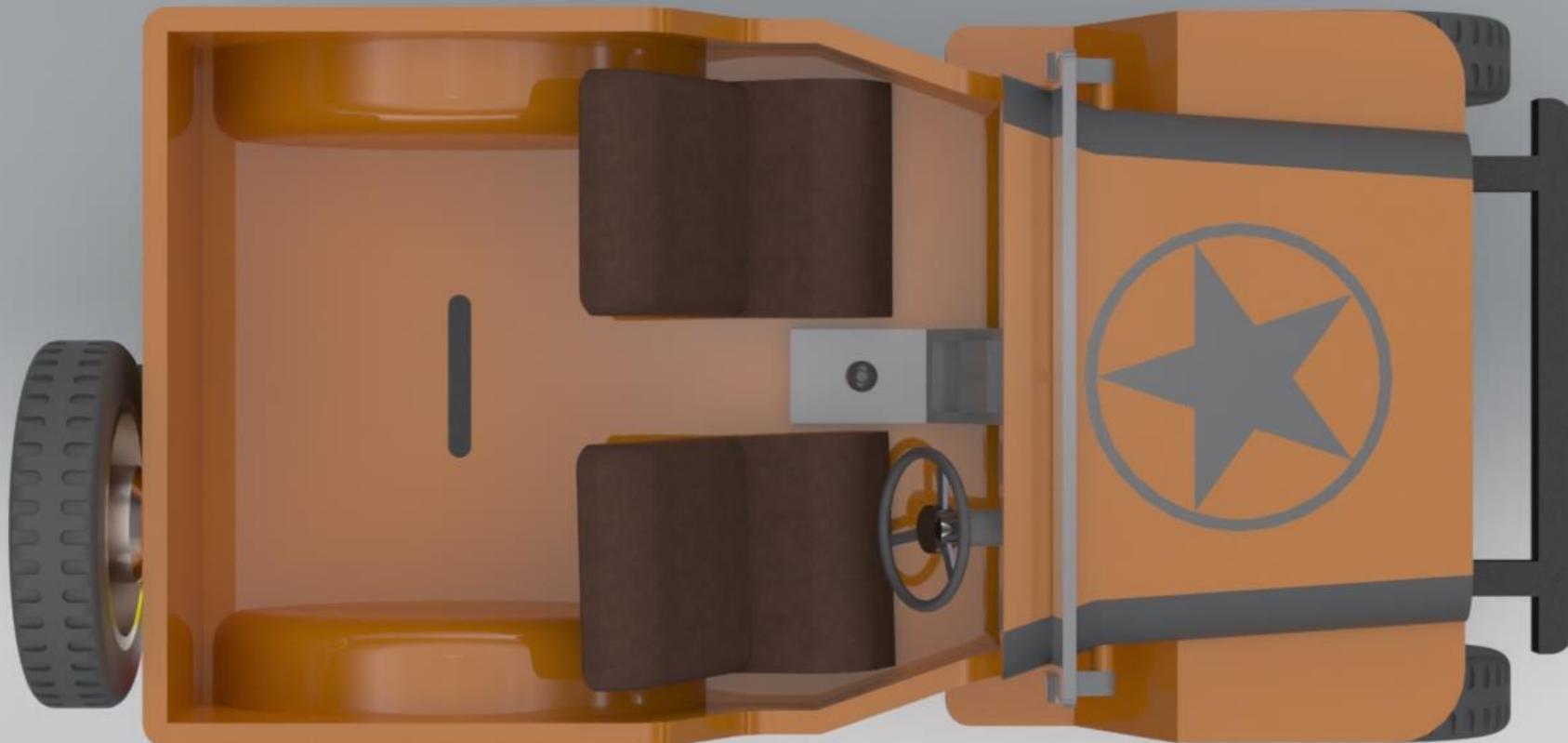






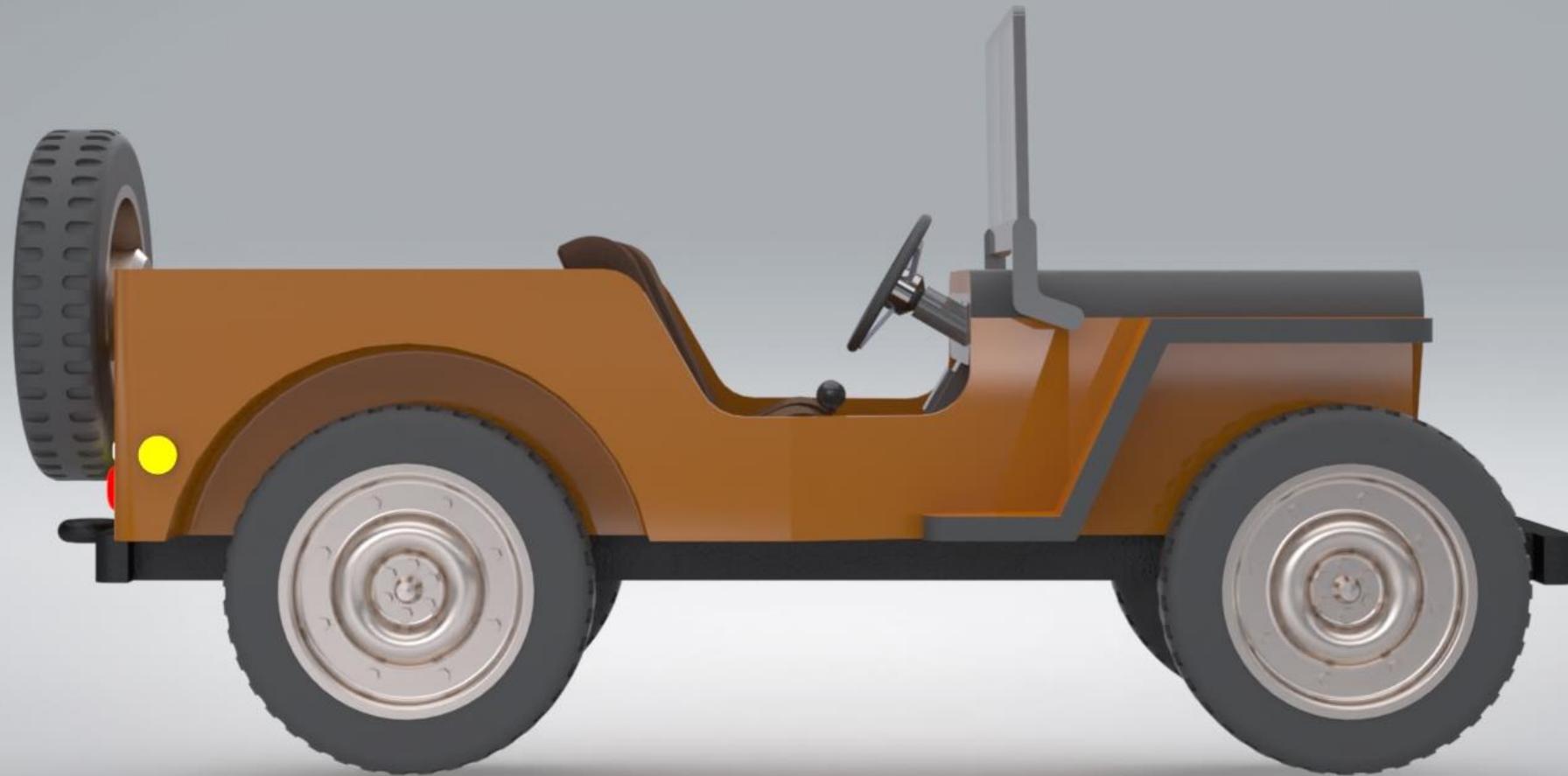


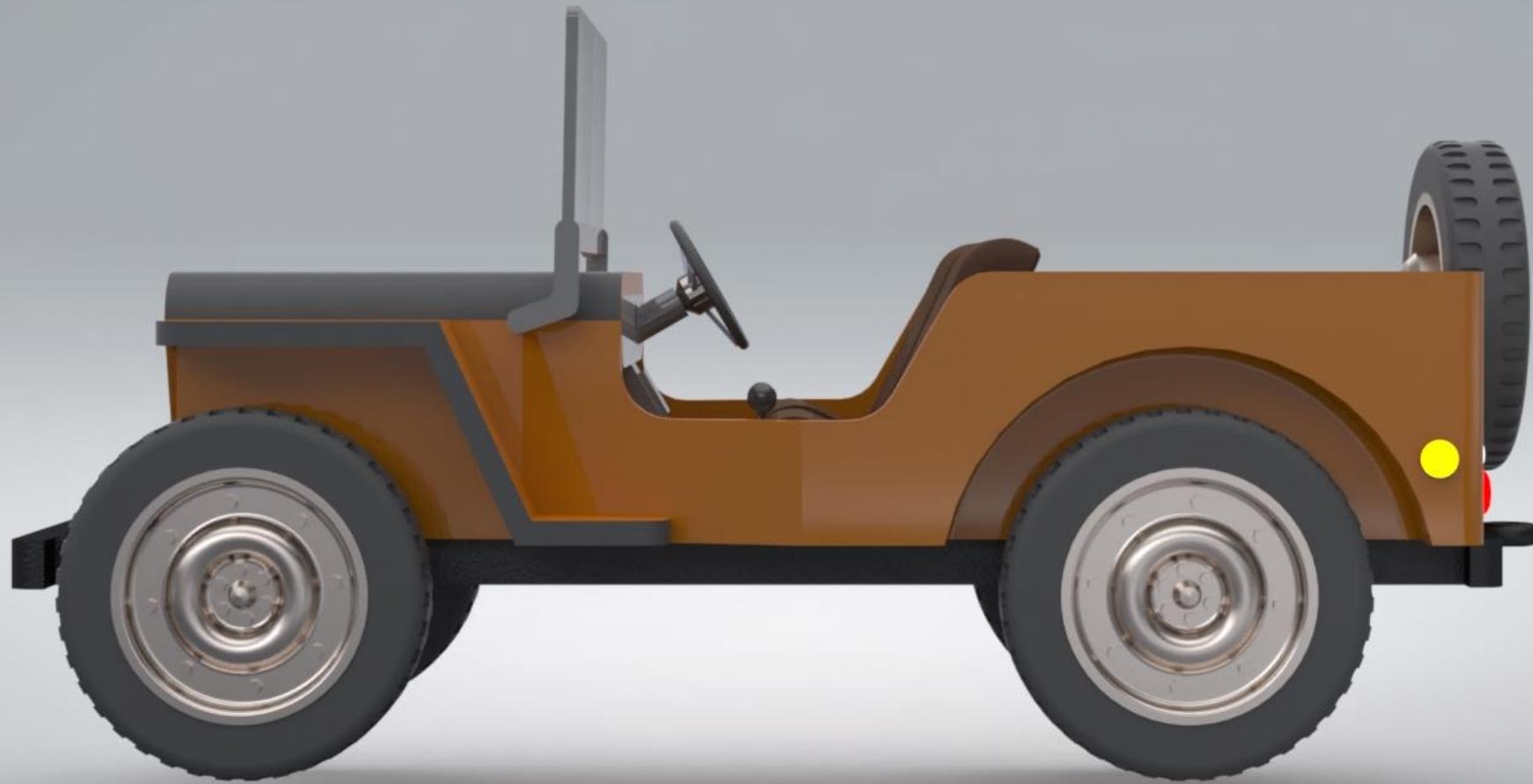






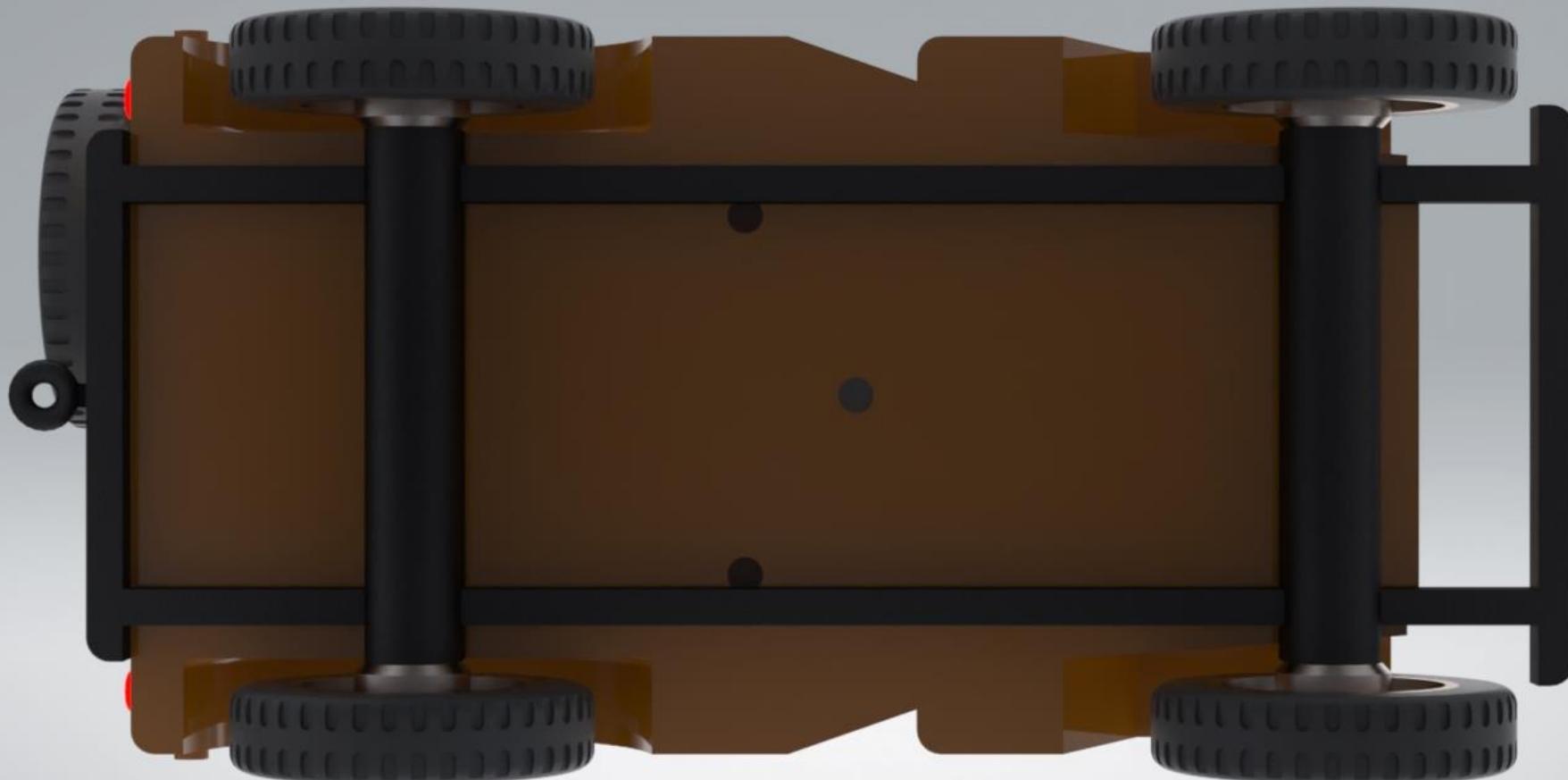








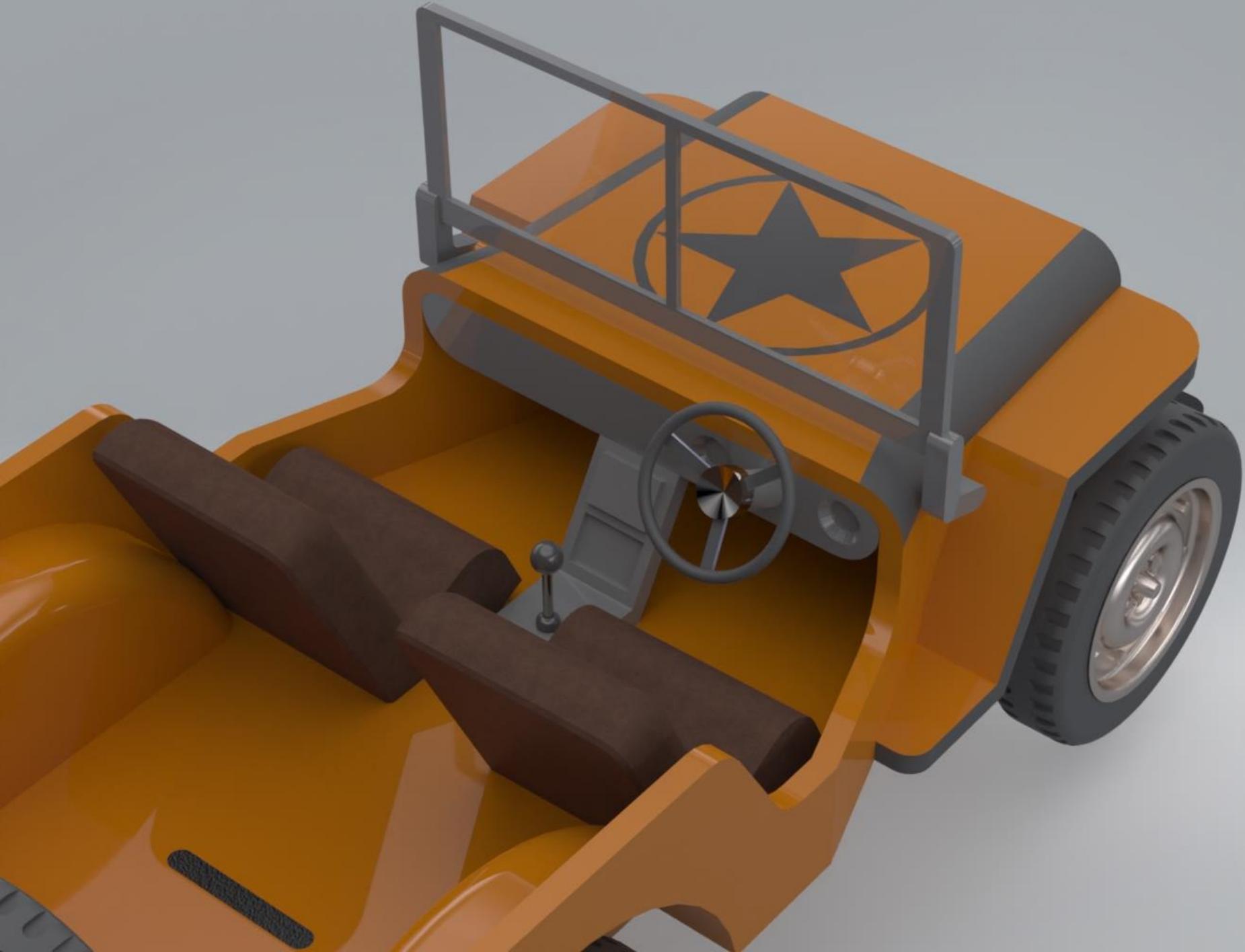






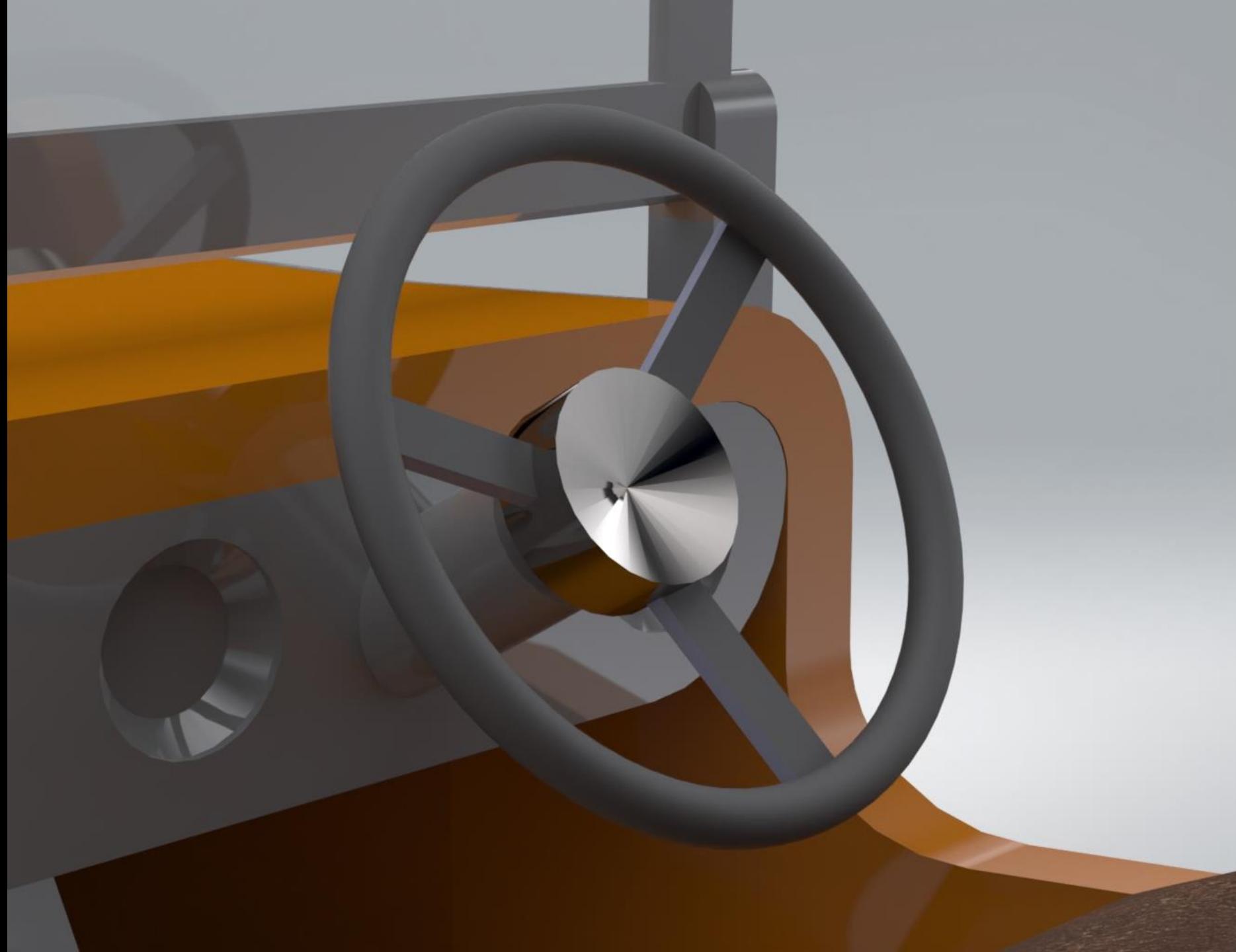




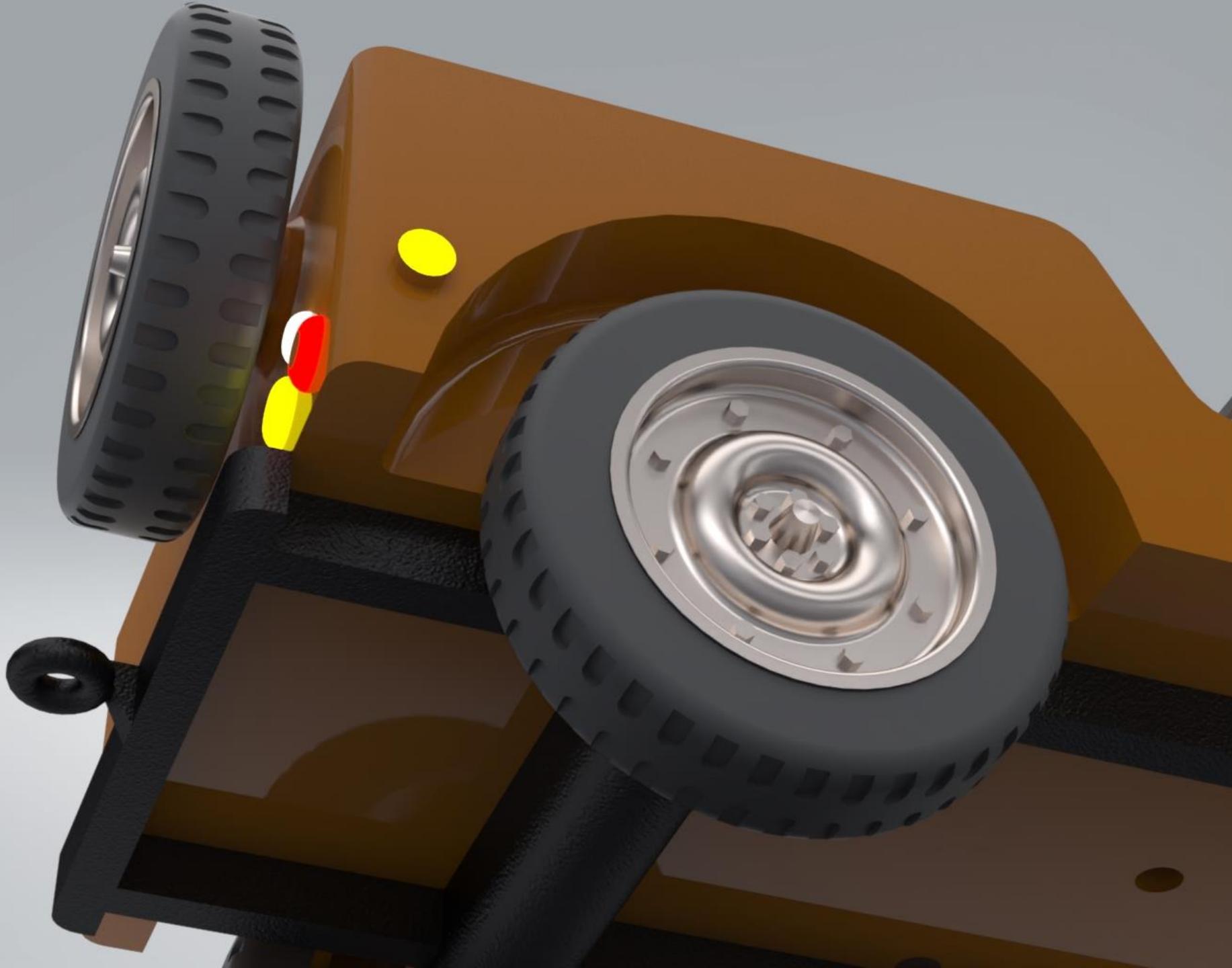




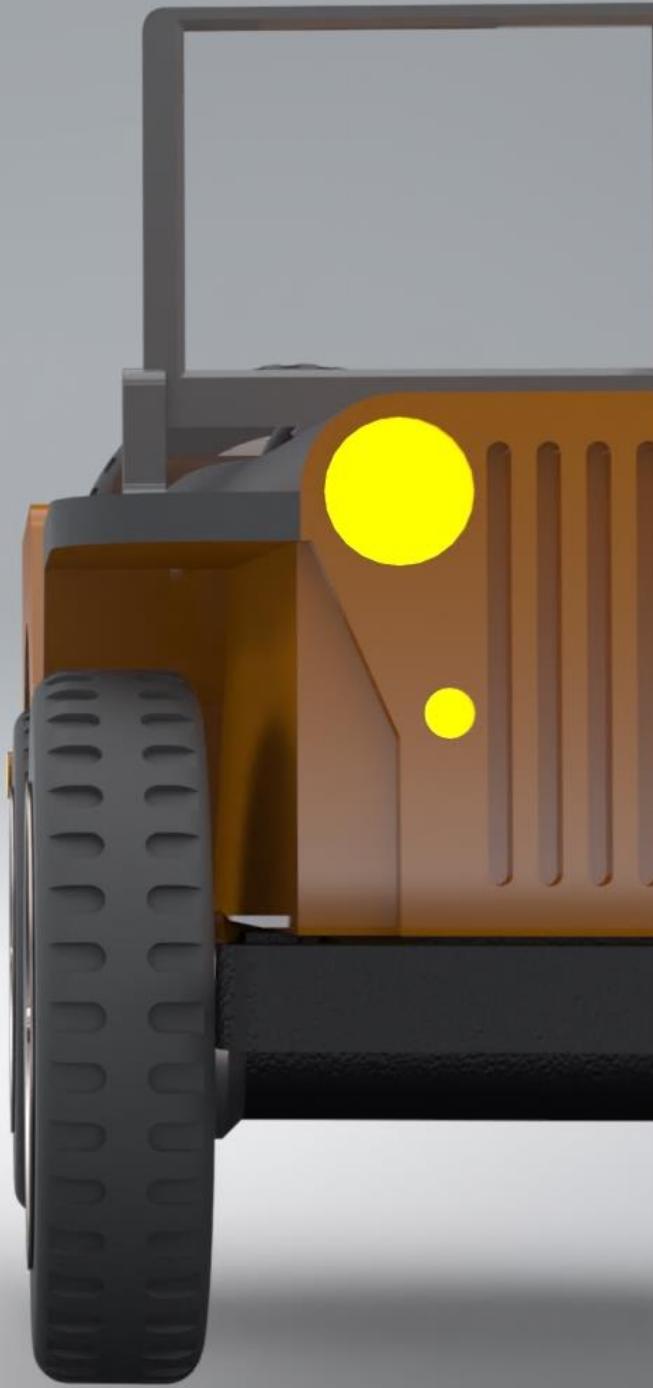


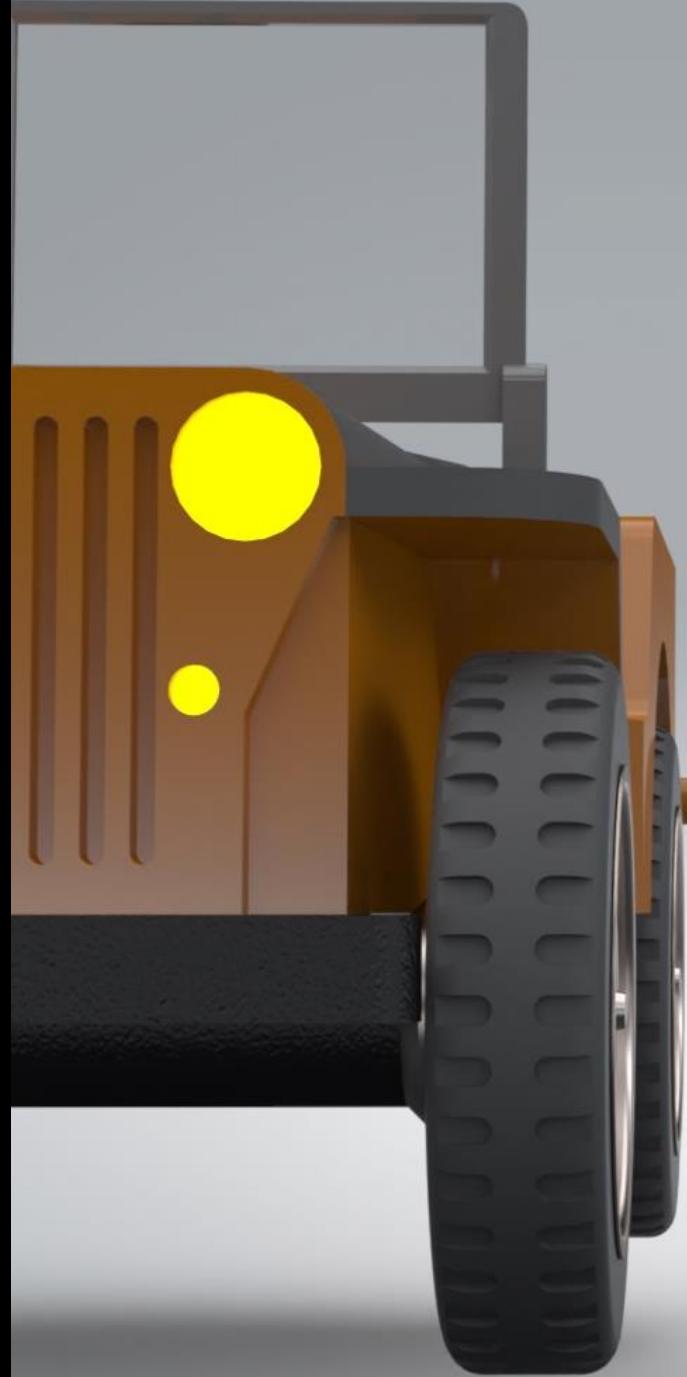














SOLIDWORKS File Edit View Insert Tools Window Help Export to 2D PDF Export to 3D PDF QualityXpert Export to Excel Export eDrawing Net-Inspect Export to SOLIDWORKS Inspection Project

ASSEMBLED JEEP ALL FIXED IN MMGS *

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add/Edit Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Inspection Methods Edit Operations Vendors

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

ASSEMBLED JEEP ALL FIXED IN MMGS

History Sensors Annotations

Front Plane Top Plane Right Plane Origin

(f) JEEP IN MMGG UNITS P1<2> (Default)

JEEP chassis in mm P2<2> (Default)

(-) AXLE ROD IN MM P3<2> (Default)

AXLE ROD IN MM P3<3> (Default)

(-) TYRE IN MM P5<2> (Default<<

(-) WHEEL IN MM P5<2> (Default<<

(-) WHEEL IN MM P5<3> (Default<<

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(-) TYRE IN MM P5<6> (Default<<

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(-) HEAD LIGHT IN MM<1> (Default)

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(-) WINDSHIELD IN MM P6<3> (Default)

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SEAT IN MM<1> (Default<<Defau

SEAT IN MM<2> (Default<<Defau

Mates

X Y Z

Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

SOLIDWORKS Premium 2019 SP4.0 Under Defined Editing Assembly MMGS 68% 9:42 PM 11/17/2019

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ASSEMBLED JEEP ALL FIXED IN MMGS

History Sensors Annotations Front Plane Top Plane Right Plane Origin

(f) JEEP IN MMGG UNITS P1<2> (Default)

JEEP chassis in mm P2<2> (Default)

(-) AXLE ROD IN MM P3<2> (Default)

(-) AXLE ROD IN MM P3<3> (Default)

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SEAT IN MM<1> (Default)

SEAT IN MM<2> (Default)

Mates

Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

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ASSEMBLED JEEP ALL FIXED IN MMGS *

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add/Edit Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Edit Inspection Methods Edit Operations Edit Vendors

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

ASSEMBLED JEEP ALL FIXED IN MMGS

History Sensors Annotations Front Plane Top Plane Right Plane Origin

(f) JEEP IN MMGG UNITS P1<2> (Default)

JEEP chassis in mm P2<2> (Default)

(-) AXLE ROD IN MM P3<2> (Default)

AXLE ROD IN MM P3<3> (Default)

(-) TYRE IN MM P5<2> (Default)

(-) WHEEL IN MM P5<2> (Default)

(-) WHEEL IN MM P5<3> (Default)

(-) TYRE IN MM P5<4> (Default)

(-) WHEEL IN MM P5<4> (Default)

(-) TYRE IN MM P5<5> (Default)

(-) WHEEL IN MM P5<5> (Default)

(-) TYRE IN MM P5<6> (Default)

(-) WHEEL IN MM P5<6> (Default)

(-) TYRE IN MM P5<7> (Default)

(-) HEAD LIGHT IN MM<1> (Default)

(-) HEAD LIGHT IN MM<4> (Default)

(-) WINDSHIELD IN MM P6<3> (Default)

DASHBOARD IN MM<6> (Default)

(-) STEERING WHEEL IN MM<1> (Default)

SEAT IN MM<1> (Default)

SEAT IN MM<2> (Default)

Mates

Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

SOLIDWORKS Premium 2019 SP4.0 Under Defined Editing Assembly MMGS 9:43 PM 67% 11/17/2019

SOLIDWORKS File Edit View Insert Tools Window Help ASSEMBLED JEEP ALL FIXED IN MMGS *

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Edit Inspection Methods Edit Operations Edit Vendors Export to 2D PDF Export to 3D PDF QualityXpert Export to Excel Export eDrawing Net-Inspect Export to SOLIDWORKS Inspection Project

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

ASSEMBLED JEEP ALL FIXED IN MMGS (Default<Display State-1>)
Sensors
Annotations
Front Plane
Top Plane
Right Plane
Origin
(f) JEEP IN MMGG UNITS P1<2> (Default)
JEEP chassis in mm P2<2> (Default)
(-) AXLE ROD IN MM P3<2> (Default)
AXLE ROD IN MM P3<3> (Default)
(-) TYRE IN MM P5<2> (Default)<<
(-) WHEEL IN MM P5<2> (Default)<<
(-) WHEEL IN MM P5<3> (Default)<<
(-) TYRE IN MM P5<4> (Default)<<
(-) WHEEL IN MM P5<4> (Default)<<
(-) TYRE IN MM P5<5> (Default)<<
(-) WHEEL IN MM P5<5> (Default)<<
(-) TYRE IN MM P5<6> (Default)<<
(-) WHEEL IN MM P5<6> (Default)<<
(-) TYRE IN MM P5<7> (Default)<<
(-) HEAD LIGHT IN MM<1> (Default)
(-) HEAD LIGHT IN MM<4> (Default)
(-) WINDSHIELD IN MM P6<3> (Default)
DASHBOARD IN MM<6> (Default)
(-) STEERING WHEEL IN MM<1> (Default)
SEAT IN MM<1> (Default)<<Default
SEAT IN MM<2> (Default)<<Default
Mates

Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4
Select a plane, a planar, cylindrical, or conical face, or a feature that contains a single sketch or hit Esc to insert the ... Length: 240mm Under Defined Editing Assembly MMGS 67% 9:44 PM 11/17/2019

SOLIDWORKS File Edit View Insert Tools Window Help ASSEMBLED JEEP ALL FIXED IN MMGS *

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Edit Inspection Methods Edit Operations Edit Vendors Export to 2D PDF Export to 3D PDF QualityXpert Export to Excel Export eDrawing Net-Inspect Export to SOLIDWORKS Inspection Project

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

ASSEMBLED JEEP ALL FIXED IN MMGS

- History
- Sensors
- Annotations
 - Front Plane
 - Top Plane
 - Right Plane
 - Origin
- (f) JEEP IN MMGG UNITS P1<2> (Default)
- JEEP chassis in mm P2<2> (Default)
- (-) AXLE ROD IN MM P3<2> (Default)
- AXLE ROD IN MM P3<3> (Default)
- (-) TYRE IN MM P5<2> (Default)
- (-) WHEEL IN MM P5<2> (Default)
- (-) WHEEL IN MM P5<3> (Default)
- (-) TYRE IN MM P5<4> (Default)
- (-) WHEEL IN MM P5<4> (Default)
- (-) TYRE IN MM P5<5> (Default)
- (-) WHEEL IN MM P5<5> (Default)
- (-) TYRE IN MM P5<6> (Default)
- (-) WHEEL IN MM P5<6> (Default)
- (-) TYRE IN MM P5<7> (Default)
- (-) HEAD LIGHT IN MM<1> (Default)
- (-) HEAD LIGHT IN MM<4> (Default)
- (-) WINDSHIELD IN MM P6<3> (Default)
- DASHBOARD IN MM<6> (Default)
- (-) STEERING WHEEL IN MM<1> (Default)
- SEAT IN MM<1> (Default)
- SEAT IN MM<2> (Default)
- Mates

Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

SOLIDWORKS Premium 2019 SP4.0 Under Defined Editing Assembly MMGS

SOLIDWORKS File Edit View Insert Tools Window Help ASSEMBLED JEEP ALL FIXED IN MMGS *

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Edit Inspection Methods Edit Operations Edit Vendors Export to 2D PDF Export to 3D PDF QualityXpert Export to Excel Export eDrawing Net-Inspect Export to SOLIDWORKS Inspection Project

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

ASSEMBLED JEEP ALL FIXED IN MMGS
History
Sensors
Annotations
Front Plane
Top Plane
Right Plane
Origin
(f) JEEP IN MMGG UNITS P1<2> (Default)
JEEP chassis in mm P2<2> (Default)
(-) AXLE ROD IN MM P3<2> (Default)
AXLE ROD IN MM P3<3> (Default)
(-) TYRE IN MM P5<2> (Default)<<
(-) WHEEL IN MM P5<2> (Default)<<
(-) WHEEL IN MM P5<3> (Default)<<
(-) TYRE IN MM P5<4> (Default)<<
(-) WHEEL IN MM P5<4> (Default)<<
(-) TYRE IN MM P5<5> (Default)<<
(-) WHEEL IN MM P5<5> (Default)<<
(-) TYRE IN MM P5<6> (Default)<<
(-) WHEEL IN MM P5<6> (Default)<<
(-) TYRE IN MM P5<7> (Default)<<
(-) HEAD LIGHT IN MM<1> (Default)
(-) HEAD LIGHT IN MM<4> (Default)
(-) WINDSHIELD IN MM P6<3> (Default)
DASHBOARD IN MM<6> (Default)
(-) STEERING WHEEL IN MM<1> (Default)
SEAT IN MM<1> (Default)<<Default
SEAT IN MM<2> (Default)<<Default
Mates

Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

SOLIDWORKS Premium 2019 SP4.0 Under Defined Editing Assembly MMGS

SOLIDWORKS File Edit View Insert Tools Window Help Export to 2D PDF Export to 3D PDF QualityXpert Export to Excel Export eDrawing Net-Inspect Export to SOLIDWORKS Inspection Project

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

ASSEMBLED JEEP ALL FIXED IN MMGS *

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Edit Inspection Methods Edit Operations Edit Vendors

ASSEMBLED JEEP ALL FIXED IN MMGS

- History
- Sensors
- Annotations
 - Front Plane
 - Top Plane
 - Right Plane
 - Origin
- (f) JEEP IN MMGG UNITS P1<2> (Default)
- JEEP chassis in mm P2<2> (Default)
- (-) AXLE ROD IN MM P3<2> (Default)
- AXLE ROD IN MM P3<3> (Default)
- (-) TYRE IN MM P5<2> (Default)
- (-) WHEEL IN MM P5<2> (Default)
- (-) WHEEL IN MM P5<3> (Default)
- (-) TYRE IN MM P5<4> (Default)
- (-) WHEEL IN MM P5<4> (Default)
- (-) TYRE IN MM P5<5> (Default)
- (-) WHEEL IN MM P5<5> (Default)
- (-) TYRE IN MM P5<6> (Default)
- (-) WHEEL IN MM P5<6> (Default)
- (-) TYRE IN MM P5<7> (Default)
- (-) HEAD LIGHT IN MM<1> (Default)
- (-) HEAD LIGHT IN MM<4> (Default)
- (-) WINDSHIELD IN MM P6<3> (Default)
- DASHBOARD IN MM<6> (Default)
- (-) STEERING WHEEL IN MM<1> (Default)
- SEAT IN MM<1> (Default)
- SEAT IN MM<2> (Default)
- Mates

Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

SOLIDWORKS File Edit View Insert Tools Window Help ASSEMBLED JEEP ALL FIXED IN MMGS *

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Edit Inspection Methods Edit Operations Edit Vendors Export to 2D PDF Export to 3D PDF QualityXpert Export to Excel Export eDrawing Net-Inspect Export to SOLIDWORKS Inspection Project

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

ASSEMBLED JEEP ALL FIXED IN MMGS
History Sensors Annotations Front Plane Top Plane Right Plane Origin
(f) JEEP IN MMGG UNITS P1<2> (Default)
JEEP chassis in mm P2<2> (Default)
(-) AXLE ROD IN MM P3<2> (Default)
AXLE ROD IN MM P3<3> (Default)
(-) TYRE IN MM P5<2> (Default)<<
(-) WHEEL IN MM P5<2> (Default)<<
(-) WHEEL IN MM P5<3> (Default)<<
(-) TYRE IN MM P5<4> (Default)<<
(-) WHEEL IN MM P5<4> (Default)<<
(-) TYRE IN MM P5<5> (Default)<<
(-) WHEEL IN MM P5<5> (Default)<<
(-) TYRE IN MM P5<6> (Default)<<
(-) WHEEL IN MM P5<6> (Default)<<
(-) TYRE IN MM P5<7> (Default)<<
(-) HEAD LIGHT IN MM<1> (Default)
(-) HEAD LIGHT IN MM<4> (Default)
(-) WINDSHIELD IN MM P6<3> (Default)
DASHBOARD IN MM<6> (Default)
(-) STEERING WHEEL IN MM<1> (Default)
SEAT IN MM<1> (Default)<<Default
SEAT IN MM<2> (Default)<<Default
Mates

Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

SOLIDWORKS

File Edit View Insert Tools Window Help ?

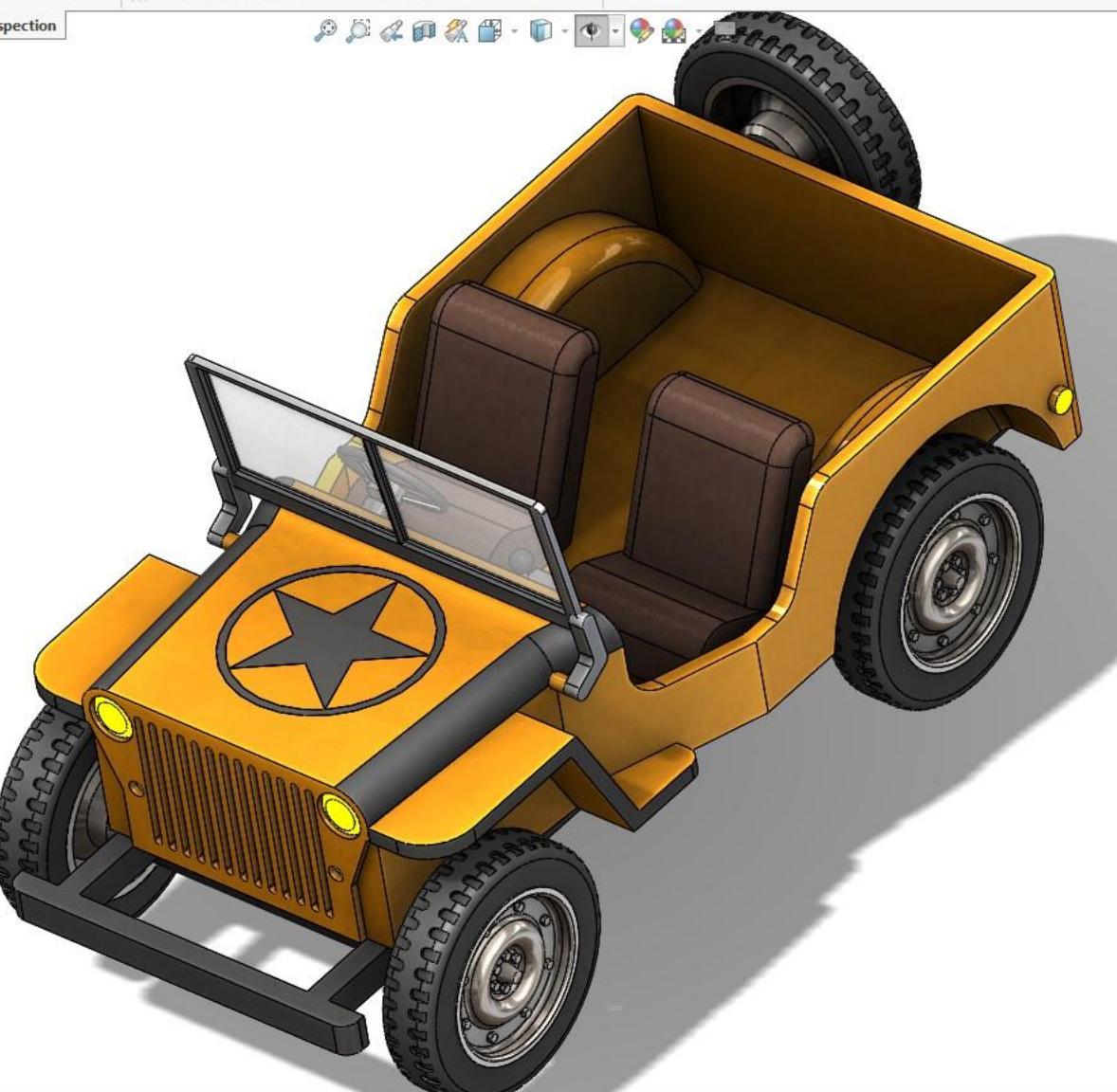
ASSEMBLED JEEP ALL FIXED IN MMGS *

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Edit Inspection Methods Edit Operations Edit Vendors Export to 2D PDF Export to 3D PDF QualityXpert Export to Excel Export eDrawing Net-Inspect Export to SOLIDWORKS Inspection Project

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

ASSEMBLED JEEP ALL FIXED IN MMGS

- History
- Sensors
- Annotations
 - Front Plane
 - Top Plane
 - Right Plane
 - Origin
- (f) JEEP IN MMGG UNITS P1<2> (Default)
- JEEP chassis in mm P2<2> (Default)
- (-) AXLE ROD IN MM P3<2> (Default)
- AXLE ROD IN MM P3<3> (Default)
- (-) TYRE IN MM P5<2> (Default)
- (-) WHEEL IN MM P5<2> (Default)
- (-) WHEEL IN MM P5<3> (Default)
- (-) TYRE IN MM P5<4> (Default)
- (-) WHEEL IN MM P5<4> (Default)
- (-) TYRE IN MM P5<5> (Default)
- (-) WHEEL IN MM P5<5> (Default)
- (-) TYRE IN MM P5<6> (Default)
- (-) WHEEL IN MM P5<6> (Default)
- (-) TYRE IN MM P5<7> (Default)
- (-) HEAD LIGHT IN MM<1> (Default)
- (-) HEAD LIGHT IN MM<4> (Default)
- (-) WINDSHIELD IN MM P6<3> (Default)
- DASHBOARD IN MM<6> (Default)
- (-) STEERING WHEEL IN MM<1> (Default)
- SEAT IN MM<1> (Default)
- SEAT IN MM<2> (Default)
- Mates



Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

SOLIDWORKS File Edit View Insert Tools Window Help ASSEMBLED JEEP ALL FIXED IN MMGS * Search Commands

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Edit Inspection Methods Edit Operations Edit Vendors Export to 2D PDF Export to 3D PDF QualityXpert Export to Excel Export eDrawing Net-Inspect Export to SOLIDWORKS Inspection Project

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

ASSEMBLED JEEP ALL FIXED IN MMGS History Sensors Annotations Front Plane Top Plane Right Plane Origin (f) JEEP IN MMGG UNITS P1<2> (Default) JEEP chassis in mm P2<2> (Default) (-) AXLE ROD IN MM P3<2> (Default) AXLE ROD IN MM P3<3> (Default) (-) TYRE IN MM P5<2> (Default) (-) WHEEL IN MM P5<2> (Default) (-) WHEEL IN MM P5<3> (Default) (-) TYRE IN MM P5<4> (Default) (-) WHEEL IN MM P5<4> (Default) (-) TYRE IN MM P5<5> (Default) (-) WHEEL IN MM P5<5> (Default) (-) TYRE IN MM P5<6> (Default) (-) WHEEL IN MM P5<6> (Default) (-) TYRE IN MM P5<7> (Default) (-) HEAD LIGHT IN MM<1> (Default) (-) HEAD LIGHT IN MM<4> (Default) (-) WINDSHIELD IN MM P6<3> (Default) DASHBOARD IN MM<6> (Default) (-) STEERING WHEEL IN MM<1> (Default) SEAT IN MM<1> (Default) SEAT IN MM<2> (Default)

Mates

Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

SOLIDWORKS Premium 2019 SP4.0 Under Defined Editing Assembly MMGS 63% 9:47 PM 11/17/2019



SOLIDWORKS File Edit View Insert Tools Window Help ASSEMBLED JEEP ALL FIXED IN MMGS * Search Commands

New Inspection Project Edit Inspection Project Create New template Add Characteristic Add Balloons Remove Balloons Select Balloons Update Inspection Project Launch Template Editor Edit Inspection Methods Edit Operations Edit Vendors Export to 2D PDF Export to 3D PDF QualityXpert Export to Excel Export eDrawing Net-Inspect Export to SOLIDWORKS Inspection Project

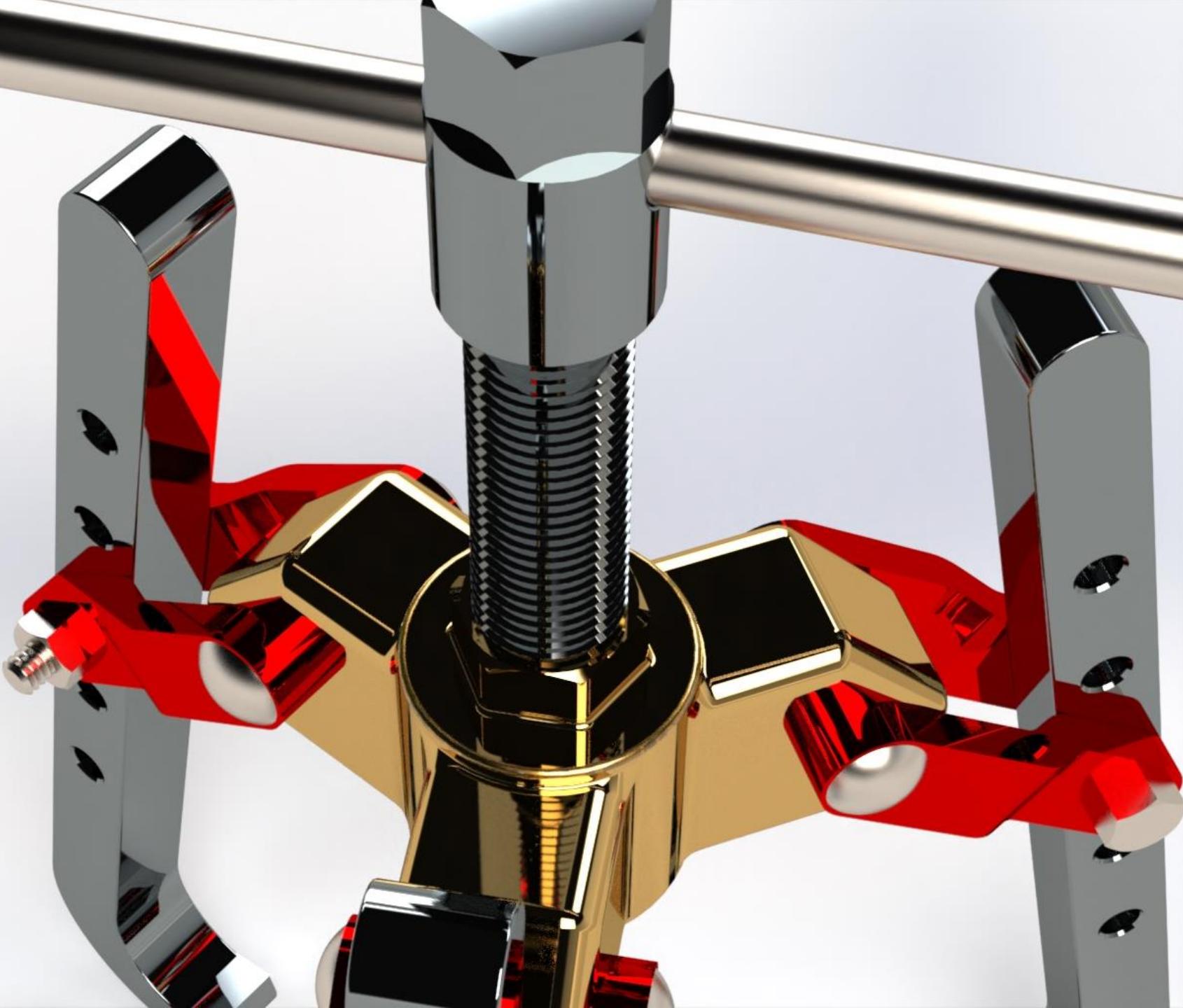
Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

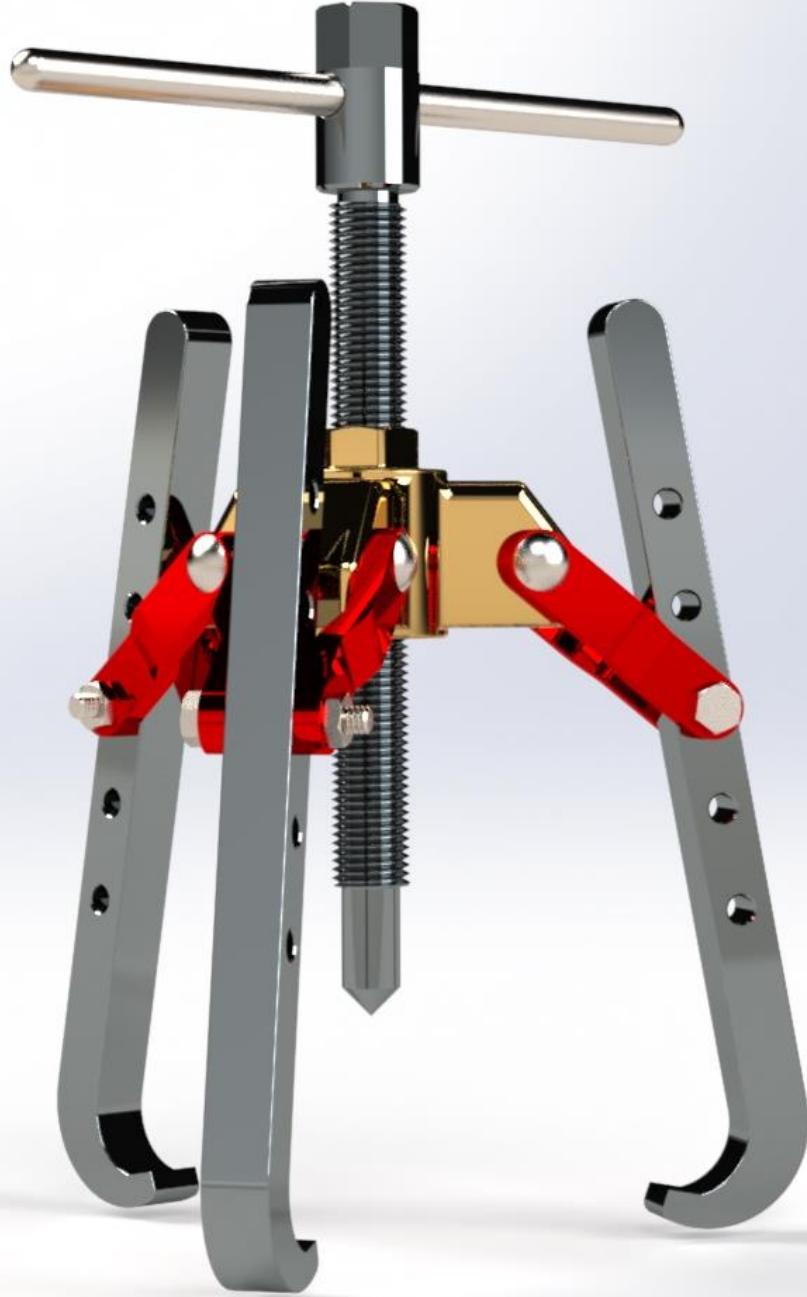
ASSEMBLED JEEP ALL FIXED IN MMGS History Sensors Annotations Front Plane Top Plane Right Plane Origin (f) JEEP IN MMGG UNITS P1<2> (Default) JEEP chassis in mm P2<2> (Default) (-) AXLE ROD IN MM P3<2> (Default) AXLE ROD IN MM P3<3> (Default) (-) TYRE IN MM P5<2> (Default) (-) WHEEL IN MM P5<2> (Default) (-) WHEEL IN MM P5<3> (Default) (-) TYRE IN MM P5<4> (Default) (-) WHEEL IN MM P5<4> (Default) (-) TYRE IN MM P5<5> (Default) (-) WHEEL IN MM P5<5> (Default) (-) TYRE IN MM P5<6> (Default) (-) WHEEL IN MM P5<6> (Default) (-) TYRE IN MM P5<7> (Default) (-) HEAD LIGHT IN MM<1> (Default) (-) HEAD LIGHT IN MM<4> (Default) (-) WINDSHIELD IN MM P6<3> (Default) DASHBOARD IN MM<6> (Default) (-) STEERING WHEEL IN MM<1> (Default) SEAT IN MM<1> (Default) SEAT IN MM<2> (Default)

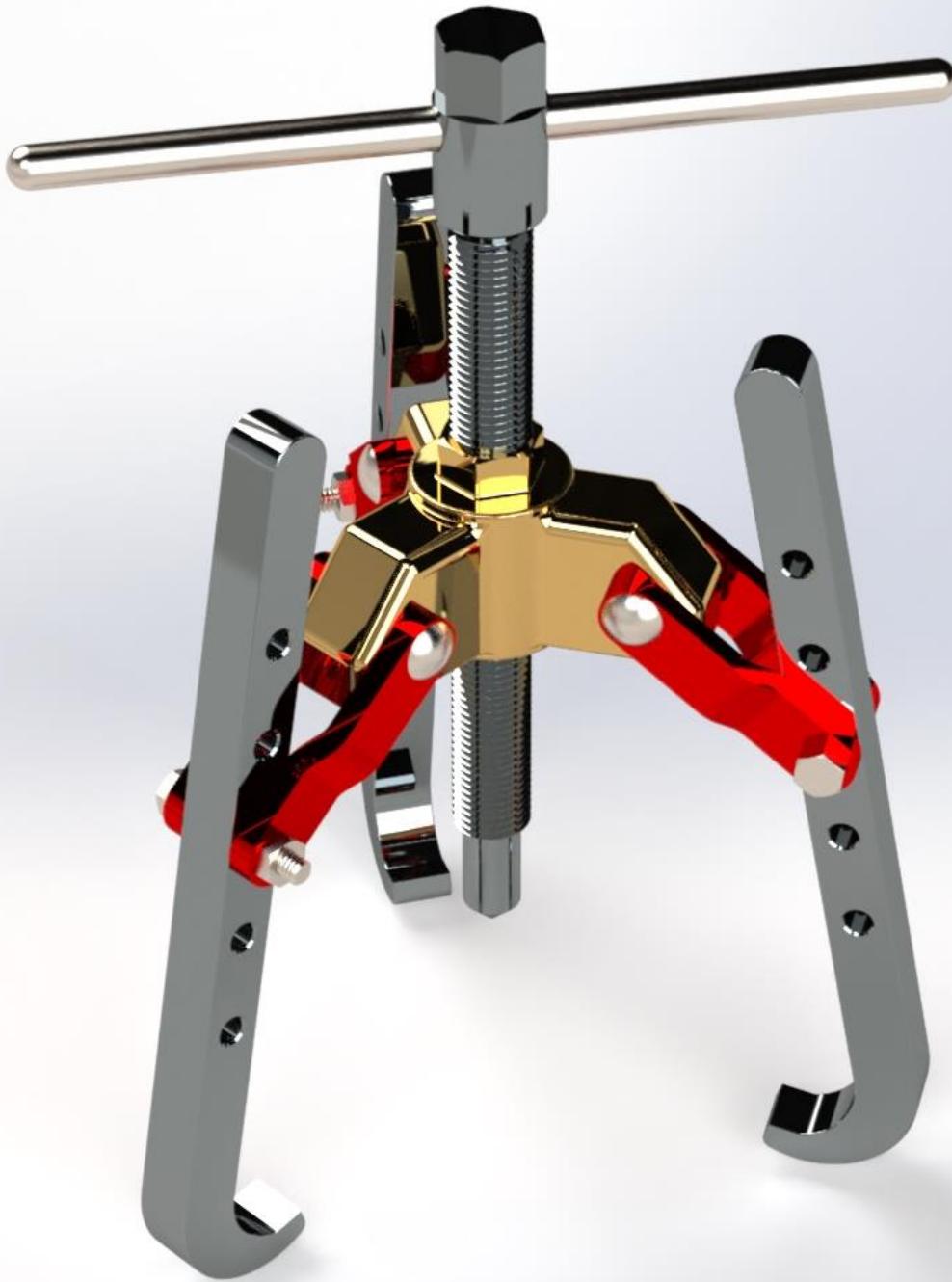
Mates

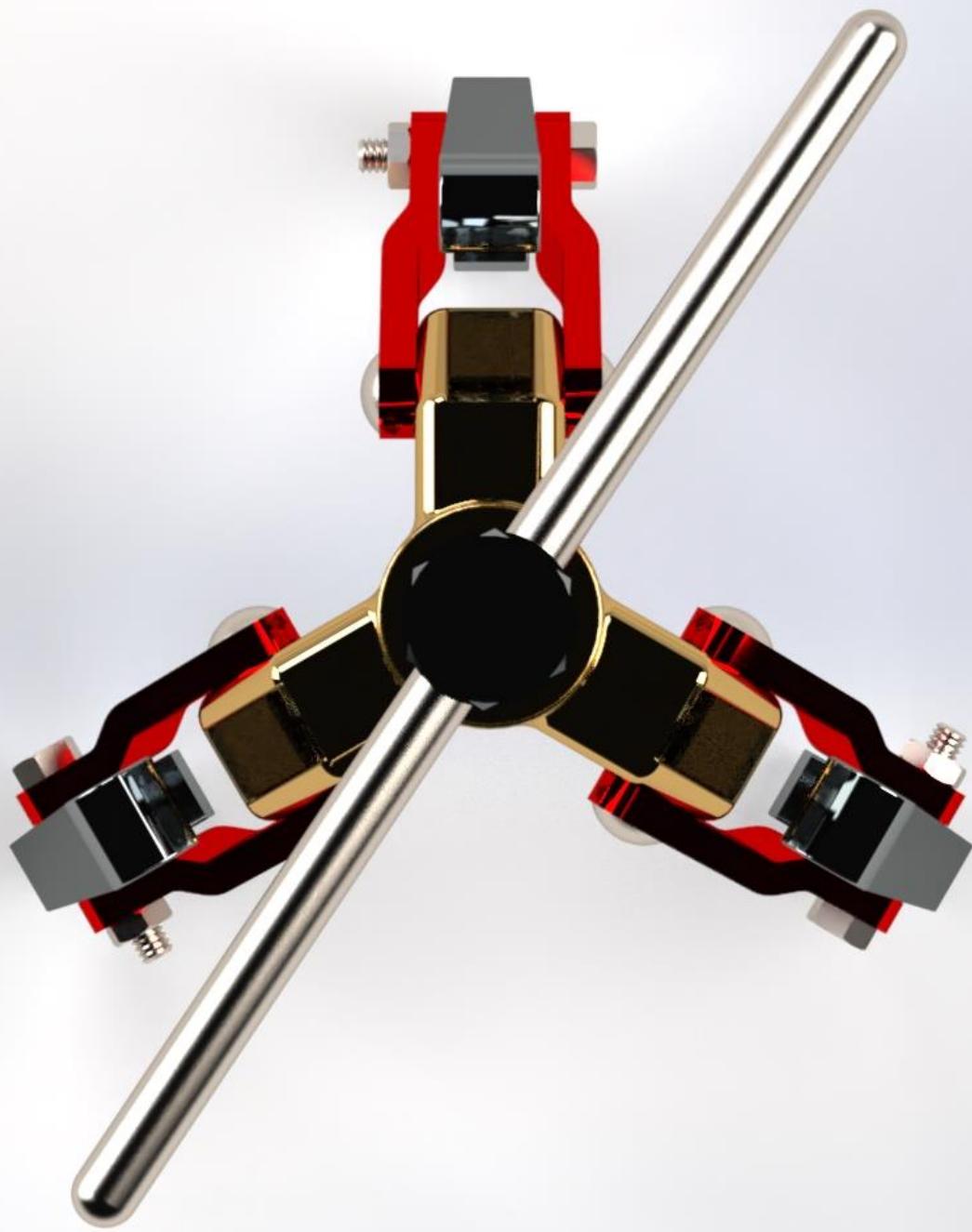
Model 3D Views Motion Study 1 Motion Study 2 Motion Study 3 Motion Study 4

SOLIDWORKS Premium 2019 SP4.0 Under Defined 9:41 PM 69% 11/17/2019

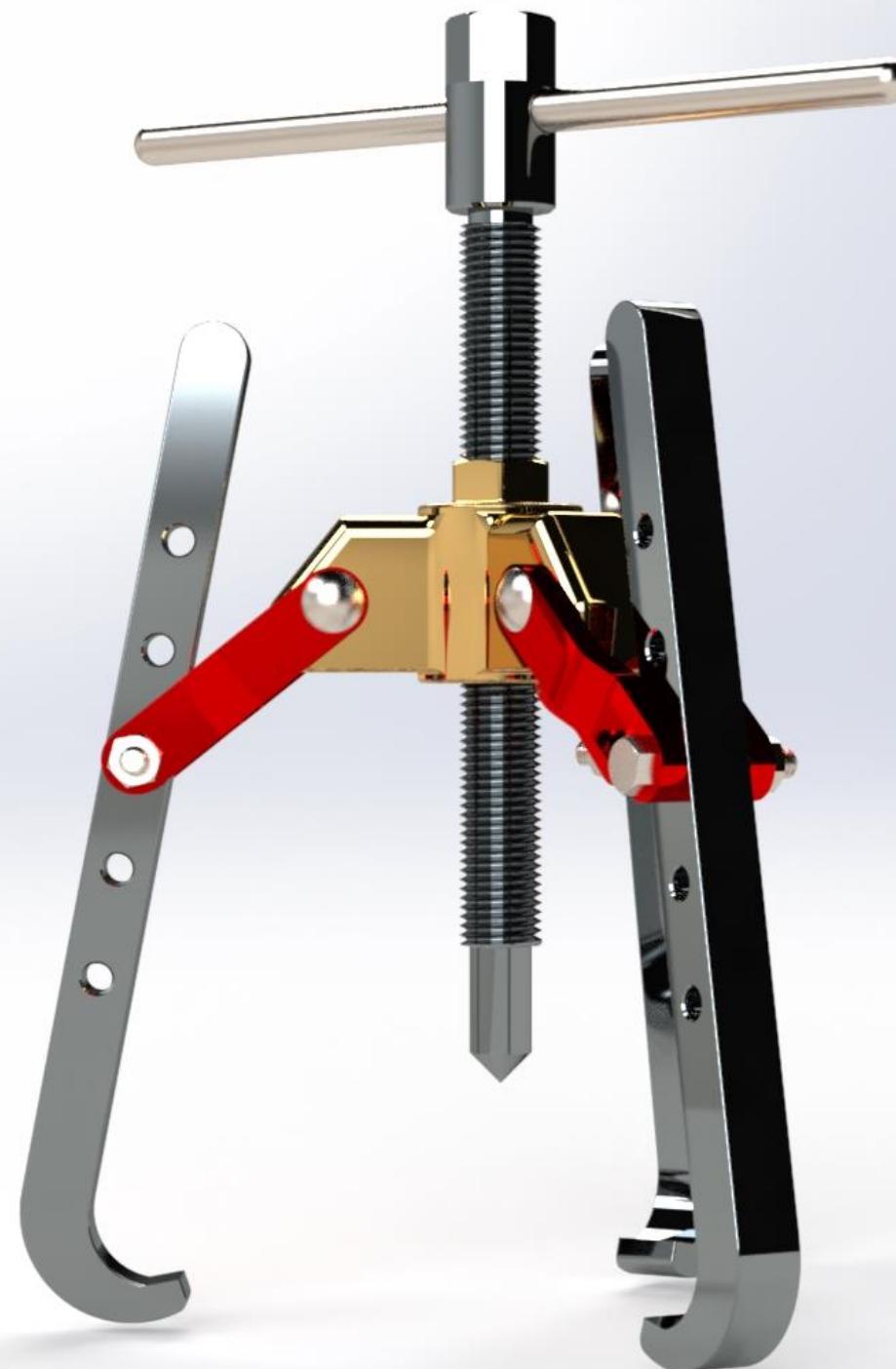






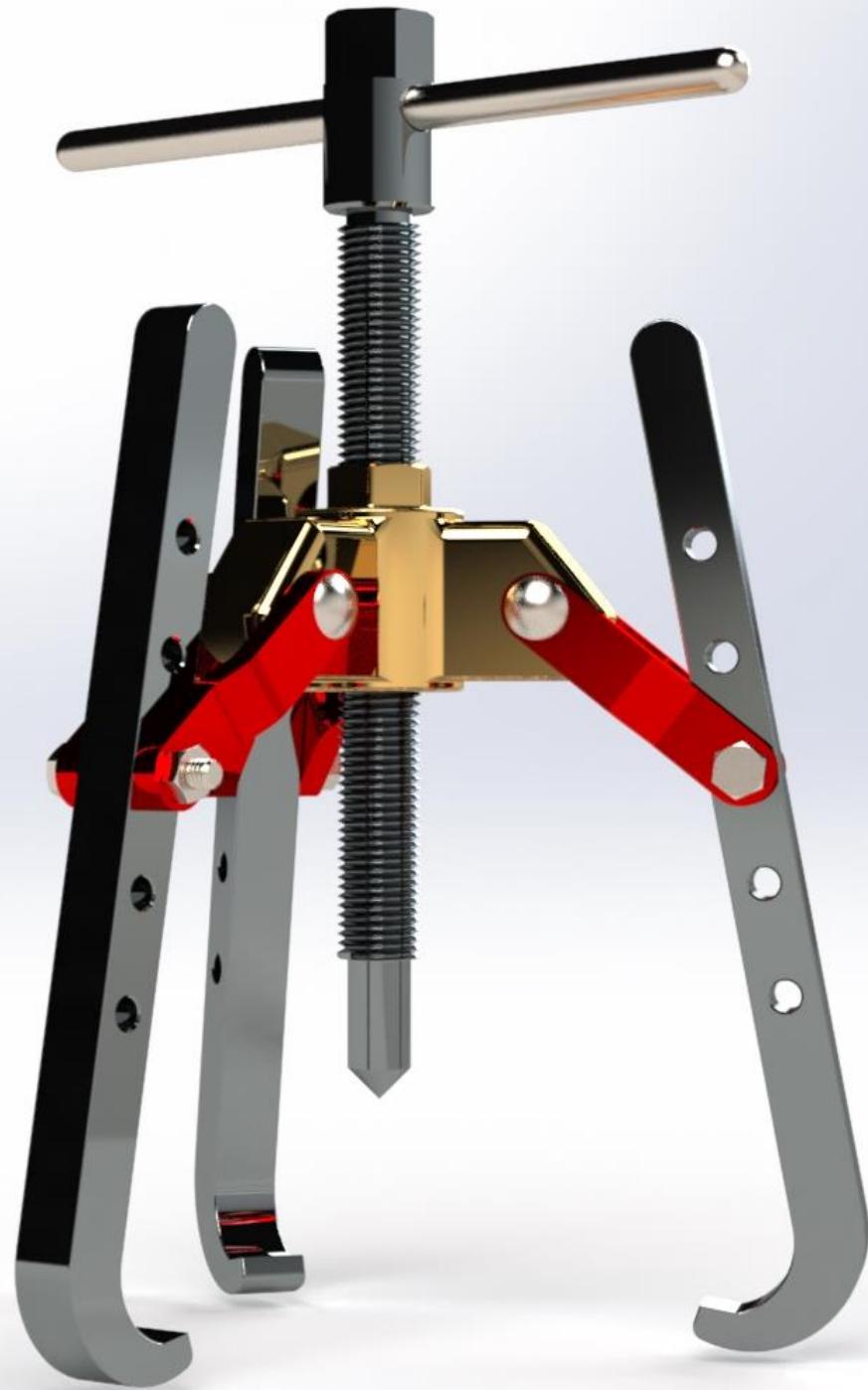


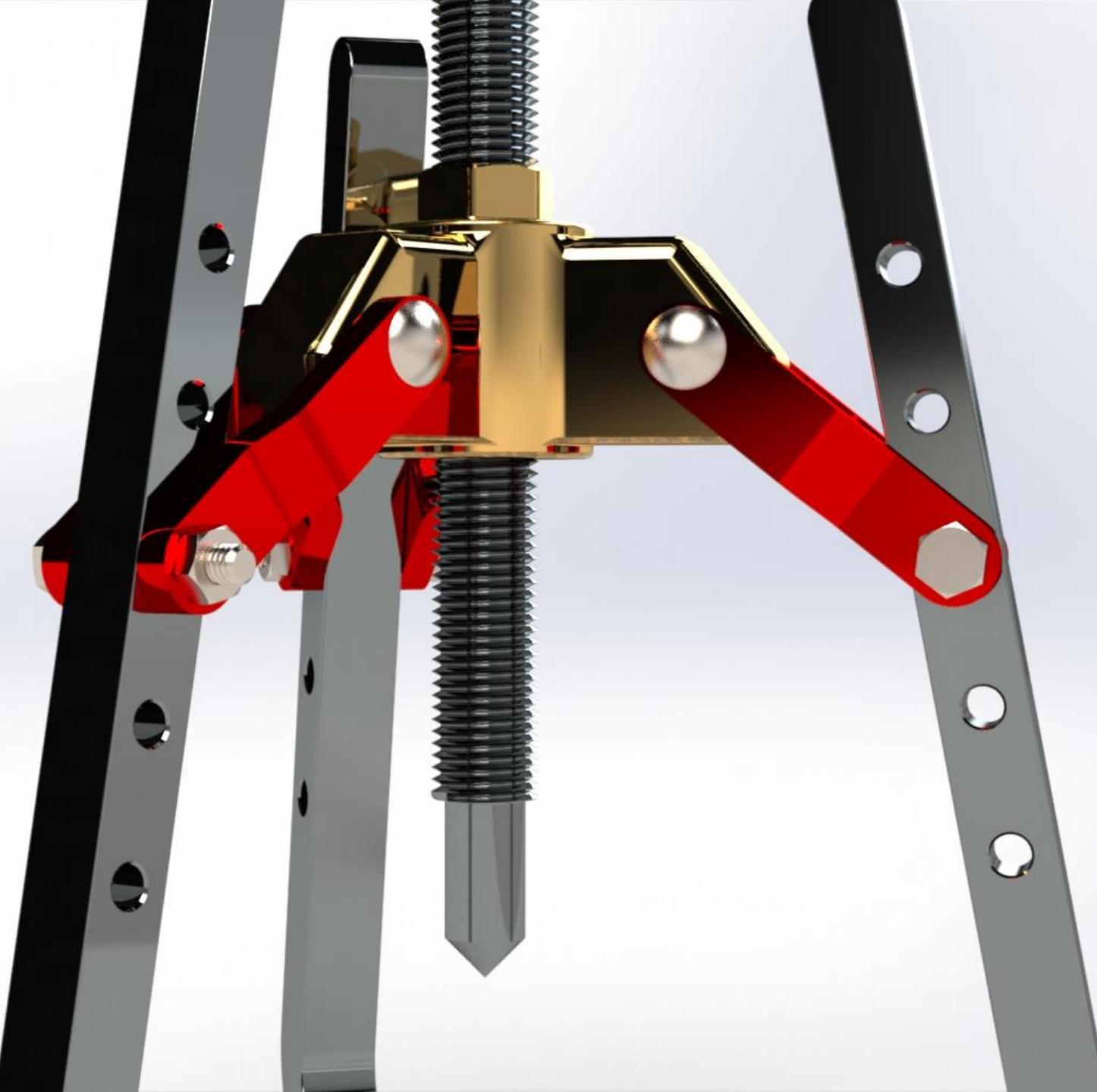


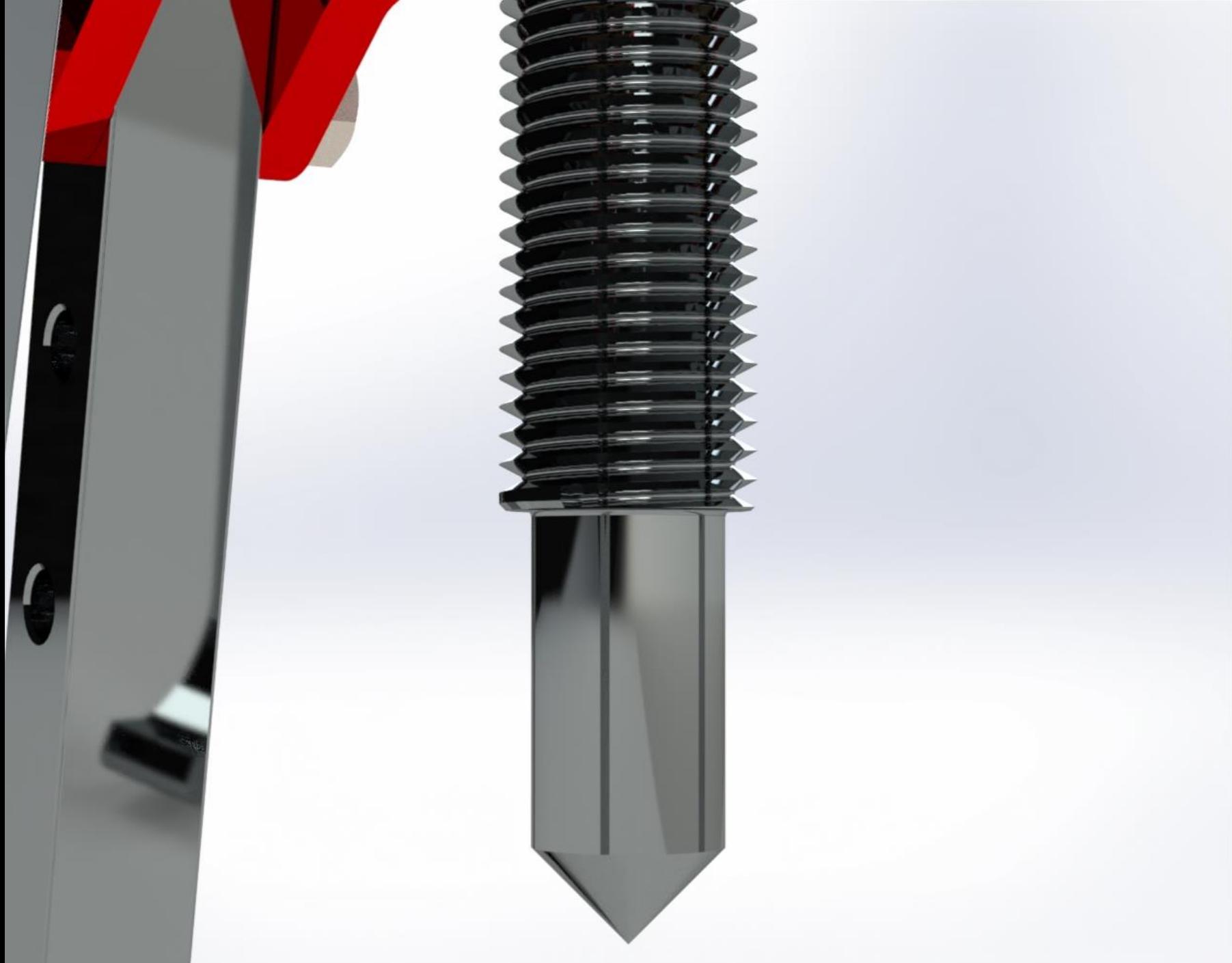


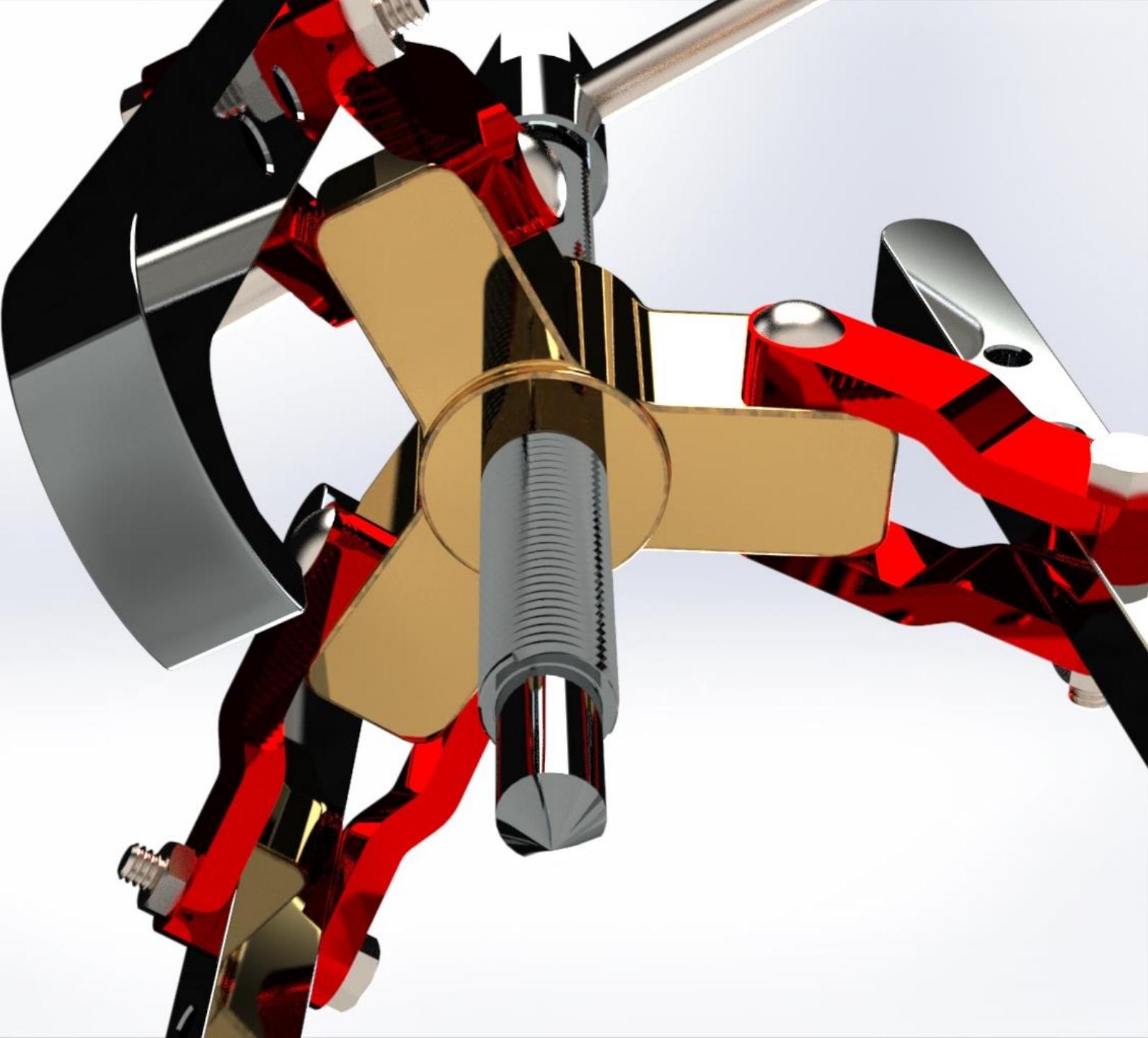


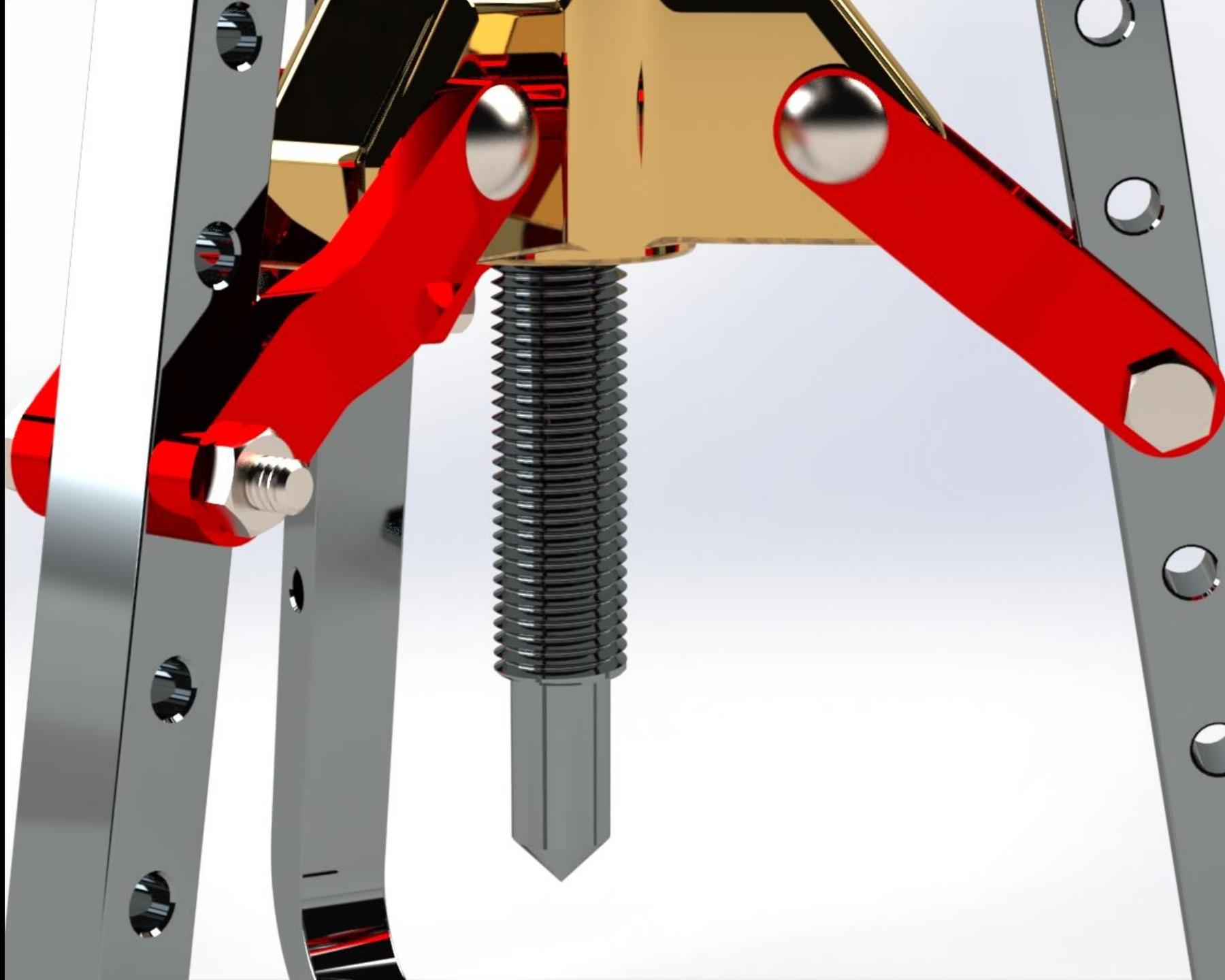


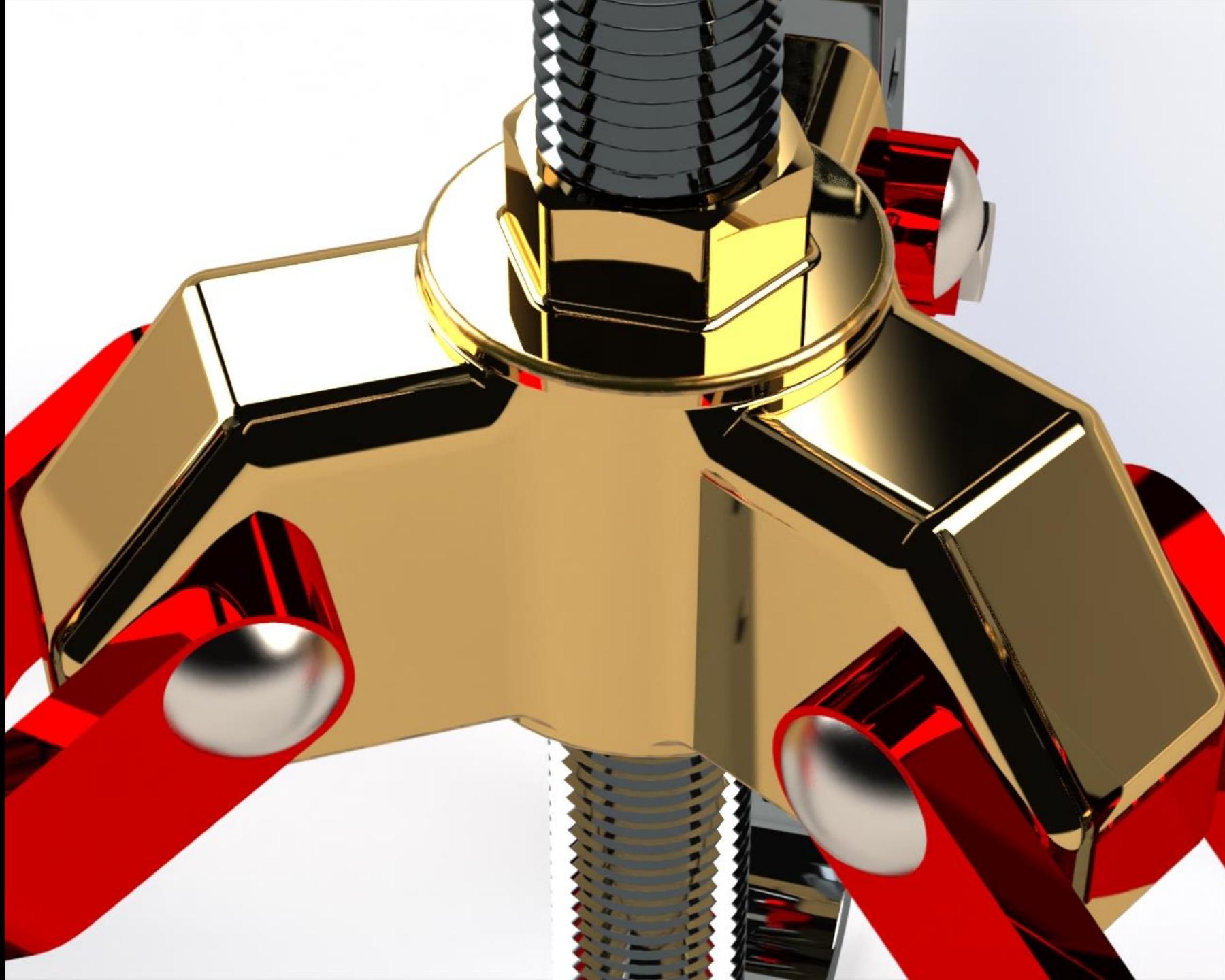




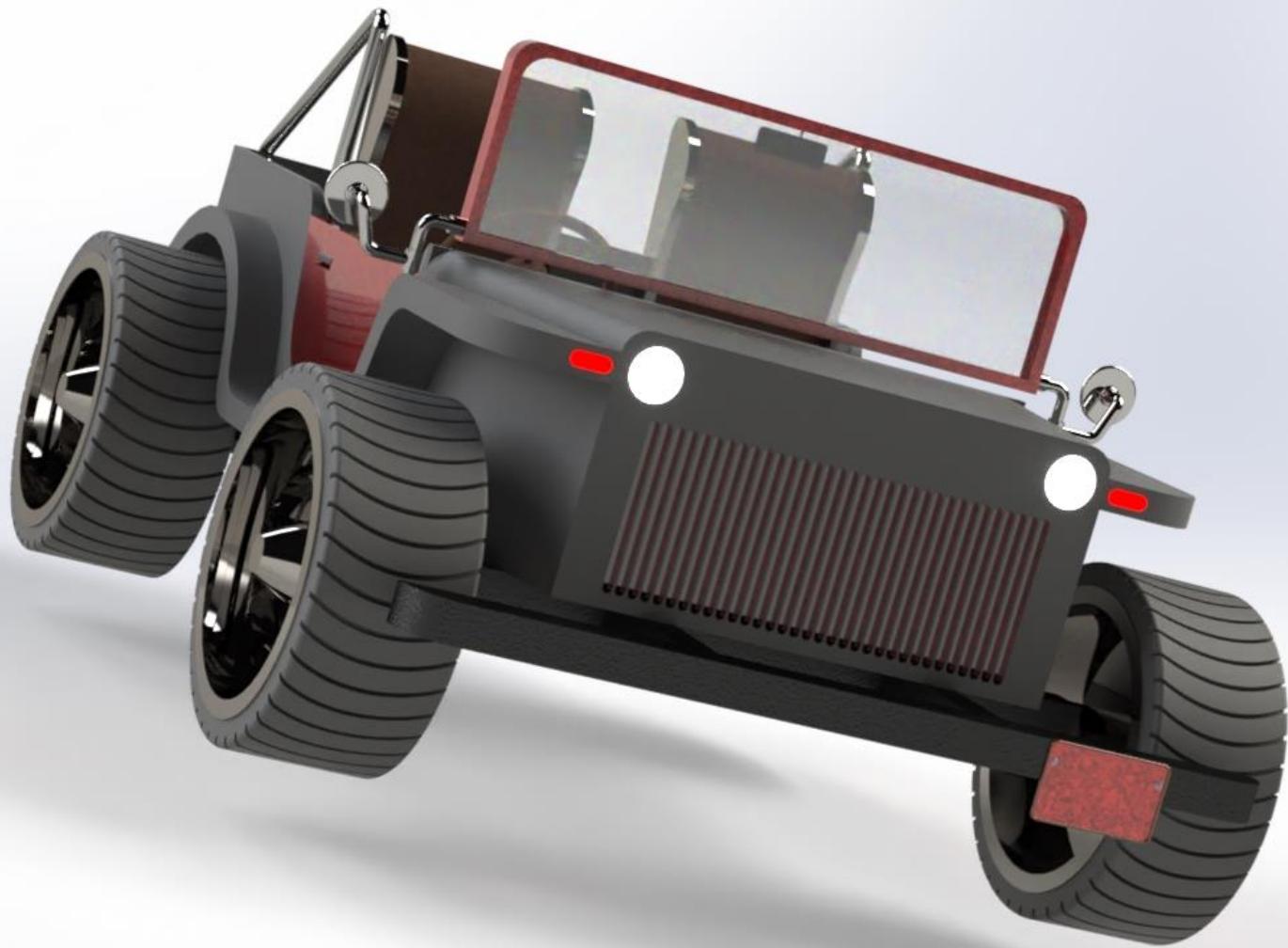




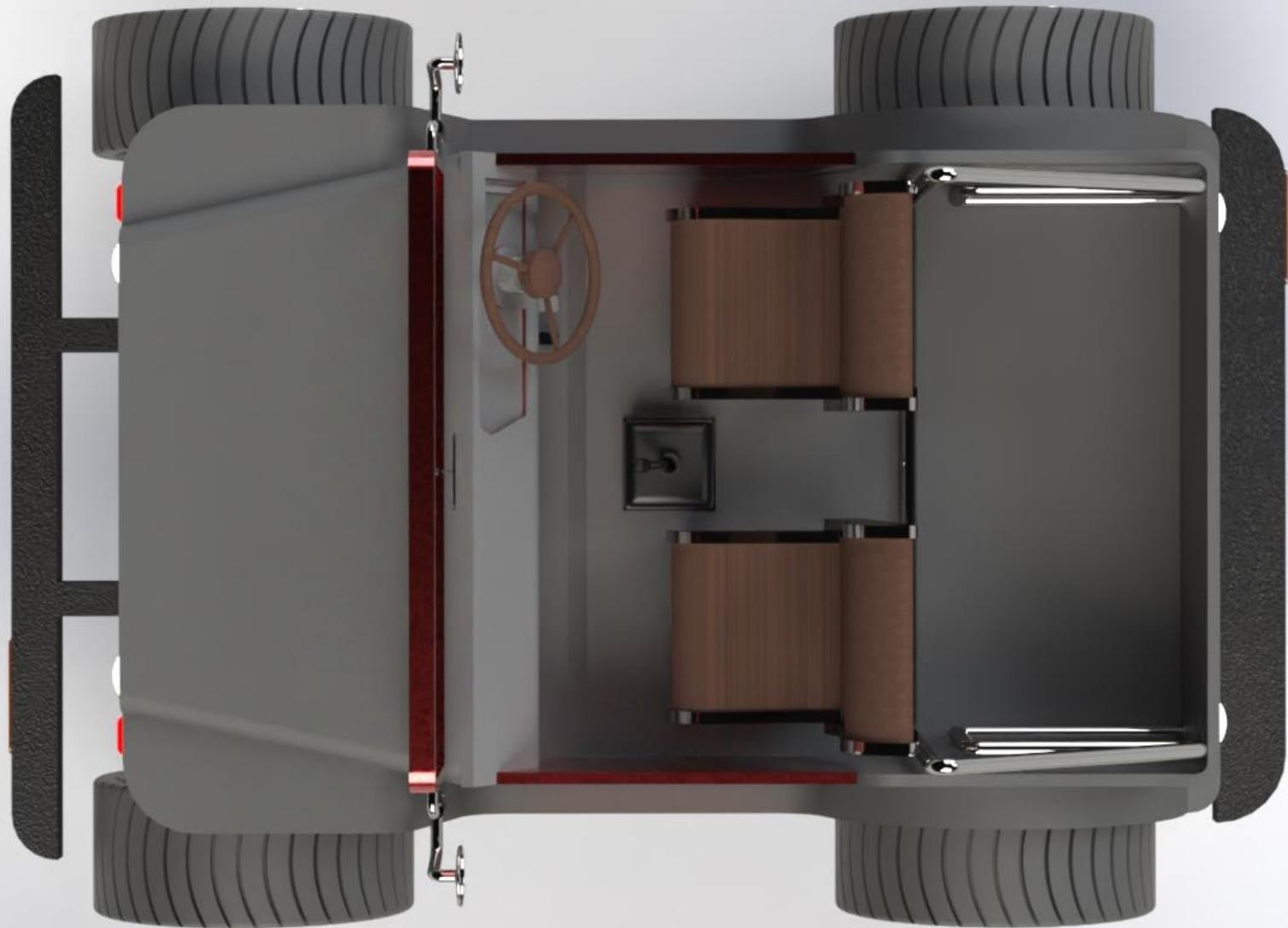




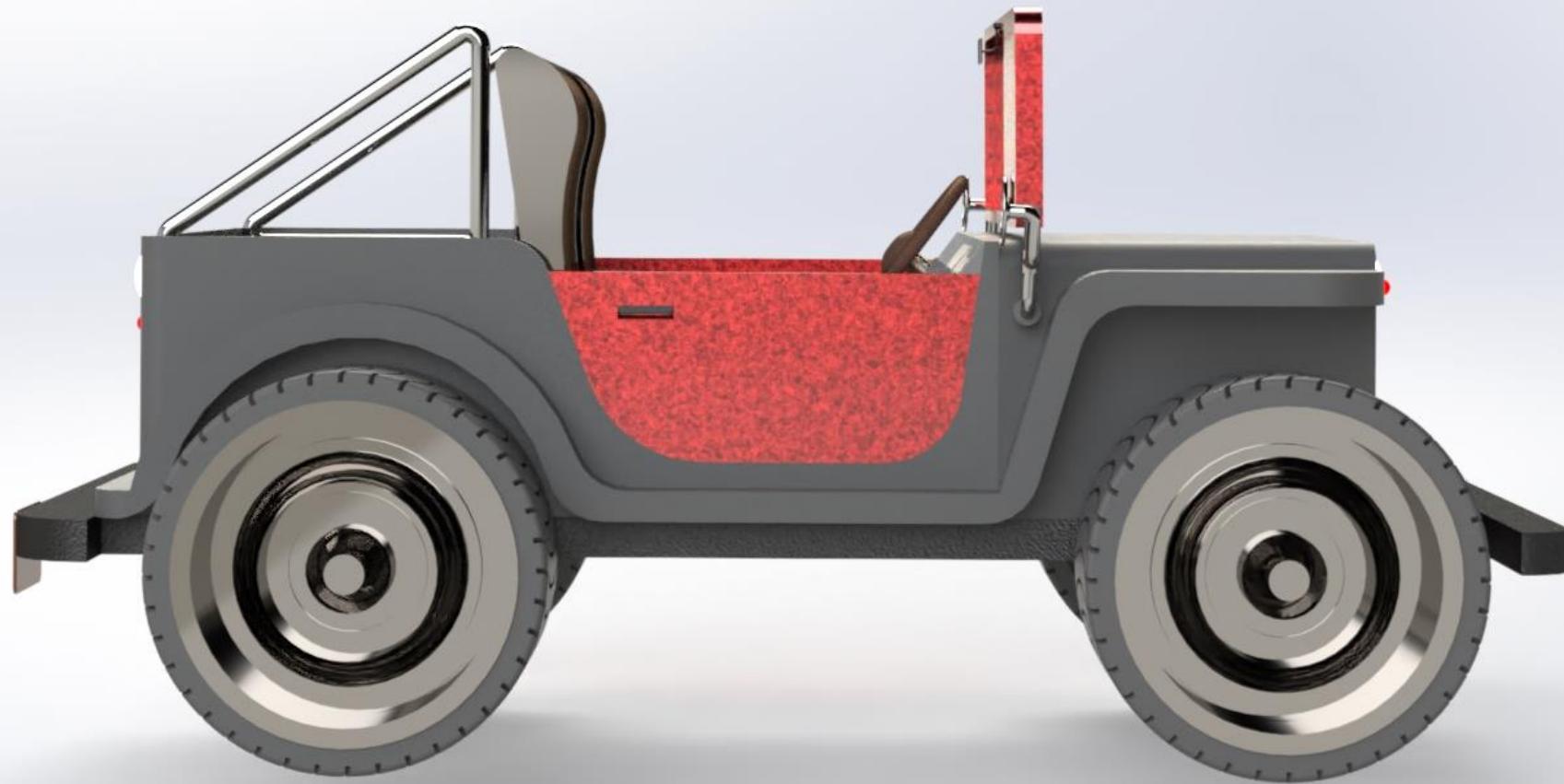


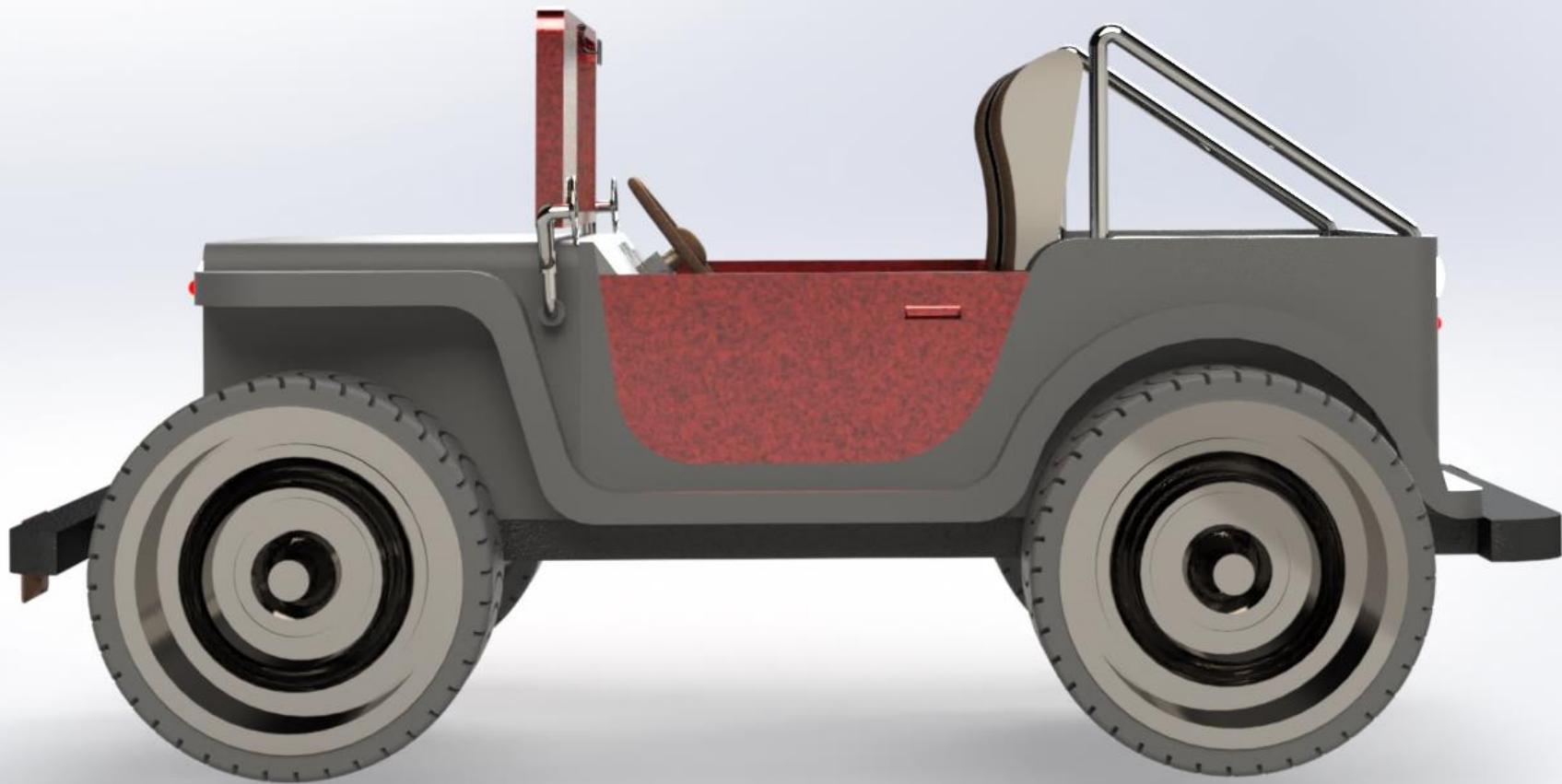


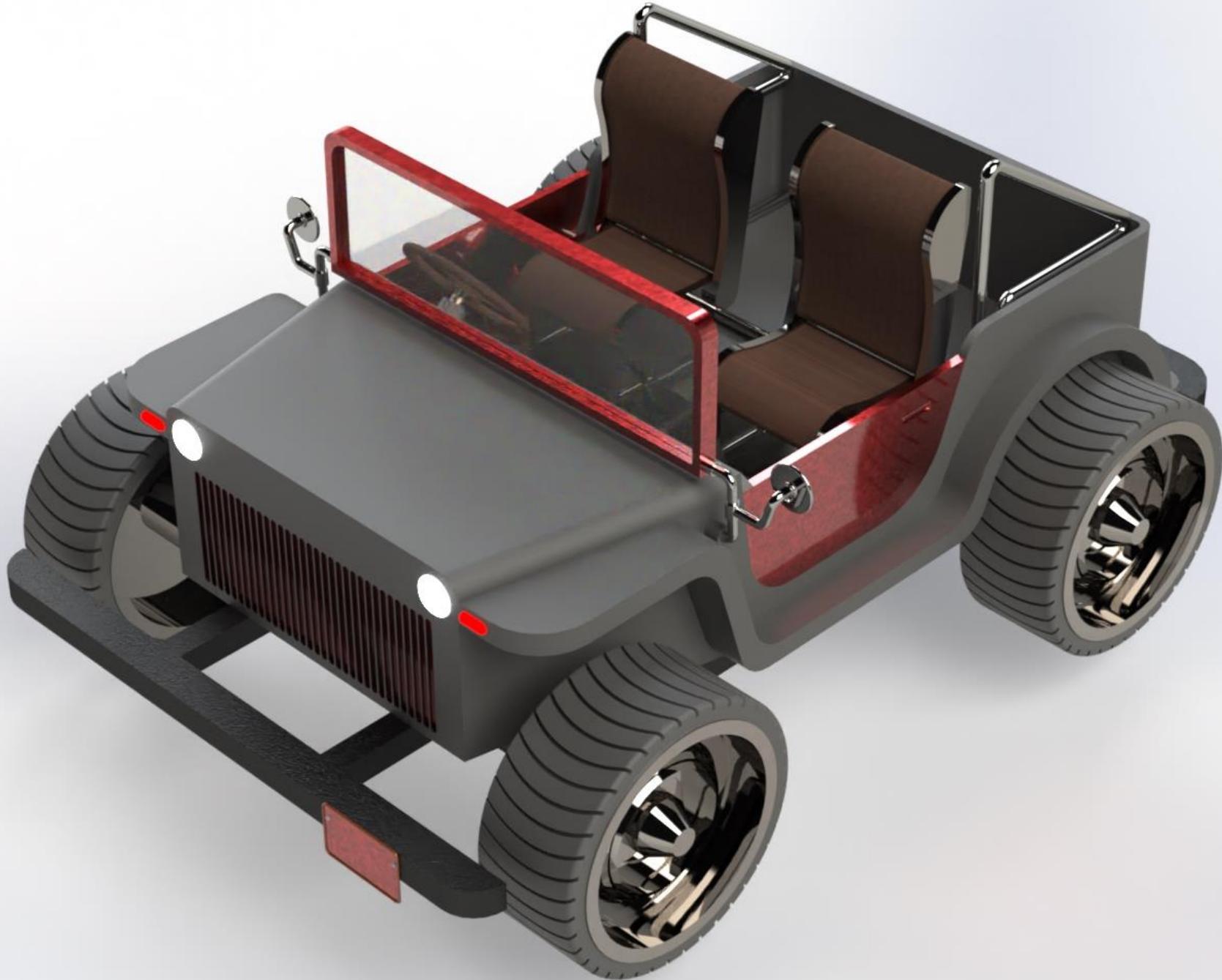


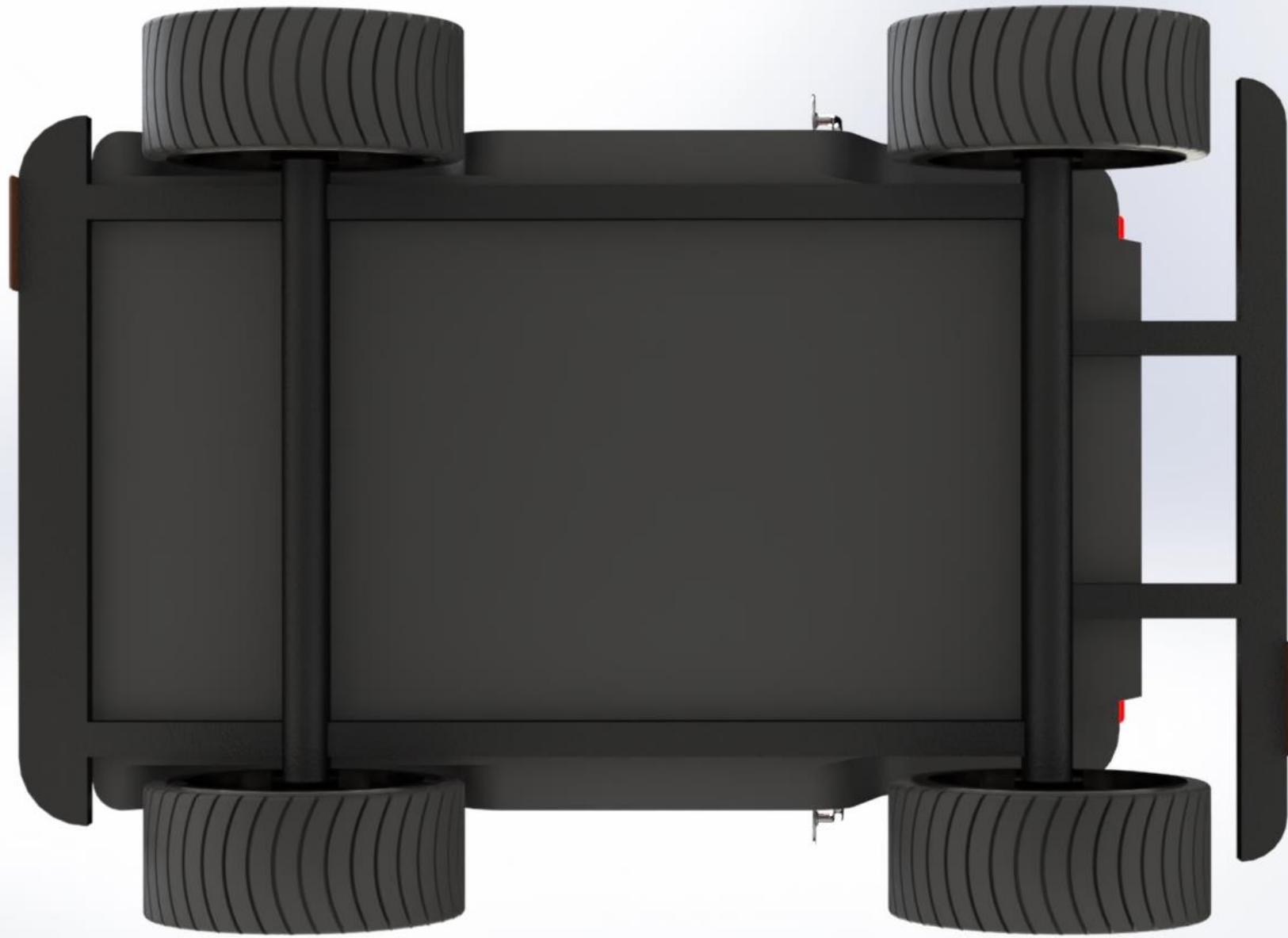






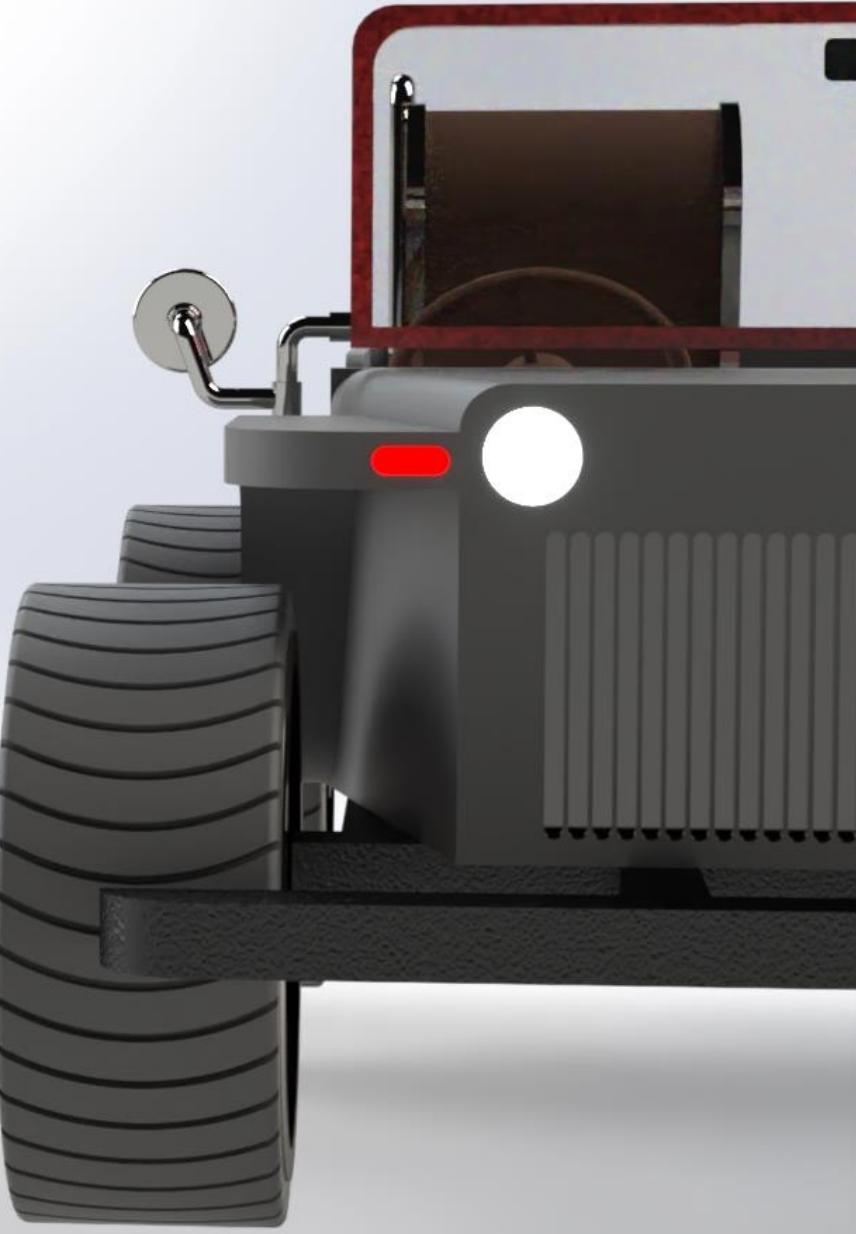


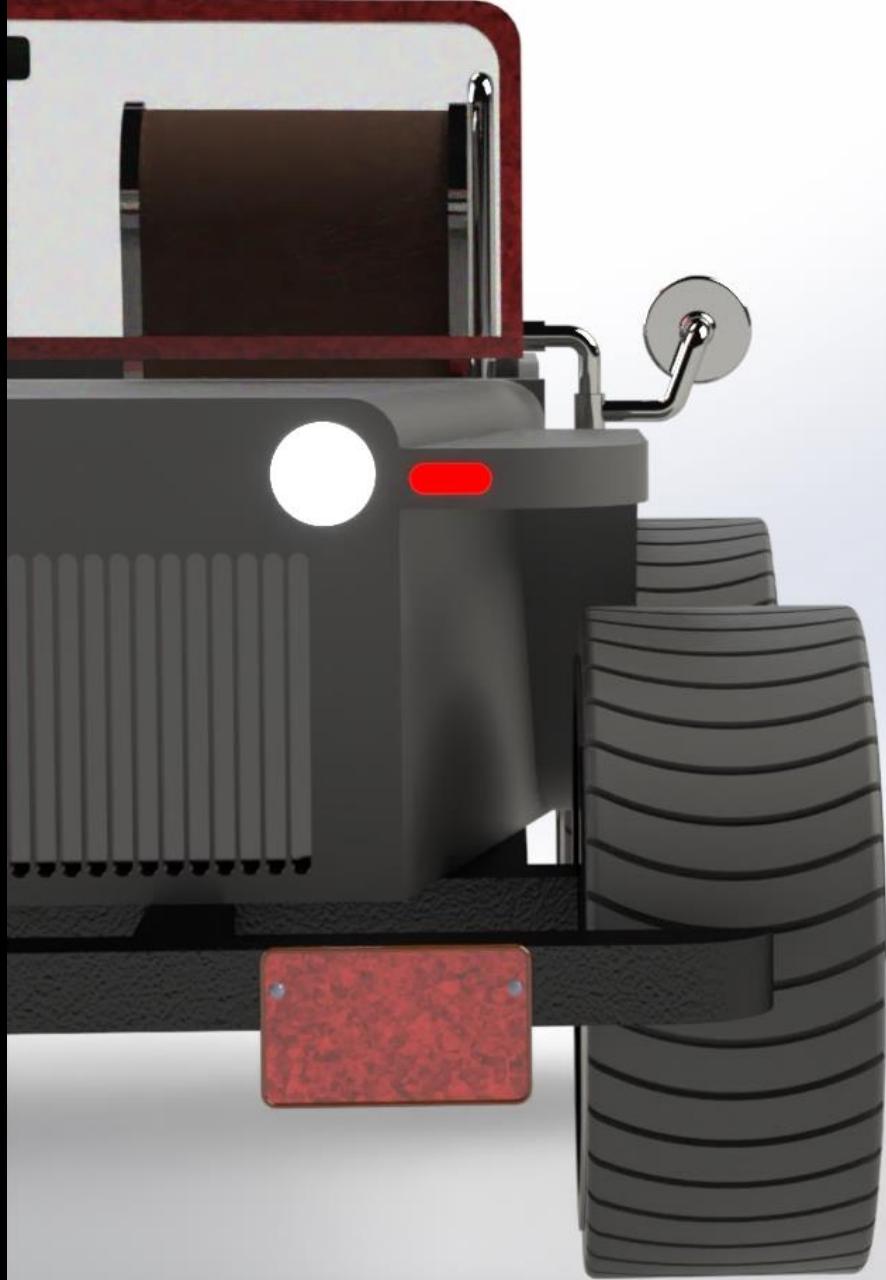










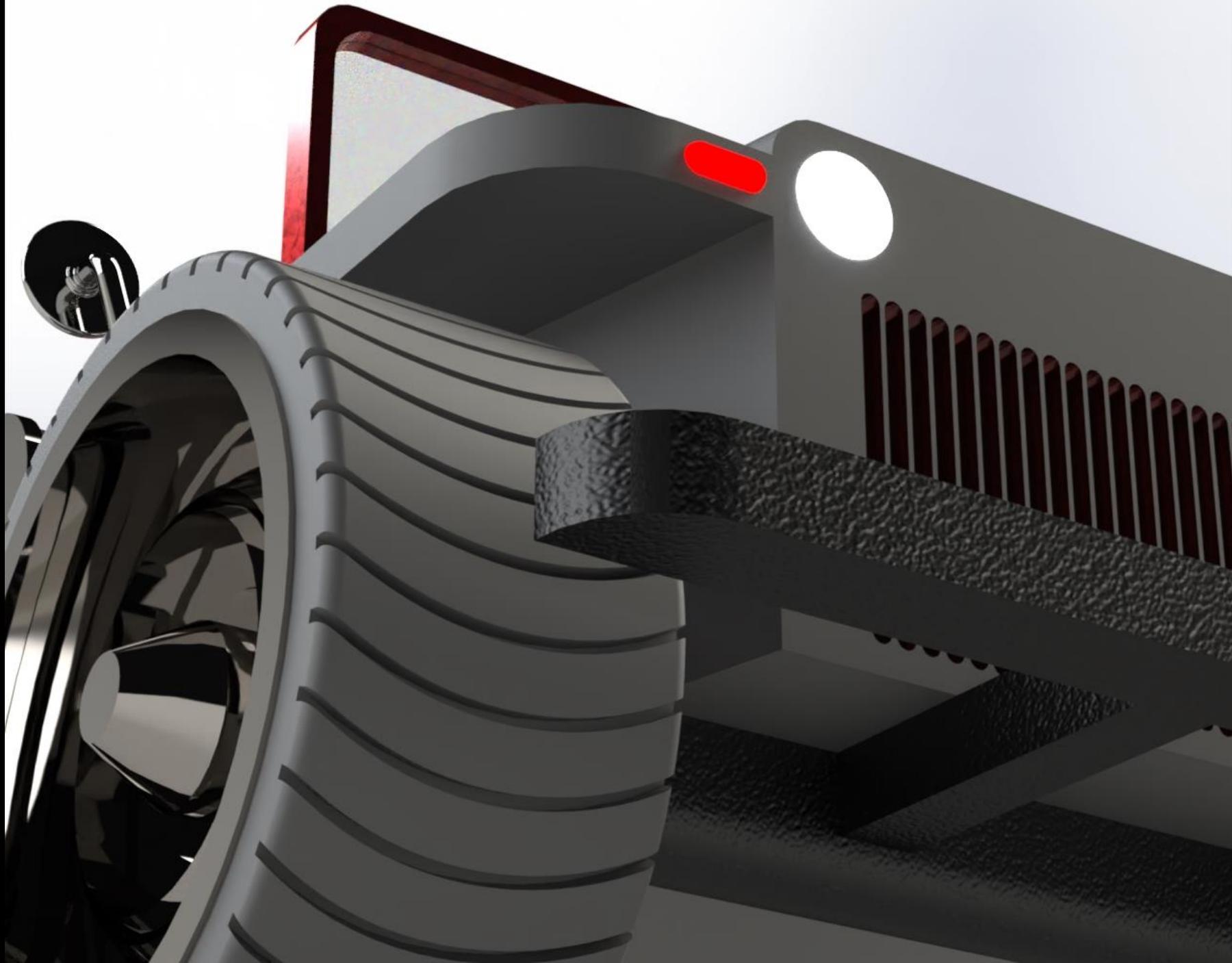


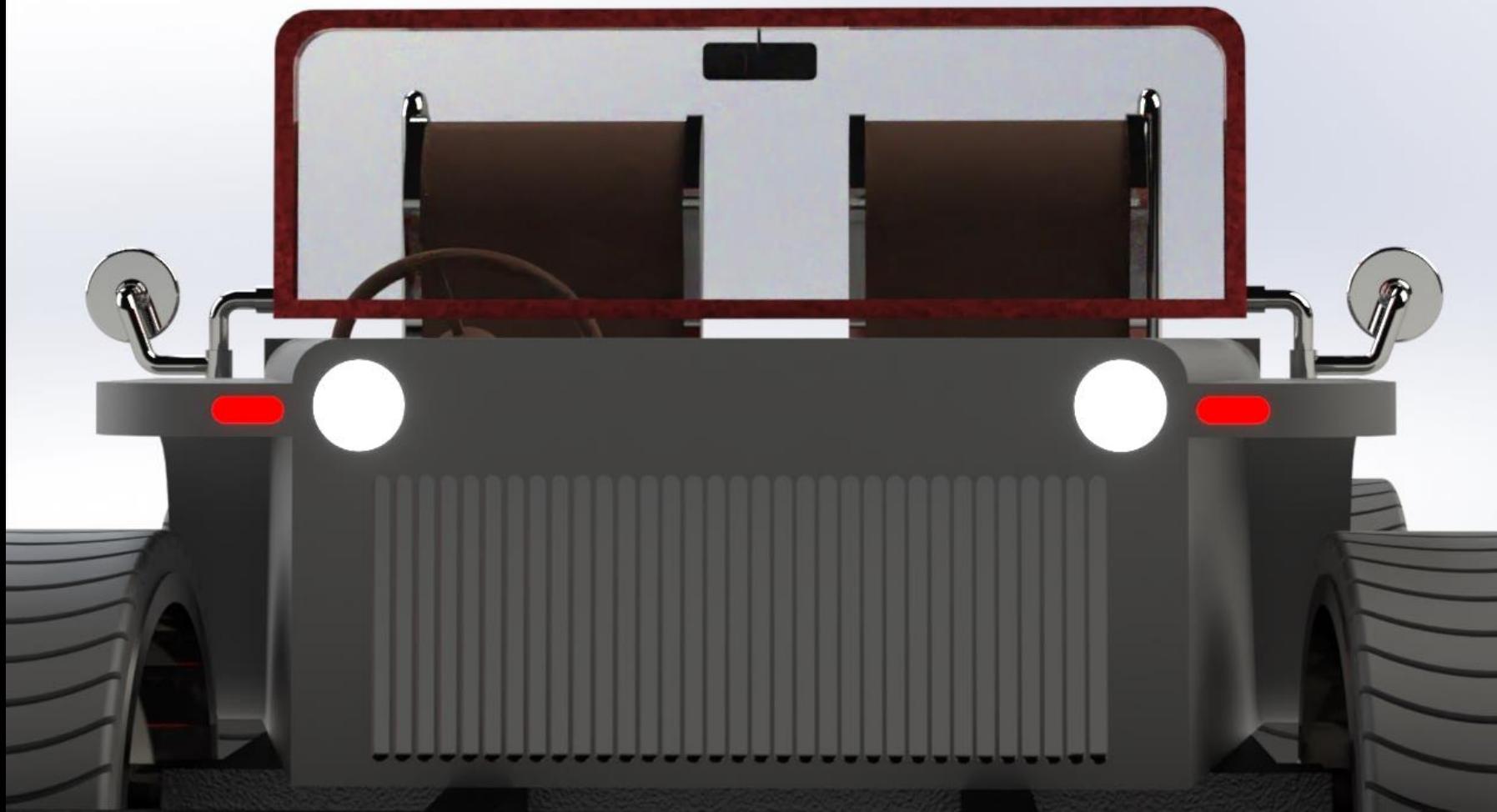


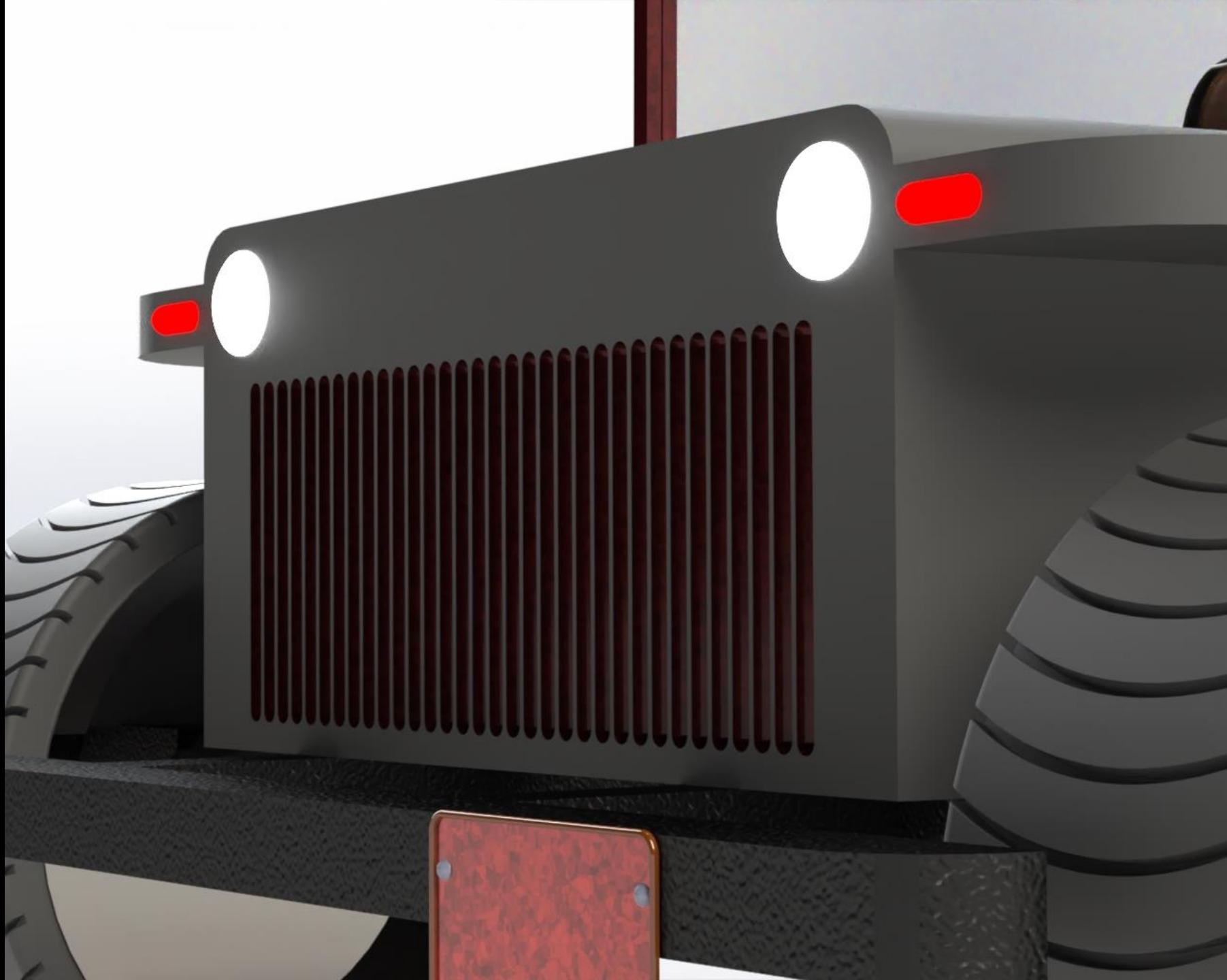






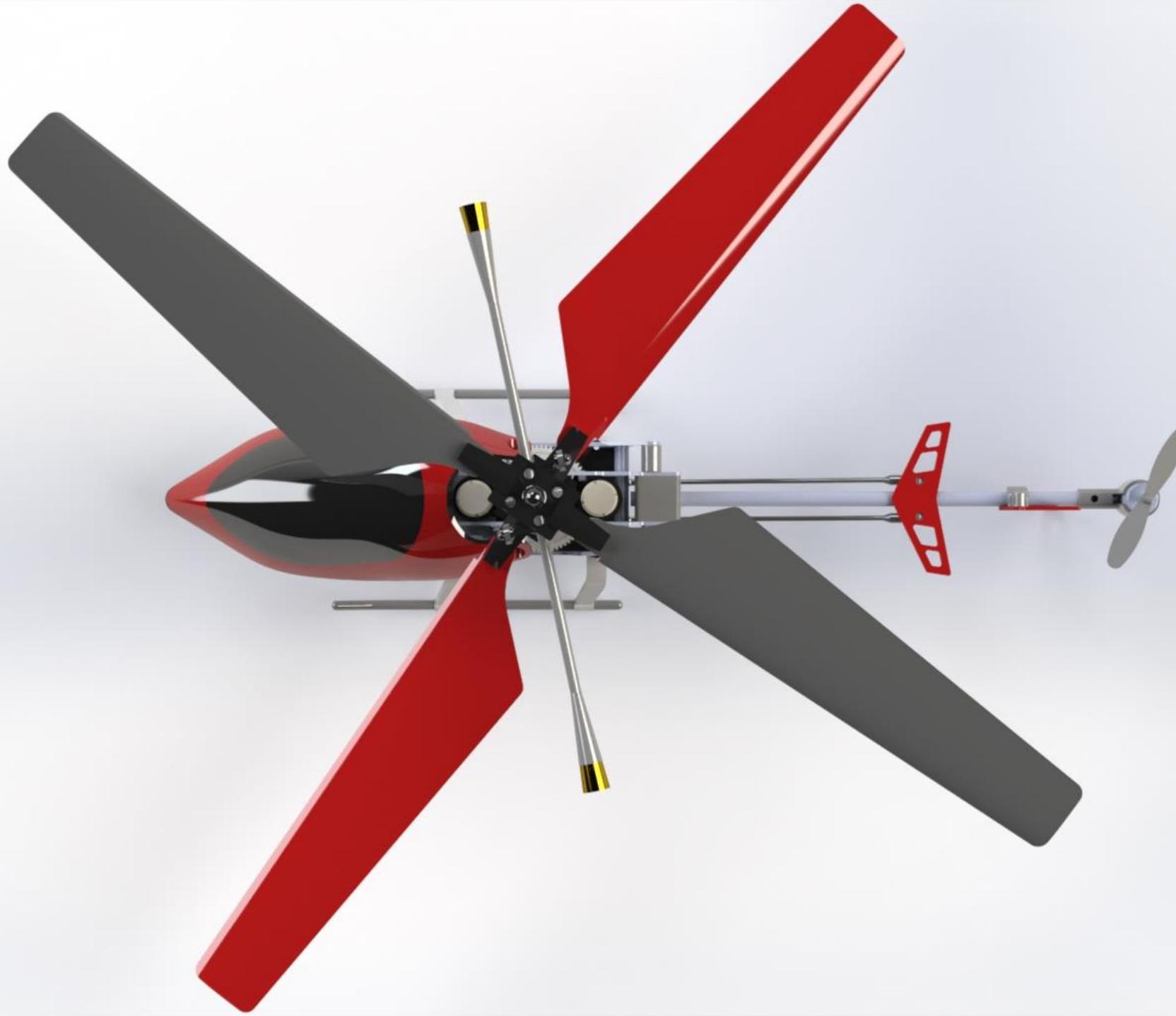








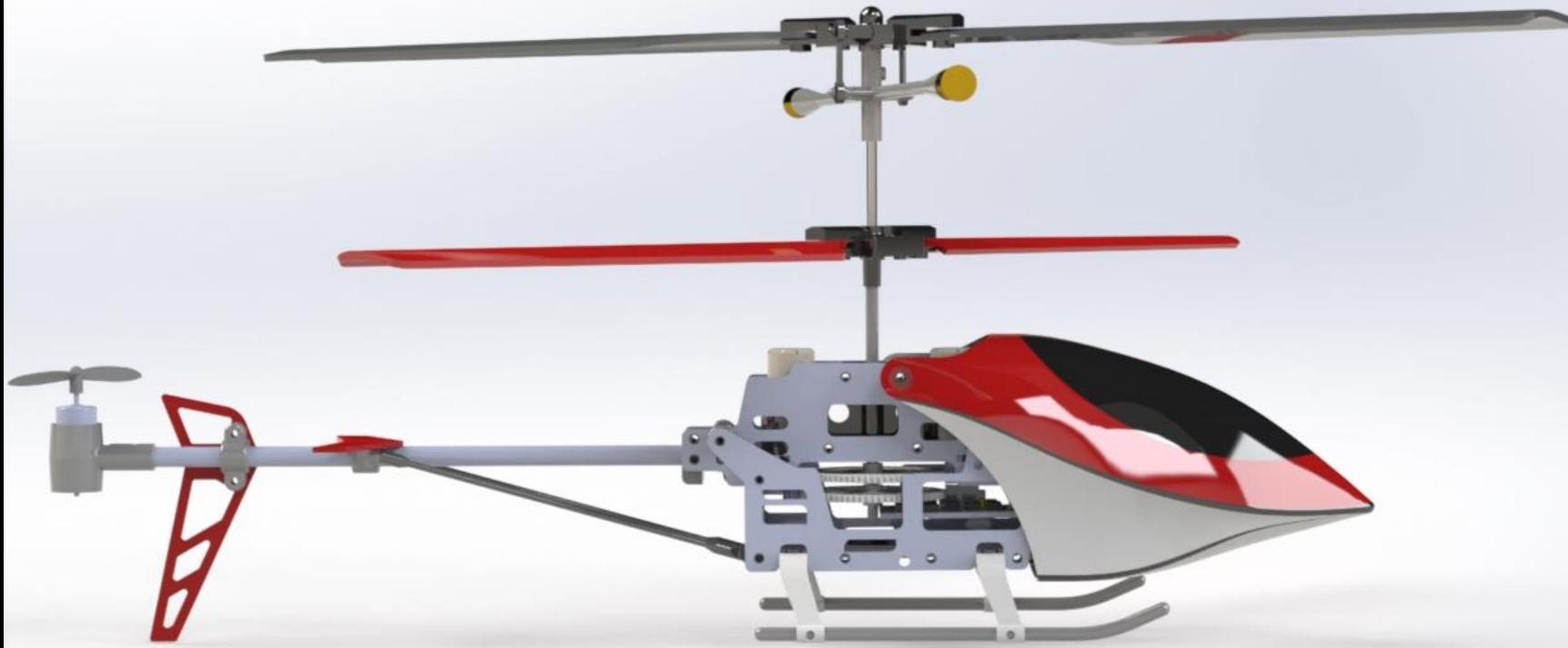






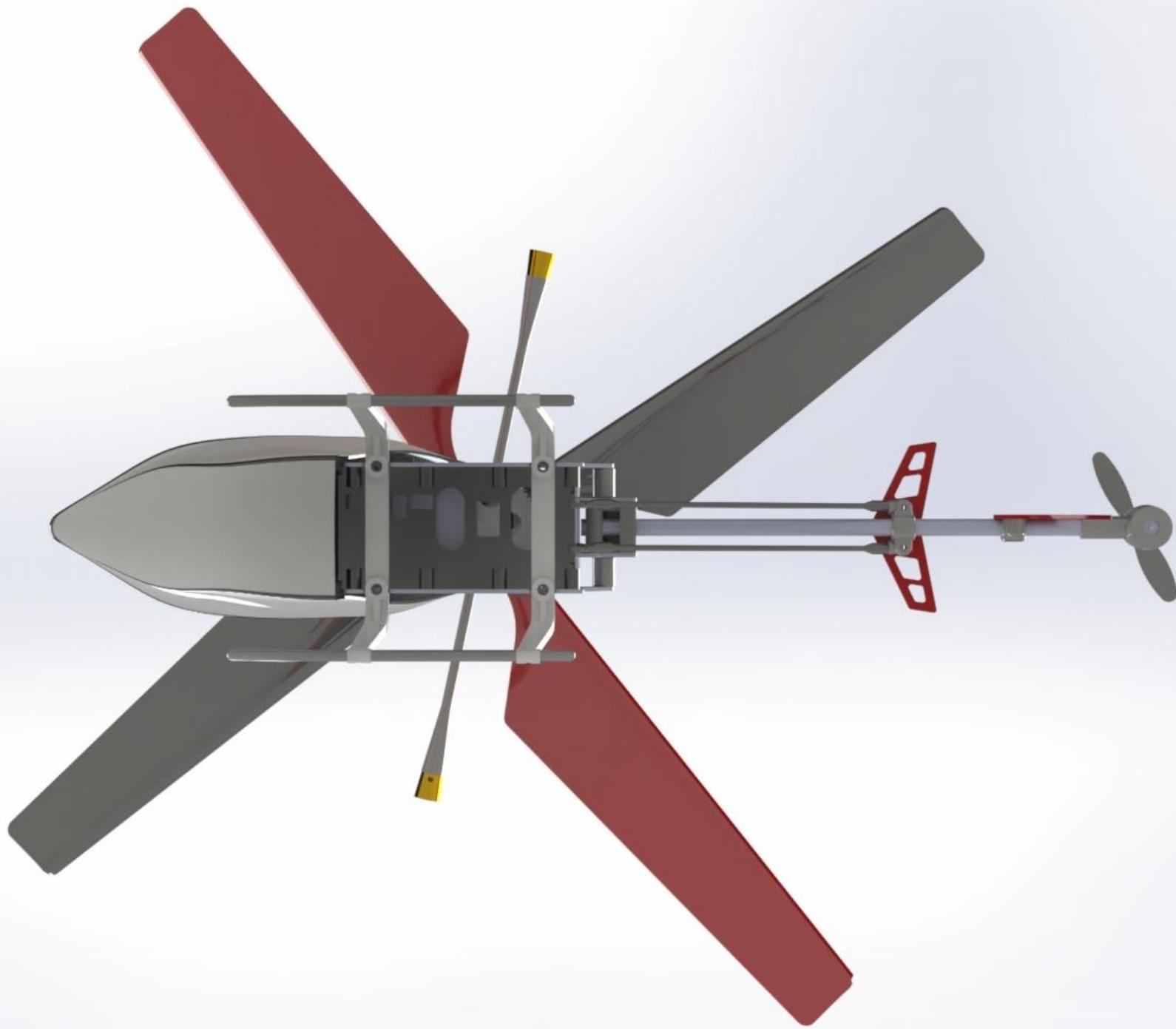






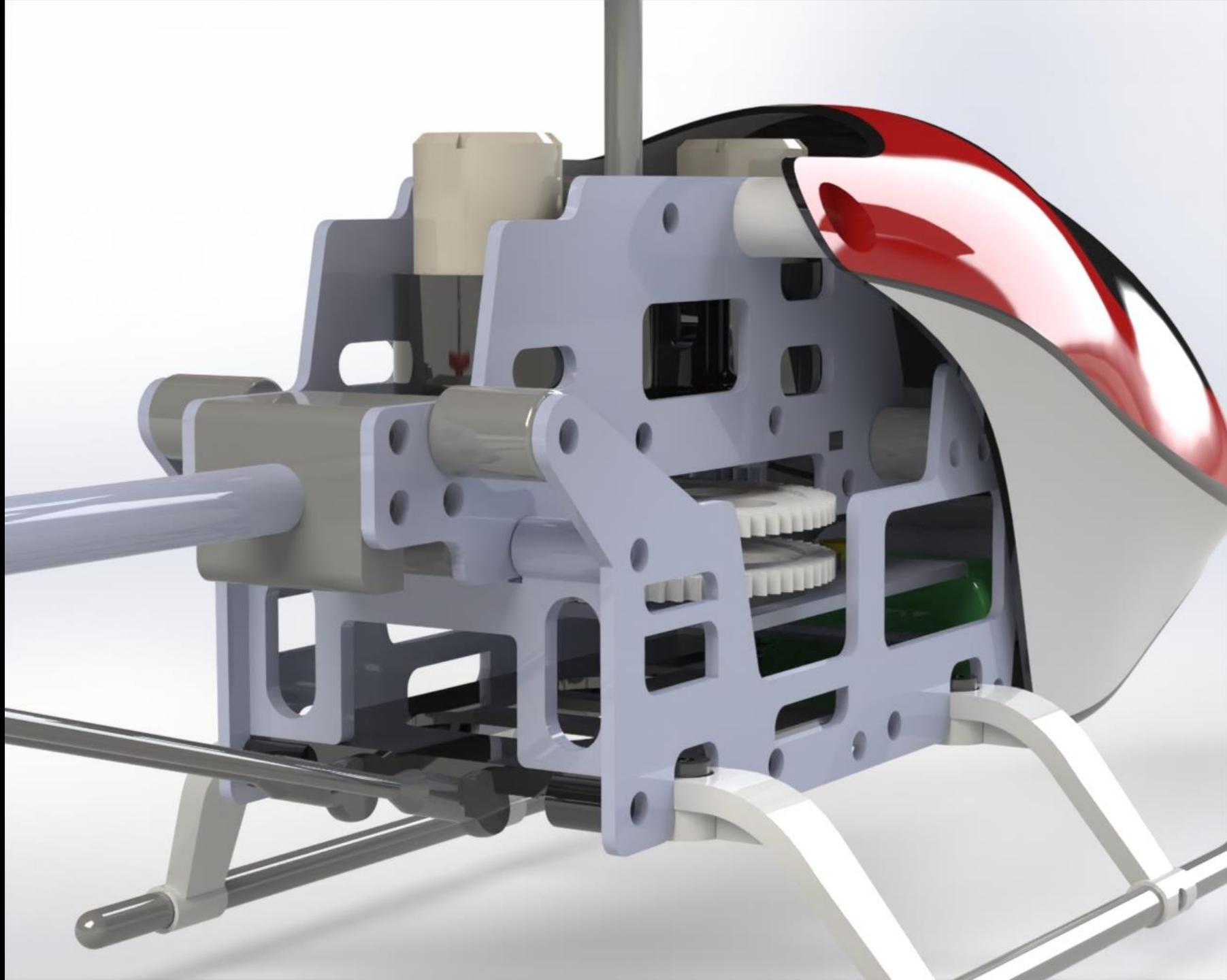




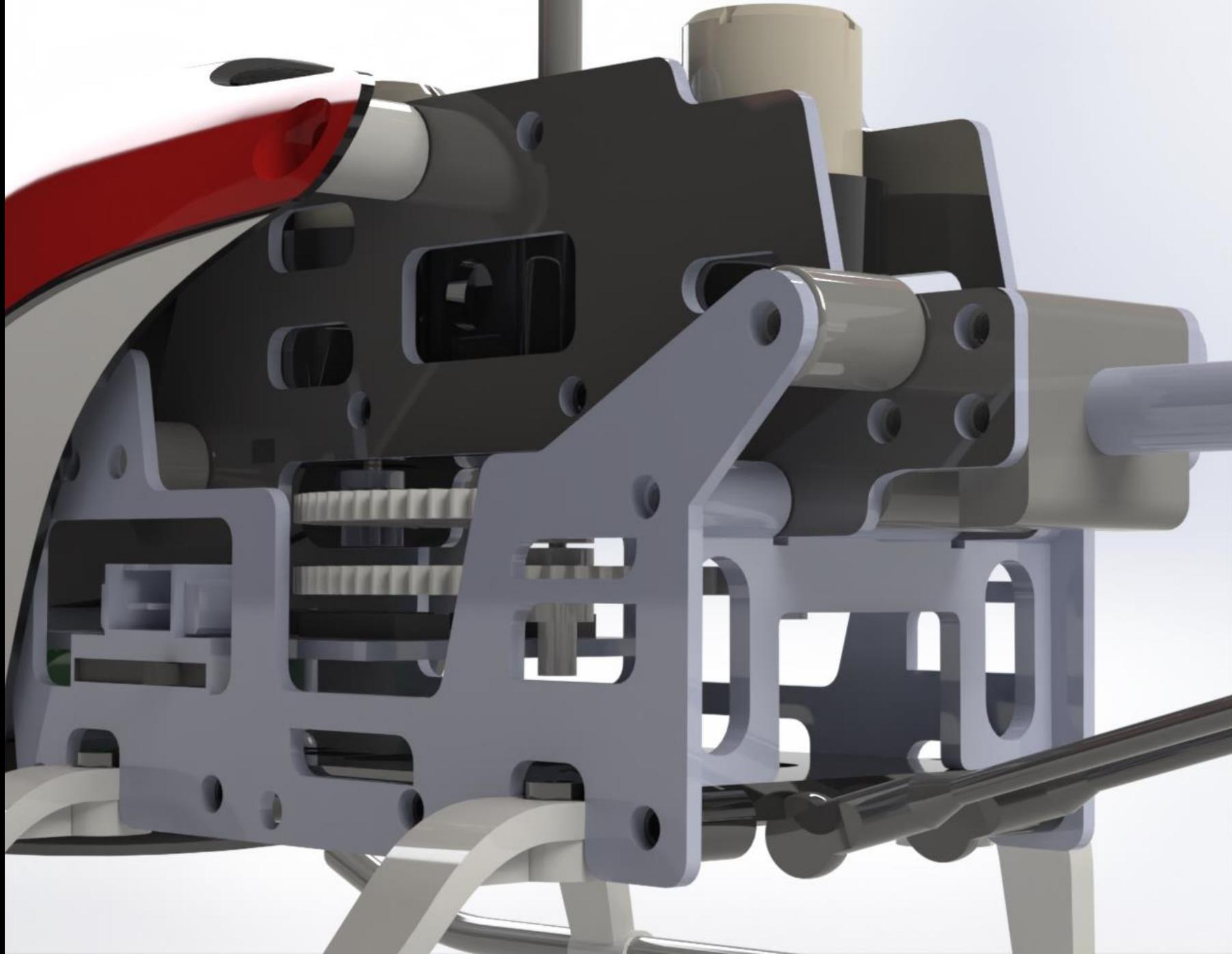


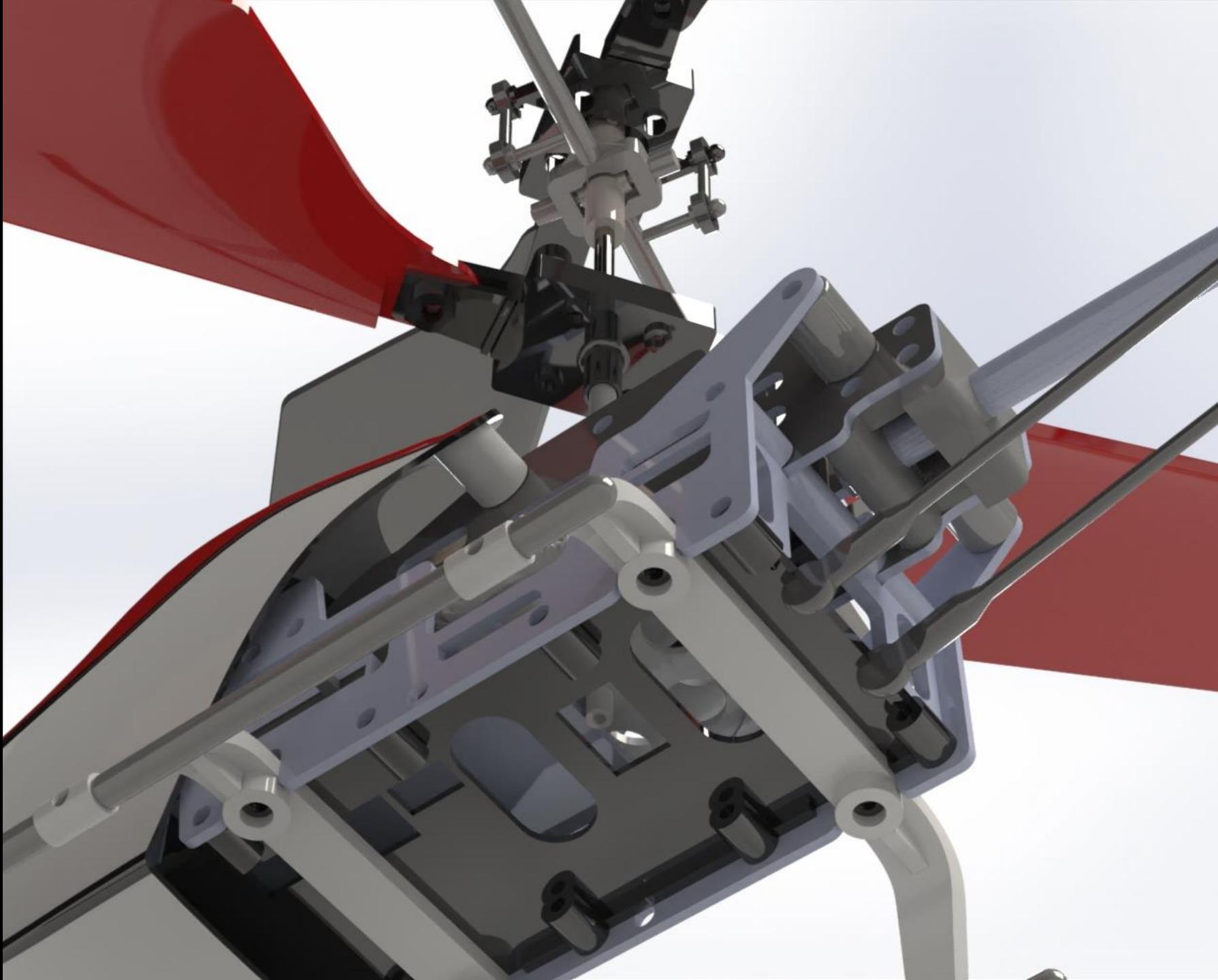


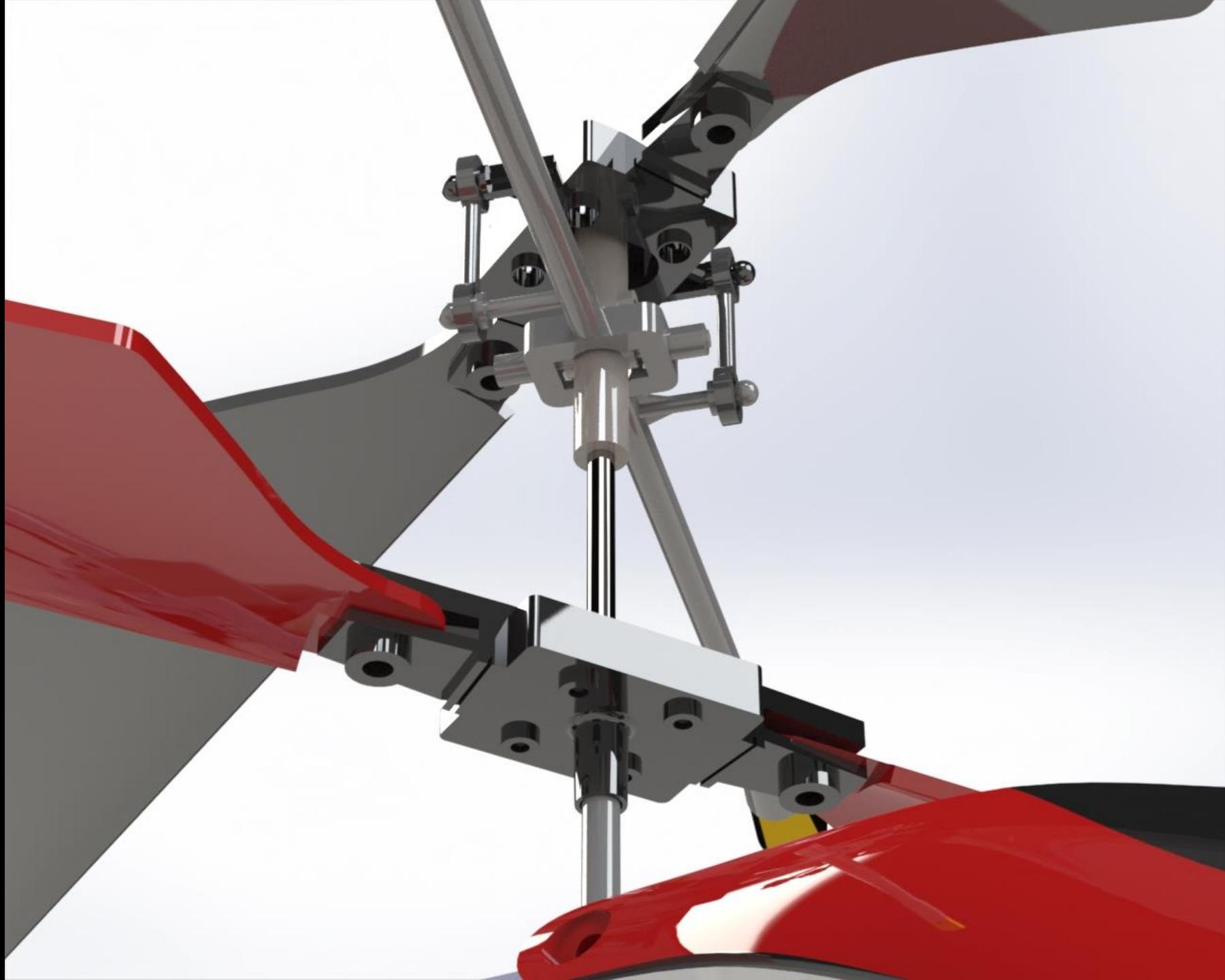


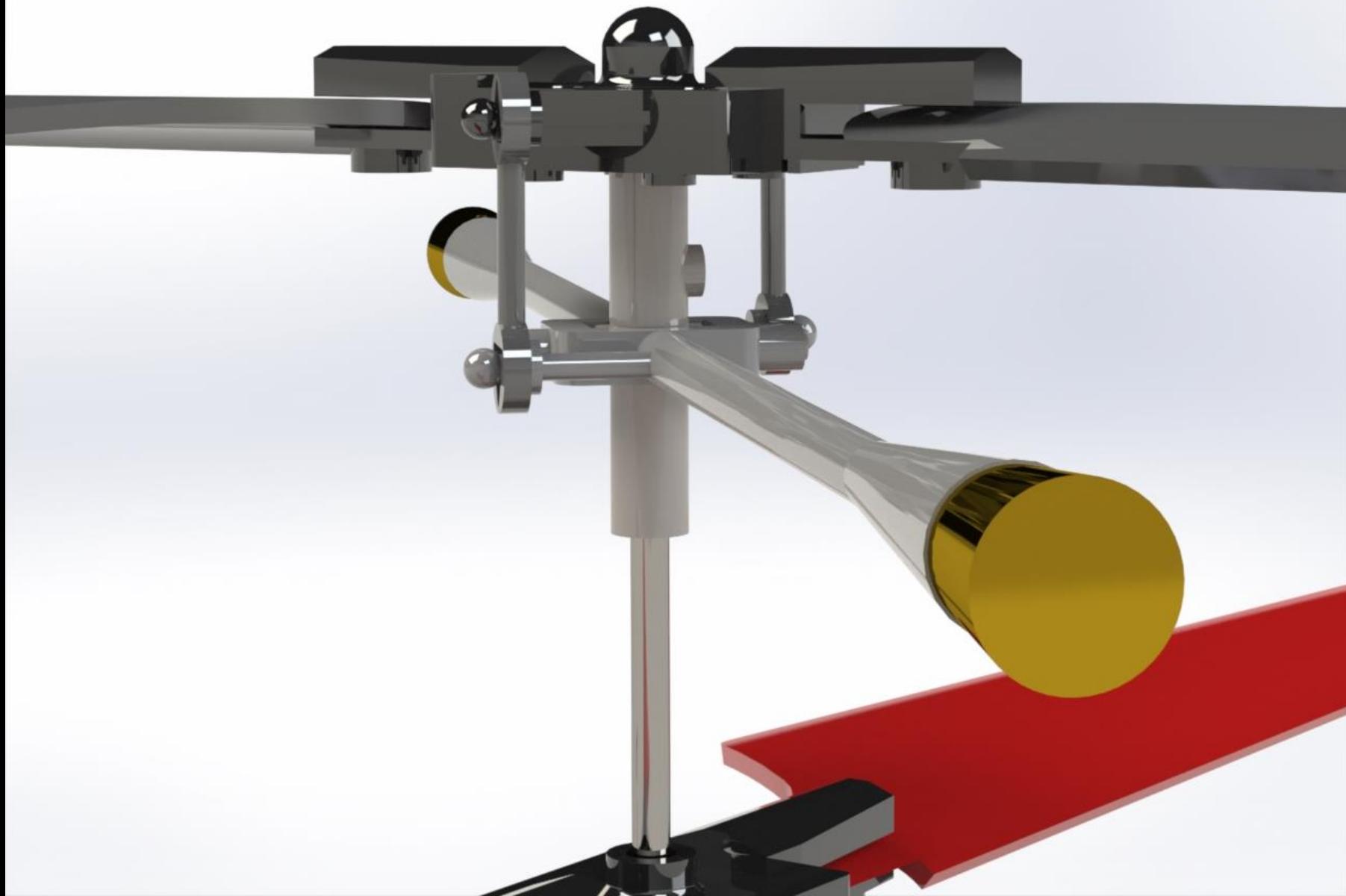


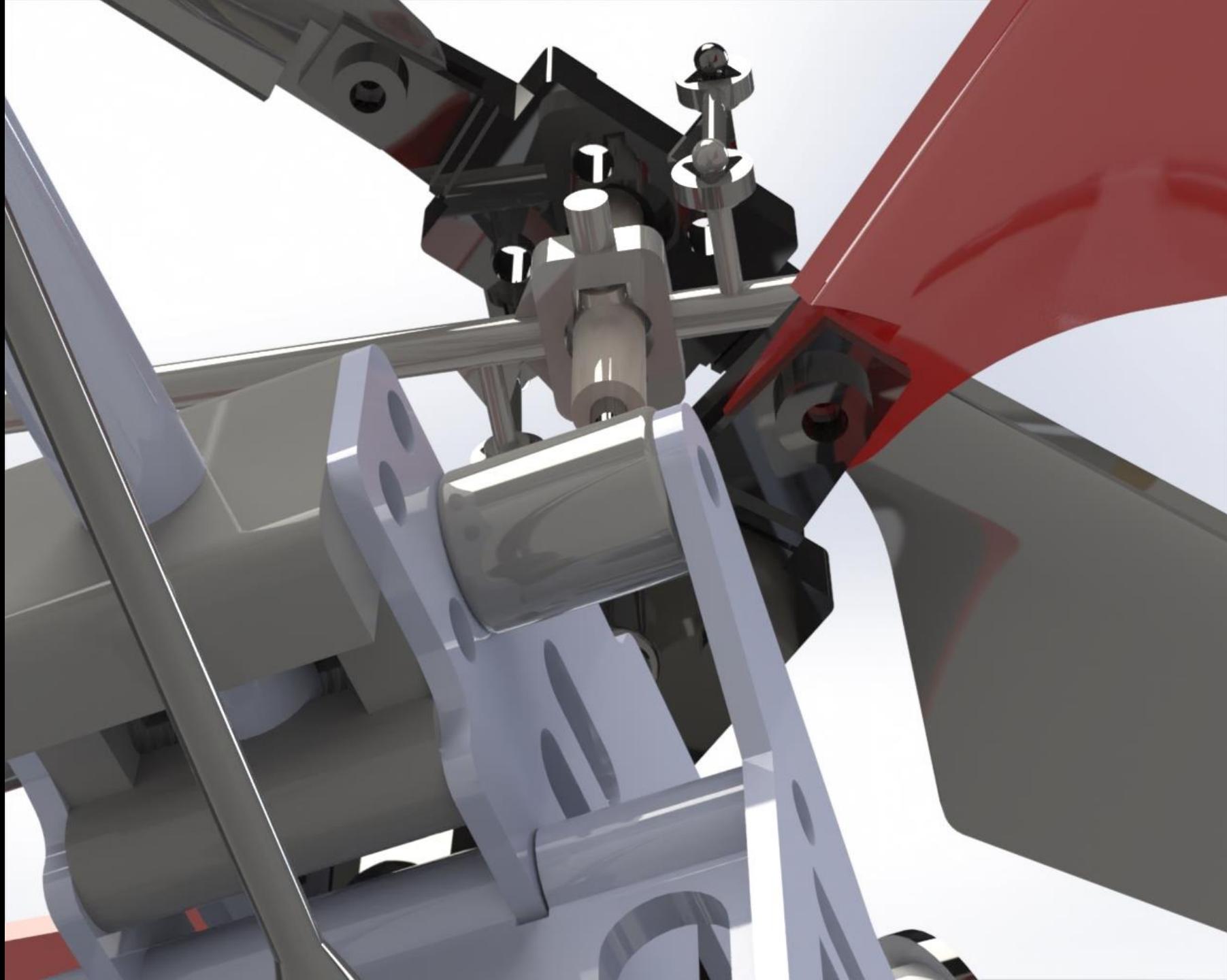


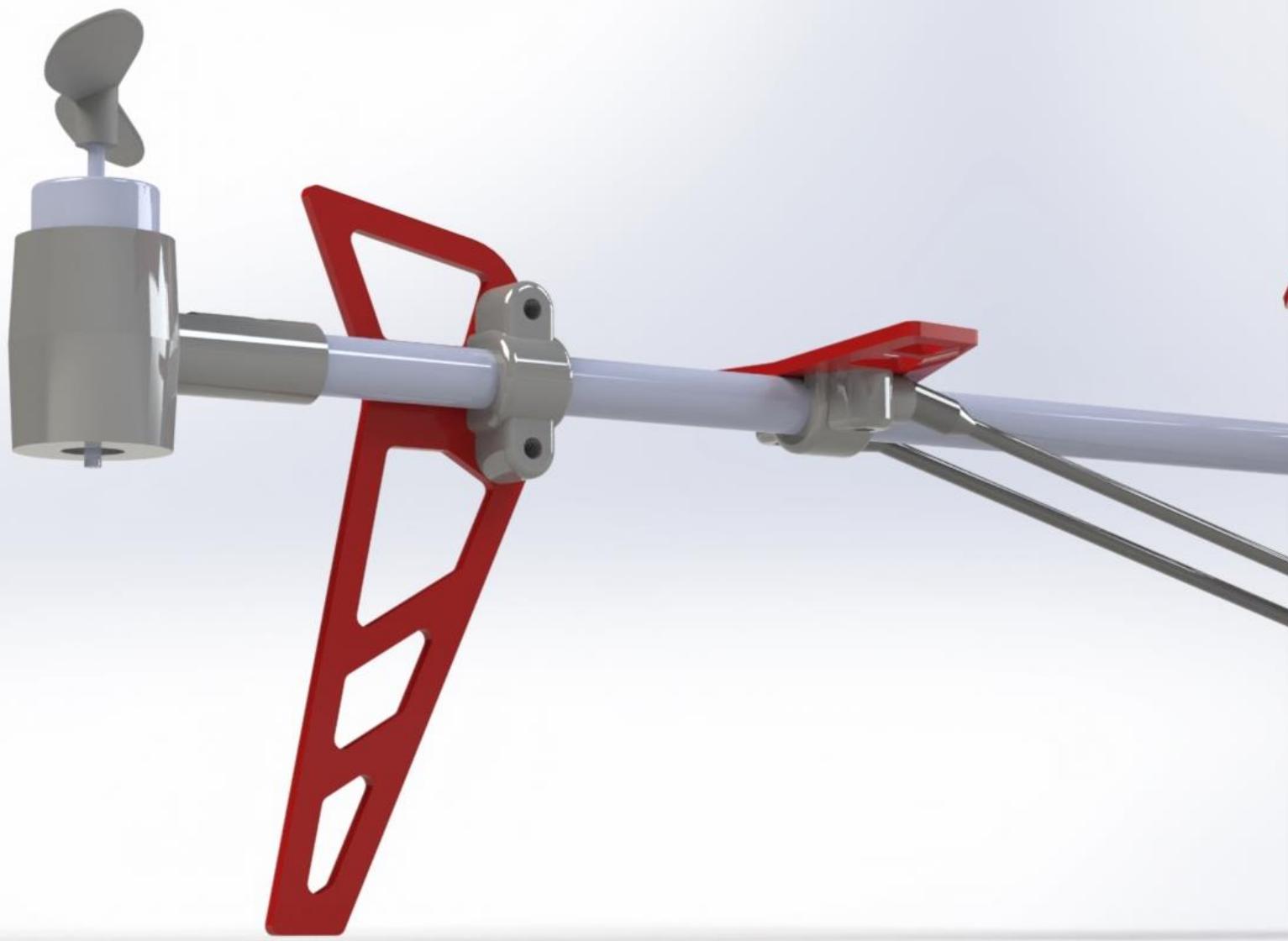


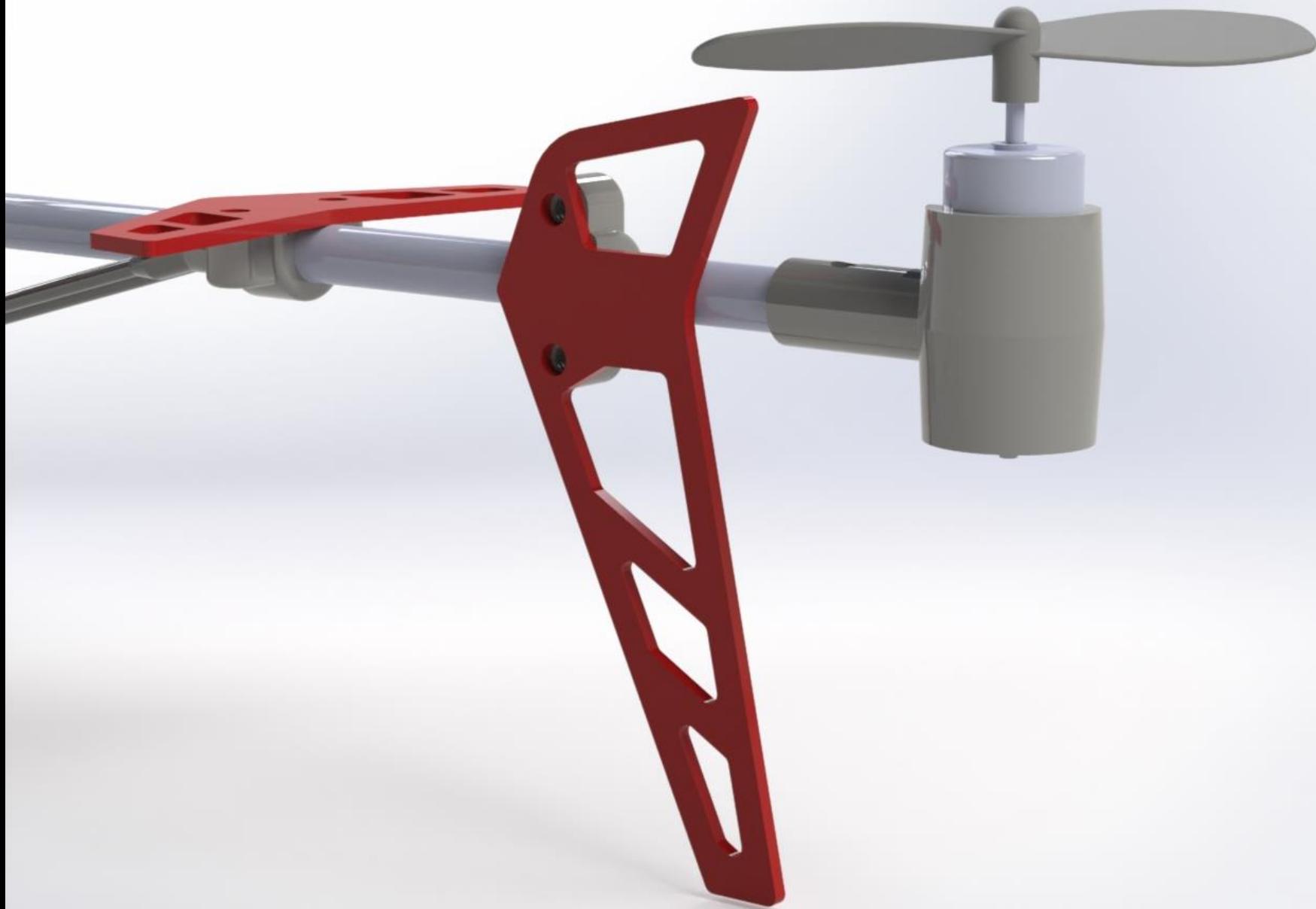


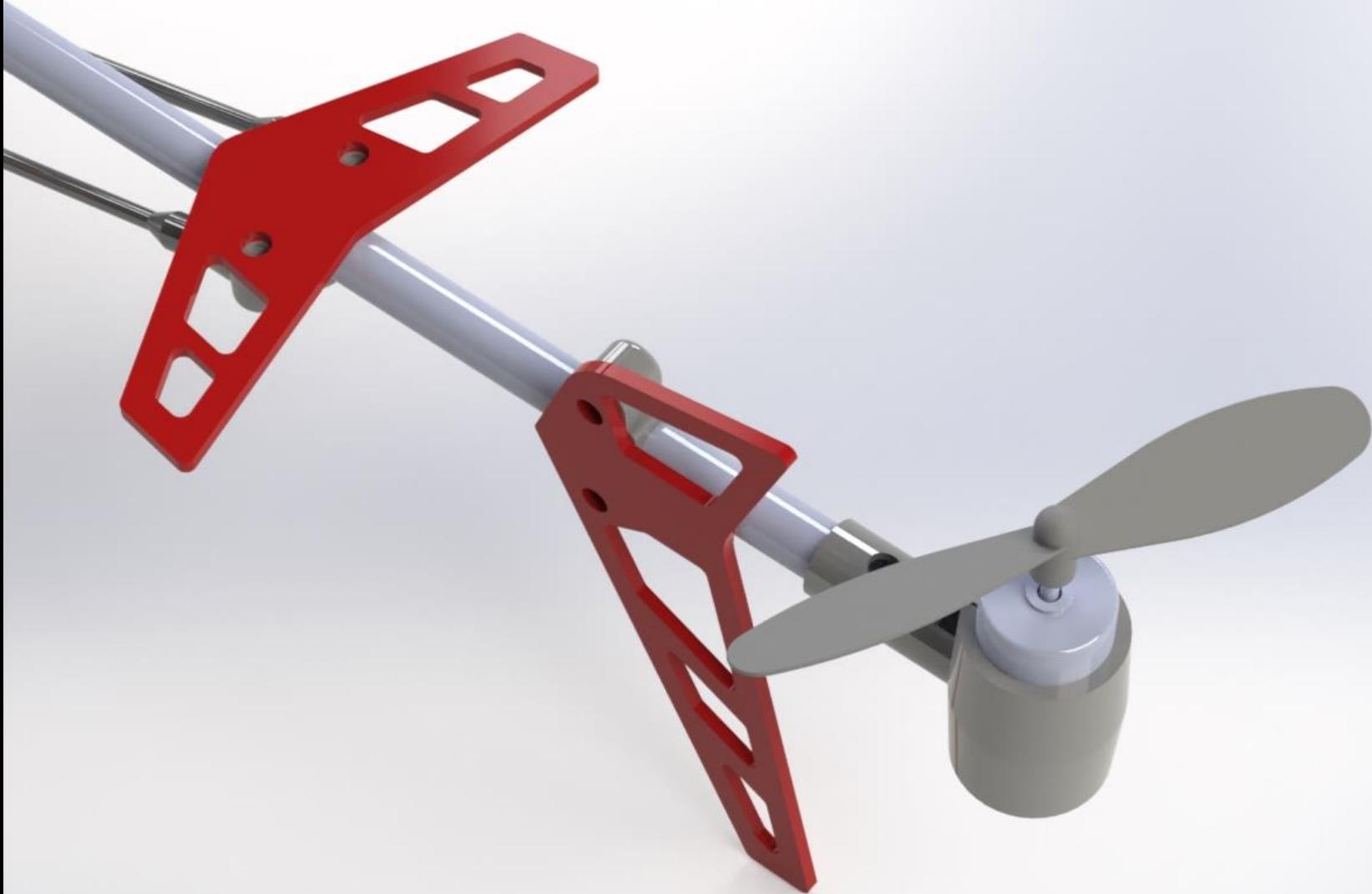


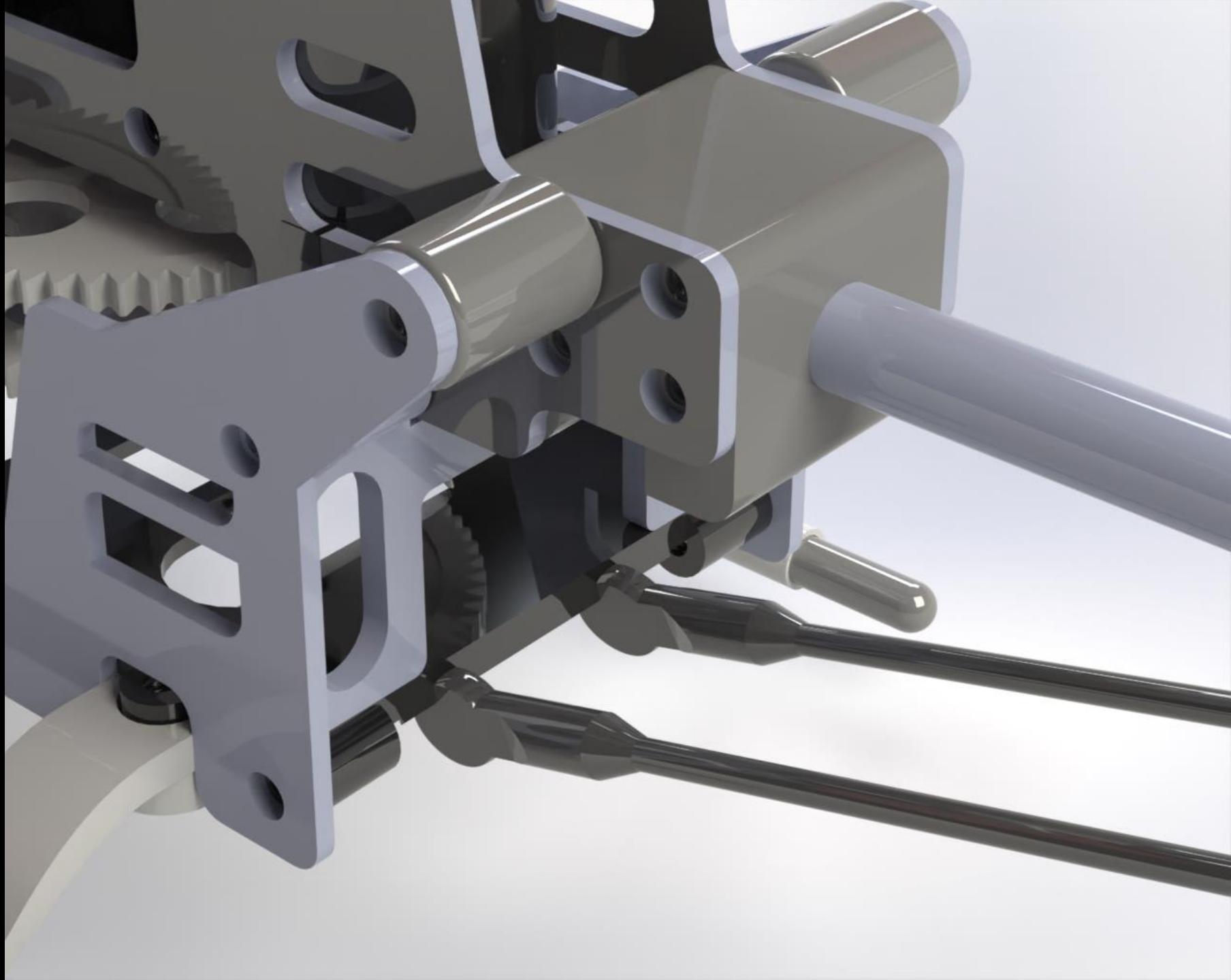






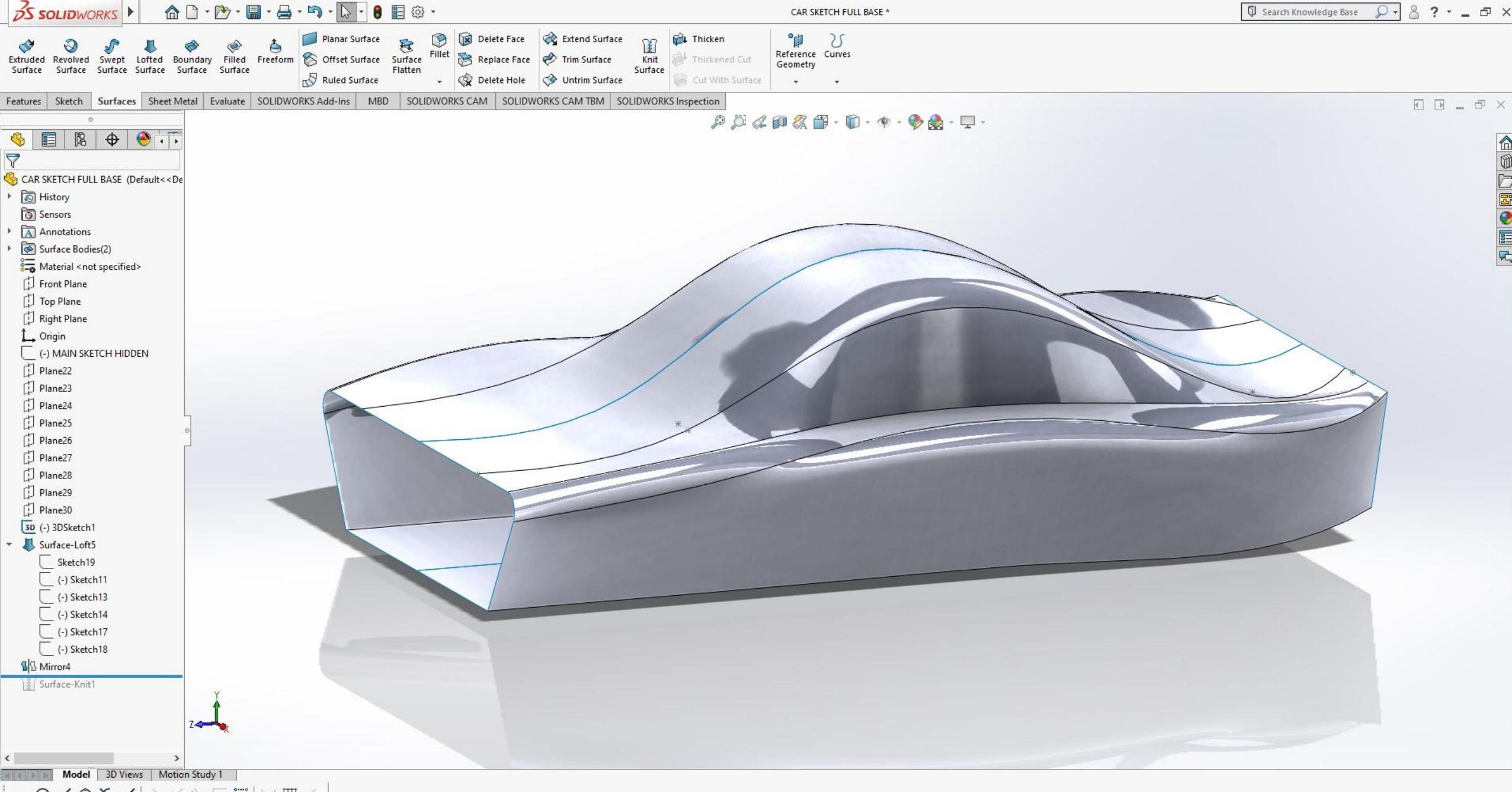






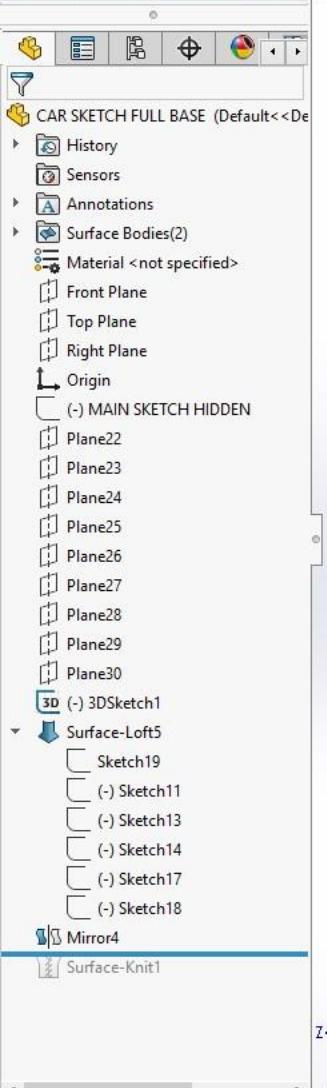








Features Sketch Surfaces Sheet Metal Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS CAM TBM SOLIDWORKS Inspection



Model 3D Views Motion Study 1



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SOLIDWORKS ► Home File Insert Tools View Tools Options Help

Planar Surface Offset Surface Delete Face Extend Surface Thicken
Extruded Surface Lofted Surface Boundary Surface Filled Surface Freeform Surface Flatten Replace Face Trim Surface Thickened Cut
Ruled Surface Delete Hole Untrim Surface Knit Surface Reference Geometry Curves
Features Sketch Surfaces Sheet Metal Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS CAM TBM SOLIDWORKS Inspection

CAR SKETCH FULL BASE *

Search Knowledge Base

Extruded Surface Revolved Surface Swept Surface Lofted Surface Boundary Surface Filled Surface Freeform Surface Offset Surface Delete Face Extend Surface Thicken Surface Fillet Replace Face Trim Surface Thickened Cut Knit Surface Reference Geometry Curves Ruled Surface Delete Hole Untrim Surface Cut With Surface

Features Sketch Surfaces Sheet Metal Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS CAM TBM SOLIDWORKS Inspection

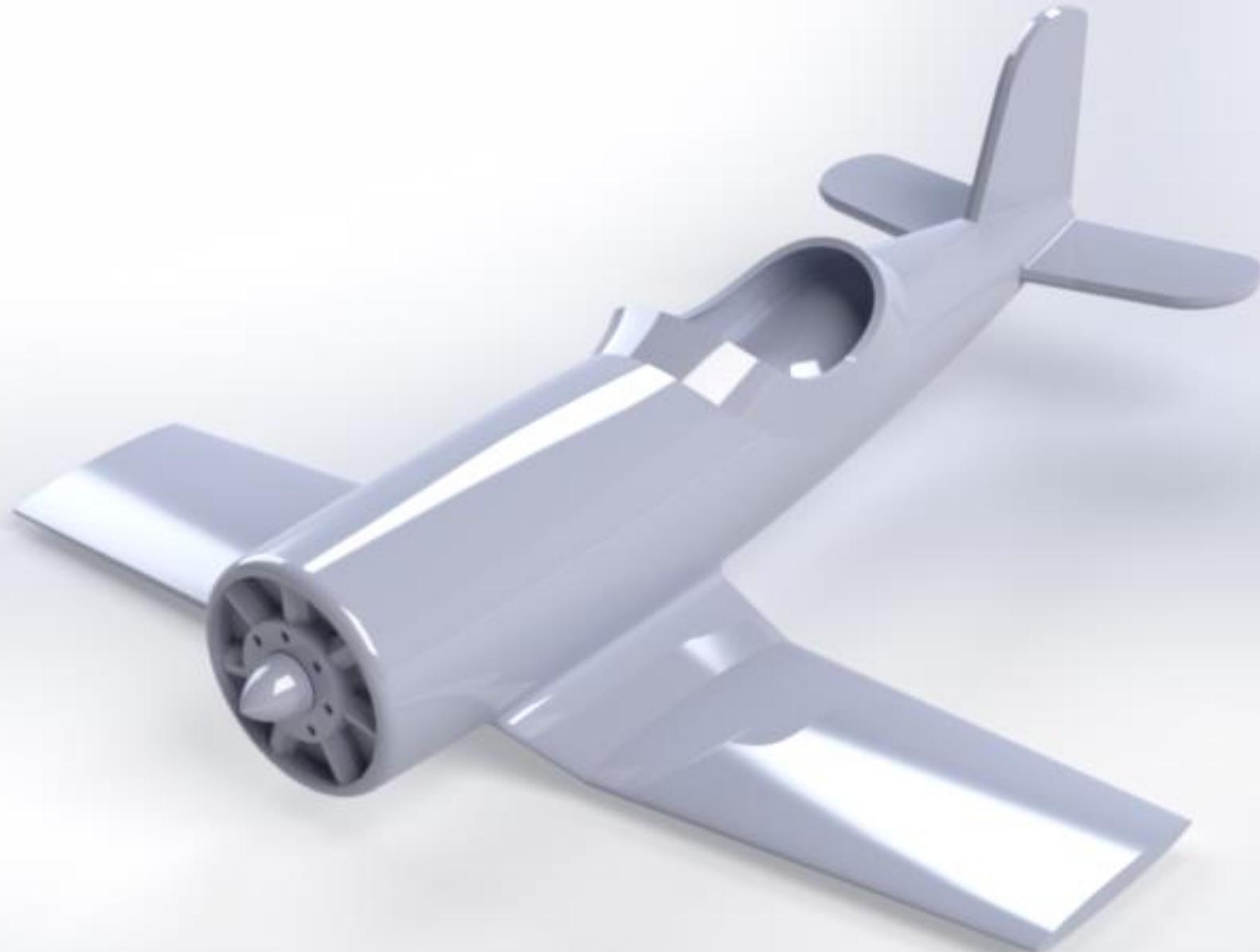
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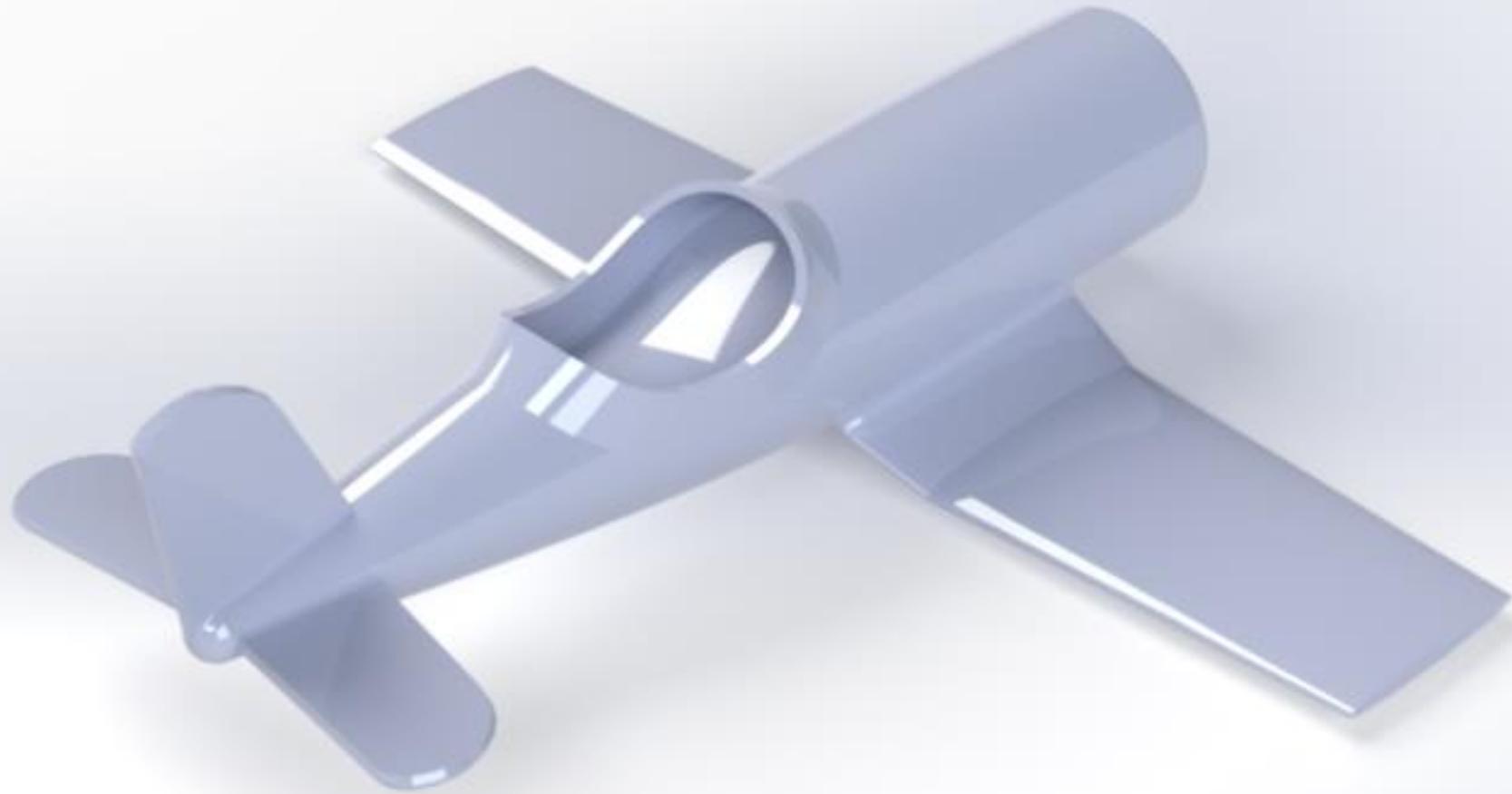
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 - Right Plane
 - Origin
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 - Plane23
 - Plane24
 - Plane25
 - Plane26
 - Plane27
 - Plane28
 - Plane29
 - Plane30
- 3D (-) 3DSketch1
 - Surface-Loft5
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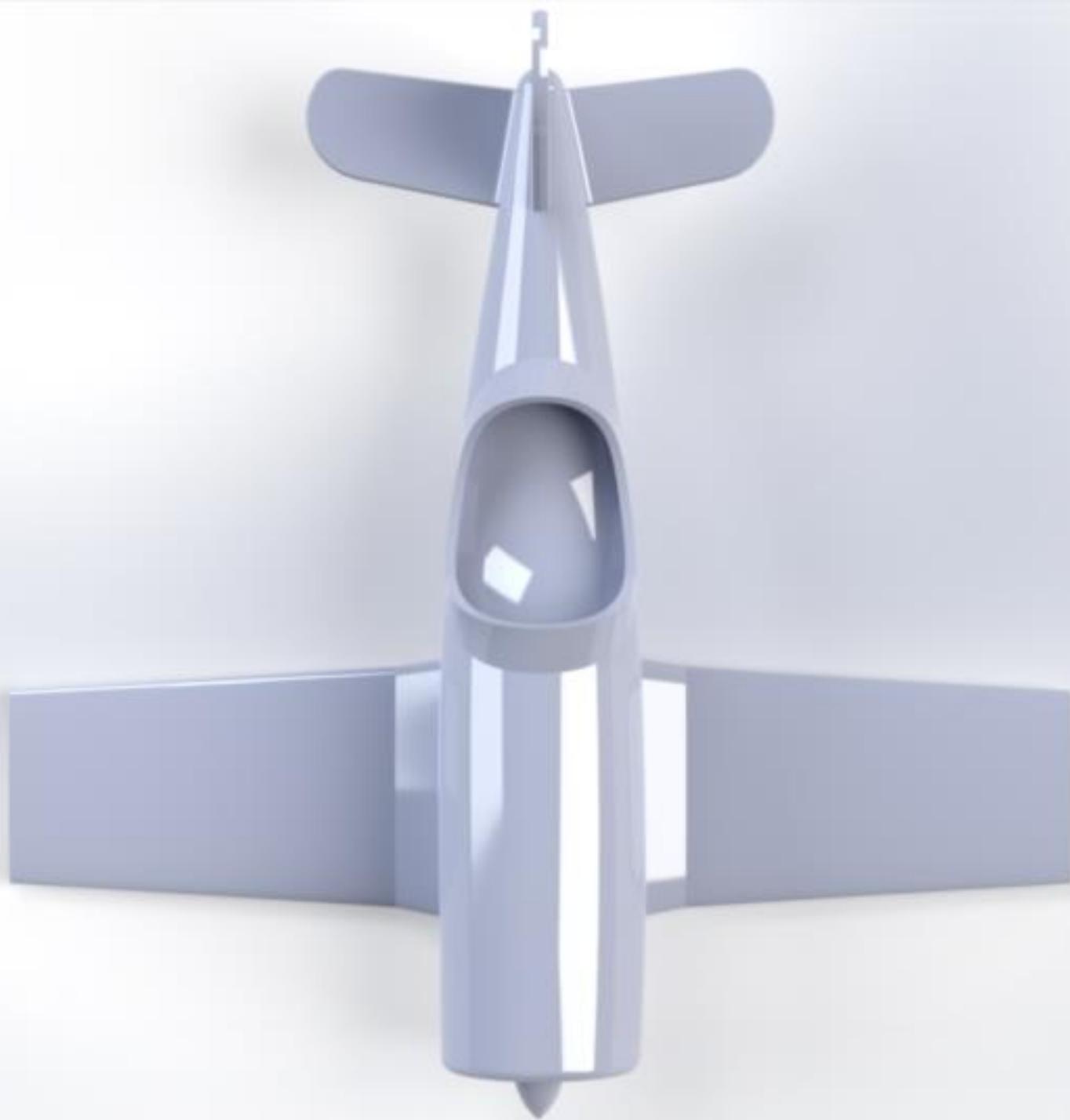
Model 3D Views Motion Study 1

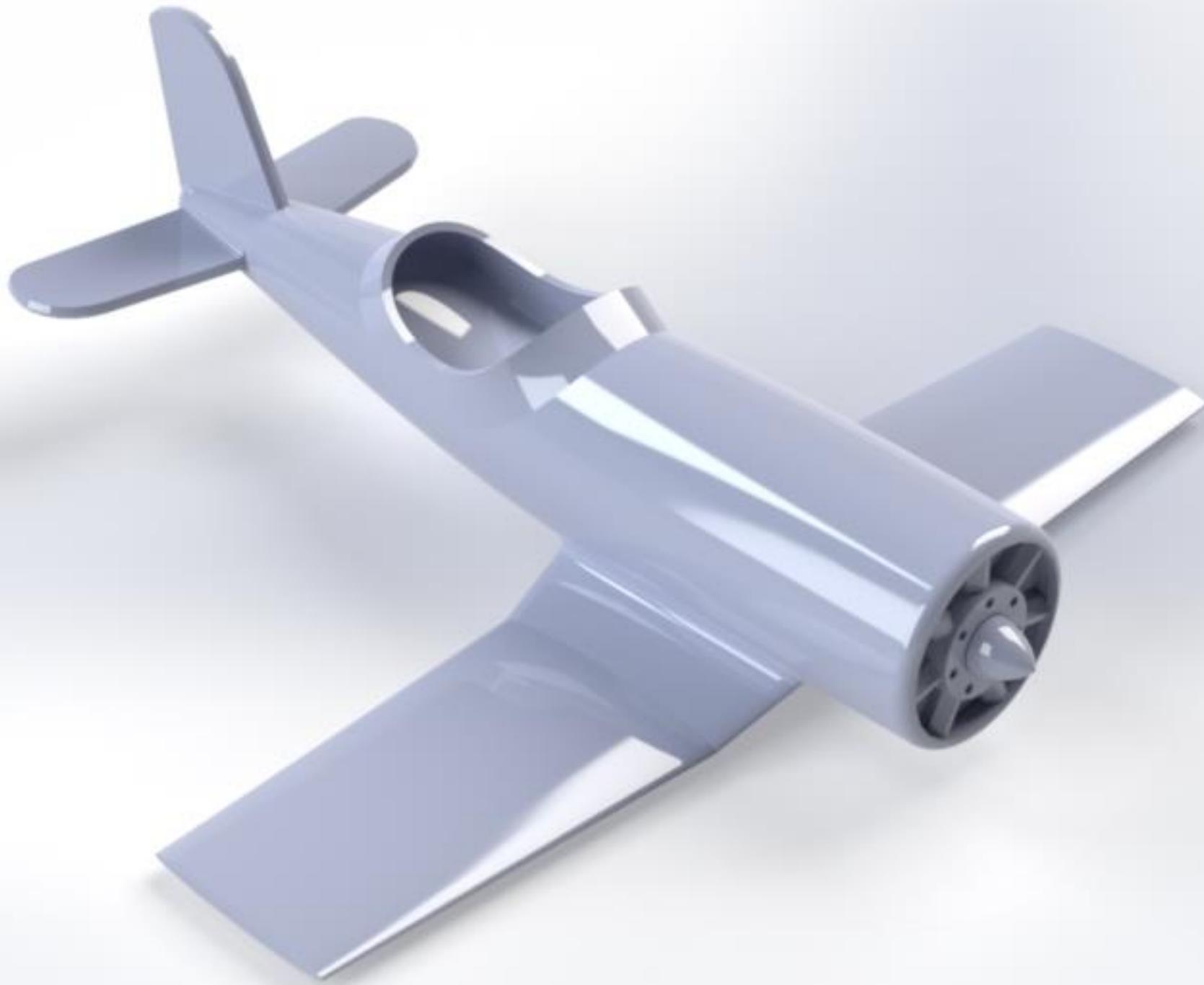
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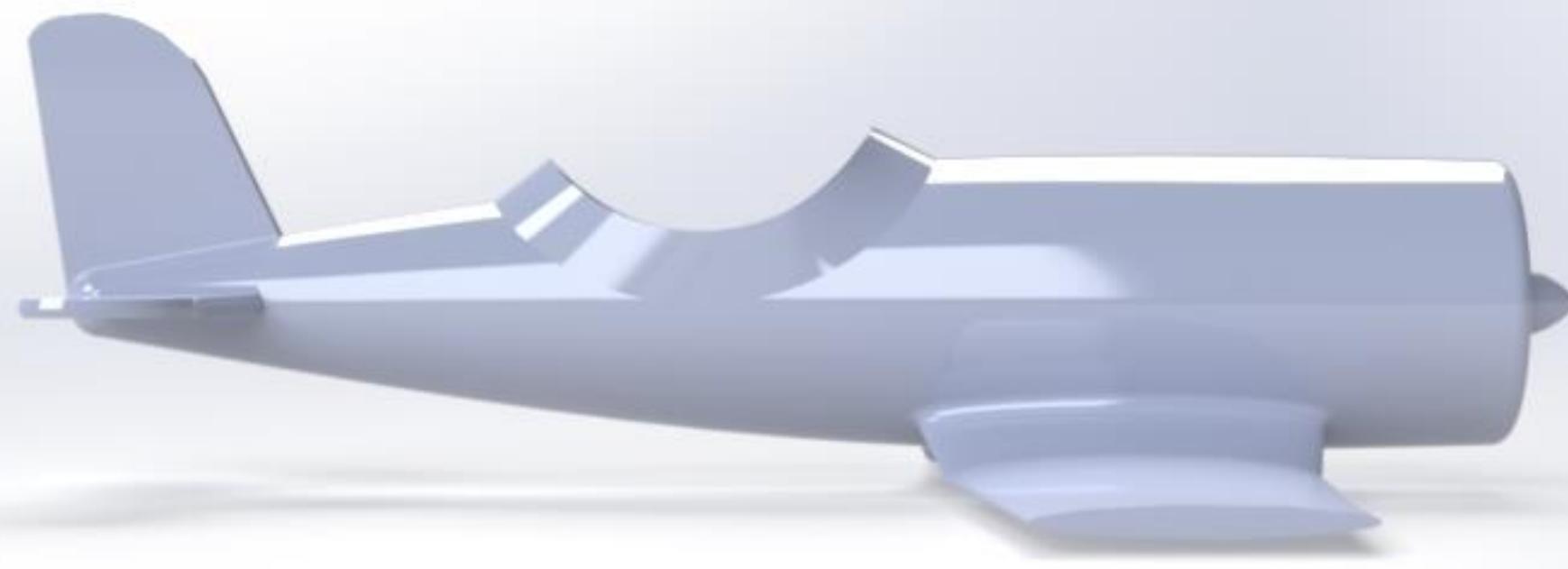
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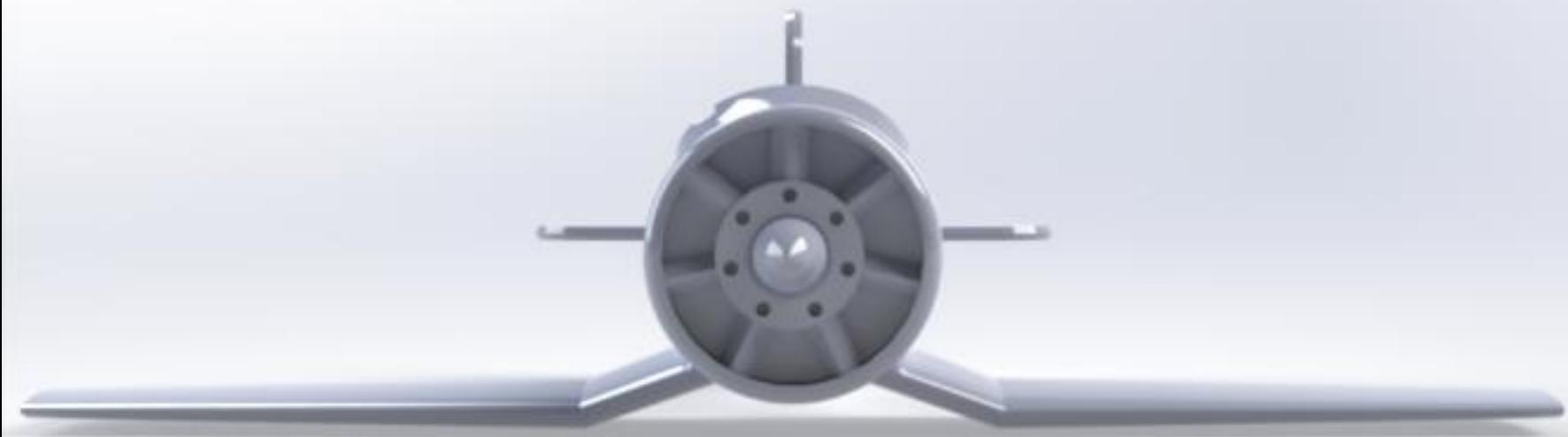


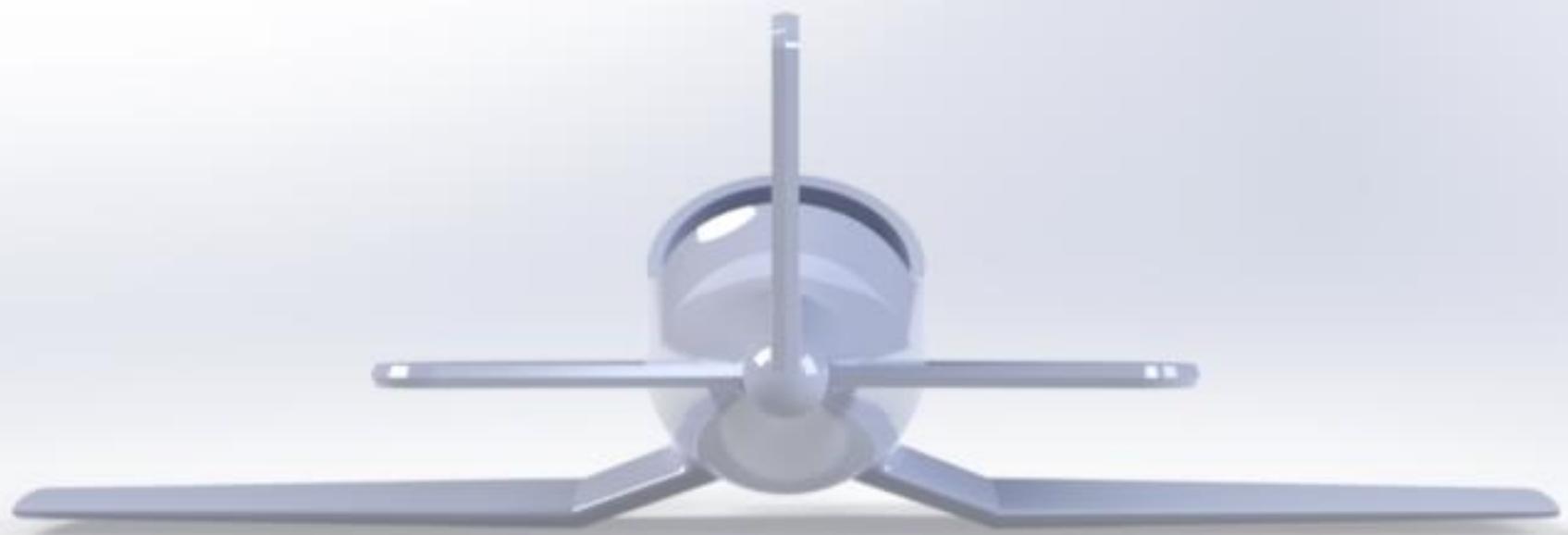


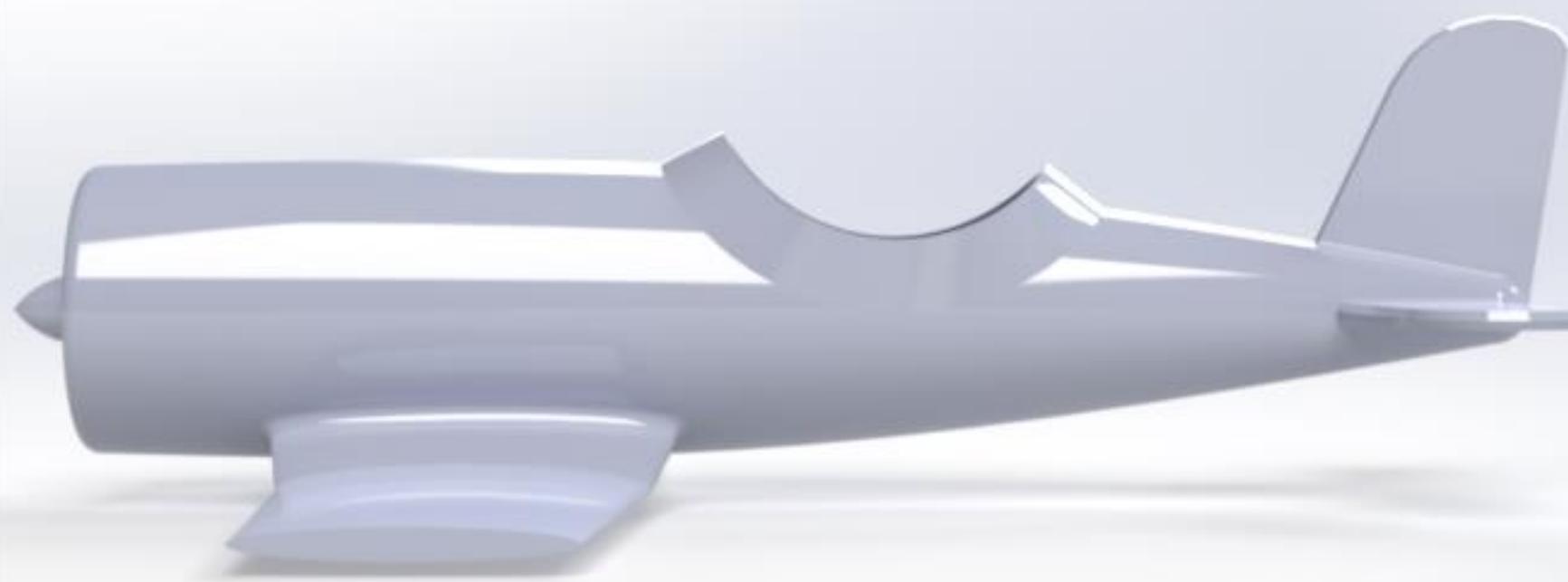






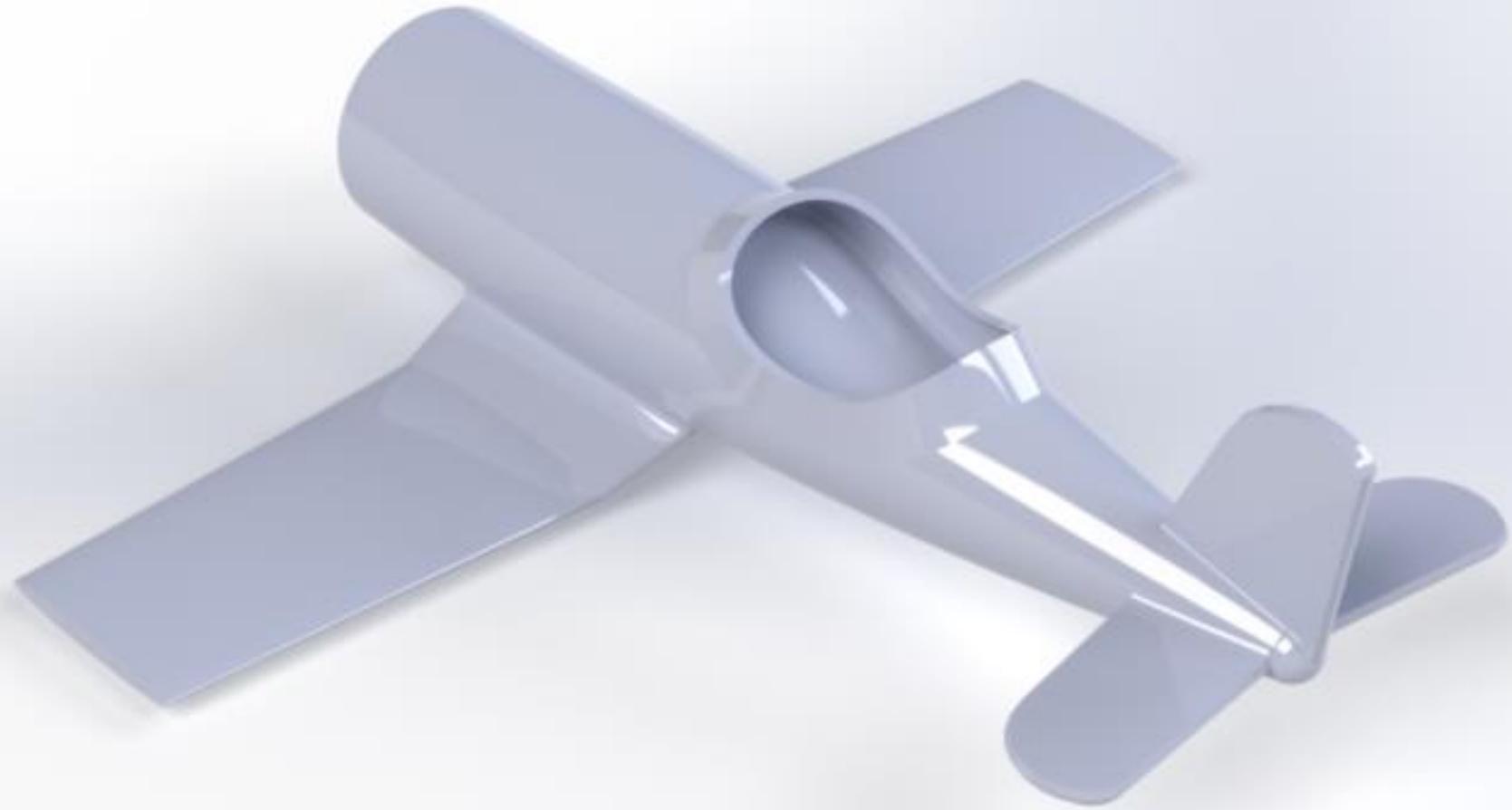








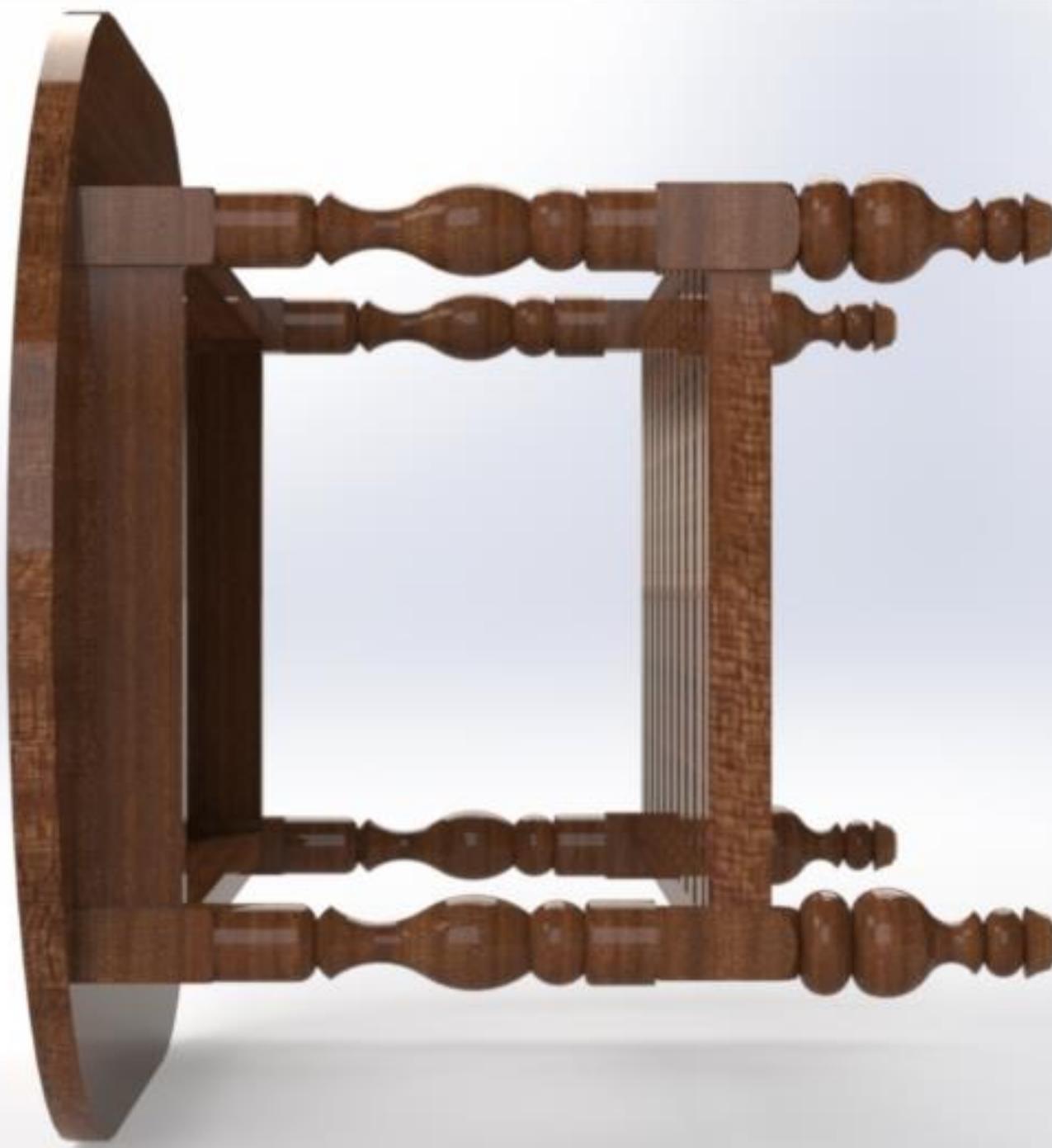
























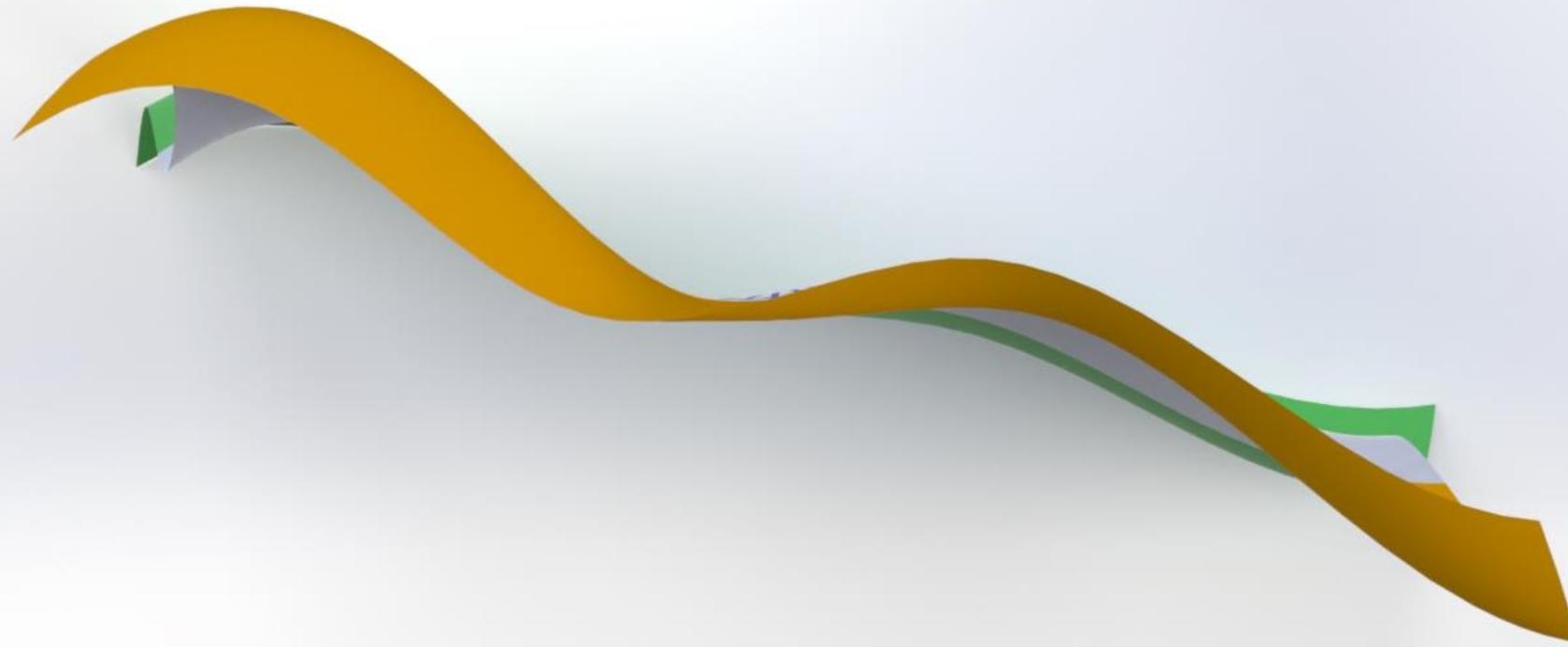






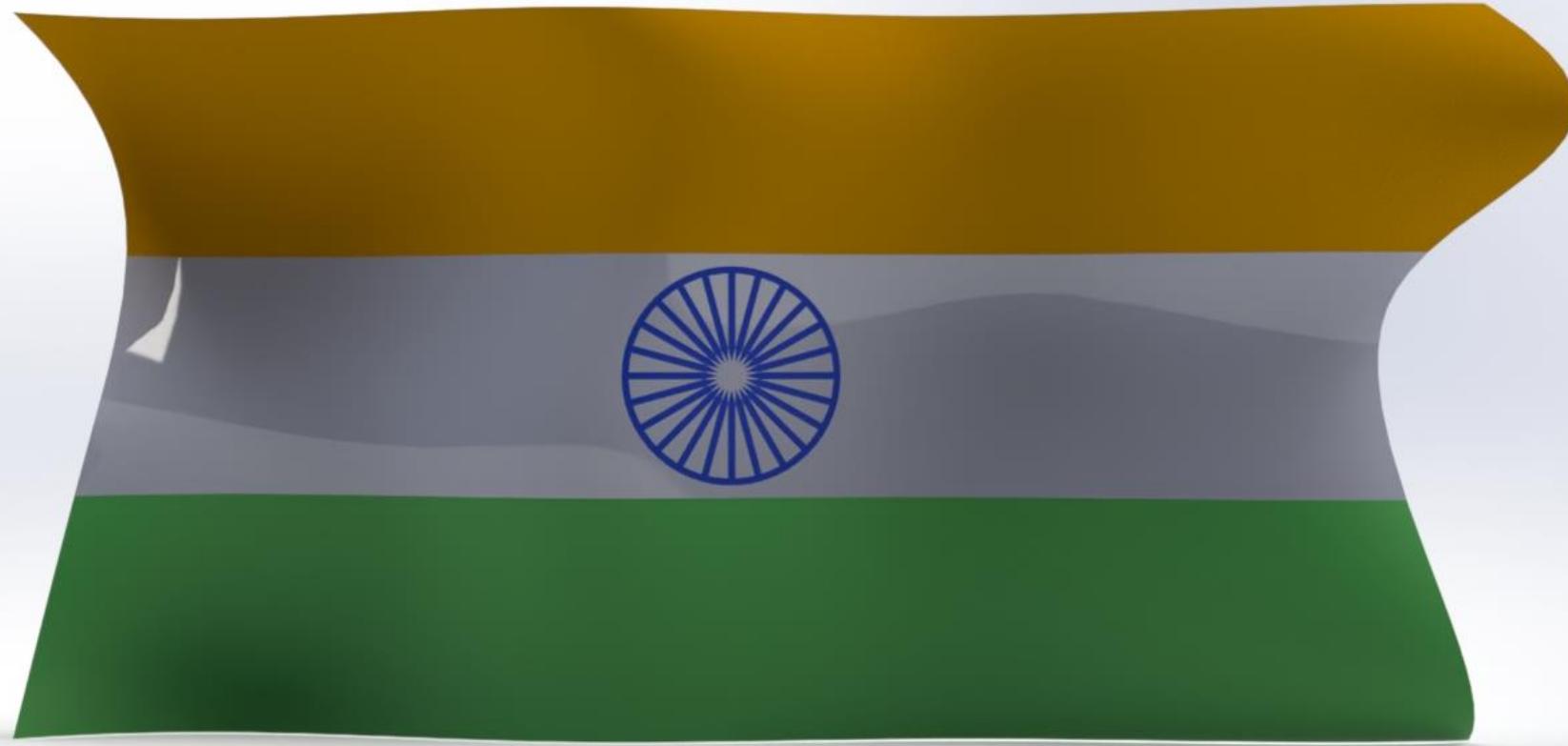








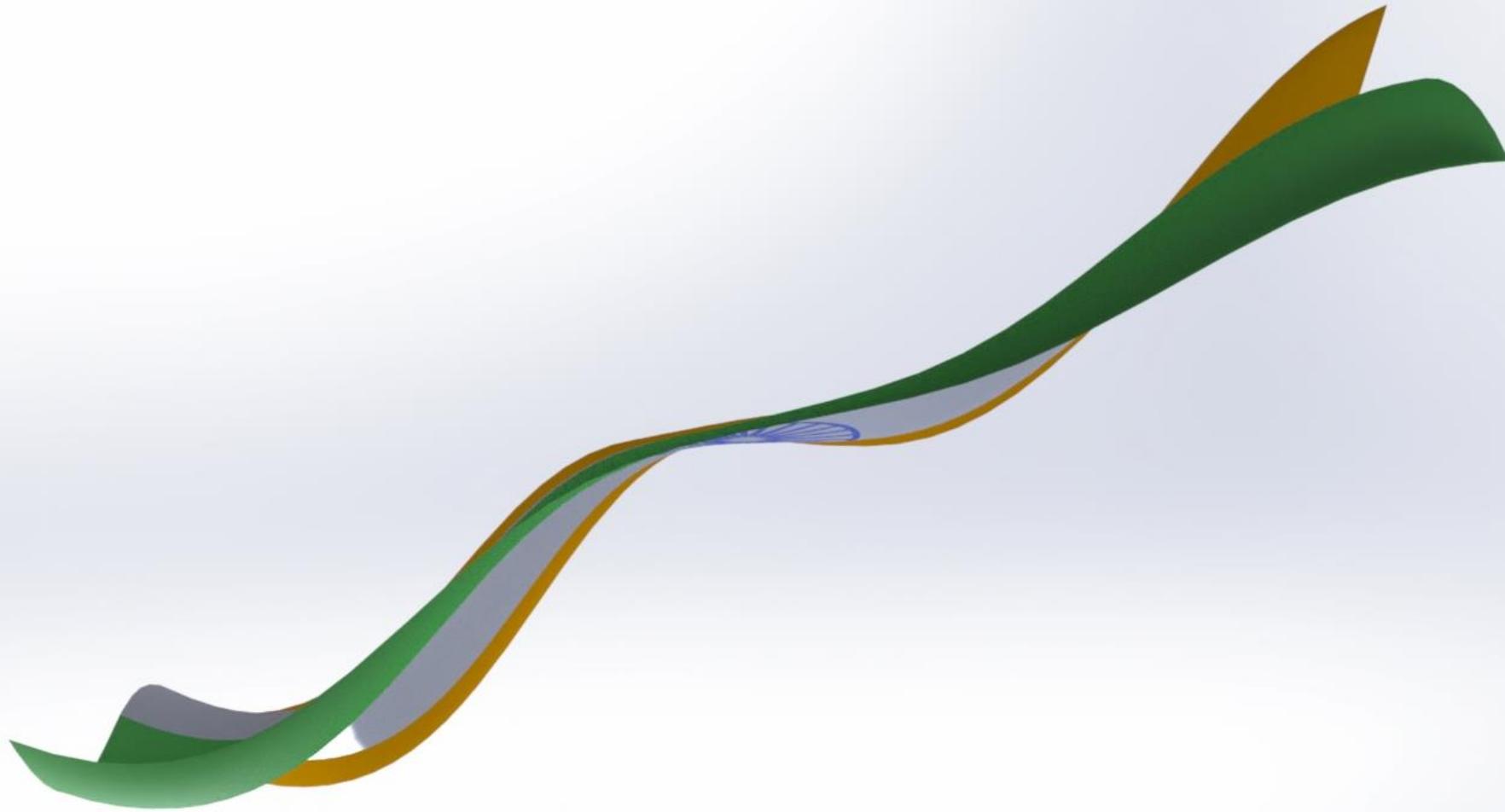


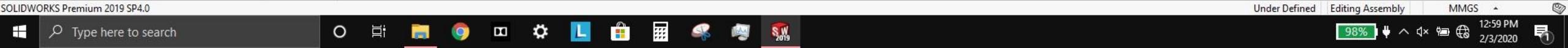
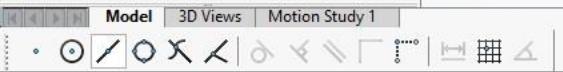
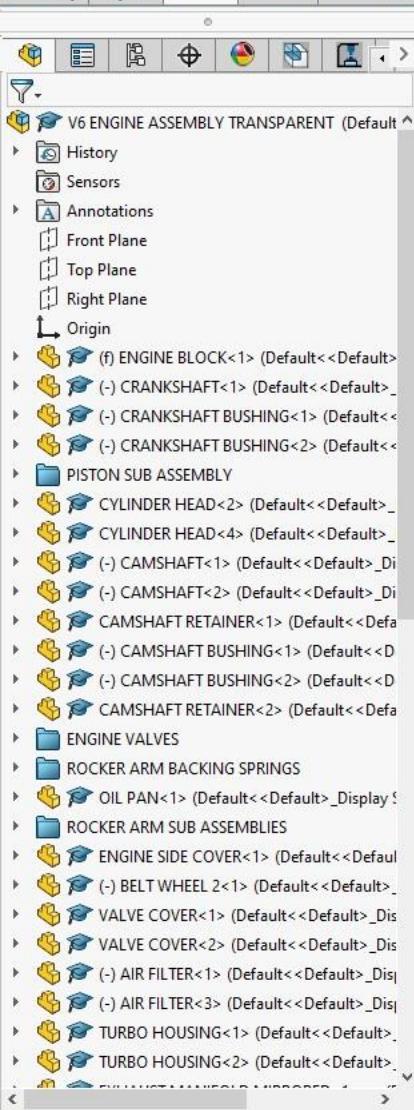
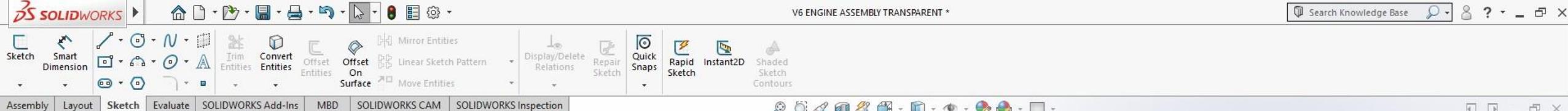












SOLIDWORKS V6 ENGINE ASSEMBLY TRANSPARENT *

Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern Repair Sketch Quick Snaps Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

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- Sensors
- Annotations
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- Top Plane
- Right Plane
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Appearances, Scenes, and Decals
Click to display this task pane tab.

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Model 3D Views Motion Study 1

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Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

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Search Knowledge Base

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern Display/Delete Relations Repair Sketch Quick Snaps Rapid Sketch Instant2D Shaded Sketch Contours

History Sensors Annotations Front Plane Top Plane Right Plane Origin

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Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

File Home Insert Tools Properties View Window Help

V6 ENGINE ASSEMBLY TRANSPARENT (Default)

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Model 3D Views Motion Study 1

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Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern On Surface Move Entities Display/Delete Relations Repair Sketch Quick Snaps Rapid Sketch Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

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Model 3D Views Motion Study 1

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SOLIDWORKS V6 ENGINE ASSEMBLY TRANSPARENT *

Search Knowledge Base

Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern Display/Delete Relations Repair Sketch Quick Snaps Rapid Sketch Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

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Model 3D Views Motion Study 1

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V6 ENGINE ASSEMBLY TRANSPARENT *

Search Knowledge Base

Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern On Surface Display/Delete Relations Repair Sketch Quick Snaps Rapid Sketch Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

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SOLIDWORKS V6 ENGINE ASSEMBLY TRANSPARENT * Search Knowledge Base

Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern On Surface Move Entities Display/Delete Relations Repair Sketch Quick Snaps Rapid Sketch Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

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Model 3D Views Motion Study 1

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V6 ENGINE ASSEMBLY TRANSPARENT *

Search Knowledge Base

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Display/Delete Relations Quick Snaps Rapid Sketch Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

Home Insert Tools Features Dimensions Sketching Surface Pattern Assembly Design Tables

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SOLIDWORKS V6 ENGINE ASSEMBLY TRANSPARENT *

Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern Repair Sketch Quick Snaps Rapid Sketch Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

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Search Knowledge Base

Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern Repair Sketch Quick Snaps Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

V6 ENGINE ASSEMBLY TRANSPARENT (Default)

- History
- Sensors
- Annotations
- Front Plane
- Top Plane
- Right Plane
- Origin
- (f) ENGINE BLOCK<1> (Default<<Default>>)
- (-) CRANKSHAFT<1> (Default<<Default>>)
- (-) CRANKSHAFT BUSHING<1> (Default<<Default>>)
- (-) CRANKSHAFT BUSHING<2> (Default<<Default>>)
- PISTON SUB ASSEMBLY
- CYLINDER HEAD<2> (Default<<Default>>)
- CYLINDER HEAD<4> (Default<<Default>>)
- (-) CAMSHAFT<1> (Default<<Default>>_Di
- (-) CAMSHAFT<2> (Default<<Default>>_Di
- CAMSHAFT RETAINER<1> (Default<<Defa
- (-) CAMSHAFT BUSHING<1> (Default<<Defa
- (-) CAMSHAFT BUSHING<2> (Default<<Defa
- CAMSHAFT RETAINER<2> (Default<<Defa
- ENGINE VALVES
- ROCKER ARM BACKING SPRINGS
- OIL PAN<1> (Default<<Default>>_Display)
- ROCKER ARM SUB ASSEMBLIES
- ENGINE SIDE COVER<1> (Default<<Default>>)
- (-) BELT WHEEL 2<1> (Default<<Default>>_Dis
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- (-) AIR FILTER<3> (Default<<Default>>_Dis
- TURBO HOUSING<1> (Default<<Default>>)
- TURBO HOUSING<2> (Default<<Default>>)

Model 3D Views Motion Study 1

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V6 ENGINE ASSEMBLY TRANSPARENT *

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- ENGINE SIDE COVER<1> (Default<<Default>>)
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- VALVE COVER<2> (Default<<Default>>_Dis
- (-) AIR FILTER<1> (Default<<Default>>_Dis
- (-) AIR FILTER<3> (Default<<Default>>_Dis
- TURBO HOUSING<1> (Default<<Default>>_
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Model 3D Views Motion Study 1

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V6 ENGINE ASSEMBLY TRANSPARENT *

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Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern Display/Delete Relations Repair Sketch Quick Snaps Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

V6 ENGINE ASSEMBLY TRANSPARENT (Default)

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- EXHAUST MANIFOLD & HOPPER

Model 3D Views Motion Study 1

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SOLIDWORKS V6 ENGINE ASSEMBLY TRANSPARENT * Search Knowledge Base

Sketch Smart Dimension Trim Entities Convert Entities Offset Entities Mirror Entities Linear Sketch Pattern Repair Sketch Quick Snaps Instant2D Shaded Sketch Contours

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection

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Model 3D Views Motion Study 1

SOLIDWORKS Premium 2019 SP4.0 Under Defined Editing Assembly MMGS 10:04 PM 2/3/2020 99%

The image shows a complex 3D CAD model of a V6 engine assembly in a transparent state, allowing a clear view of its internal mechanical parts. The model includes the engine block, crankshaft, connecting rods, pistons, and valves. The exterior of the engine is shown in a dark grey or black material, while the internal components are rendered in a light brown or tan color. The model is displayed on a computer screen with a Windows operating system. On the left side of the screen, there is a vertical browser window showing the file structure of the assembly. The top of the screen features the SOLIDWORKS interface with various toolbars and menus. The bottom of the screen shows the Windows taskbar with icons for other applications like Google Chrome and File Explorer.

SOLIDWORKS V6 ENGINE ASSEMBLY TRANSPARENT *

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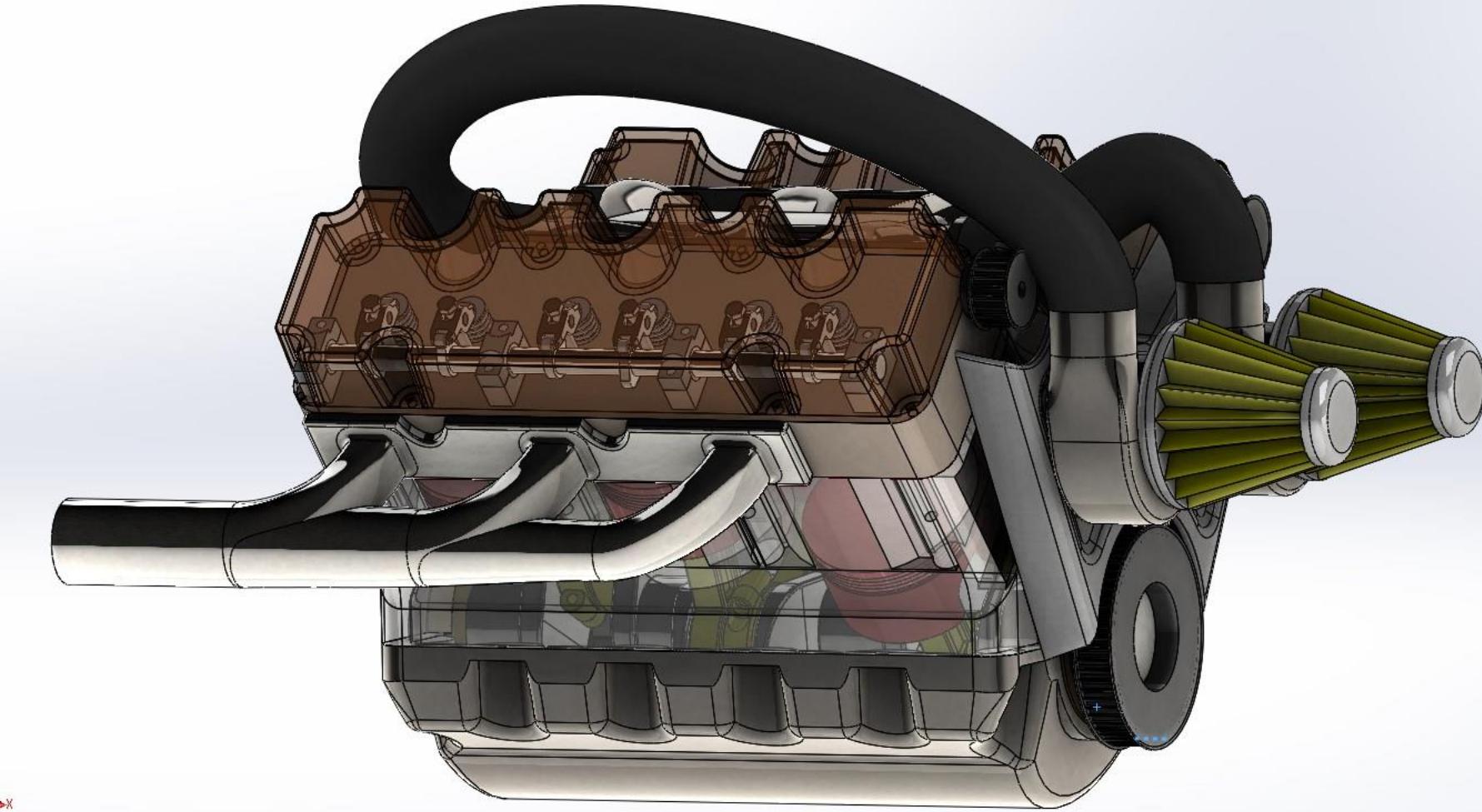
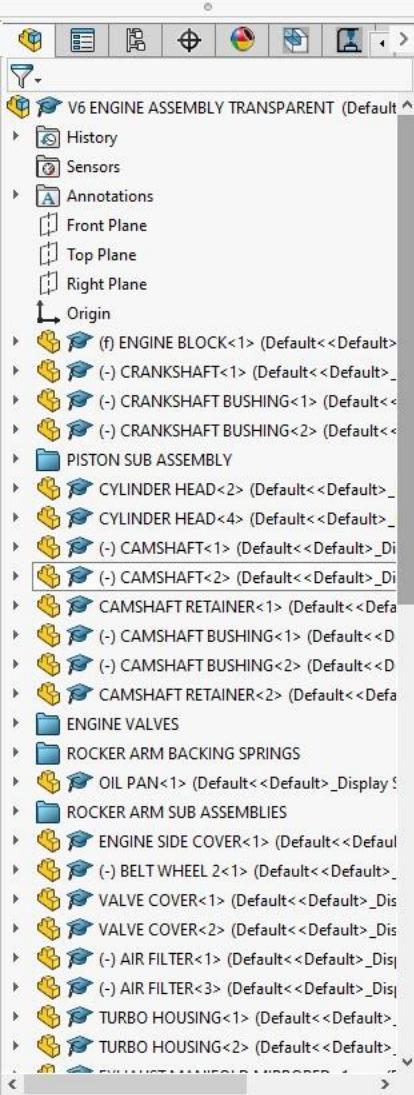
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- (-) AIR FILTER<3> (Default<<Default>_Disj
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- (f) TURBO HOUSING<2> (Default<<Default>_

Model 3D Views Motion Study 1

SOLIDWORKS Premium 2019 SP4.0 Under Defined Editing Assembly MMGS 10:04 PM 2/3/2020 99%

Assembly Layout Sketch Evaluate SOLIDWORKS Add-Ins MBD SOLIDWORKS CAM SOLIDWORKS Inspection



Model 3D Views Motion Study 1

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Length: 27mm Under Defined Editing Assembly MMGS

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