

Centerpull Brake Instructions

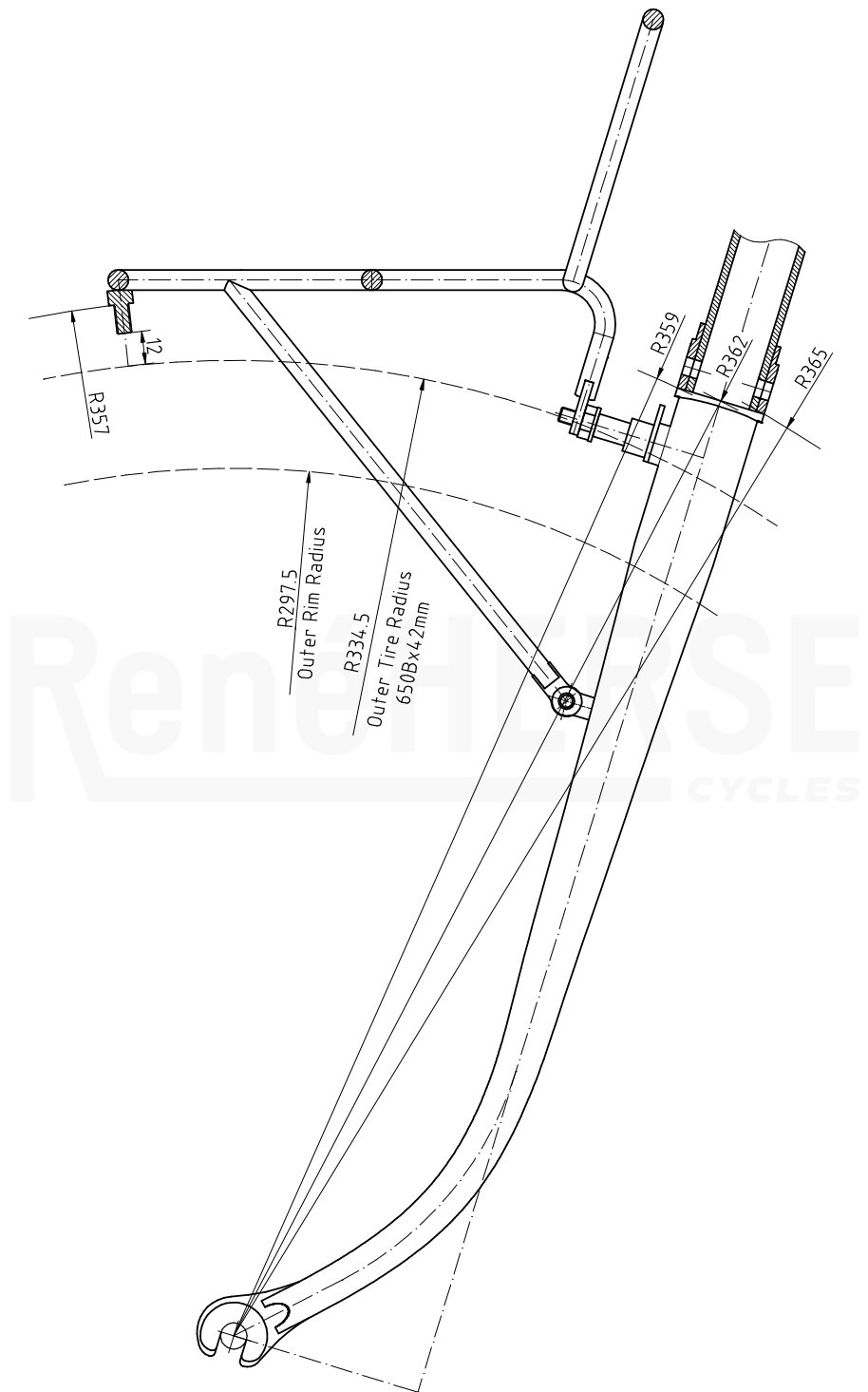
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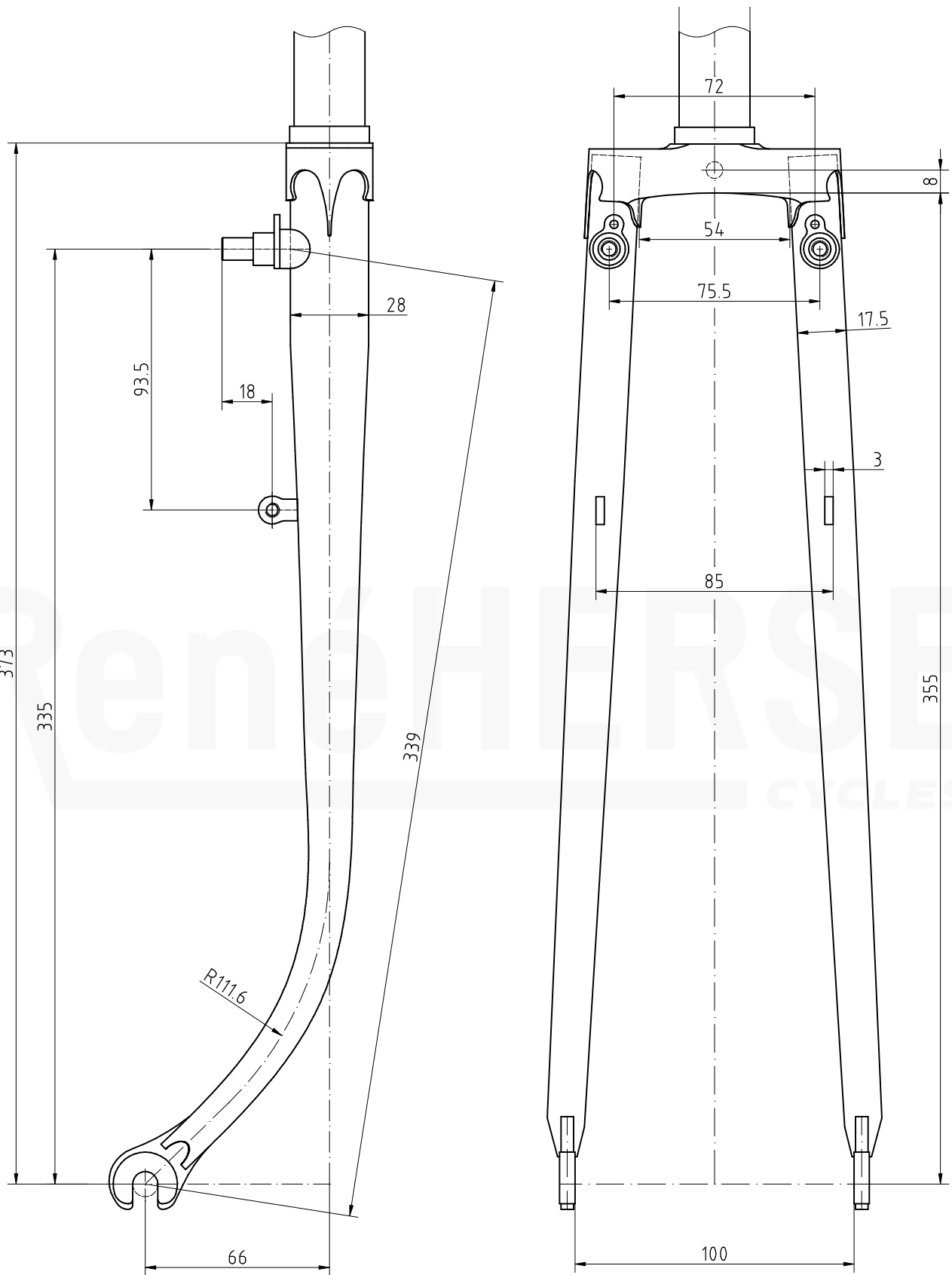
CENTERPULL BRAKE FRAMEBUILDING SPECS

- The Rene Herse centerpull brakes and the Rene Herse CP1 rack are designed for 42 mm-wide tires and fenders with sufficient clearances.
- The following measurements are for 650B x 42 mm wheels (669 mm outer diameter).
- The braze-ons should be located 335 mm from the rear axle. On the front brake, you need to compensate for the fork offset. With a fork offset of 66 mm, the resulting measurement from dropout to braze-on location on the fork blade is 339 mm (see drawing).
- The placement of the brake bosses not only determines where the brake pads hit the rim, but also how high the rack sits above the front tire. The fender mount underneath the rack works only if the rack is positioned properly.
- If less clearance is desired (for example, when using narrower tires), the bosses can be moved downward a bit. Make sure the pads still hit the rim properly.
- The measurements in the drawings above are for 650B wheels, but brakes and rack will work with any size wheel (700C, 26", etc.). Adjust the axle-to-brake pivot distance according to your wheel size.
- The length of the fork blades determines the clearance under the fork crown. Make sure the clearance under the fork crown is the same as that under the front rack.
- The rack tabs for the fork blades must be threaded (M5).

BRAZE-ON BOSSES

- Rene Herse centerpull brake bosses come in three models:
 - Front** (pre-mitered for Kaisei 'TOEI SPECIAL' fork blades, shown in the drawings)
 - Rear** (pre-mitered 3 mm off-center)
 - Universal** (un-mitered)
- Place the spring holder rings on the bosses so that the hole is directly above the center of the boss.
- If more or less spring tension is desired, the spring holder rings can be rotated slightly.
- Make sure the orientation of both spring holder rings is exactly the same.
- Braze the pivots and spring holders onto the fork blades in one step.





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