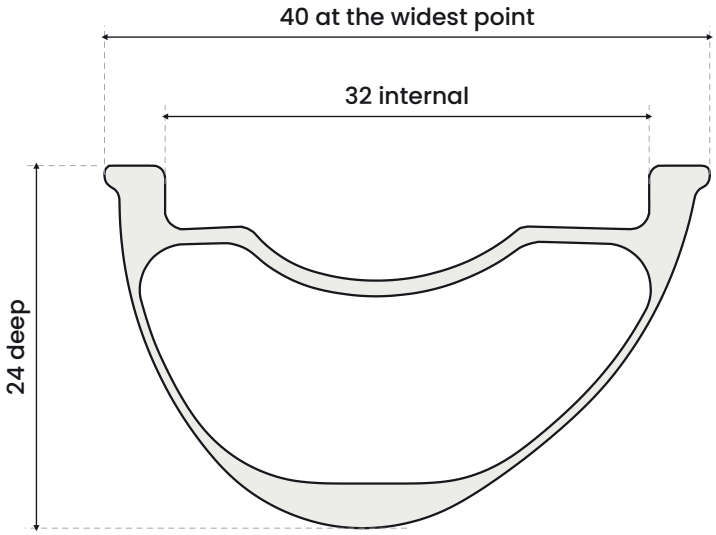
Venn 2432 THL DH 27.5"

MTB downhill, 27.5" carbon rim, 24 mm deep, ETRTO standard. 5-year rim warranty.



Section at 2:1 when printed at 100% on A4. Figures in mm.

ERD	**554.5 mm** Factory figure
Internal width	**32 mm**
External width	40 mm at the widest point
Depth	24 mm
Weight	400 ± 15 g Raw finished rim, no clear coat
Wheel size	27.5" (ISO 584)
Spoke holes	24, 28 or 32 Drilled after moulding
Maximum spoke tension	130 kgf
Brake	Disc
Tyre	Tubeless hookless Tyres approved for hookless rims, within the tyre maker's hookless pressure limit
Rider weight limit	110 kg

FOR THE BUILD

- **Spoke length.** Use the ERD above. Before cutting spokes for a full order, measure one rim from the batch.
- **Asymmetric.** The spoke holes sit 3 mm off centre, which evens out the spoke tension between the two sides of the wheel. Lace it with the offset toward the non-drive side at the rear and away from the brake rotor at the front.
- **Nipples.** Order with tool access holes for internal nipples (the rim then needs tubeless tape), or without them for a true tubeless rim bed (external nipples only).
- **Hookless.** Only tubeless tyres approved for hookless rims, within the tyre maker's hookless pressure limit.
- **Finish.** Gloss uncoated, matte uncoated or 25k pattern (+30 g per rim). Decals: silver Venn Hanko, black Venn logo (original) or none (plain carbon).

TESTED

- **Impact:** 150 J pass mark for MTB downhill rims. The UCI's wheel requirement is 40 J (ISO 4210-7). A pass mark is the energy every rim must pass, not a failure point.
- **Spoke holes:** pull-through tested; pass mark 300 kgf.
- Every rim model goes through the same programme: fatigue, run-out, spoke hole strength, lateral rigidity, tyre retention and heat.