

Rorty Design

Basic Aluminium Seat Pattern

You can make a strong, light race seat from aluminium sheet using this pattern. Most fibreglass and blow-moulded polypropylene seats weigh well in excess of 5kg [11lbs] yet this seat weighs just 4.9kg [10.5lbs].

The seat can be attached directly to the chassis or raised on the included seat mounts. The seat mounts allow for raising and lowering the seat and also allow the seat to be reclined.

The best padding to use for the back and sides of the seat is high density foam and the corners should be packed out with triangular strips of foam too. Confor memory foam is ideal for the seat base and will reduce fatigue during long periods in the seat.

If you require a custom seat pattern, please contact me at info@rorty-design.com and I will be happy to oblige for a small consideration.



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A3

FIRST ANGLE PROJECTION



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- UNLESS SPECIFIED OTHERWISE:
1. ALL DIMENSIONS ARE IN MILLIMETERS
 2. REMOVE ALL BURRS & SHARP EDGES
 3. CORNER RADII R0.75
 4. CHAMFER SIZE 0.75 x 45°
 5. CONCENTRICITY 0.05 TIR

UNLESS SPECIFIED OTHERWISE: TOLERANCES ANGULAR ± 0.5°

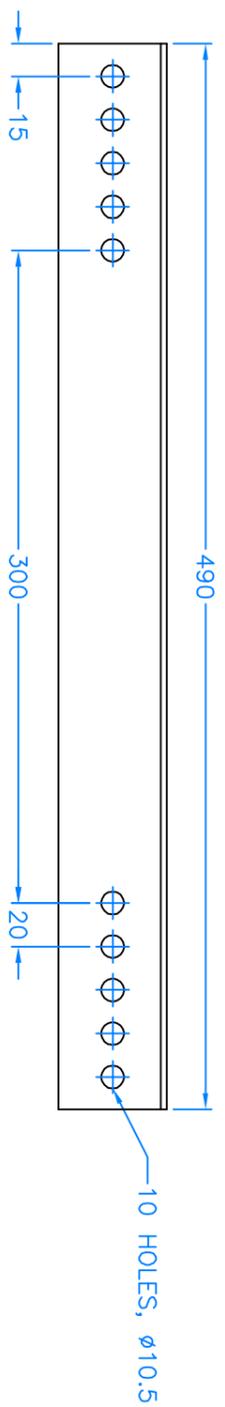
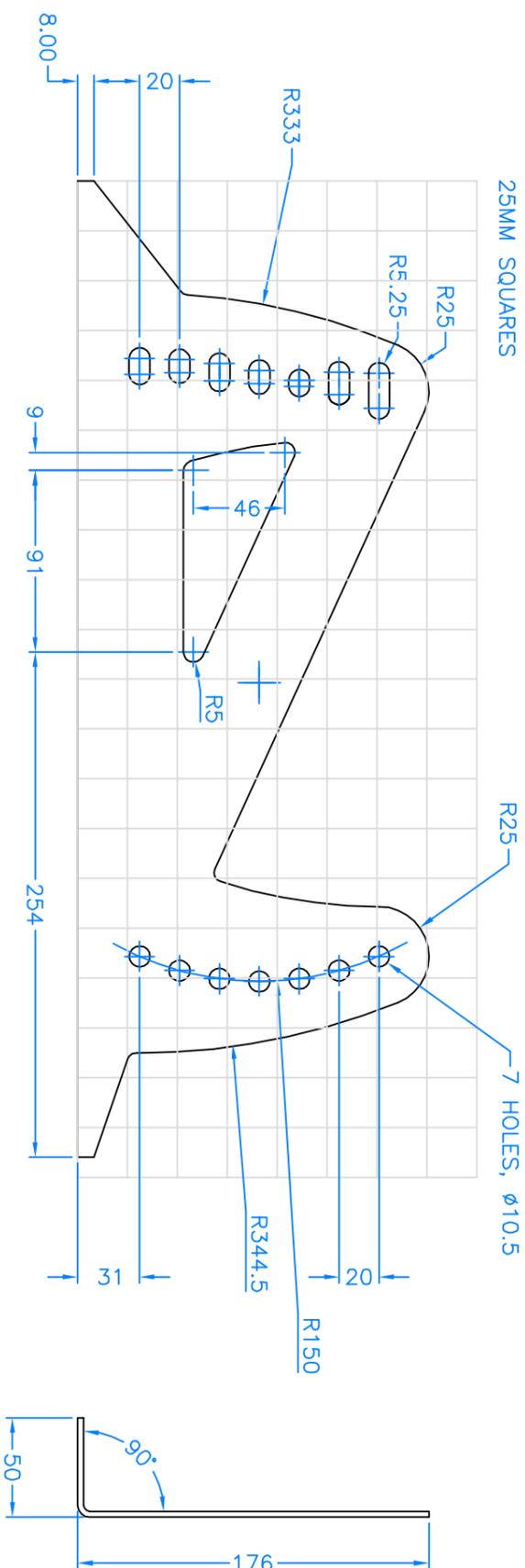
.X ± 0.5
.XX ± 0.25
.XXX ± 0.125



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REV No.	DATE & No	REVISIONS	ZONE



MATERIAL: 3mm [.120"] 5083 AL SHEET

MAKE 1 LH & 1 RH

SEAT MOUNT

DRG No RDSM 02

SCALE	NONE	SHEET
DRAWN	R F S	DATE 10.09.01
TITLE	SEAT MOUNT	