



PROTOTYPE™
RACING PARTS

COMPANY

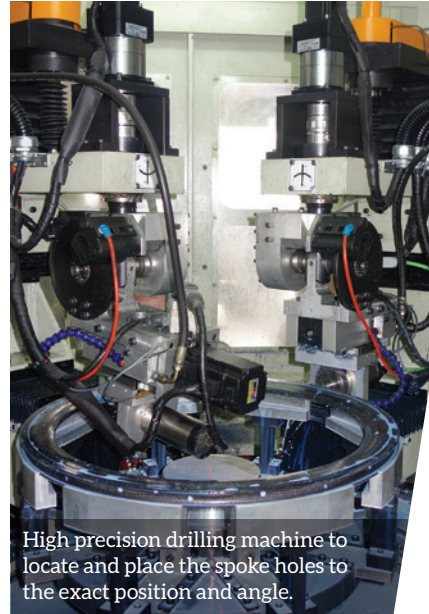
About us

We test what we do!

The performance, efficiency and reliability are our base work priorities. Though lightweight, the stiffness of PROTOTYPE products are tested through a computationally intensive process to the limit, proven by elite athletes who have won more than 50 national and international titles, including the World Champion.

PROTOTYPE is totally committed with after sales support, giving technical solutions to allow find practical and simplified options.

We know where we are and where we want to go.



High precision drilling machine to locate and place the spoke holes to the exact position and angle.



Controlled wheel truing with full tension and tolerance analysis and register.



Finite element analysis (FEA) to calculate stresses and displacements of component displacements, strains under internal and external loads.

With the analysis results, we can catch design flaws and optimize features at the drawing stage.

CHAMPIONS
ARE POWERED
BY PROTOTYPE

Rio2016
BRONZE MEDAL

UCI
5 WORLD
CHAMPIONSHIPS

UEC
5 EUROPEAN
CHAMPIONSHIPS

MORE THAN 50
NATIONAL
CHAMPIONS

GUINNESS
WORLD
RECORD

“

All wheels are built with unmatched attention to detail, we use high-precision tools, specially designed by us. We can offer a ride quality and durability that cannot be matched by a stock machine-built set.

Ivo Santos

Prototype Technical Department



WHEELS MTB



“

Amazing wheels, lightweight, stiff and very trustable. There's nothing similar in 29. The 32 width allows to low the tire pressure without taking risk.

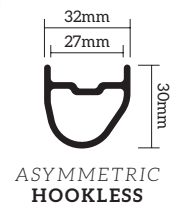
David Valero

MMR Factory Racing Team

CARBON

WHEELS MTB
WORLD CUP

RIM Detail



HUB Detail



Reference weight:
Clincher: 29" EVO 4 SP Boost - 1410gr

MSRP: 1.850 €

Reference weight:
Clincher: 29" EVO 4 Boost - 1430gr

MSRP: 1.750 €

i See more details
on page 30.



UCI
2019 WORLD
CHAMPIONSHIP

UEC
UNION EUROPEENNE
DE CYCLISME
2019 EUROPEAN
CHAMPIONSHIP

DECAL Option



BLACK

WHEELS MTB TEAM

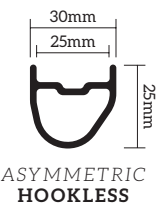
OLYMPIC GAMES
BRONZE MEDAL

UCI
2017 WORLD
CHAMPIONSHIP



NEW
VERSION

RIM Detail



HUB Detail



Reference weight:
Clincher: 29" EVO 4 SP Boost - 1390gr

MSRP: 1.590 €

Reference weight:
Clincher: 29" EVO 4 Boost - 1420gr

MSRP: 1.490 €

DECAL Option



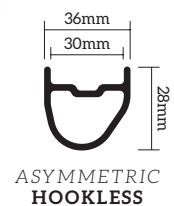
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i See more details
on page 30.

C A R B O N

WHEELS MTB
FLASH

RIM Detail



HUB Detail



DECAL Detail



Also available in 27,5".

Reference weight:
Climber: 29" Boost - 1680gr

MSRP: 1.150 €

i See more details
on page 30.

REAR HUB OPTION
Extreme

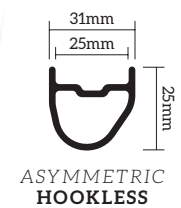


WHEELS MTB ZERO

C A R B O N



RIM Detail



HUB Detail



Reference weight:
Clincher: 29" Boost - 1560gr

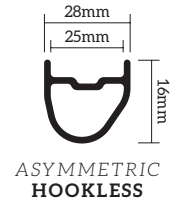
MSRP: 990 €

i See more details
on page 30.

ALUMINIUM

WHEELS MTB
ZENITH TEAM

RIM Detail



HUB Detail



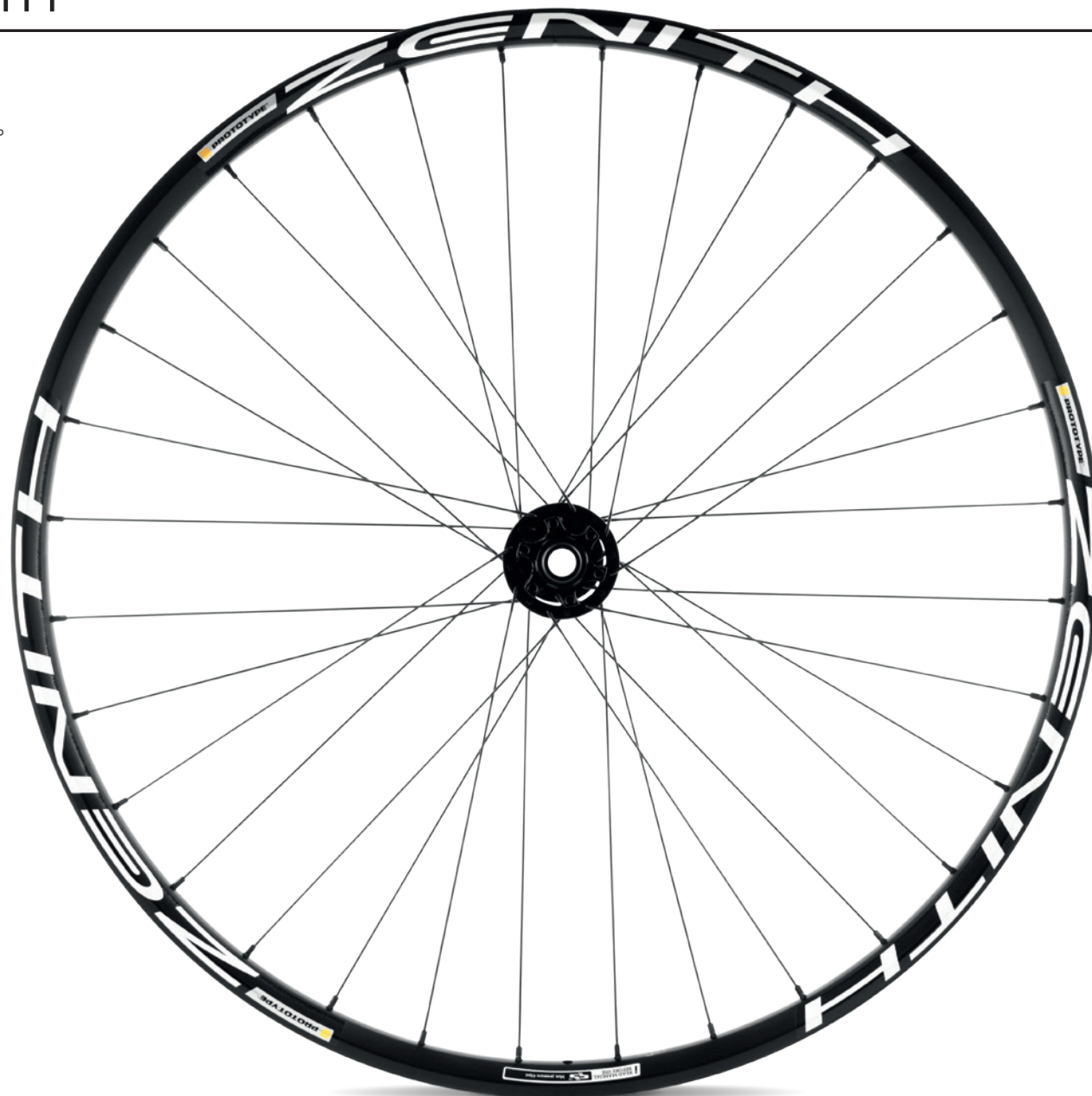
Reference weight:
Climber: 29" Boost - 1490gr

MSRP: 840 €

i See more details
on page 30.

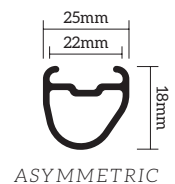
WHEELS MTB ZENITH

UCI
2016 WORLD
CHAMPIONSHIP



ALUMINIUM

RIM Detail



HUB Detail



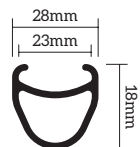
Reference weight:
Clincher: 29" Boost - 1460gr

MSRP: 685 €

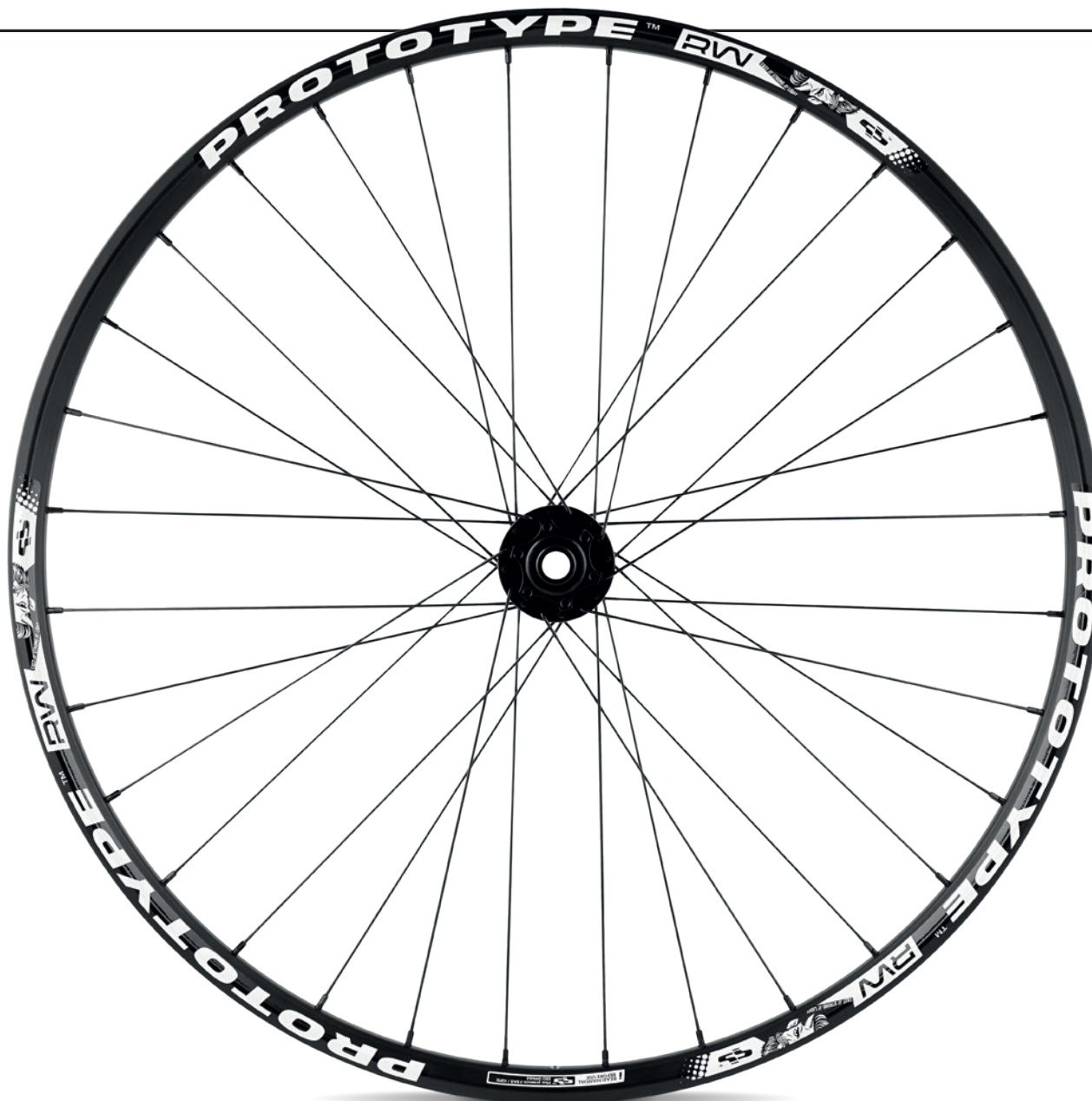
i See more details
on page 30.

ALUMINIUM

RIM Detail



HUB Detail



Also available in 27,5".

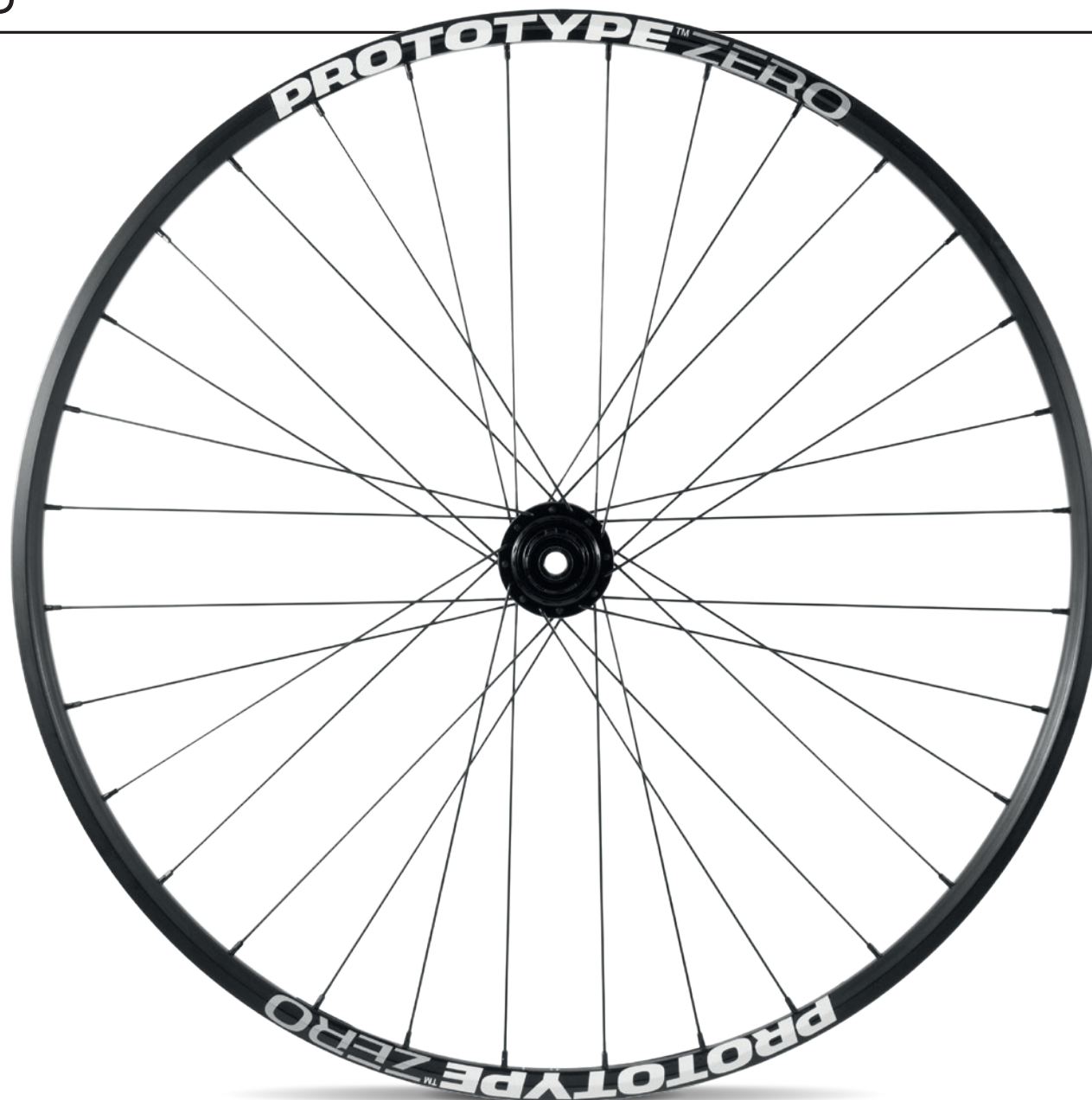
Reference weight:
Clincher: 29" Boost - 1780gr

MSRP: 495 €

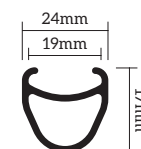
i See more details
on page 30.

WHEELS MTB ZERO

ALUMINIUM



RIM Detail



HUB Detail



Also available in 27,5".

Reference weight:
Clincher: 29" Boost - 1770gr

MSRP: 395 €

i See more details
on page 30.

WHEELS ROAD

“

The Prototype wheels surprised me by their lightness, stiffness and reliability during my trainings and races. I use and highly recommend them.

Daniel Silva

RP Boavista Team

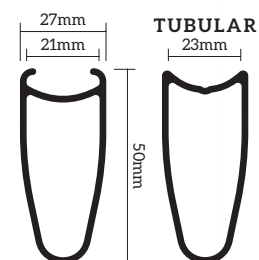


WHEELS ROAD PROTOUR DISC 5

C A R B O N



RIM Detail



HUB Detail

BRAKE OPTION
6 holes (IS)

Reference weight:
Climber: 1560gr

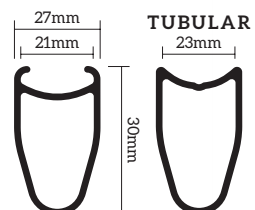
MSRP: 1270 €

i See more details
on page 31.

C A R B O N

WHEELS ROAD
PROTOUR DISC 3


RIM Detail



HUB Detail

BRAKE OPTION
6 holes (IS)Reference weight:
Clincher: 1425gr

MSRP: 1270 €

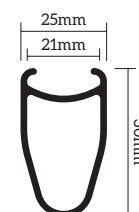
 See more details
on page 31.


WHEELS ROAD PROTOUR DISC AL

ALUMINIUM



RIM Detail



HUB Detail



BRAKE OPTION
6 holes (IS)



Reference weight:
Clincher: 1560gr

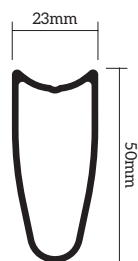
MSRP: 545 €

i See more details
on page 31.

C A R B O N

WHEELS ROAD
PROTOUR 5 SL

RIM Detail



TUBULAR

HUB Detail



Reference weight:
Tubular: 1210gr

MSRP: 1490 €

i See more details
on page 31.

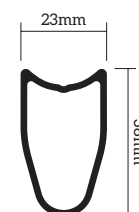


WHEELS ROAD PROTOUR 3 SL

C A R B O N



RIM Detail



HUB Detail



Reference weight:
Tubular: 1150gr

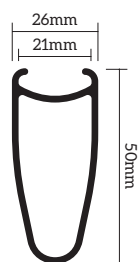
MSRP: 1.490 €

i See more details
on page 31.

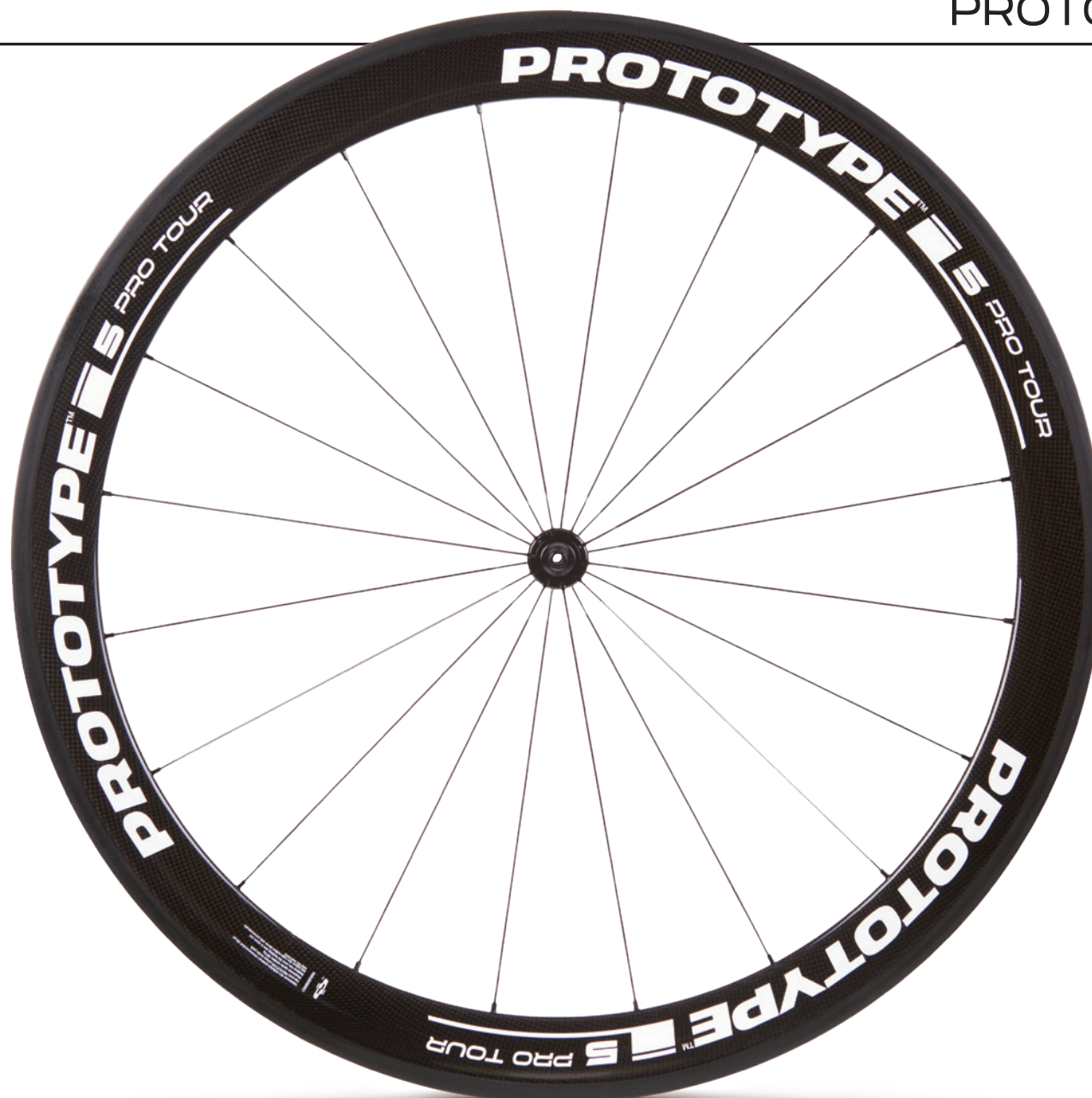
CARBON

WHEELS ROAD
PROTOUR 5

RIM Detail



HUB Detail



Reference weight:
Clincher: 1550gr

MSRP: 1270 €

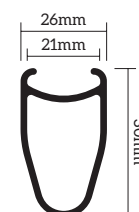
i See more details
on page 31.

WHEELS ROAD PROTOUR 3

C A R B O N



RIM Detail



HUB Detail



Reference weight:
Clincher: 1460gr

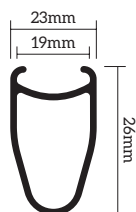
MSRP: 1270 €

i See more details
on page 31.

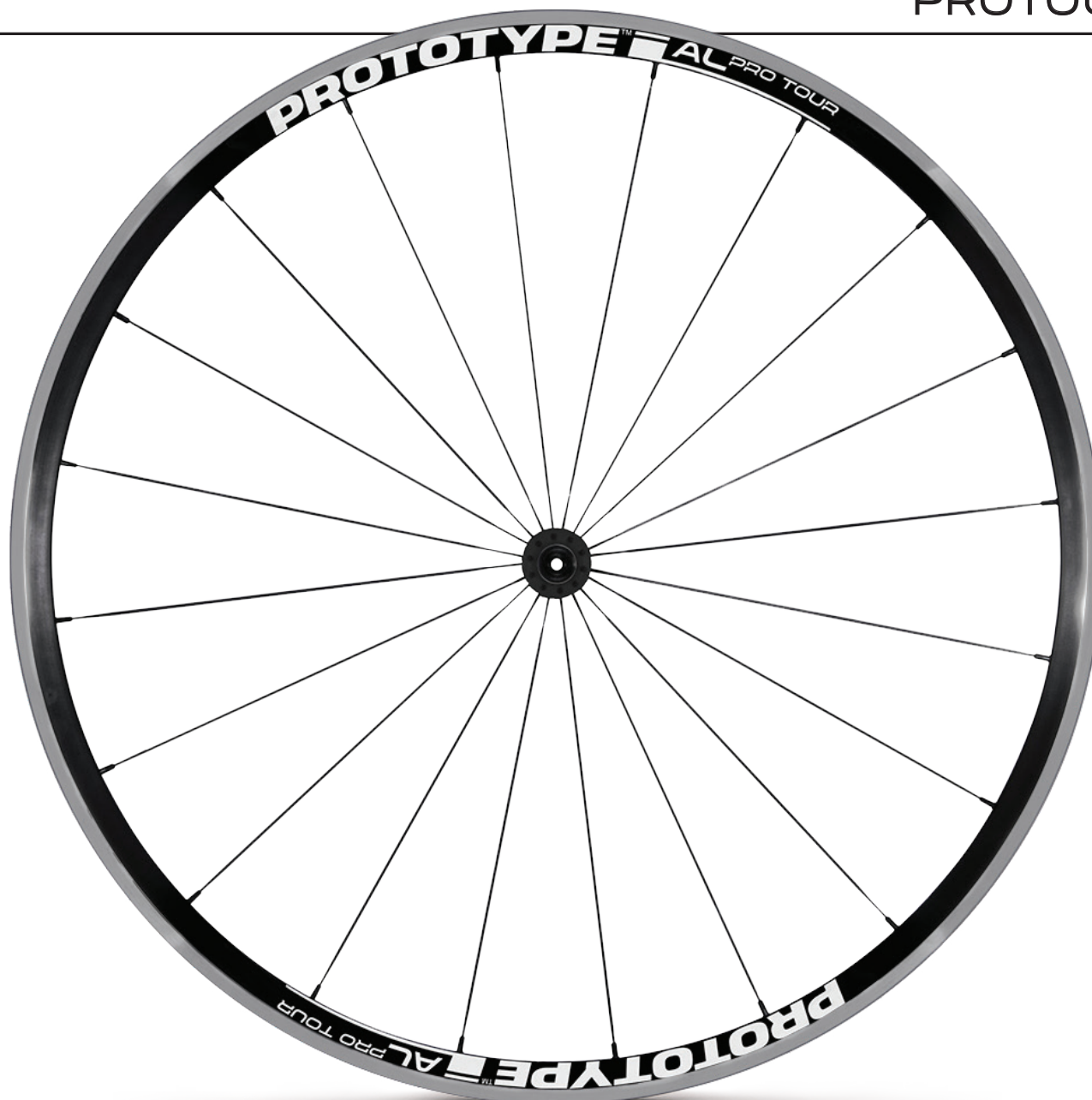
ALUMINIUM

WHEELS ROAD
PROTOUR AL

RIM Detail



HUB Detail



Reference weight:
Clincher: 1590gr

MSRP: 395 €

i See more details
on page 31.

WHEELS TIME TRIAL TRIATHLON



WHEELS TIME TRIAL TRIATHLON
JOKER 8

C A R B O N

RIM Detail




Reference weight:
Front: 690gr

MSRP: 580 €

Reference weight:
Rear: 820gr

MSRP: 720 €

 See more details
on page 32.



WHEELS TIME TRIAL TRIATHLON
JOKER DISC

C A R B O N



Reference weight:

Tubular: 1210gr

MSRP: 1450 €

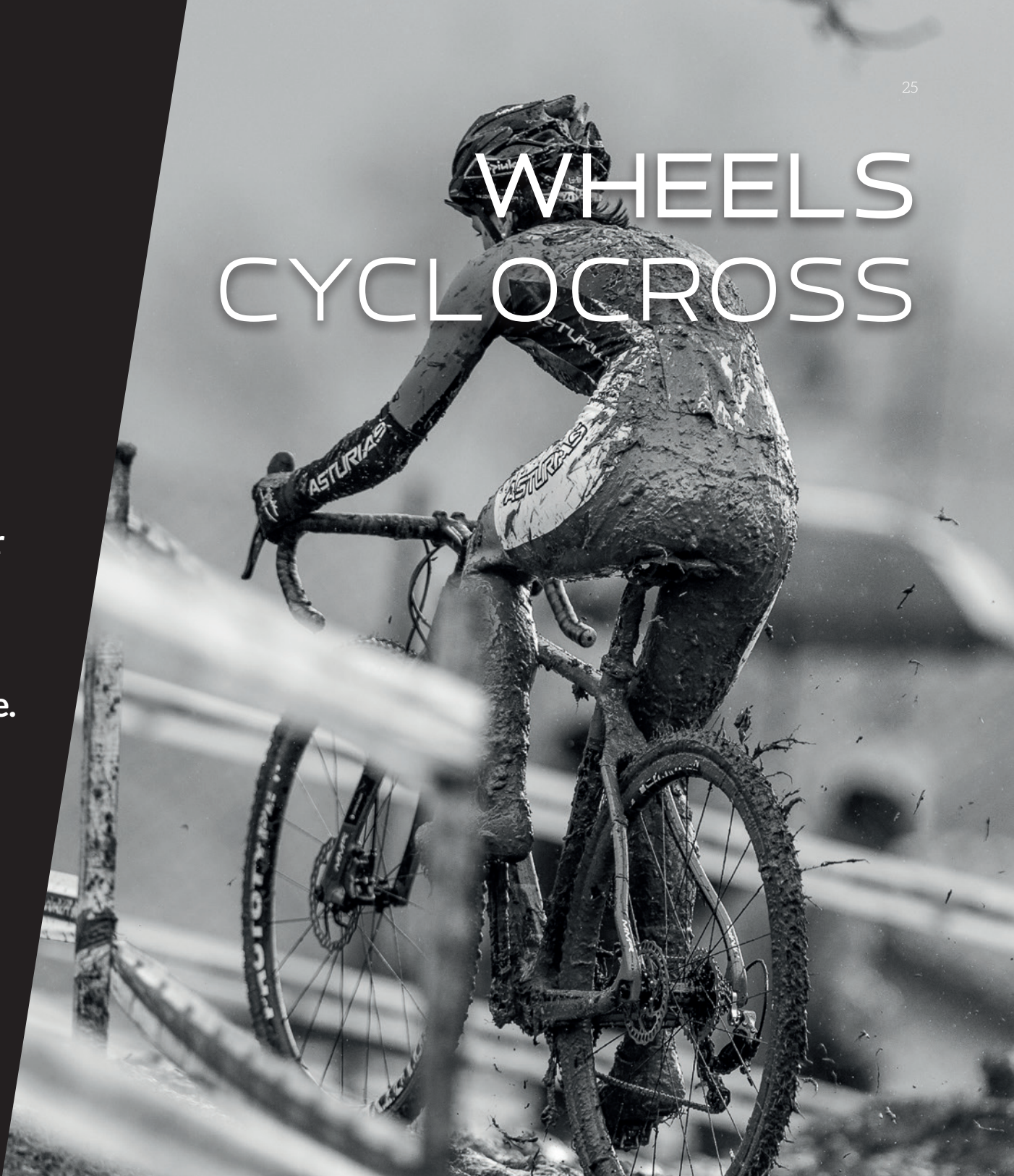
WHEELS CYCLOCROSS



Light, stiff and incredibly smooth. In such a tough discipline as cyclocross, a total confidence on your material is essential. And that confidence is what the new Prototype CX wheels can offer to me.

Aida Nuño

Cyclocross World Cup Athlete

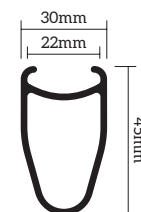


WHEELS CYCLOCROSS GRAVEL

C A R B O N



RIM Detail



HUB Detail



Reference weight:
Cliner: 1550gr

MSRP: 1270 €

i See more details
on page 32.

mid-season release



The Prototype Gravel specific carbon fiber is designed to withstand the hardest terrain without ever being afraid. The tire bed is capable of resist frequent tire installations and removals. It's a new era of wheels.

Ricardo Sismeiro

Prototype CEO



WHEELS CYCLOCROSS CX

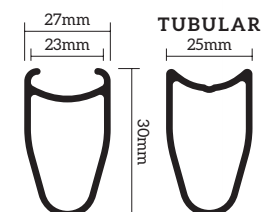
UCI
2018 WORLD
CHAMPIONSHIP

UEC
UNION EUROPEENNE
DE CYCLOISME
2018-19
EUROPEAN
CHAMPION



C A R B O N

RIM Detail



HUB Detail



BRAKE OPTION
6 holes (IS)



Reference weight:
Clincher: 1430gr
Tubular: 1190gr

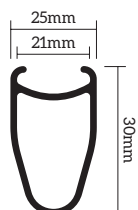
MSRP: 1270 €

i See more details
on page 32.

WHEELS CYCLOCROSS CX AL

ALUMINIUM

RIM Detail



HUB Detail



BRAKE OPTION
6 holes (IS)



Reference weight:
Clincher: 1570gr

MSRP: 545 €

i See more details
on page 32.



TECHNICAL SPECIFICATIONS

MTB WHEELS

	World Cup SP	World Cup	Carbon Team SP	Carbon Team	E-Flash Carbon 36
Rim Material	Full Carbon	Full Carbon	Full Carbon	Full Carbon	Full Carbon
Rim Width Inner/Outer	27/32	27/32	25/30	25/30	30 / 36
Profile	30	30	26	26	28
Tire Size / Width	29" / 2.0 to 2.5	29" / 2.0 to 2.5	29" / 2.0 to 2.5	29" / 2.0 to 2.5	29" / 2.1 to 2.5
Tire Type	Tubeless ready	Tubeless ready	Tubeless ready	Tubeless ready	Clincher
Spoke	Aero SL 2.0 - SP	Aero 2.0 - J bend	Aero SL 2.0 - SP	Aero 2.0 - J bend	Round
Nipple	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Hub Model*	EVO 4 SP	EVO 4	EVO 4 SP	EVO 4	FSL 3.0 Extreme
Freewheel Body	SH 11 / XD / Micro Spline	SH 11 / XD / Micro Spline	SH 11 / XD / Micro Spline	SH 11 / XD / Micro Spline	e-SH / SH 11 / XD / Micro Spline
Braking	Disc Brake IS	Disc Brake IS	Disc Brake IS	Disc Brake IS	IS
ASTM **	3	3	3	3	3
Discipline	XCO / XCM	XCO / XCM	XCO / XCM	XCO / XCM	E-Bikes / AM
Weight Limit	100kg	90kg	100kg	90kg	110kg
Weight (Boost)	1410gr	1430gr	1390gr	1420gr	1680gr

	Carbon Zero	Zenith Team	Zenith	RW	Zero
Rim Material	Full Carbon	Aluminium	Aluminium	Aluminium	Aluminium
Rim Width Inner/Outer	25/31	25/28	22/25	23/28	22/25
Profile	25	16	18	18	17
Tire Size / Width	29" / 2.0 to 2.5	29" / 2.0 to 2.2	29" / 1.7 to 2.1	29" / 1.8 to 2.5	29" / 1.0 to 2.1
Tire Type	Tubeless ready	Tubeless ready	Tubeless ready	Tubeless ready	Tubeless ready
Spoke	Round - J Bend	Aero SL 2.0 - J Bend	Round - J Bend	Round - J Bend	Round - J Bend
Nipple	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Hub Model*	FSL 3.0	EVO 4	EVO 3.1	FSL 3.0	FSL 3.0
Freewheel Body	SH 11 / XD / Micro Spline	SH 11 / XD / Micro Spline	SH 11 / XD / Micro Spline	SH 11 / XD / Micro Spline	SH 11 / XD / Micro Spline
Braking	Disc Brake IS	Disc Brake IS	Disc Brake IS	Disc Brake IS	Disc Brake IS
ASTM **	3	3	3	3	3
Discipline	XCO / XCM	XCO / XCM	XCO / XCM	XCO / XCM	XCO / XCM
Weight Limit	100kg	85kg	85kg	110kg	95kg
Weight (Boost)	1560gr	1490gr	1460gr	1780gr	1770gr

Note: The weights indication is just a reference value.

TECHNICAL SPECIFICATIONS ROAD DISC WHEELS

	Pro Tour Disc 5	Pro Tour Disc 3	Pro Tour Disc AL
Rim Material	Full Carbon	Full Carbon	Aluminium
Rim Width Inner/Outer	21 / 27	21 / 27	20 / 27
Profile	50	30	30
Tire Size / Width	700x19/27c Tubeless Ready	700x19/27c Tubeless Ready	700x19/27c Tubeless Ready
Tire Type	Clincher	Clincher	Clincher
Spoke	Aero	Aero	Round
Nipple	Aluminium	Aluminium	Aluminium
Hub Model*	SP Disc	SP Disc	SP Disc
Freewheel Body	SH / XDR / Campagnolo	SH / XDR / Campagnolo	SH / XDR / Campagnolo
Braking	IS or Center-Lock	IS or Center-Lock	IS or Center-Lock
ASTM **	1	1	1
Discipline	Road	Road	Road
Weight Limit***	120kg	110kg	100kg
Weight	1560gr	1425gr	1560gr

ROAD WHEELS

	Pro Tour 5 SL	Pro Tour 3 SL	Pro Tour 5	Pro Tour 3	Pro Tour AL
Rim Material	Full Carbon	Full Carbon	Full Carbon	Full Carbon	Aluminium
Rim Width Inner/Outer	23	23	21/26	21/26	19/23
Profile	50	38	50	38	26
Tire Size / Width	700x19/25c	700x19/25c	700x19/25c Tubeless Ready	700x19/25c Tubeless Ready	700x21/25c
Tire Type	Tubular	Tubular	Clincher	Clincher	Clincher
Spoke	Aero SL 2.0 SP	Aero SL 2.0 SP	Aero SP	Aero SP	Round - J Bend
Nipple	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Hub Model*	SP 2	SP 2	SP 2	SP 2	SPEED 16
Freewheel Body	SH / XDR / Campagnolo	SH / XDR / Campagnolo	SH / XDR / Campagnolo	SH / XDR / Campagnolo	SH / XDR / Campagnolo
Braking	Caliper	Caliper	Caliper	Caliper	Caliper
ASTM **	1	1	1	1	1
Discipline	Road	Road	Road	Road	Road
Weight Limit	85kg	80kg	100kg	95kg	90kg
Weight (Boost)	1210gr	1150gr	1550gr	1460gr	1590gr

Note: The weights (limit and boost) indication is just a reference value.

* - Consult hub compatibility in our web site

** - Consult ASTM in our web site

TECHNICAL SPECIFICATIONS

TIME TRIAL TRIATHLON WHEELS

	Joker 8 Front	Joker 8 Rear	Joker Disc
Rim Material	Full Carbon	Full Carbon	Full Carbon
Rim Width Inner/Outer	23	23	23
Profile	88	88	-
Tire Size / Width	700x19/25c	700x19/25c	700x19/25c
Tire Type	Tubular	Tubular	Tubular
Spoke	Aero SL 2.0 SP	Aero SL 2.0 SP	Full Carbon
Nipple	Aluminium	Aluminium	Aluminium
Hub Model*	SP 2	SP 2	SP 2
Freewheel Body	-	SH / XDR / Campagnolo	SH / XDR / Campagnolo
Braking	Caliper	Caliper	Caliper
ASTM **	1	1	1
Discipline	Road	Road	Road
Weight Limit	100kg	100kg	100kg
Weight	690gr	820gr	1210gr

CYCLOCROSS WHEELS

	Gravel	CX Tubular	CX Clincher	CX AL
Rim Material	Full Carbon	Full Carbon	Full Carbon	Aluminium
Rim Width Inner/Outer	22/30	25	23/27	20 / 27
Profile	45	30	30	30
Tire Size / Width	650B / 32 to 48	700x23/32	700x23/32c Tubeless Ready	700x19/27c Tubeless Ready
Tire Type	Tubeless Ready	Tubular	Clincher	Clincher
Spoke	Sandvik	Round SL	Round SL	Round
Nipple	Aluminium	Aluminium	Aluminium	Aluminium
Hub Model*	SP Disc	SP Disc	SP Disc	SP Disc
Freewheel Body	SH 10-12s / Sram / XRD / Campagnolo	SH / XDR / Campagnolo	SH / XDR / Campagnolo	SH / XDR / Campagnolo
Braking	Center-Lock	IS or Center-Lock	IS or Center-Lock	IS or Center-Lock
ASTM **	2	2	2	2
Discipline	CX / Gravel	CX / Gravel	CX / Gravel	CX / Gravel
Weight Limit	100kg	85kg	85kg	100kg
Weight	1550gr	1190gr	1430gr	1570gr

Note: The weights indication is just a reference value.

* - Consult hub compatibility in our web site

** - Consult ASTM in our web site

*** - Weight Limit = rider weight + complet bike

HUBS MTB ROAD

“

I find in Prototype a constant concern with optimization and reliability. The EVO 4 SP managed to exceed all my expectations!!!

Angel Gomez (Litu)

Mechanical and team manager MMR Factory Racing Team

EVO 4 SP
BOOST148
By **PROTOTYPE**

HUBS MTB

Flange spacing has been designed for minimal difference in spoke tension between right and left side spokes. Freewheel with four “Big Pawls” to evenly distribute the loads on a large surface.

FRONT

EVO 4 SP

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Optional: Ceramic Bearings
Holes: 28 | 32
O.L.D: 15x110mm
Optional Rock Shox cap
Weight: 109gr



MSRP: 215 €

FSL 3.0

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Holes: 28 | 32
O.L.D: 9x100mm / 15x100mm | 15x110mm
Weight: 126gr | 152gr



MSRP: 80 €

LEFTY

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Optional: Ceramic Bearings
Holes: 28 | 32
Weight: 114gr (alloy bolt)



MSRP: 145 €

REAR

EVO 4 SP

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Optional: Ceramic Bearings
Holes: 28 | 32
O.L.D: 12x148mm
Cassete body: Shimano 10|11s
Optional: Sram XD | Micro Spline
Weight: 239gr (XD)



MSRP: 365 €

FSL 3.0

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Holes: 28 | 32
O.L.D: 10x135mm / 12x142mm | 12x148mm
Cassete body: Shimano 10|11s
Optional: Sram XD | Micro Spline | E-Bike Shimano
Weight: 260gr | 284gr



MSRP: 180 €

LEFTY SUPERMAX

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Optional: Ceramic Bearings
Holes: 28 | 32
Weight: 124gr (alloy bolt)



MSRP: 145 €

FRONT

SP 2

Color: Black
Bearings: Prototype PRO 2
Optional: Ceramic Bearings
Holes: 20
O.L.D.: 9x100mm
Weight: 101gr



MSRP: 135 €

SP Disc

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Optional: Ceramic Bearings
Holes: 24
O.L.D.: 9x100mm / 12x100mm / 15x100mm
Weight: 110gr



MSRP: 145 €

BRAKE OPTION
 6 holes (IS)



SP Disc

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Optional: Ceramic Bearings
Holes: 24
O.L.D.: 10x135mm / 12x135mm / 12x142mm
Cassete body: Shimano 10/11s
Optional: Campagnolo | XDR
Weight: 220gr



MSRP: 285 €

IS version also available

Speed 16

Color: Black
Bearings: Prototype PRO
Holes: 20
O.L.D.: 9x100mm
Weight: 82gr



MSRP: 80 €

REAR

SP 2

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Optional: Ceramic Bearings
Holes: 24
O.L.D.: 10x135mm
Cassete body: Shimano 10/11s
Optional: Campagnolo | XDR
Weight: 214gr



MSRP: 270 €

SP Disc

Color: Black
Rotor Compatibility: IS - 6Bolt
Bearings: Prototype PRO 2
Optional: Ceramic Bearings
Holes: 24
O.L.D.: 10x135mm / 12x135mm / 12x142mm
Cassete body: Shimano 10/11s
Optional: Campagnolo | XDR
Weight: 220gr



MSRP: 285 €

IS version also available

Speed 16

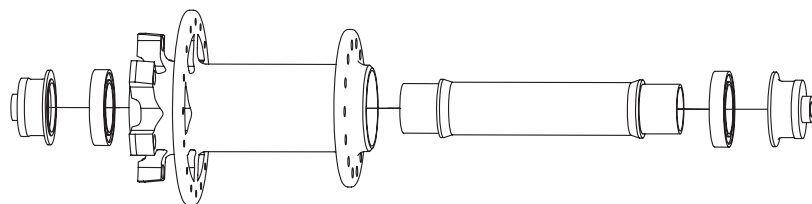
Color: Black
Bearings: Prototype PRO
Optional: Ceramic Bearings
Holes: 24
O.L.D.: 10x130mm
Cassete body: Shimano 10/11s
Optional: Campagnolo | XDR
Weight: 200gr



MSRP: 180 €

HUBS ACCESSORIES

Spare parts



PRO 2 Bearings
Optional: Ceramic Bearings



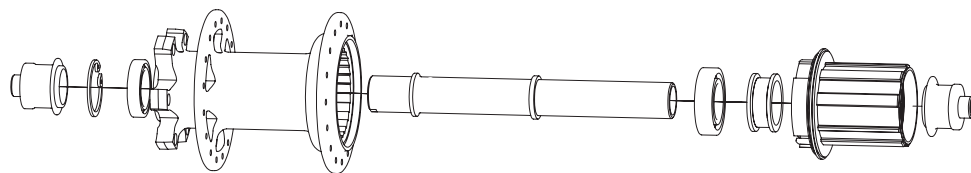
Kit converts Evo 3/3.1 to RS1



Front CAP Set
9x100mm | 15x100mm | 15x110mm | RS1



Technical Support
available at
www.prototype.pt/support/



Rear CAP Set
10x135mm | 12x142mm | 12x148mm



Shimano 10/11S



SRAM XD



Shimano Micro Spline

WHEELS ACCESSORIES

Road Brake Pads

These brake pads have been tested and approved for use with Prototype wheels.



AL PRO

Brake Power Dry:	9
Brake Power Wet:	6
Longevity:	8
Modulation:	7
Temperature:	6
Rim friendly:	9

Alloy Rim

MSRP: 10 €



CARBON PRO 2

Brake Power Dry:	9
Brake Power Wet:	8
Longevity:	6
Modulation:	7
Temperature:	7
Rim friendly:	9

Carbon Rim

MSRP: 19 €



CARBON PRO 3

Brake Power Dry:	9
Brake Power Wet:	8
Longevity:	6
Modulation:	7
Temperature:	7
Rim friendly:	9

Carbon Rim

MSRP: 19 €



Weight: MTB - 71gr
Weight: Road - 69gr

MSRP: 32 €

Valve Exten.

Material: Aluminum
Weight: 1.8gr each
Extend: 32mm
Color: Black Anodized
Item: Include 2 pcs



Only
1.8grams
per wheel.

MSRP: 6 €

TR Valves

Material: Aluminum
with steel nut
Weight: 4.2gr
Height: 44mm
Rubber Shape: Conic Round
Color: Black or Red anodized



Removable
Core

50% Lighter

Available colors



MSRP: 8.50 €

Material: Brass
Weight: 8.4gr
Height: 40mm
Rubber Shape: Conic Round
Color: Silver



Removable
Core

MSRP: 6 €

TR Rim Tape

Width: 23 / 25 / 27 / 29 mm
Length: 5mts



MSRP: 7.50 €

Sealant

Capacities: 150ml/500ml/5Lts



MSRP 150ml: 8.80 €

MSRP 500ml: 17 €

COMPONENTS
PHYSIS CARBON



Carbon is in the sun,
stars, comets and, soon,
in your bike too.

Handlebar



The ability to absorb vibrations is critical to reduce fatigue while stiffness is essential for the perfect control of a bike. Though very light, Physis handlebar is rigid and strengthened in grip areas.

Length: 660mm/710 mm | 730mm (Team)
Material: Aluminum Light Force
Weight: 270gr | 210gr (Team)

MSRP: 53 € | 84 € (Team)

Stem



Being the stem a key element for the perfect fit for riders' position, Physis stem distinguishes itself by its design, construction materials and vibration absorption capacity.

Length: 6° and 17° > 80 mm ~ 130mm
Material: Aluminum Light Force
Bolts: Titanium
Weight: 6° - 98gr (90mm) / 17° - 100gr (90mm)

MSRP: 68 €

Seat Clamp



Dimensions: 31.8 / 34.9 / 36.0 / 38.2
Material: Aluminum Light Force
Weight: 5.9gr (38.2)

Available colors



MSRP: 20 €

Bar Ends



Length: 75mm
Material: Aluminum Light Force
Weight: 46gr

Available colors



MSRP: 29.50 €

Seat Post



Length: 410 mm: 100-310mm
Material: Aluminum Light Force
Weight: 27.2 x 410 mm > 205 gr
31.6 x 410 mm > 167 gr
30.9 x 410 mm > 185 gr

Available colors



MSRP: 95 €

COMPONENTS

BOTTOM BRACKET

Our bottom brackets feature high quality sealed cartridge bearings

BSA



Frame Type: BB BSA 1.37x24
Crankset: Shimano, FSA, Rotor
CrankSet Axle: 24mm
Bearings: 6805 2RS
Weight: 85gr

MSRP: 39 €

BSA-GPX



Frame Type: BB BSA 1.37x24
Crankset: SRAM GXP Type
CrankSet Axle: 22-24mm
Bearings: 6805 2RS
Weight: 120gr

MSRP: 39 €

BSA 30mm



Frame Type: BB BSA 1.37x24
CrankSet Axle: 30mm
Bearings: 6806 2RS
Weight: 85gr

MSRP: 58 €

PRESSFIT 41



Frame Type: BB 86,5/89.5/92
Frame BB ø: 41mm
CrankSet: Shimano, FSA
CrankSet Axle ø: 24mm
Material: Aluminum CNC
Bearings: 6805 2RS
Weight: 89gr

MSRP: 39.50 €



Frame Type: BB 86,5/89.5/92
Frame BB ø: 41mm
CrankSet: SRAM GXP
CrankSet Axle ø: 20-24mm
Material: Aluminum CNC
Bearings: 6805 2RS
Weight: 96gr

MSRP: 39.50 €

PRESSFIT 30



Frame Type: BB PF30
Frame BB ø: 46mm
CrankSet Axle ø: 30mm
Bearings: 6806 2RS
Material: Aluminum CNC
Weight: 112gr

MSRP: 39.50 €

Lightweight, CNC machined, sealed bearing BB. CNC Alloy cups to press into 46mm internal BB shells. Our PF30 bottom bracket is a significant upgrade to any OEM PF30 bottom bracket. Two machined aluminum cups offer increased durability and bearing life, while keeping a simple press together method for installation and maintenance. This means no more creaking, smoother operation, longer bearing life.

PF 41-30mm



Frame Type: BB 86,5/89.5/92
Frame BB ø: 41mm
CrankSet Axle ø: 30mm
Bearings: CNC modified
Weight: 73gr

MSRP: 67 €

ADAPTORS



BB30 to 24mm Shimano
Adapter fits a BB30 of PF30 bearings and reduces the diameter to work with Shimano Hollotech II crank sets.

Weight: 56gr

BB30 to 24mm SRAM GXP
Adapter fits a BB30 of PF30 bearings and reduces the diameter to work with SRAM cranks.

Weight: 70gr

MSRP: 17.50 €

COMPONENTS HEADSETS

Headset

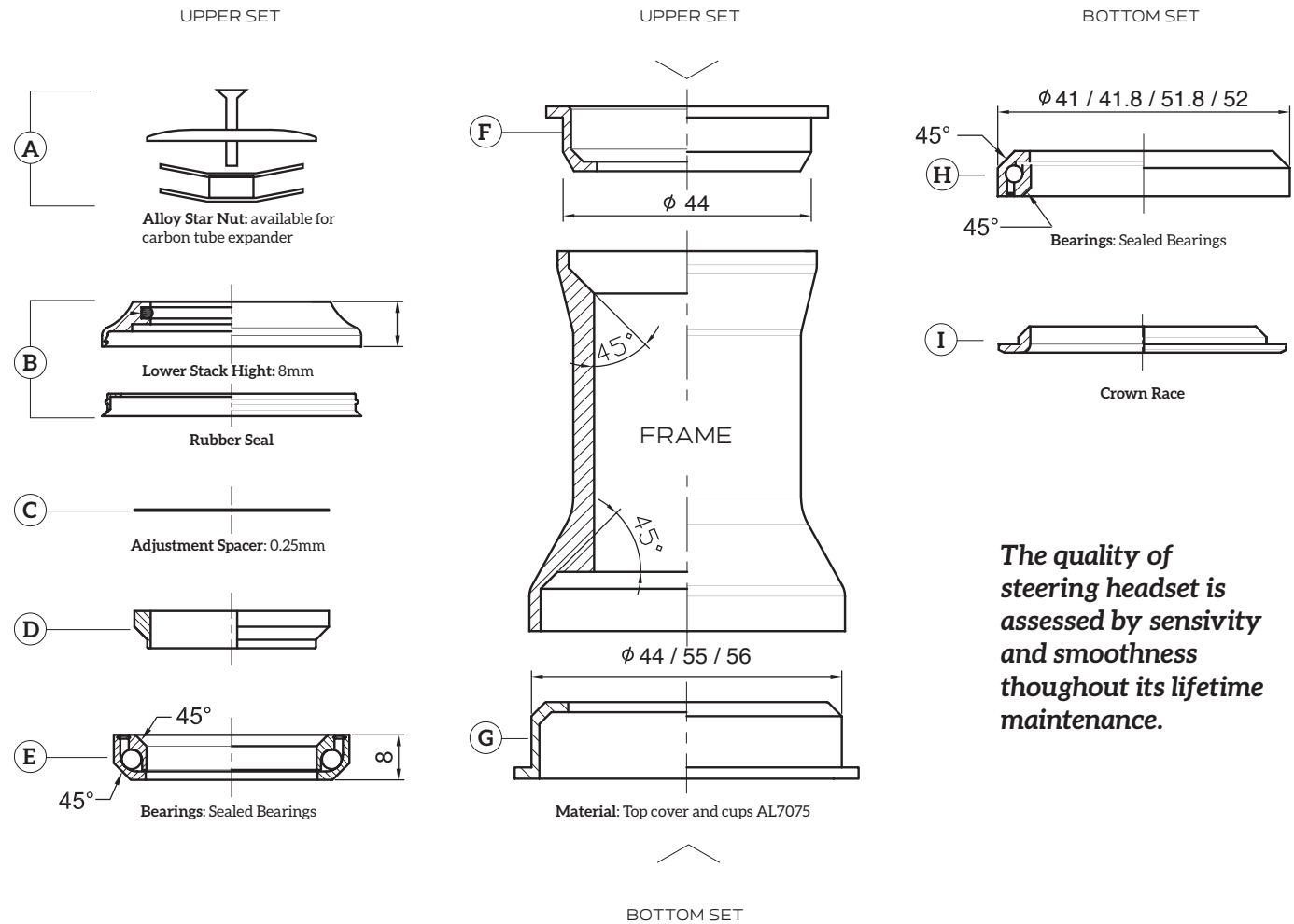


Fork Crown Adaptor

Fork Crown Race
Adaptor 1.5" - 1 1/8"



Material: AL7075
Weigh: 12gr.



The quality of steering headset is assessed by sensivity and smoothness throughout its lifetime maintenance.

COMPONENTS HEADSETS

Prototype headsets have a low profile to keep stack height to a minimum keeping the front end low and fast.

Semi-integrated

MSRP: 36 €	Standard 1 1/8" - 1 1/8"	Tapered 1 1/8" - 1,5" 55mm	Tapered 1 1/8" - 1,5" 56mm
UPPER BEARING	41.8x45°x8	41.8x45°x8	41.8x45°x8
UPPER CUP	44mm	44mm	44mm
BOTTOM CUP	44mm	55mm	56mm
BOTTOM BEARING	41.8x45°x8	51.8x45°x8	51.8x45°x8
Weight without cap	76gr	90gr	90gr

Integrated

MSRP: 32.50 €	Standard 1 1/8" - 1 1/8"	Standard 1 1/8" - 1 1/8"	Tapered 1 1/8" - 1 1/4"	Tapered 1 1/8" - 1,5"
UPPER BEARING	41.0x45°x8	41.8x45°x8	41.8x45°x8	41.8x45°x8
BOTTOM BEARING	41.0x45°x8	41.8x45°x8	46.8x45°x7	51.8x45°x8
Weight without cap	70gr	72gr	74gr	76gr

Spacers

Super Light headset spacers

Spacers are super light. Featuring CnC machined inner grooves. Not a single gram is spared.



Material: Aluminum
Outer ø: 34mm
One Set includes 2pcs: 5 | 10mm
Weight: 5mm: 1.8gr / 10mm: 3.6gr

MSRP: 4.80 €

Headset Cap

Headset Top Cap



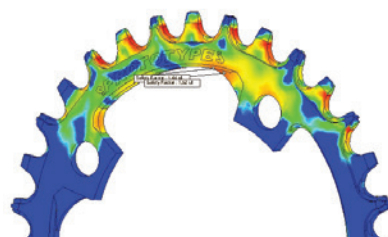
Material Cap: AL7075
Material Bolt: M6x35mm AL7075
Material Spider: AL6061 + Steel
Weighth: Top Cap: 3.8gr
Bolt: 2.3gr / Spider: 5.9gr

MSRP: 6.50 €

Light Force Alloy also provides a high wear resistance even in the worst conditions.

COMPONENTS TRANSMISSION

Single Ring



STRESS TEST MATERIAL

We developed a single chain ring in order to convert triple or double crank sets into singles with 10 or 11 speeds.

Narrow wide tooth profiling ensures ultimate chain retention and alignment. CNC machined from a stiff 4 mm Light Force plane, wich provides a perfect power without flexing.



BCD 94 mm
Holes: 4
Teeth: 30, 32, 34

BCD 104 mm
Holes: 4
Teeth: 30, 32, 34, 36

Weight 32T: 68.8gr

MSRP: 59.50 €

Jockey Wheels



Material: Full CNC machined
Teeth: 11T
Weight: 8.5gr

Available colors



MSRP: 30 € (2ps)

Performance pulley, with low friction and optimized geometry to improve the operation and precision of the rear derailleurs.

Compatible with Shimano, Campagnolo and Sram X-0, XX, Force, Red.

Cassette Lock Ring



Fits: Shimano 11T Cassete Road or MTB
Material: AL7075
Weight: 5,5gr

Available colors



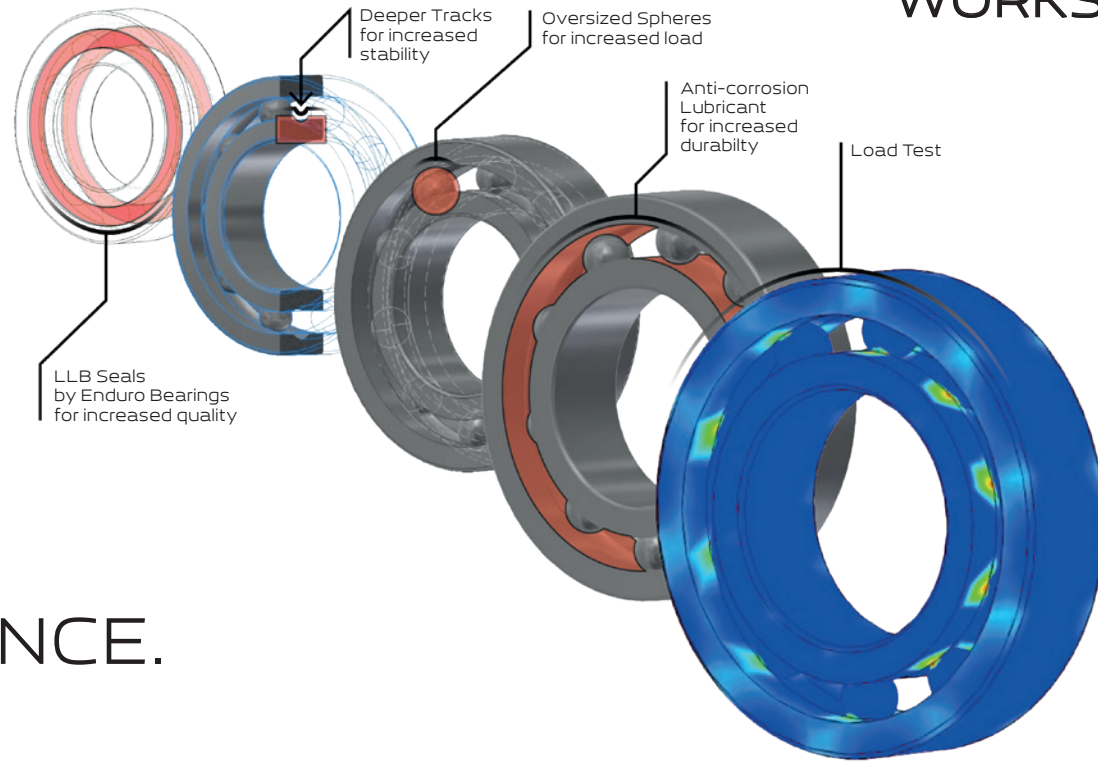
MSRP: 7.50 € (1ps)

WORKSHOP



WORKSHOP

Bearings



DESIGNED
AND TESTED
FOR PERFORMANCE.

General bearing

Dimensions	Designation
9 x 17 x 5	689
9 x 24 x 7	609
10 x 19 x 5	6800
10 x 22 x 6	6900
10 x 26 x 8	6000
12 x 21 x 5	6801
12 x 24 x 6	6901
12 x 28 x 8	6001
15 x 24 x 5	6802
15 x 26 x 7	MR15267
15 x 28 x 7	6902
16 x 26 x 7	MR16267
17 x 26 x 5	6803
17 x 28 x 7	MR17287
17 x 30 x 7	6903
18 x 30 x 7	MR18307
20 x 27 x 7	6704
20 x 32 x 7	6804
27.5 x 37 x 7	MR275377 (Predictive)

*High precision ball bearings
(Abec5) with hardening surface
and anti-corrosion treatment.*



Headset bearing

Dimensions	Designation
38.9x6.5x36°	1-1/8"
39x6.5x36°	1-1/8"
41x6.5x45°	1-1/8"
41x7x45°	1-1/8"
41x8x45°	1-1/8"
41.8x6.5x45°	1-1/8"
41.8x8x30.5x45° 1.125T"	1-1/8"
41.8x8x45°	1-1/8"
46.8x7x45°	1-1/4"
48.9x6.5x36°/45°	1-1.5"
51.8x8x45°	1-1.5"
52x8x45°	1-1.5"
19/16x21x9°	Lefty
19/16x21x9°x45°	Lefty



Bottom Bracket bearings

Dimensions	Designation
22 x 37 x 8/11.5	GXP BSA
24 x 37 x 7	MR24377
25 x 37 x 7	6805
29 x 42 x 7	6806/29 (DUB)
30 x 42 x 7	6806
35 x 47 x 7	6807



WORKSHOP

M5 - M6 Bolts



Material: Titanium Gr5

M5 Dimensions: 16mm | 20mm | 25mm
Weight: 1,2gr | 1,6gr | 1,7gr

M6 Dimensions: 20mm | 25mm | 35mm | 45mm
Weight: 2gr | 2,2gr | 2,5gr | 3,5gr

Available colors



MSRP: 4.50€ (pc)



Material: Aluminum Light Force

M5 Dimensions: 10mm | 16mm | 20mm
Weight: 1gr | 1,3gr | 1,4gr
Max Torque: 5N.m

M6 Dimensions: 15mm | 20mm | 25mm | 35mm
Weight: 1,6gr | 1,8gr | 2,0gr | 2,8gr
Max Torque: 7N.m

Available colors



MSRP: 2.10€ (pc)

Chainring Bolt



Material: Aluminum Light Force

Small 6,5mm
Weight: 5,8gr

Large 8,5mm
Weight: 7gr

Available colors



MSRP: 13.50€ (4pc)

Bolt SRAM M10



Material: Aluminum Light Force
Weight: 4,1gr

Available colors



MSRP: 25€ (4pc)

Grips



Material: 100% Silicone

Weight: 84gr - Comfort / 59gr - Sport

Available colors



MSRP: 18€ (Comf. or Sport)

Visit www.prototype.pt/support
 to find:

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Olympic Para-Cycling Athlete