

CNCDan — DIY Sim Rig

Cut List and Assembly Instructions



CNCDan

<https://www.youtube.com/@cncdan>
Contact: cncdanyt@gmail.com

All dimensions in millimeters
All dimensions $\pm 0.1\text{mm}$
unless otherwise specified
All corners .5mm chamfer

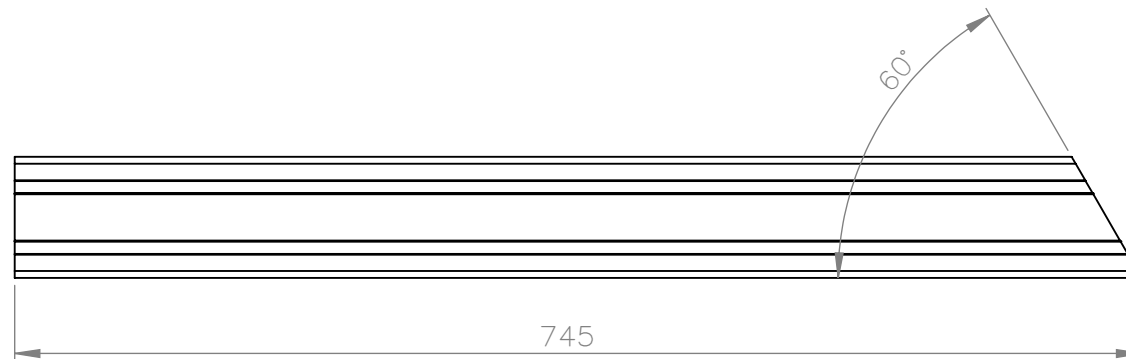
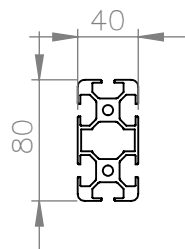


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DATE 03-06-25

Revision: 1.0

SHEET 1 OF 12 A4



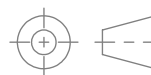
Steering Uprights
Material: 8040 Extrusion
Qty: 2



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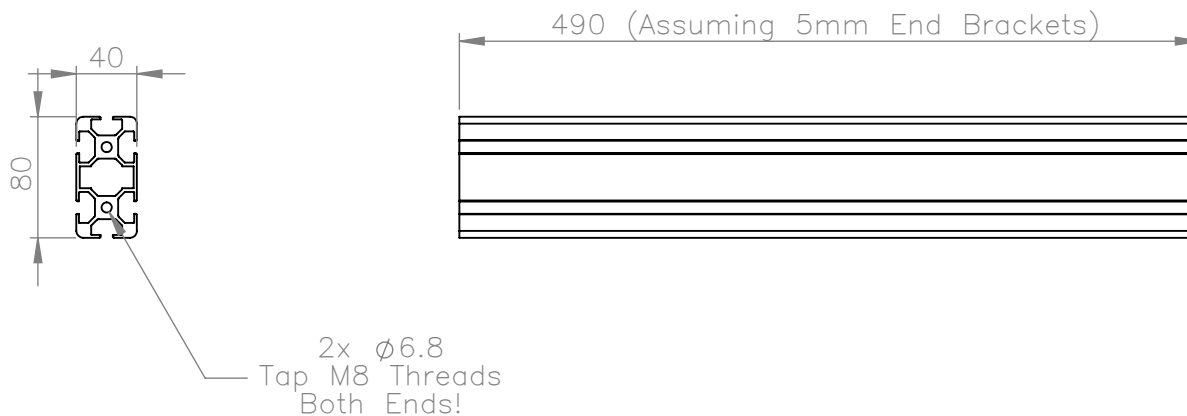


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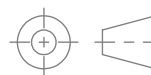
Steering Wheel Bar
Material: 8040 Extrusion
Qty: 1



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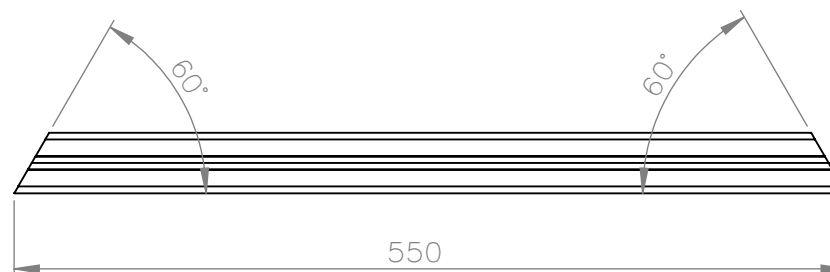
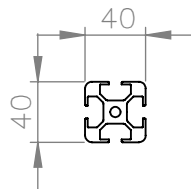


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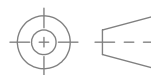
Steering Upright Support – Shifter Side
 Material: 4040 Extrusion
 Qty: 1



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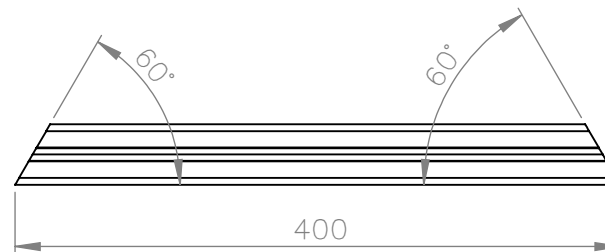
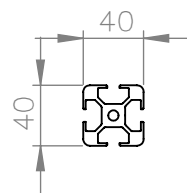


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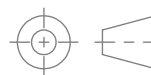
Steering Upright Support – Entry Side
 Material: 4040 Extrusion
 Qty: 1



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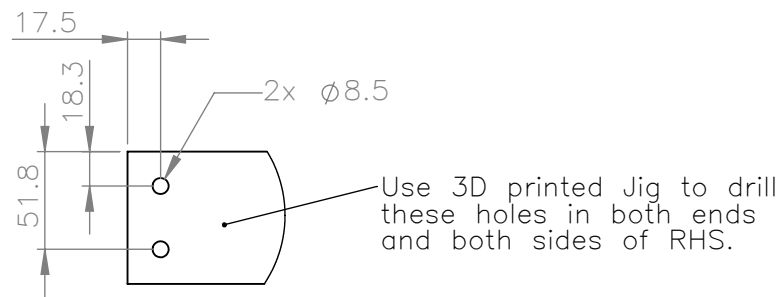


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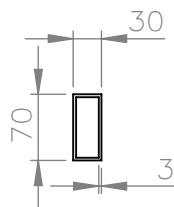
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DETAIL A
SCALE 1 : 4



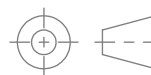
Chassis Side Rail
Material: 70x30x3 Aluminium RHS
Qty: 2



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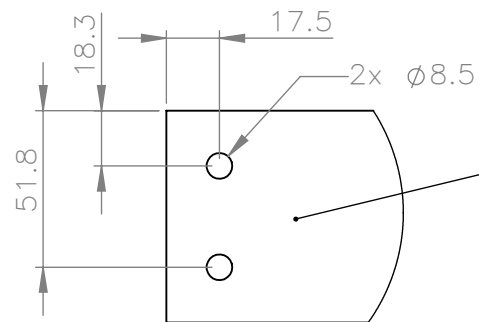


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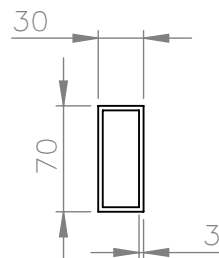
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DETAIL B
SCALE 2 : 5



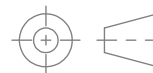
Chassis End
Material: 70x30x3 Aluminium RHS
Qty: 2



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PETG Printed
corner brackets

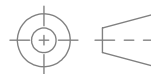
Bolt through RHS with
M8x40 bolts. Use washers
on both sides and a Nyloc
nut.



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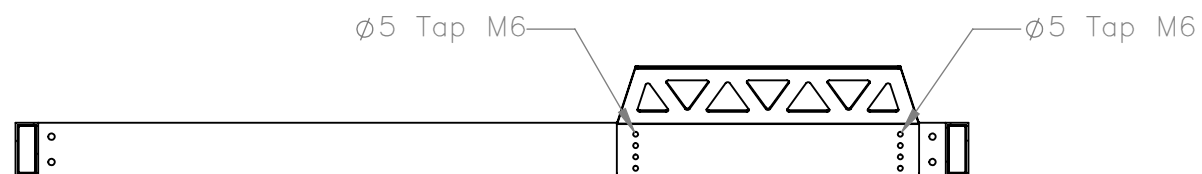
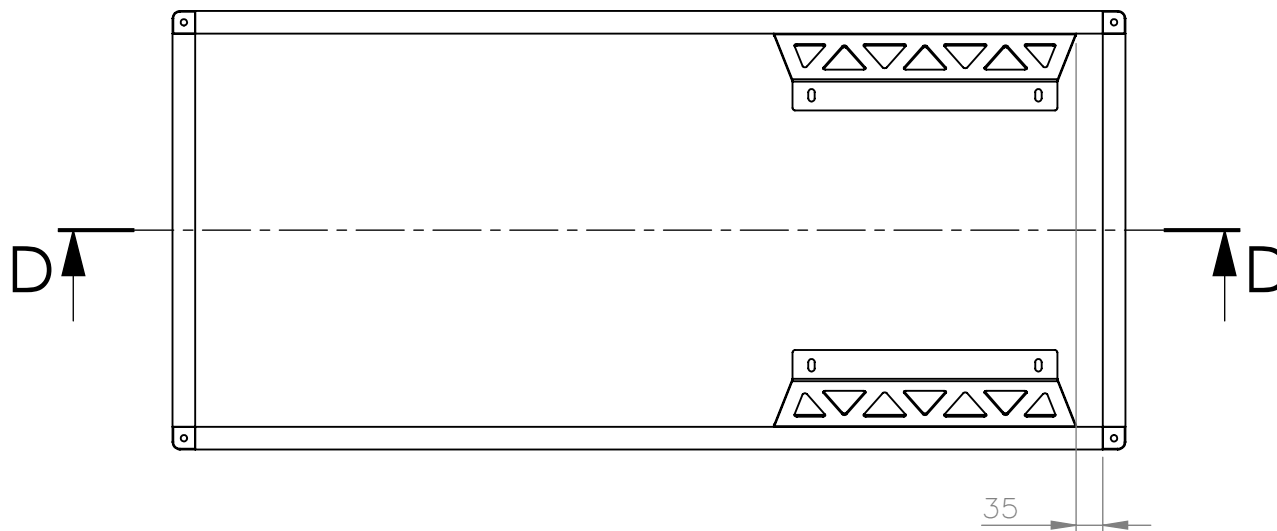


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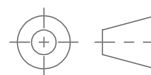
SECTION D-D
SCALE 1 : 10



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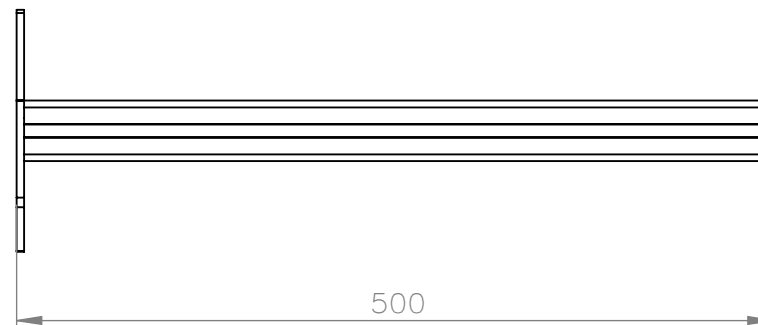
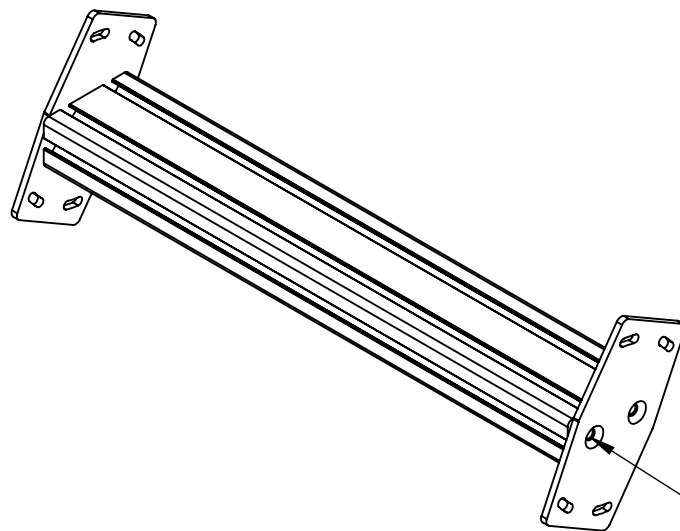


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Overall length should be equal to 500mm. Adjust cut length of 8040 to suit the thickness of your end plates.

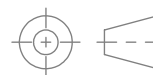
Bolt Steering Support brackets into ends of 8040 Extrusion using M8 Countersunk bolts.



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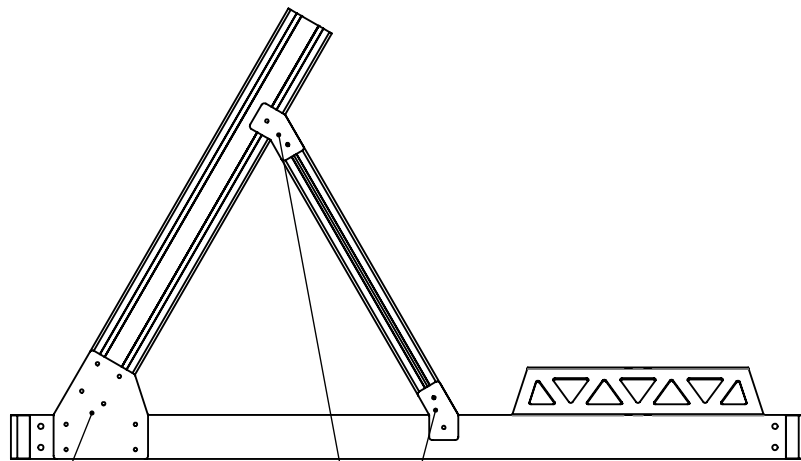


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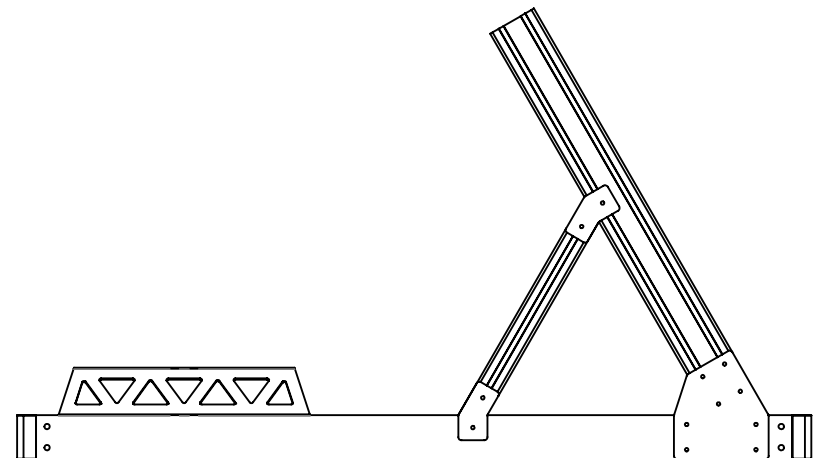
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Ensure all three joints
are sitting flat before
tightening joiner plates.

Shifter Side



Entry Side

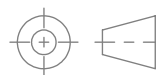
4040 Supports can be swapped to either
side to suit your preference of shifter
location. Right Hand Drive Shown.



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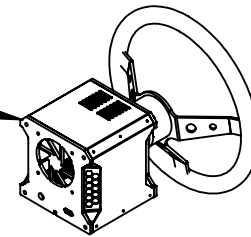
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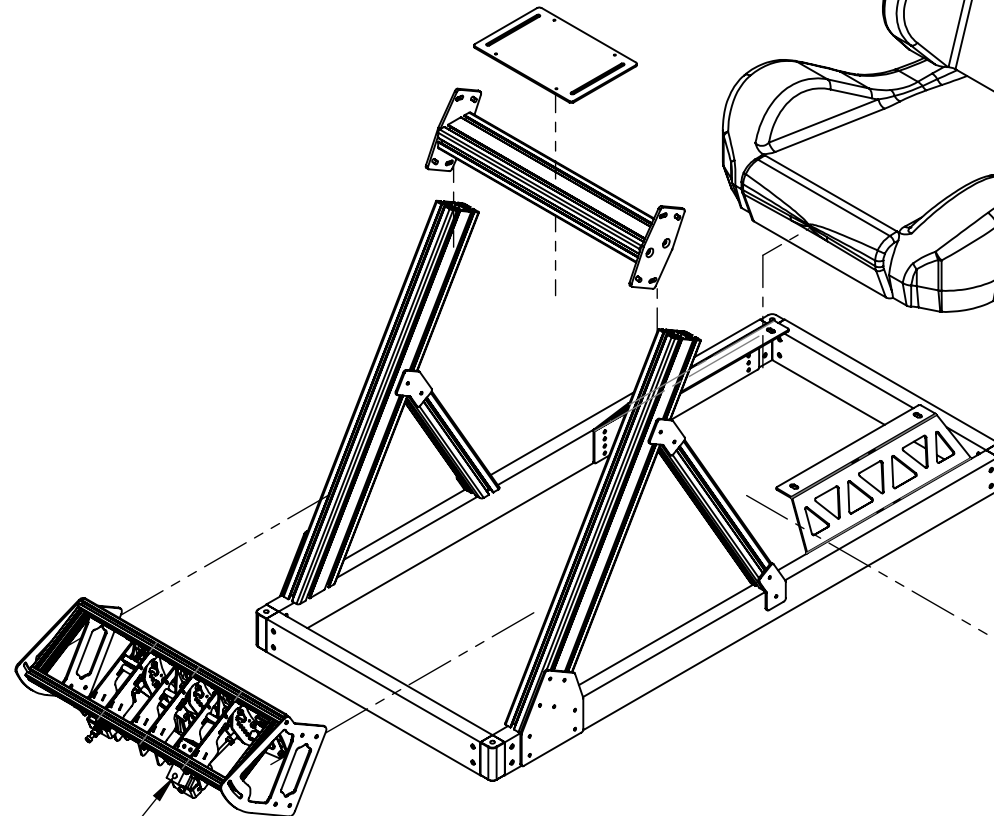
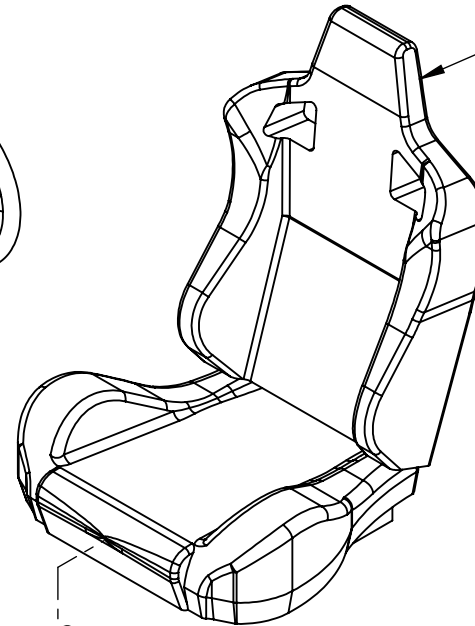
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<https://github.com/dmcke5/FFBeast-Wheel>



Next Level Racing
GTRacer 2.0 Seat



<https://github.com/dmcke5/SimPedals>

<https://github.com/dmcke5/H-Shifter>



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