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NOVATEC

WHEELS 2022

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HEART
PUMPING
SPEED

NOVATEC

QUALITY • PERFORMANCE • RELIABILITY

WHEELS

2022



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TECHNOLOGY



MATRISILK

REINFORCEMENT FIBERS EMBEDDED INTO THE CARBON FABRIC YIELDING A MATRIX STRUCTURE THAT INCREASES STRENGTH & FATIGUE LIFE



HYPERTOROID

OPTIMIZED CROSS-SECTIONAL SHAPE MEANS EXCELLENT FRONTAL AERODYNAMICS & MINIMIZED LATERAL TURBULENCE



PROTEX

PROPRIETARY COATING IMPREGNATED INTO THE BRAKE TRACK OF OUR CARBON RIMS FOR ENHANCED ALL-WEATHER PERFORMANCE



TUBELESS READY

PROPRIETARY RIM PROFILE THAT IS COMPATIBLE WITH TUBELESS TIRE SYSTEMS WITHOUT THE NEED FOR LIQUID SEALANT



A.B.G.

ANTI-BITE GUARD IS A REINFORCED STEEL RIB INTEGRATED INTO ALLOY CASSETTE BODY SPLINES TO MITIGATE DAMAGE FROM DRIVE FORCES



4 IN 1

PROPRIETARY HUB TECHNOLOGY ALLOWING CONVERSION FROM STANDARD QR, 9MM, 15MM & 20MM AXLES (FRONT) & QR, 10MM, 12MM & X12 AXLES



UNIQUE 3 IN 1

PROPRIETARY REAR HUB TECHNOLOGY ALLOWING COMPATIBILITY WITH SHIMANO, SRAM & CAMPAGNOLO CASSETTE BODIES



SEALED BEARING

TOP QUALITY JAPANESE MADE SEALED BEARINGS ENSURE THAT NOVATEC WHEELS ROLL FAST & FRICTION-FREE



REPLACEABLE BEARINGS

DOUBLE & QUAD BEARING CONFIGURATIONS ARE REPLACEABLE SHOULD THEY WEAR OUT - NOT THAT WE EXPECT THAT TO HAPPEN



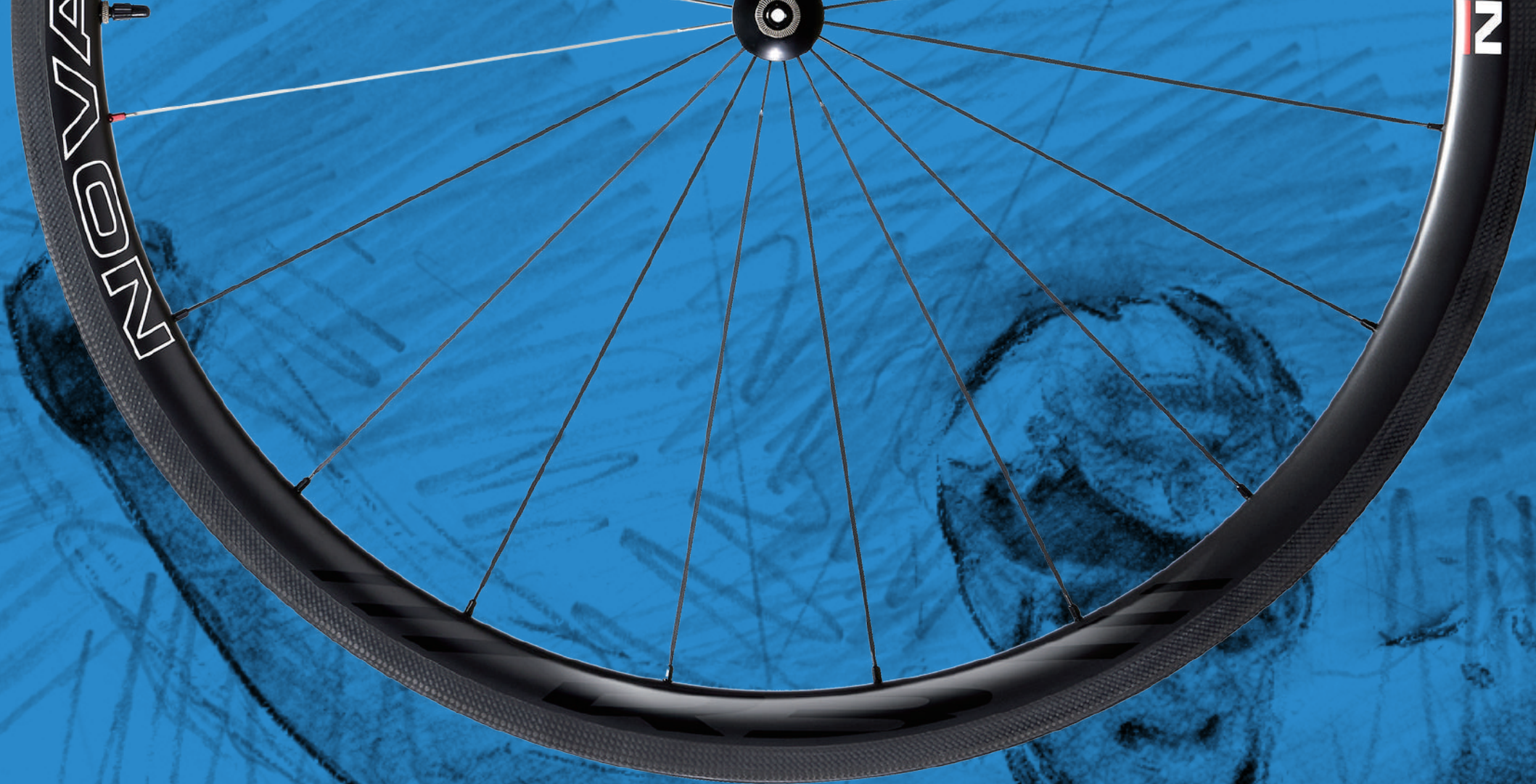
HAND BUILT

ASSURANCE THAT THE WHEELSET DISPLAYING THIS MARK WAS HAND BUILT & TENSIONED BY A SKILLED & DEDICATED NOVATEC EXPERT WHEEL BUILDER



ROAD

R3
JETFLY
JETFLY-SL



OUR MOST VERSATILE CARBON ROAD WHEELSET IS LIGHT ENOUGH FOR CLIMBING & STIFF ENOUGH FOR CRITERIUMS. OUR SEMI-TOROIDAL 38MM DEEP RIM PROFILE IS PERFECTLY TUNED & TENSIONED WITH STAINLESS BLADED SPOKES TO LIGHTWEIGHT HUBS.



(CLINCHER U3.0)

R3

- AN IDEAL, DO-EVERYTHING, 38MM DEEP, WIDE PROFILE FULL CARBON RIM
- MATRISILK STRUCTURAL MESH & PROTEX 3K ENHANCED BRAKING SURFACE
- SUPER HIGH TEMPERATURE TG RESIN PREVENTS HEAT DISTORTION
- MEDIUM DEPTH IS IDEAL BALANCE BETWEEN RIGIDITY & ON-ROAD COMPLIANCE
- HAND BUILT WITH STAINLESS AERO SPOKES & DSN NIPPLES
- ALSO AVAILABLE IN DISC CONFIGURATION WITH ASYMMETRIC RIM FOR LATERAL STRENGTH
- CLINCHER: 1,610 GRAMS/PAIR





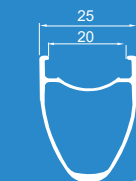
JETFLY-SL(CLINCHER U1.0)

THE PERFECT WHEEL FOR A TRAINING RIDE, JETFLY'S 32MM-DEEP SECTION RIM FEELS LIKE RIDING ON A KNIFE-EDGE.

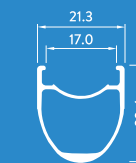


(CLINCHER U4.0)

- **FULL ALLOY RIMS WITH MACHINED BRAKING SURFACE**
- **MINIMAL WEIGHT MAKES THEM CLIMB LIKE A MOUNTAIN GOAT**
- **UNIQUE 3-IN-1 REAR HUB FOR EASY COMPATIBILITY WITH**
- **SHIMANO, SRAM & CAMPY**
- **TUBELESS READY PROFILE**
- **DSN NIPPLES**
- **CLINCHER : 1,564 GRAMS/PAIR**
- **JETFLY-SL : 1,343 GRAMS/PAIR**



JETFLY CLINCHER



JETFLY-SL CLINCHER





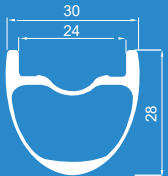
G24 — R4 DISC — R3 DISC — JETFLY DISC



NEW TO OUR LINE UP IS THE G24 GRAVEL WHEELSET. AT HOME ON ANY GRAVEL OR CROSS BIKE, THE G24 IS EQUIPPED WITH A CARBON RIM WITH A HEIGHT OF 28MM AND COMES IN AT A SLIM 415G KEEPING THAT ROTATIONAL WEIGHT LOW. WE ARE OFFERING HOOKLESS ON OUR G24 WITH AN INNER RIM WIDTH OF 24MM, THEY CAN TAKE A 50C TIRE NO PROBLEM AND STILL WITH TUBELESS READY, WE'RE CONFIDENT THIS WILL BECOME A FAVORITE OF THE BACK-ROAD EXPLORER.

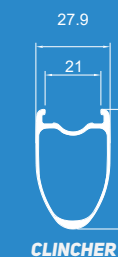
- AN IDEAL, DO-EVERYTHING, 28MM DEEP, WIDE PROFILE FULL CARBON RIM
- MEDIUM DEPTH IS IDEAL BALANCE BETWEEN RIGIDITY & ON-ROAD COMPLIANCE
- HAND BUILT WITH STAINLESS AERO SPOKES & DSN NIPPLES
- HOOKLESS/TLR
- CLINCHER: 1,575 GRAMS/PAIR

(CLINCHER U1.0)



OUR R4 DISC WHEELSET IS A NEW ADDITION TO OUR DISC CARBON WHEEL COLLECTION. AN IN-BETWEEN OUR R3S AND R5S WITH A RIM HEIGHT OF 45MM AND AN INTERNAL WIDTH UP TO 21MM WITH TUBELESS READY, THE R4 WHEELSET IS PERFECT FOR THE SERIOUS CYCLIST. WITH A RIM WEIGHT OF 470G, THE ROTATIONAL WEIGHT IS MINIMAL, AND OUR CLASSIC R SERIES SHAPE STAYS TRUE TO RACE AERO DYNAMICS. AVAILABLE WITH CENTERLOCK ONLY.

(CLINCHER U1.0)



- AN IDEAL, DO-EVERYTHING, 45MM DEEP, WIDE PROFILE FULL CARBON RIM
- MEDIUM DEPTH IS IDEAL BALANCE BETWEEN RIGIDITY & ON-ROAD COMPLIANCE
- HAND BUILT WITH STAINLESS AERO SPOKES & DSN NIPPLES
- CLINCHER: 1,559 GRAMS/PAIR



THE NEW UPDATED R3 DISC WHEELSET TO KEEP UP WITH THE CURRENT TRENDS. WE'VE WIDENED THE INTERNAL RIM WIDTH TO 21MM WITH TUBELESS READY GIVING YOUR TIRES A LITTLE MORE ROOM AND DECREASED THE RIM HEIGHT TO 35MM FROM 38MM KEEPS THESE IN REGULAR ROTATION THROUGHOUT YOUR BIKE STABLE SO IT'S NO PROBLEM BEING YOUR EVERYDAY WHEELSET.

R3 DISC



- AN IDEAL, DO-EVERYTHING, 35MM DEEP, WIDE PROFILE FULL CARBON RIM
- MEDIUM DEPTH IS IDEAL BALANCE BETWEEN RIGIDITY & ON-ROAD COMPLIANCE
- HAND BUILT WITH STAINLESS AERO SPOKES & DSN NIPPLES
- ALSO AVAILABLE IN DISC CONFIGURATION WITH ASYMMETRIC RIM FOR LATERAL STRENGTH
- CLINCHER: 1,478 GRAMS/PAIR



(CLINCHER U3.0) ASYMMETRIC RIM



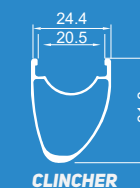
JETFLY DISC



- NEW WIDE PROFILE SUPERLIGHT ALLOY RIM
- ANTI-BITE GUARD (ABG) CASSETTE BODY
- RACE LEVEL FEATURES AND PERFORMANCE
- UNIQUE 3-IN-1 REAR HUB FOR EASY COMPATIBILITY WITH
- SHIMANO, SRAM & CAMPY
- TUBELESS READY PROFILE
- DSN NIPPLES
- CLINCHER : 1,714 GRAMS/PAIR

THE JETFLY DISC IS OUR TRIED-AND-TRUE ALLOY ROAD DISC WHEELSET. WHETHER YOU ARE OUT FOR A LONG TRAINING RIDE OR EXPLORING NEW ROUTES, THE JETFLY DISC CAN DO IT ALL. DUE TO THE VERSATILITY OF THIS WHEELSET, WE ARE NOW OFFERING THEM IN CENTERLOCK ONLY. THE INTERNAL WIDTH COMES WITH 20MM AND STILL OFFER IN TUBELESS READY.

(CLINCHER U4.0)



OFFROAD



M30 — FLOWTRAIL — DIABLO —
— DIABLO XL — DEMON XL — CRISP



M30 29"

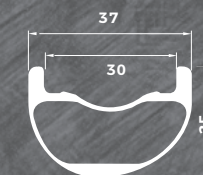


M30 29"



M30 27.5"

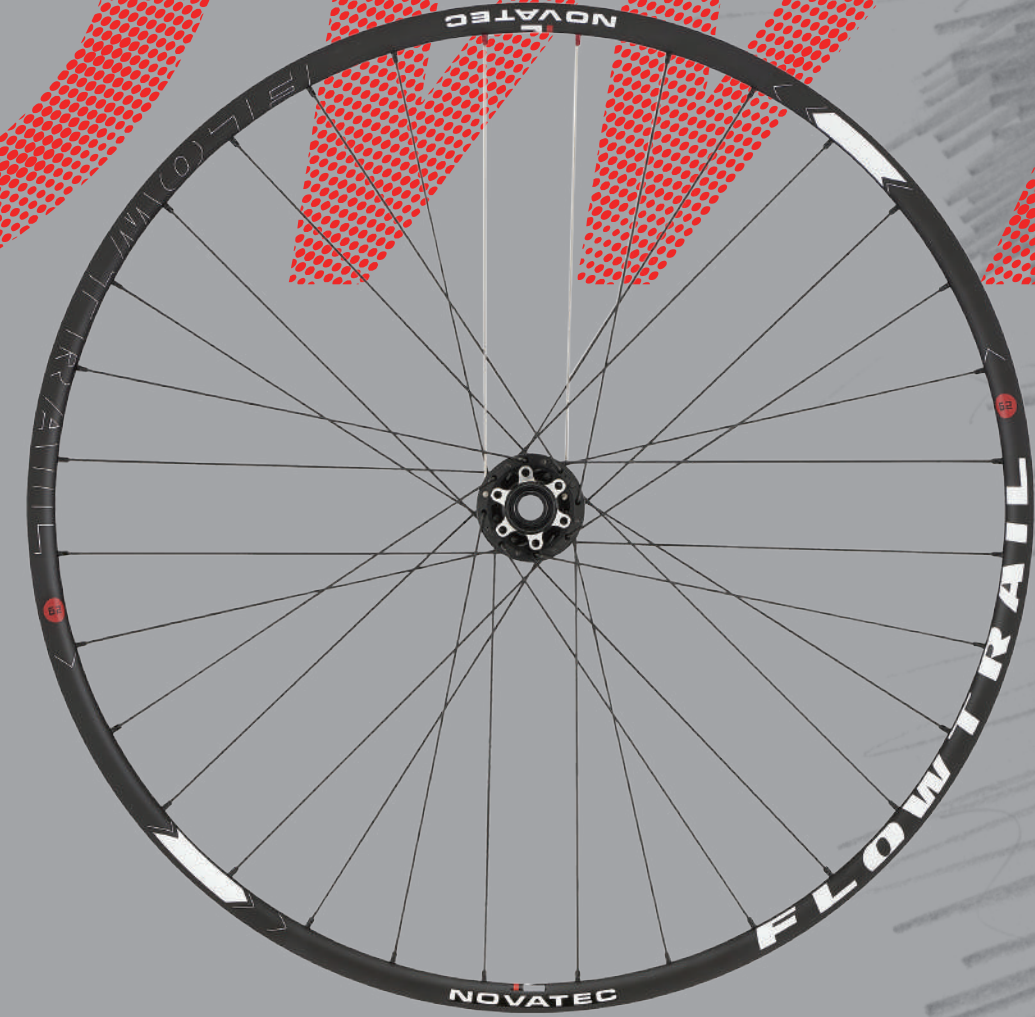
- **TRAIL POUNDING 30MM INNER WIDTH**
- **TUBELESS READY MICROPEENED RIM PROFILE**
- **HEAT CURED GRAPHICS ARE LIGHT & CAN WITHSTAND HARD OFF ROAD ABUSE**
- **AVAILABLE IN 27.5 & 29 RIM DIAMETERS**
- **DSN NIPPLES**
- **M30 27.5: 1,915 GRAMS/PAIR**
M30 29: 1,982 GRAMS/PAIR
- **AVAILABLE IN AND BOOST SPACING**



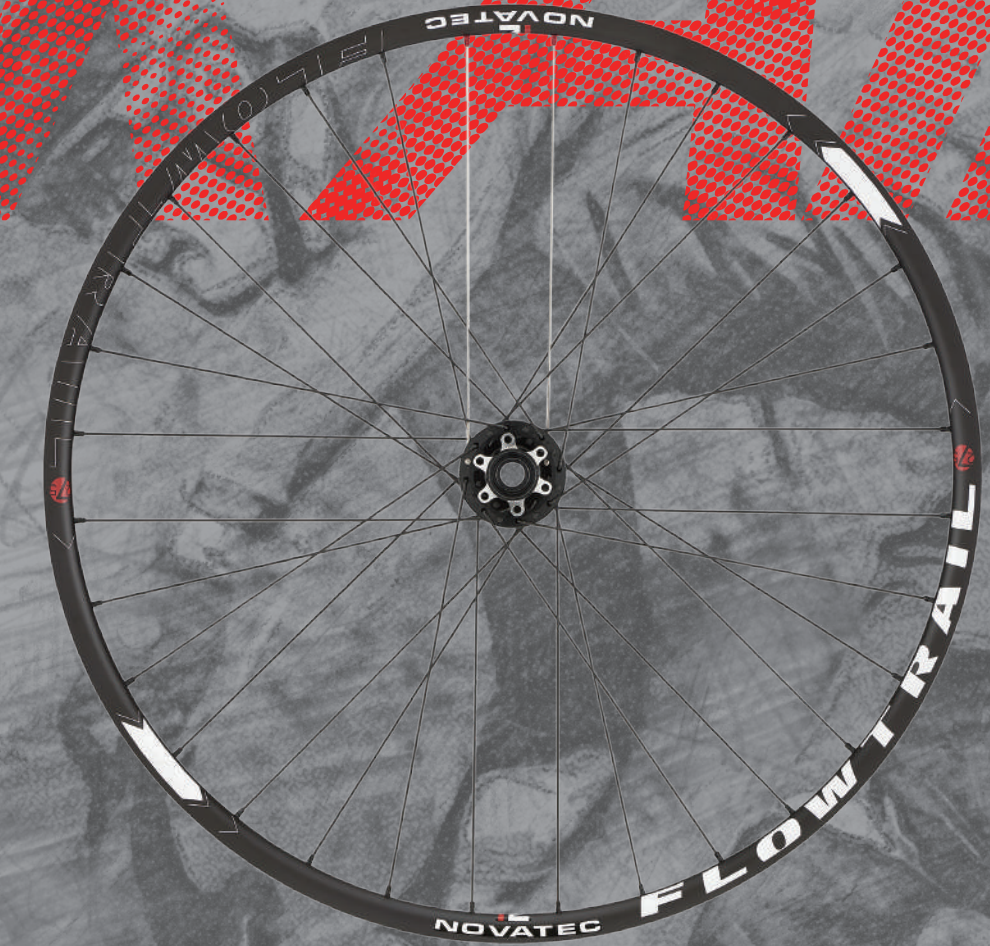
FLOWTRAIL



FLOWTRAIL 29" BOOST

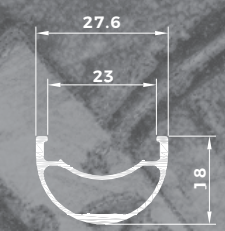


FLOWTRAIL 29" BOOST



FLOWTRAIL 27.5" BOOST

- **TUBELESS READY PROFILE - NO MORE PINCH FLATS FOR WHEN THE GOING GETS ROUGH**
- **4-IN-1 FRONT HUB EASILY CONVERTS FROM QR, 9MM, 15MM & 20MM AXLES**
- **AN ALL NEW WIDE PARABOLIC RIM CROSS SECTION RESULTS IN IMPROVED TIRE SHAPING WHILE DISSIPATING FORCES MORE EVENLY ACROSS THE RIM STRUCTURE**
- **SLEEVED RIM JOINT IS STRONGER THAN A WELDED JOINT & DOES NOT HEAT DAMAGE THE RIM**
- **A.B.G. FORTIFIED ALLOY CASSETTE BODY RESISTS DAMAGE FROM DRIVE FORCES**
- **AVAILABLE IN 27.5 & 29 RIM DIAMETERS**
- **DSN NIPPLES**
- **FLOWTRAIL 27.5 BOOST: 1,777 GRAMS/PAIR**
FLOWTRAIL 29 BOOST: 1,830 GRAMS/PAIR
- **AVAILABLE IN STANDARD AND BOOST SPACING**



THE NAME SAYS IT ALL. FLOWTRAIL IS A PERFECT BLEND OF GRAVITY-BIASED & GO-ANYWHERE PERSONALITIES. LIGHT ENOUGH FOR CROSS COUNTRY, RESILIENT ENOUGH FOR ENDURO & PERFECT FOR EVERYDAY, FLOWTRAIL LETS YOU FIND RHYTHM ON YOUR RIDE.





DIABLO 29"

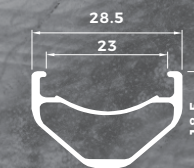


DIABLO 29"



DIABLO 27.5"

- TRAIL POUNDING 23MM INNER WIDTH
- TUBELESS READY MICROPEENED RIM PROFILE
- 4-IN-1 FRONT HUB FOR COMPATIBILITY WITH QR, 9MM, 15MM & 20MM FRONT AXLE SYSTEMS
- HEAT CURED GRAPHICS ARE LIGHT & CAN WITHSTAND HARD OFF ROAD ABUSE
- AVAILABLE IN 27.5 & 29 RIM DIAMETERS
- DSN NIPPLES
- DIABLO 27.5: 1,873 GRAMS/PAIR
DIABLO 29: 1,969 GRAMS/PAIR
- AVAILABLE IN STANDARD AND BOOST SPACING



DIABLO LIVES SILENTLY IN THE NOVATEC STABLE SOMEWHERE BETWEEN THE LOAMY TRAILS OF MISTY MOUNTAIN BLISS & THE CHAOS OF GRAVITY-FED ALPINE DESCENTS. RACKING UP PODIUM AFTER PODIUM, DIABLO IS THE WINNINGEST OFFROAD WHEELSET IN OUR LINEUP.

DIABLO XL



DIABLO XL 29"

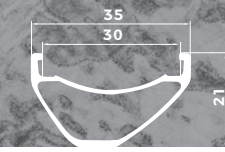


DIABLO XL 29"



DIABLO XL 27.5" BOOST

- BOOST ONLY FRONT AND REAR HUB
- 30MM INNER WIDTH
- ENDURO PLUS 35MM WIDTH
- TUBELESS READY MICROPEENED RIM PROFILE
- HEAT CURED GRAPHICS ARE LIGHT & CAN WITHSTAND HARD OFF ROAD ABUSE
- DSN NIPPLES
- DIABLO XL 275 BOOST: 2,048 GRAMS/PAIR
- DIABLO XL 29: 2,134 GRAMS/PAIR

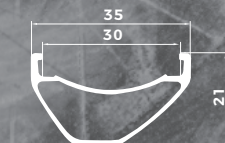


HARD CORE HAS NOTHING ON THE DIABLO XL. IF OUR GRAVITY WHEELS ARE BOMBPROOF THEN THE DIABLO XL IS THE BOMB - WIDER, STRONGER, T AND FASTER OVER ANY DH COURSE YOU THROW AT IT





- **BOOST ONLY FRONT AND REAR HUB**
- **30MM INNER WIDTH**
- **ENDURO PLUS 35MM WIDTH**
- **TUBELESS READY MICROPEENED RIM PROFILE**
- **HEAT CURED GRAPHICS ARE LIGHT & CAN WITHSTAND HARD OFF ROAD ABUSE**
- **BRASS NIPPLES**
- **DEMON XL 275 SUPER BOOST: 2,110 GRAMS/PAIR**
DEMON XL 29 SUPER BOOST: 2,205 GRAMS/PAIR



DEMON XL 29" SUPER BOOST

DEMON XL 29" SUPER BOOST

DEMON XL 27.5" SUPER BOOST

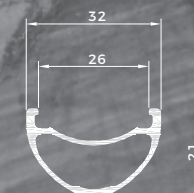
THE PLACE WHERE YOU CHEERS YOUR CREW FOR EVERYTHING YOUR THANKFUL FOR, FLIP THE FUN SWITCHES AND JUST BEFORE YOU POINT YOUR RIG INTO THE VOID BELOW YOU TAKE THAT DEEP BREATH. THIS IS THE PLACE WE TREASURE THE MOST, WE LIVE FOR THOSE MOMENTS AND ALL THAT FOLLOW. THE DEMON XL IS OUR ANSWER FOR EVERYONE LOOKING FOR THE WHEELSET TO ACCOMPANY US IN THESE MOMENTS, REGARDLESS OF WHAT COMES NEXT.



CRISP GREY 26"

CRISP BLACK 26"

- 26MM INNER WIDTH
- EXTERNAL 32MM WIDTH
- TUBELESS READY MICROPEENED RIM PROFILE
- HEAT CURED GRAPHICS ARE LIGHT & CAN WITHSTAND HARD OFF ROAD ABUSE
- BRASS NIPPLES
- CRISP 26: 2,100 GRAMS/PAIR



DESIGN AND PRODUCE A WHEELSET THAT WOULD HOLD UP TO THE ABUSE THESE GUYS THROW AT IT, LOOK RAD AND NOT BREAK THE BANK
ALL NEW SINGLE SPEED SPECIFIC HUB UTILIZING THE INTERNAL STRUCTURE OF OUR FACTOR HUBS, THIS COMBINATION ALLOWS FOR ALMOST INSTANT ENGAGEMENT TO
GET YOU MOVING INTO THE LINE IMMEDIATELY

HUBS 2022

NOVATEC IS WELL-KNOWN FOR OUR LIGHT, SOLID SMOOTH ROALLING HUBS, FORM ROAD TO TRACK, CAMPY TO SRAM,
NOVATEC AFTERMARKET HUBS SHOULD BE AT THE HEART OF EVERY WHEELSET.

DIABLO

DEMON

CRISP



SL-TEAM

D791SB-B15

ALLOY J-HOOK DISC HUB
WEIGHT 170G
SEALED BEARING 2
SPOKE HOLES 24 28 32 36
GAUGE 14
O.L.D 110
AXLE 15
AXLE MATERIAL ALLOY
P.C.D 58/45
F.T.F 71.2
OFFSET 7.2
CENTER LOCK: D791SB-CL-B15
15X100: D791SB-15



SL-PRO

D902SB-B12-115

ALLOY J-HOOK DISC HUB
WEIGHT 370G
SEALED BEARING 4
SPOKE HOLES 32 36
GAUGE 13 14
O.L.D 148
AXLE 12
AXLE MATERIAL ALLOY - CRMO
P.C.D 62
F.T.F 62.1
OFFSET 7.6
PAWLS 4
XD DRIVER COMPATIBLE
MICRO SPLINE COMPATIBLE
CENTER LOCK: D902SB-CL-B12-115



SL PRO

XD641SB-B15

ALLOY J-HOOK DISC HUB
WEIGHT 196G
SEALED BEARING 2
SPOKE HOLES 32
GAUGE 14
O.L.D 110
AXLE 15
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 69.5
OFFSET 5.9
15X100: XD641SB-15



SL-PRO

DH92SB-A4A-157-MS

ALLOY J-HOOK DISC HUB
WEIGHT 393G
SEALED BEARING 4
SPOKE HOLES 32
GAUGE 14
O.L.D 150/157
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 44
F.T.F 71.4
OFFSET 7.6
PAWLS 4
XD DRIVER COMPATIBLE



SL-PRO+

XD641SB/A-20

ALLOY J-HOOK DISC HUB
WEIGHT 192G
SEALED BEARING 2
SPOKE HOLES 28 32
GAUGE 14
O.L.D 110
AXLE 20
AXLE MATERIAL ALLOY
P.C.D 58
F.T.F 59.5
OFFSET 5.9



SL PRO

XD262SB-A6A

ALLOY J-HOOK DISC HUB
WEIGHT 370G
SEALED BEARING 4
SPOKE HOLES 32
GAUGE 14
O.L.D 135/142
AXLE 10/12
AXLE MATERIAL ALLOY
P.C.D 62
F.T.F 72.9
OFFSET 0.7
PAWLS 6
9T-DRIVER UNIT COMPATIBLE



SL-PRO+

A291SB/A-SL
ALLOY J-HOOK HUB
WEIGHT 60G
SEALED BEARING 2
SPOKE HOLES 20 24 28
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL ALLOY
P.C.D 30
F.T.F 68.7



SP-PRO+

AS61CB
CARBON STRAIGHT PULL HUB
WEIGHT 72G
SEALED BEARING 2
SPOKE HOLES 20
GAUGE 14
O.L.D 100
AXLE 9
AXLE MATERIAL ALLOY
P.C.D 31.5
F.T.F 60.4



SP-PRO+

D411CB-12
CARBON STRAIGHT PULL DISC HUB
WEIGHT 79G
SEALED BEARING 2
SPOKE HOLES 24 28
GAUGE 14
O.L.D 100
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 34
F.T.F 63.5



SL-PRO+

F482SB/A-SL-115
ALLOY J-HOOK HUB
WEIGHT 228G
SEALED BEARING 4
SPOKE HOLES 20 24 28 32
GAUGE 14
O.L.D 130
AXLE 10
AXLE MATERIAL ALLOY
P.C.D 41 / 49
F.T.F 56.6
PAWLS 4



SP-PRO+

FS62CB-115
CARBON STRAIGHT PULL HUB
WEIGHT 215G
SEALED BEARING 4
SPOKE HOLES 24
GAUGE 14
O.L.D 130
AXLE 10
AXLE MATERIAL ALLOY
P.C.D 34 / 47
F.T.F 67.8
PAWLS 4



SP-PRO+

D412CB-X12-115
CARBON STRAIGHT PULL DISC HUB
WEIGHT 229G
SEALED BEARING 4
SPOKE HOLES 24 28
GAUGE 14
O.L.D 142
AXLE 12
AXLE MATERIAL ALLOY
P.C.D 34 / 74
F.T.F 60.8
PAWLS 4



QUICK RELEASE/CASSETTE

ROAD / ROAD DISC

SHIMANO/SRAM/CAMPY COMPATIBLE

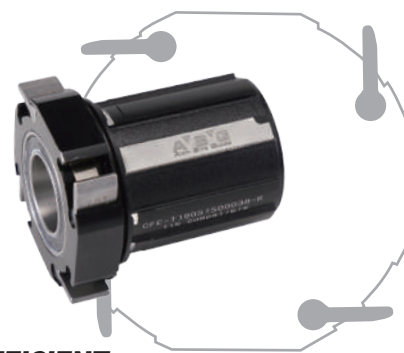


VERSATILE

OUR ROAD CASSETTE BODIES ARE 8, 9, 10 & 11 SPEED COMPATIBLE. SIMPLY INCLUDE THE SPACER FOR 8, 9 & 10 SPEED GEARING & REMOVE IT FOR 11 SPEED GEARING.

MTB SHIMANO COMPATIBLE

E440
4 PAWLS WITH 40T 2 SEALED BEARINGS OD17 CASSETTE BODY



EFFICIENT

OUR ALL NEW OFF ROAD CASSETTE FEATURES A NEW 4-PAWL, OFFSET TOOTH DRIVE SYSTEM TO MINIMIZE ANY DRIVE SLACK WHICH CAN COST PRECIOUS SECONDS IN COMPETITION.

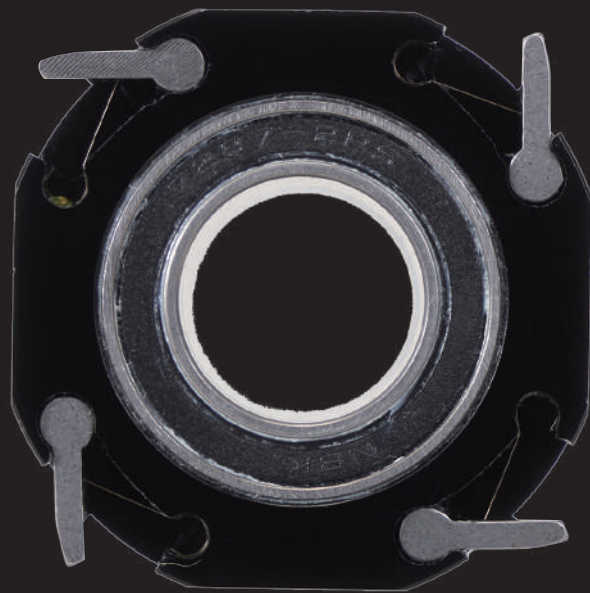
SRAM COMPATIBLE



ADAPTABLE

NOVATEC CASSETTE BODIES ARE AVAILABLE IN OPTIONS COMPATIBLE WITH 8, 9, 10 AND 11 SPEED CASSETTES FROM SHIMANO AS WELL AS THE LATEST 1X SYSTEMS FROM SRAM.

INNOVATIONS ABOUND IN NOVATEC'S LATEST FAST ENGAGEMENT CASSETTE BODY. OUR 40TOOTH RATCHET RING MATES WITH 6 PHASED PAWLS AT TWO POINTS OF ENGAGEMENT EACH FOR POSITIVE, FORWARD-DRIVING CONTACT AT EVERY 4.28 DEGREES. THIS LEVEL OF DRIVE TRANSFERS EVERY WATT OF POWER TO THE WHEELS THROUGH OUR LIGHTWEIGHT, ALLOY FREE HUB BODY WITH ABG TO TAKE THE BITE OUT OF WEAR FROM THE CASSETTE. FOUR JAPANESE SEALED CARTRIDGE BEARINGS ROLL WITH VIRTUALLY ZERO FRICTION ARE POSITIONED ALONG THE AXLE TO PERFECTLY BALANCE FORCES IMPARTED BY THE CHASSIS



SEALED BEARING

TOP QUALITY JAPANESE BEARING, ENSURING THE NOVATEC WHEELS ROLL FAST & FRICTION - FREE



REPLACEABLE BEARING

DOUBLE & QUAD BEARING CONFIGURATION ARE REPLACEABLE SHOULD THEY WEAR OUT - NOT THAT WE EXPECT THAT TO HAPPEN



4IN1

FOUR IN ONE SYSTEM, ALLOWING CONVERSION BETWEEN STANDARD QR, 9, 15 / 20 FRONT AXLES QR, 10, 12 & X12 REAR AXLES



B427

4 PAWLS WITH 27T 2 SEALED BEARINGS OD15 CASSETTE BODY



B2-427

4 PAWLS WITH 27T 2 SEALED BEARINGS OD15 LIGHT WEIGHT CASSETTE BODY



E440

4 PAWLS WITH 40T 2 SEALED BEARINGS OD17 CASSETTE BODY

QR249 F40G R45G
QR249 TI F32G R35G



VALVE EXTENDER

42MM FOR R5
70MM FOR R9



BRAKE PADS

FULL CARBON COMPOUND
SHIMANO & CAMPY FITMENTS



RIM STRIPS

700C/2 9/275 SIZE
16MM & 18MM WIDTHS



BEARING PULLER KIT



TUBULESS TAPE

21MM/24MM/26MM/28MM



BEARING INSTALLER KIT



WHEEL AM PACKAGING



TUBULESS VALVE

35MM / 44MM



HUB & CASSETTE AM PACKAGING



SIZE	CUFT	PCS
700C	3.35	1 SET
650B	2.61	1 SET
650B+	3.43	1 SET
650B++	4.35	1 SET
26 "	2.53	1 SET
700C	12.63	3 SETS
26"	10.7	3 SETS

GLOBAL

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WHEELSET SPECS 2022

MODEL Weight/pair	TYPE	RIM TYPE DEPTH	ETRTO ERD	INNER WIDTH EXTERNAL WIDTH	RIM FINISHING	WEIGHT FRONT / REAR CALCULATED	SPOKES No. J-Hook/Straight	SPOKES TYPE	SPOKES FRONT L/R (mm)	SPOKES REAR L/R (mm)	LACING FRONT/REAR	NIPPLE TYPE	EYELETS / VALVE HOLE	HUBS	HUB FINISHING	AXLE FRONT/REAR	CONVERTIBLE TO TUBELESS	CASSETTE Shim/Sram/Camp	MATERIAL OF CASS.BODY/ COMPATIBILITY	RIM WEIGHT	BEARING SIZE	HUB WEIGHT FRONT / REAR	QUICK RELEASE	PARTS
R3 (Clin. U3.0) 1610g	Road Racing/Universa	Clincher Carbon 38mm	622-27.4 561.6MM*	20mm/27mm	UD MATRISILK PROTEX	712g 898g	20/24 Straight	Stainless Aero	L:10x273 R:10x273	L:8x270 R:16x267	F:Radial R:1X/2X	Black / 2 Red 16mm DSN Alloy	NO Ø6.5mm	XA831SB XF312SB	BLACK ANO. POLISHED	AL 9x108x100 AL 10x140x130	YES	SHIM.11 UNIQUE 3in1	Alloy ABC	498g	F: #699x2 R: #6802x1 #6902x3	F: 90g R: 253g	QR261	Brake Shoers,Valve Extener,4 Spare Spokes and Nipples
R3 DISC OCR-CL (Clin. U3.0)1478g	Road Disc Brake	Clincher DISC Carbon 35mm	622-27.8 537.8MM*	21mm/28mm	UD	665g 813g	24/24 Straight	Stainless Aero	L:12x286 R:12x286	L:12x286 R:12x284	F:2X/2X R:2X/2X	Black / 2 Red 16mm DSN Alloy	NO Ø6.5mm	D411CB-CL-12 D412CB-CL-X12	UD FINISHING	AL 12x100 AL 12x142	YES	SHIM.11 UNIQUE 3in1	Alloy ABG	440g	F: #6803x2 R: #15267x2 #6902x2	F: 87g R: 242g		Valve Extener,4 Spare Spoke and Nipples
R4 DISC -CL (Clin. U1.0)1559g	Road Disc Brake	Clincher DISC Carbon 45mm	622-27.9 537.8MM*	21mm/28mm	UD	697g 862g	24/24 Straight	Stainless Aero	L:12x276 R:12x277	L:12x278 R:12x276	F:2X/2X R:2X/2X	Black / 2 Red 16mm DSN Alloy	NO Ø6.5mm	D411CB-CL-12 D412CB-CL-X12	UD FINISHING	AL 12x100 AL 12x142	YES	SHIM.11 UNIQUE 3in1	Alloy ABC	470g	F: #6803x2 R: #15267x2 #6902x2	F: 87g R: 242g		Valve Extener,4 Spare Spoke and Nipples
JETFLY (U4.0) 1564g	Road Racing/ Training	Clincher Alloy 32mm	622-20 589.2MM*	20mm/25mm	BLACK MICRO PEEN	688g 876g	20/24 J-HOOK	Stainless Double Butted	L:12x277 R:12x277	L:8x268 R:16x283	F:Radial R:1X/3X	Black / 2 Red 14mm DSN Alloy	NO Ø6.5mm	XA561SB XF562SB	BLACK ANO. POLISHED	AL 9x108x100 AL 10x140x130	YES	SHIM.11 UNIQUE 3in1	Alloy ABC	518g	F: #689x2 R: #6802x1 #6902x3	F: 65g R: 235g	QR249	4 Spare Spokes and Nipples
JETFLY SL(Clin.U1.0) 1343g	Road Racing/ Training	Clincher Alloy 23.3mm	622-17 589.2MM*	17mm/21.3mm	BLACK MICRO PEEN	583g 760g	20/24 J-HOOK	Stainless Double Butted	L:10x285 R:10x285	L:8x284 R:16x291	F:Radial R:1X/3X	Black / 2 Red 14mm DSN Alloy	NO Ø6.5mm	XA561SB XF562SB	BLACK ANO. POLISHED	AL 9x108x100 AL 10x140x130	YES	SHIM.11 UNIQUE 3in1	Alloy ABC	385g	F: #689x2 R: #6802x1 #6902x3	F: 65g R: 235g	QR249	4 Spare Spokes and Nipples
JETFLY DISC-CL (U4.0) 1714g	Road Disc Brake	Clincher Alloy 32mm	622-20 572.1MM*	20mm/24mm	BLACK MICRO PEEN	786g 928g	24/28 J-HOOK	Stainless Double Butted	L:12x280 R:12x282	L:14x288 R:14x276	F:2X/2X R:3X/2X	Black / 2 Red 14mm DSN Alloy	NO Ø6.5mm	D791SB-CL D792SB-CL-X12	BLACK ANO. POLISHED	AL 12x100 AL 12x142	YES	SHIM.11 UNIQUE 3in1	Alloy ABC	504g	F: #6902x2 R: #6902x4	F:144g R:271 g		4 Spare Spokes and Nipples
G24 (U1.0) 1575g	GRAVEL	Clincher Carbon 28mm	622-24 537.8mm*	24mm/30mm	UD	724g 851g	24/24 J-HOOK	Stainless Double Butted	L:12x286 R:12x288	L:12x288 R:12x285	F:2X/2X R:2X/2X	Black 16mm DSN Alloy	NO Ø6.5mm	D791SB-CL D792SB-CL-X12	BLACK ANO. POLISHED	AL 12x100 AL 12x142	YES	SHIM.11 UNIQUE 3in1	Alloy ABC	415g	F: #6902x2 R: #6902x4	F:144g R:271 g		4 Spare Spokes and Nipples
M30 27.5 (U1.0) 1915g	MTB Disc Trail	Clincher Carbon 25mm	584-30 589.2MM	30mm/37mm	UD	854g 1061g	32/32 J-HOOK	Stainless Double Butted	L:16x271 R:16x274	L:16x272 R:16x270	F:3X/3X R:3X/3X	Black 16mm DSN Alloy	NO Ø6.5mm	D791SB-B15 D902SB-B12	BLACK ANO. POLISHED	AL 15x110 AL 12x148	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD/MS]	470g	F: #6902x2 R: #6903x2 #17287x2	F:157g R:378g		4 Spare Spokes and Nipples
M30 29.5 (U1.0) 1982g	MTB Disc Trail	Clincher Carbon 25mm	622-30 593.8MM*	30mm/37mm	UD	881g 1101g	32/32 J-HOOK	Stainless Double Butted	L:16x290 R:16x293	L:16x291 R:16x289	F:3X/3X R:3X/3X	Black 16mm DSN Alloy	NO Ø6.5mm	D791SB-B15 D902SB-B12	BLACK ANO. POLISHED	AL 15x110 AL 12x148	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD/MS]	490g	F: #6902x2 R: #6903x2 #17287x2	F:157g R:378g		4 Spare Spokes and Nipples
FLOWTRAIL 27.5 (U3.1) 1777g	MTB Disc Trail	Clincher Alloy 18mm	584-23 589.2MM	23mm/27.6mm	BLACK MICRO PEEN	780g 997g	32/32 J-HOOK	Stainless Double Butted	L:16x275 R:16x279	L:16x276 R:16x274	F:3X/3X R:3X/3X	Black / 2 Red 14mm DSN Alloy	NO Ø6.5mm	D791SB-B15 D902SB-B12	BLACK ANO. POLISHED	AL 15x110 AL 12x148	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD/MS]	415g	F: #6902x2 R: #6903x2 #17287x2	F:157g R:378g		4 Spare Spokes and Nipples
FLOWTRAIL 29 (U3.1) 1830g	MTB Disc Trail	Clincher Alloy 18mm	622-23 593.8MM*	23mm/27.6mm	BLACK MICRO PEEN	796G 1034G	32/32 J-HOOK	Stainless Double Butted	L:16x294 R:16x298	L:16x295 R:16x293	F:3X/3X R:3X/3X	Black / 2 Red 14mm DSN Alloy	NO Ø6.5mm	D791SB-B15 D902SB-B12	BLACK ANO. POLISHED	AL 15x110 AL 12x148	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD/MS]	440g	F: #6902x2 R: #6903x2 #17287x2	F:157g R:378g		4 Spare Spokes and Nipples
DIABLO 27.5 BOOST (U2.1) 1873g	MTB Disc Trail	Clincher Alloy 18.5mm	584-23 589.2MM	23mm/28.5mm	BLACK MICRO PEEN	838g 1045g	32/32 J-HOOK	Stainless Double Butted	L:16x274 R:16x278	L:16x275 R:16x273	F:3X/3X R:3X/3X	Black / 2 Red 14mm DSN Alloy	NO Ø6.5mm	D791SB-B15 D902SB-B12	BLACK ANO. POLISHED	AL 15x110 AL 12x148	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD/MS]	440g	F: #6902x2 R: #6903x2 #17287x2	F:157g R:378g		4 Spare Spokes and Nipples
DIABLO 29 BOOST (U2.1) 1969g	MTB Disc Trail	Clincher Alloy 18.5mm	622-23 593.8MM*	23mm/28.5mm	BLACK MICRO PEEN	882g 1087g	32/32 J-HOOK	Stainless Double Butted	L:16x294 R:16x298	L:16x295 R:16x293	F:3X/3X R:3X/3X	Black / 2 Red 14mm DSN Alloy	NO Ø6.5mm	D791SB-B15 D902SB-B12	BLACK ANO. POLISHED	AL 15x110 AL 12x148	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD/MS]	490g	F: #6902x2 R: #6903x2 #17287x2	F:157g R:378g		4 Spare Spokes and Nipples
DIABLO XL 27.5(U2.0) 2048g	MTB DISC ENDURO	Clincher Alloy 21mm	584-30 556MM*	30mm/35mm	BLACK MICRO PEEN	914G 1134G	32/32 J-HOOK	Stainless Double Butted	L:16x272 R:16x276	L:16x272 R:16x271	F:3X/3X R:3X/3X	Black / 2 Red 14mm DSN Alloy	NO Ø6.5mm	D791SB-B15 D902SB-B12	BLACK ANO. POLISHED	AL 15X110 AL 12X148	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD/MS]	549G	F: #6804x2 R: #17287x2 #6903x2	F:157g R:378g		4 Spare Spokes and Nipples
DIABLO XL 29(U2.0) 2134g	MTB DISC ENDURO SUPER BOOST	Clincher Alloy 21mm	622-30 593.8MM*	30mm/35mm	BLACK MICRO PEEN	963G 1171G	32/32 J-HOOK	Stainless Double Butted	L:16x291 R:16x295	L:16x291 R:16x290	F:3X/3X R:3X/3X	Black / 2 Red 14mm DSN Alloy	NO Ø6.5mm	D791SB-B15 D902SB-B12	BLACK ANO. POLISHED	AL 15X110 AL 12X148	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD/MS]	584G	F: #6804x2 R: #17287x2 #6903x2	F:157g R:378g		4 Spare Spokes and Nipples
DEMON XL 27.5(U2.0)- SUPER BOOST 2110g	MTB DISC SUPER BOOST	Clincher Alloy 21mm	584-30 556MM*	30mm/35mm	BLACK MICRO PEEN	955g 1155g	32/32 J-HOOK	Stainless Double Butted	L:16x269 R:16x270	L:16x270 R:16x268	F:3X/3X R:3X/3X	SILVER 14MM BRASS NIPPLE	NO Ø6.5mm	XD641SB-B20 DH92SB-12X157	BLACK ANO. POLISHED	AL 20X110 AL 12x157	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD]	549G	F: #6804x2 R: #17287x2 #6903x2	F:187g R:394g		4 Spare Spokes and Nipples
DEMON XL 29(U2.0)- SUPER BOOST 2205g	MTB DISC DH BOOST	Clincher Alloy 21mm	622-30 593.8MM*	30mm/35mm	BLACK MICRO PEEN	1005g 1200g	32/32 J-HOOK	Stainless Double Butted	L:16x288 R:16x289	L:16x289 R:16x287	F:3X/3X R:3X/3X	SILVER 14MM BRASS NIPPLE	NO Ø6.5mm	XD641SB-B20 DH92SB-12X157	BLACK ANO. POLISHED	AL 20X110 AL 12x157	YES	SHIM.11 UNIQUE 3in1	Alloy ABC [XD]	584G	F: #6804x2 R: #17287x2 #6903x2	F:187g R:394g		4 Spare Spokes and Nipples
CRISP 2100g	DIRT JUMP	Clincher Alloy 21mm	559-26 530.5MM*	26mm/32mm	BLACK MICRO PEEN	920g 1180g	32/32 J-HOOK	Stainless Double Butted	L:16x256 R:16x258	L:16x257 R:16x257	F:3X/3X R:3X/3X	SILVER 12MM BRASS NIPPLE	NO Ø6.3mm	XD641SB XD262SB	BLACK ANO. POLISHED	AL 15X100 AL 10X135	YES	SHIM.11 UNIQUE 3in1		530G	F: #6804x2 R: #6902x4	F:185g		4 Spare Spokes and Nipples

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