

Model Year 2023, rel. May, 1, 2023

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## General notes

All Trailmech hubs are machined from AL7075-T6 alloy.

Trailmech's rear hubs feature our patented Vortex engagement mechanism. The number of POE (points of engagement) may vary for different models of hubs.

Spoke drilling are  $\varnothing 2.5$  mm.

Color – **BLACK** only.

Warranty details available at <http://trailmech.com/warranty>

Road 11sp cassettes by Shimano and SRAM require wider freehub body than those 11sp cassettes for MTB. Several SRAM 11 and 12sp MTB cassette are designed for the traditional splined freehub body, same as Shimano's 8-11sp MTB cassettes. Check manufacturer's specifications for details.

<https://trailmech.com/standards-guide/mtb-vs-road-freehubs/>

Trailmech Gravel hub ships with a freehub spacer. Spacer allows the use of either 11sp MTB or 11sp Road Shimano HG cassettes, or SRAM XD and XDR-compatible cassettes, respectively.

Gravel hub options include Campagnolo N3W compatible driver body.

## XCR, Front



O.L.D	Brake	Spokes	Weight
100 x QR			
100 x 12 mm TA	IS	28, 32	135 g.
100 x 15 mm TA			

## XCR Boost, Front



O.L.D	Brake	Spokes	Weight
110 x 15 mm TA	IS	28, 32	140 g.

## XCR, Rear



O.L.D	Brake	Spokes	Driver	Weight
135 x QR 142 x 12 mm TA	IS	28, 32	Shimano HG, MTB Shimano Micro Spline SRAM XD	245 g.

## XCR Boost, Rear



O.L.D	Brake	Spokes	Driver	Weight
141 x QR 148 x 12 mm TA	IS	28, 32	Shimano HG, MTB Shimano Micro Spline SRAM XD	250 g.

## Gravel, Front



O.L.D	Brake	Spokes	Driver	Weight
100 x 12 mm TA	IS	24, 28, 32		115 g.

## Gravel, Rear



O.L.D	Brake	Spokes	Driver	Weight
142 x 12 mm TA	IS	24, 28, 32	Shimano HG, Road SRAM XDR Campagnolo N3W	248 g.

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Trailmech Gravel hubs are an integral part of Protens SC36 wheels – the Winner of [Design & Innovation Award 2022](#), Components (Road) category.



## Enduro, Front



O.L.D	Brake	Spokes	Weight
100 x 15 mm TA			
100 x 15 mm TA, Torque Caps	IS	32	198 g.
110 x 20 mm TA			

## Enduro Boost, Front



O.L.D	Brake	Spokes	Weight
110 x 15 mm TA			
110 x 15 mm TA, Torque Caps	IS	28, 32	210 g.
110 x 20 mm TA			

## Enduro, Rear



O.L.D	Brake	Spokes	Driver	Weight
135 x 10 mm TA	IS	32	Shimano HG, MTB	316 g.
135 x 12 mm TA			Shimano Micro Spline	
142 x 12 mm TA			SRAM XD	

## Enduro Boost, Rear



O.L.D	Brake	Spokes	Driver	Weight
141 x 10 mm TA	IS	28, 32	Shimano HG, MTB	322 g.
148 x 12 mm TA			Shimano Micro Spline	
			SRAM XD	



Trailmech Enduro Boost rear hub is the Winner of the [Design & Innovation Award 2020](#), Components (Off-road) category.





## Super Boost Plus, Rear



O.L.D	Brake	Spokes	Driver	Weight
157 x 12 mm TA	IS	28, 32	Shimano HG, MTB Shimano Micro Spline SRAM XD	342 g.

## Downhill, Rear



O.L.D	Brake	Spokes	Driver	Weight
150 x 12 mm TA 157 x 12 mm TA	IS	32	Shimano HG, MTB Shimano Micro Spline SRAM XD	348 g.

## Wheel Building Data

Model & O.L.D	Spokes	CTF, DS	CTF, NDS	PCD, DS	PCD, NDS
Enduro, front 100	32	31.40	22.70	58.00	58.00
Enduro Boost, front, 110	28, 32	36.40	27.70	58.00	58.00
XCR, front, 100	28, 32	31.40	22.60	56.00	56.00
XCR Boost, front 110	28, 32	36.40	27.60	56.00	56.00
XCR, rear, 135/142	28, 32	20.30	33.70	56.00	56.00
XCR Boost, rear 141/148	28, 32	23.30	36.70	56.00	56.00
Gravel, front, 100	24, 28, 32	35.00	22.60	44.00	56.00
Gravel, rear, 135/142	24, 28, 32	18.50	30.00	56.00	56.00
Enduro, rear, 135/142	32	20.30	33.70	58.00	58.00
Enduro Boost, rear, 141/148	28, 32	23.50	36.50	58.00	58.00
Enduro Super Boost Plus, rear 157	28, 32	27.50	40.50	58.00	58.00
Downhill, rear, 150/157	32	27.50	32.50	58.00	58.00

All measures in mm.

CTF, DS – Center to Flange, Drive-side (Right)

CTF, NDS – Center to Flange, Non-Drive-side (Left)