



YOUR **WHEELS** • OUR **PASSION**

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[blackjackwheels.com](http://blackjackwheels.com)

20 **26**

# RODI cycling

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**RODI Cycling** has been on the road for over **50 years** with a clear mission: to craft high-quality carbon and aluminium rims and wheels for cyclists around the world.

As a proud division of **RODI Industries**, based in Portugal, we've become a trusted partner to leading bicycle manufacturers across Europe and beyond.

In 2005, we launched **Blackjack Wheels**, our premium brand dedicated to high-performance cycling components. **Blackjack Wheels** reflects our commitment to innovation, offering advanced solutions for athletes and cyclists who strive to push their limits.

This catalogue brings together **RODI Cycling's** extensive know-how and **Blackjack's** performance-driven DNA.

Inside, you'll find a complete range of OEM Solutions meticulously engineered to meet the diverse demands of our partners.

From urban commuting to competitive racing, our products reflect a relentless dedication to quality, innovation, and sustainability.

**Explore our portfolio of high-precision, scalable solutions for modern bicycle production.**



# wheels/rims

## **TR CARBON** SERIES DISTRIBUTORS EXCLUSIVE 07

**TR21** CARBON - ROAD 08 - 09

**TR24** CARBON - GRAVEL 10 - 11

**TR26** CARBON - XC 12 - 13

**TR30** CARBON - ALL-MOUNTAIN 14 - 15

## **AERON** ALLOY SERIES **NEW** 17

**AERON 22** ROAD 18 - 19

**AERON 25** XC 20 - 21

**AERON 30** ALL-MOUNTAIN / ENDURO 22 - 23

**AERON 35** URBAN 24 - 25

## **SL** ALLOY SERIES 27

**SL 25** GRAVEL 28 - 29

**SL 27** XC 30 - 31

**SL 30** TRAIL 32 - 33

## **WHEELS** TECHNICAL SPECIFICATIONS 35

# components

**HUBS** **NEW** 43

**SPOKES & NIPPLES** 51 - 53

## **DISTRIBUTORS & CONTACTS**

54 - 55



wheels

# CARBON SERIES

DISTRIBUTORS EXCLUSIVE

**TR21** CARBON - ROAD 08 - 09

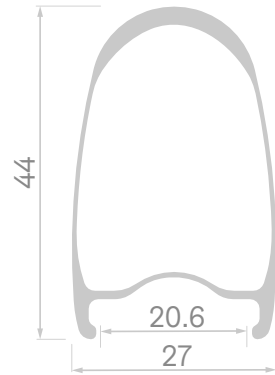
**TR24** CARBON - GRAVEL 10 - 11

**TR26** CARBON - XC 12 - 13

**TR30** CARBON - ALL-MOUNTAIN 14 - 15

# TR21

ROAD Wheel



CLINCHER || TUBELESS READY Compatible

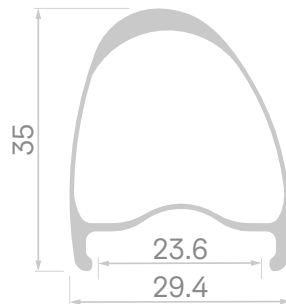
ETRTO	700c - 622x21TC
WEIGHT ±5%(g)*	F 675 R 780 - SET 1455 g*
SPOKE PAT	F 24H 2xCross R 24H 2xCross
HUBTYPE	BLACKJACK R50
HUBS	F R50 12x100 STS R R50 12x142 STS
SPOKES	BJ Black oxidised Triple Butted
NIPPLES	Double Square Black Brass 16 mm
MAX SYSTEM WEIGHT	130 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	Carbon

#Carbon #Clincher #Tubeless Ready #11/12 Speed #Sealed Bearings #Center Lock



# TR24 asy

GRAVEL Wheel



## CLINCHER || TUBELESS READY Compatible

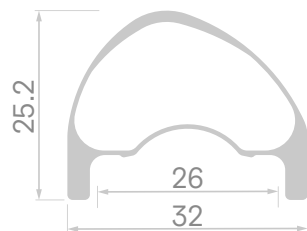
ETRTO	700c - 622x24TC
WEIGHT ±5%(g)*	F 715 R 821 - SET 1536 g*
SPOKE PAT	F 24H 2xCross R 24H 2xCross
HUBTYPE	BLACKJACK R50
HUBS	F R50 12x100 STS R R50 12x142 STS
SPOKES	BJ Black oxidised Triple Butted
NIPPLES	Double Square Black Brass 16 mm
MAX SYSTEM WEIGHT	130 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	Carbon

#Carbon #Clincher #Tubeless Ready #Asymmetric #11/12 Speed #Sealed Bearings #Center Lock




# TR26 asy

XC Wheel



## HOOKLESS II TUBELESS READY Compatible

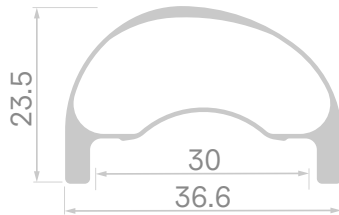
ETRTO	29er - 622x26TSS
WEIGHT ±5%(g)*	F 792 R 914 - SET 1706 g*
SPOKE PAT	F 28H 3xCross R 28H 3xCross
HUBTYPE	BLACKJACK M50
HUBS	F M50 15x110 STS R M50 12x148 STS
SPOKES	BJ Black oxidised Triple Butted
NIPPLES	Double Square Black Brass 16 mm
MAX SYSTEM WEIGHT	110 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	Carbon

#Carbon #Hookless #Tubeless Ready #Asymmetric #11/12 Speed #Sealed Bearings #Center Lock




# TR30<sup>asy</sup>

ALL-MOUNTAIN Wheel



## HOOKLESS II TUBELESS READY Compatible

ETRTO	29er - 622x30TSS
WEIGHT ±5%(g)*	F 826 R 948 - SET 1774 g*
SPOKE PAT	F 28H 3xCross R 28H 3xCross
HUBTYPE	BLACKJACK M50
HUBS	F M50 15x110 STS R M50 12x148 STS
SPOKES	BJ Black oxidised Triple Butted
NIPPLES	Double Square Black Brass 16 mm
MAX SYSTEM WEIGHT	120 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	Carbon

#Carbon #Hookless #Tubeless Ready #Asymmetric #11/12 Speed #Sealed Bearings #Center Lock





*rims & wheels*

# AERON ALLOY SERIES

**AERON 22** ROAD 18 - 19

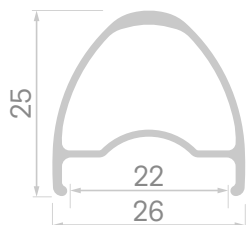
**AERON 25** XC 20 - 21

**AERON 30** ALL-MOUNTAIN / ENDURO 22 - 23

**AERON 35** URBAN 24 - 25

NEW

# AERON22 ROAD Rim & Wheel




## RIM SLEEVED

	<b>700c</b>
ETRTO	622x22TC
HOLES	24H - 28H
FINISHING	Black anodised
ERD without Eyelets	589 mm
ERD with Washers **	590 mm
RIM WEIGHT ±5%(g)*	496 g*

\*\* -D137A WASHERS

## WHEEL

### CLINCHER || TUBELESS READY || E-BIKE Compatible

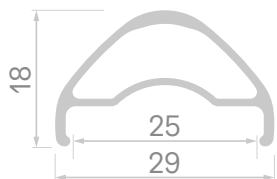
ETRTO	700c - 622x22TC
WEIGHT ±5%(g)*	<b>F 835 R 941 - SET 1776 g*</b>
SPOKE PAT	<b>F 24H 2xCross R 24H 2xCross</b>
HUBTYPE	BLACKJACK R50
HUBS	<b>F R50 12x100 STS R R50 12x142 STS</b>
SPOKES	BJ Black oxidised Double Butted
NIPPLES	Black Brass 14 mm
MAX SYSTEM WEIGHT	130 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	BJ Advanced 6000 Alloy

#Sleeved #Clincher #Tubeless Ready #E-Bike #Symmetric #11/12 Speed #Sealed Bearings #Center Lock

NEW

# AERON25

XC Rim & Wheel



## RIM SLEEVED

	<b>29er</b>
ETRTO	622x25TC
HOLES	28H - 32H
FINISHING	Black anodised
ERD without Eyelets	603 mm
ERD with Washers **	604 mm
RIM WEIGHT ±5%(g)*	465 g*

\*\* -D137A WASHERS

## WHEEL

### CLINCHER || TUBELESS READY || E-BIKE Compatible

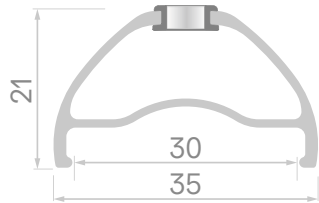
ETRTO	29er - 622x25TC
WEIGHT ±5%(g)*	<b>F</b> 870 <b>R</b> 992 - <b>SET</b> 1862 g*
SPOKE PAT	<b>F</b> 28H 3xCross <b>R</b> 28H 3xCross
HUBTYPE	BLACKJACK M50
HUBS	<b>FM</b> 50 15x110 STS <b>R</b> M50 12x148 STS
SPOKES	BJ Black oxidised Double Butted
NIPPLES	Black Brass 14 mm
MAX SYSTEM WEIGHT	110 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	BJ Advanced 6000 Alloy

#Sleeved #Clincher #Tubeless Ready #E-Bike #Symmetric #11/12 Speed #Sealed Bearings #Center Lock

NEW

# AERON30

ALL-MOUNTAIN / ENDURO Rim & Wheel



## SLEEVED

RIM

	<b>29er</b>	<b>27,5"</b>
ETRTO	622x30TC	584x30TC
HOLES	28H - 32H	28H - 32H
FINISHING	Black anodised w/ black eyelets	Black anodised w/ black eyelets
EYELETS	Single eyelets	Single eyelets
ERD without Eyelets	597 mm	560 mm
RIM WEIGHT ±5%(g)*	630 g*	590 g*

WHEEL

## CLINCHER || TUBELESS READY || E-BIKE Compatible

ETRTO	29er - 622x30TC    27,5" - 584x30TC
WEIGHT ±5%(g)* - 29er	<b>F 1042 R 1221 - SET 2262 g*</b>
WEIGHT ±5%(g)* - 27,5"	<b>F 991 R 1167 - SET 2158 g*</b>
SPOKE PAT	<b>F 28H 3xCross R 28H 3xCross</b>
HUB TYPE	BLACKJACK H50
HUBS	<b>F H50 15x110 STS R H50 12x148 STS</b>
SPOKES	BJ Black oxidised Single Butted
NIPPLES	Black Brass 14 mm
MAX SYSTEM WEIGHT	150 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	BJ Advanced 6000 Alloy

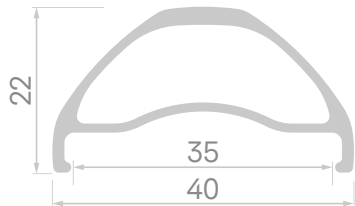


#Sleeved #Clincher #Tubeless Ready #E-Bike #Symmetric #11/12 Speed #Sealed Bearings #Center Lock

NEW

# AERON35

URBAN Rim & Wheel




## SLEEVED

RIM

	28"	27,5"
ETRTO	622x35TC	584x35TC
HOLES	28H - 32H	28H - 32H
FINISHING	Black anodised	Black anodised
ERD without Eyelets	596 mm	558 mm
RIM WEIGHT +5%(g)*	773 g*	724 g*

WHEEL

## CLINCHER || TUBELESS READY || E-BIKE Compatible

ETRTO	28" - 622x35TC    27,5" - 584x35TC
WEIGHT +5%(g)* - 28"	F 1223 R 1398 - SET 2621 g*
WEIGHT +5%(g)* - 27,5"	F 1163 R 1316 - SET 2479 g*
SPOKE PAT	F 28H 3xCross R 28H 3xCross
HUB TYPE	BLACKJACK H50
HUBS	F H50 15x110 STS R H50 12x148 STS
SPOKES	BJ Black oxidised Single Butted
NIPPLES	Black Brass 14 mm
MAX SYSTEM WEIGHT	180 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 17T
RIM MATERIAL	BJ Advanced 6000 Alloy





*rims & wheels*

## SL ALLOY SERIES

**SL 25** GRAVEL

28 - 29

**SL 27** XC

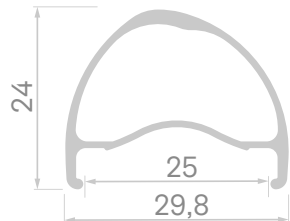
30 - 31

**SL 30** TRAIL

32 - 33

# SL 25 asy

GRAVEL Rim & Wheel



## RIM SLEEVED


RIM

	700c	650b
ETRTO	622x25TC	584x25TC
HOLES	24H	24H
ASY OFFSET	2,5 mm	2,5 mm
FINISHING	Black anodised	Black anodised
ERD without Eyelets	593 mm	558 mm
ERD with Washers **	535 mm	535 mm
RIM WEIGHT ±5%(g)*	521 g*	488 g*

\*\* -D137A WASHERS RECOMMENDED

WHEEL

## CLINCHER || TUBELESS READY Compatible

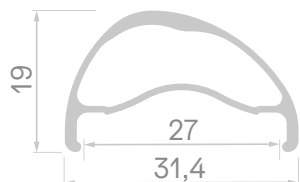
ETRTO	700c - 622x25TC
WEIGHT ±5%(g)*	F 858 R 964 - SET 1822 g*
SPOKE PAT	F 24H 2xCross R 24H 2xCross
HUB TYPE	BLACKJACK R50
HUBS	F R50 12x100 STS R R50 12x142 STS
SPOKES	BJ Black oxidised Double Butted
NIPPLES	Black Brass 14 mm
MAX SYSTEM WEIGHT	130 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	BJ Advanced 6000 Alloy



#Sleeved #Asymmetric #Clincher #Tubeless Ready #11/12 Speed #Sealed Bearings #Center Lock

# SL 27 asy

XC Rim & Wheel



## RIM


### SLEEVED

	29er	27,5"
ETRTO	622x27TC	584x27TC
HOLES	28H - 32H	28H - 32H
ASY OFFSET	4 mm	4 mm
FINISHING	Black anodised	Black anodised
ERD without Eyelets	602 mm	602 mm
ERD with Washers**	564 mm	564 mm
RIM WEIGHT ±5%(g)*	501 g*	469 g*

\*\* -D137A WASHERS RECOMMENDED

## WHEEL

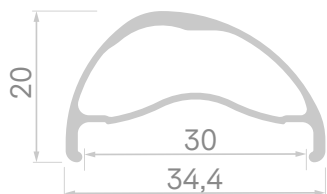
### CLINCHER || TUBELESS READY Compatible

ETRTO	29er - 622x27TC    27,5" - 584x27TC
WEIGHT ±5%(g)* - 29er	F 912 R 1034 - SET 1946 g*
WEIGHT ±5%(g)* - 27,5"	F 866 R 988 - SET 1854 g*
SPOKE PAT	F 28H 3xCross R 28H 3xCross
HUB TYPE	BLACKJACK M50
HUBS	F M50 15x110 STS R M50 12x148 STS
SPOKES	BJ Black oxidised Double Butted
NIPPLES	Black Brass 14 mm
MAX SYSTEM WEIGHT	130 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	BJ Advanced 6000 Alloy

#Sleeved #Asymmetric #Clincher #Tubeless Ready #11/12 Speed #Sealed Bearings #Center Lock

# SL 30<sup>asy</sup>

TRAIL Rim & Wheel



## RIM SLEEVED


RIM

	29er	27,5"
ETRTO	622x30TC	584x30TC
HOLES	28H - 32H	28H - 32H
ASY OFFSET	4,5 mm	4,5 mm
FINISHING	Black anodised	Black anodised
ERD without Eyelets	600 mm	600 mm
ERD with Washers **	562 mm	562 mm
RIM WEIGHT ±5%(g)*	534 g*	499 g*

\*\* -D137A WASHERS RECOMMENDED

WHEEL

## CLINCHER || TUBELESS READY Compatible

ETRTO	29er - 622x30TC    27,5" - 584x30TC
WEIGHT ±5%(g)* - 29er	F 944 R 1066 - SET 2010 g*
WEIGHT ±5%(g)* - 27,5"	F 896 R 1018 - SET 1914 g*
SPOKE PAT	F 28H 3xCross R 28H 3xCross
HUBTYPE	BLACKJACK M50
HUBS	F M50 15x110 STS R M50 12x148 STS
SPOKES	BJ Black oxidised Double Butted
NIPPLES	Black Brass 14 mm
MAX SYSTEM WEIGHT	120 kg
ASTM Classification (intended use)	
BEARINGS	ENDURO Sealed Bearings
ENGAGEMENT SYSTEM	Ratchet System 35T
RIM MATERIAL	BJ Advanced 6000 Alloy



#Sleeved #Asymmetric #Clincher #Tubeless Ready #11/12 Speed #Sealed Bearings #Center Lock

# wheels

*specifications*



## CARBON SERIES ROAD, GRAVEL & MTB WHEELS

WHEEL	ETRTO	SPOKE FITTING	SPOKES	NIPPLES	RIM FINISHING	HUB/SPEC	WEIGHT (±5%)	MAX SYSTEM WEIGHT	ASTM	TYRE COMPATIBILITY (mm)
TR 21 ASY 700c	622x21TC	F - 24H 2xCross R - 24H 2xCross	BJ Black oxidised Triple Butted	DNS Black brass 16 mm	Carbon	F - R50 TA 12x100 STS R - R50 TA 12x142 STS	F - 675 g R - 780 g	130 kg	2	25 - 45
TR 24 ASY 700c	622x24TC	F - 24H 2xCross R - 24H 2xCross	BJ Black oxidised Triple Butted	DNS Black brass 16 mm	Carbon	F - R50 TA 12x100 STS R - R50 TA 12x142 STS	F - 715 g R - 821 g	130 kg	2	30 - 56
TR 26 ASY 29er	622x26TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Triple Butted	DNS Black brass 16 mm	Carbon	F - M50 TA 15x110 STS R - M50 TA 12x148 STS	F - 792 g R - 914 g	110 kg	3	38 - 64
TR 30 ASY 29er	622x30TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Triple Butted	DNS Black brass 16 mm	Carbon	F - M50 TA 15x110 STS R - M50 TA 12x148 STS	F - 826 g R - 948 g	120 kg	4	50 - 69

## AERON SERIES ROAD, GRAVEL & MTB WHEELS

WHEEL	ETRTO	SPOKE FITTING	SPOKES	NIPPLES	RIM FINISHING	HUB/SPEC	WEIGHT (±5%)	MAX SYSTEM WEIGHT	ASTM	TYRE COMPATIBILITY (mm)
AERON 22 700c	622x22TC	F - 24H 2xCross R - 24H 2xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - R50 TA 12x100 STS R - R50 TA 12x142 STS	F - 835 g R - 941 g	130 kg	2	26 - 56
	622x22TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - R50 TA 12x100 JB R - R50 TA 12x142 JB	F - 837 g R - 953 g	130 kg	2	26 - 56
AERON 25 29er	622x25TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 STS R - M50 TA 12x148 STS	F - 870 g R - 992 g	110 kg	3	32 - 60
	622x25TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 JB R - M50 TA 12x148 JB	F - 860 g R - 981 g	110 kg	3	32 - 60
AERON 25 27,5"	584x25TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 15x110 STS R - M50 12x148 STS	F - 829 g R - 951 g	110 kg	3	32 - 60
	584x25TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 15x110 JB R - M50 12x148 JB	F - 819 g R - 940 g	110 kg	3	32 - 60
AERON 30 29er	622x30TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Single Butted	Black brass 14 mm	Black anodised	F - H50 15x110 STS R - H50 12x148 STS	F - 1042 g R - 1221 g	150 kg	4	50 - 69
	622x30TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Single Butted	Black brass 14 mm	Black anodised	F - H50 15x110 JB R - H50 12x148 JB	F - 1047 g R - 1203 g	150 kg	4	50 - 69
AERON 30 27,5"	584x30TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Single Butted	Black brass 14 mm	Black anodised	F - H50 15x110 STS R - H50 12x148 STS	F - 991 g R - 1167 g	150 kg	4	50 - 69
	584x30TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Single Butted	Black brass 14 mm	Black anodised	F - H50 15x110 JB R - H50 12x148 JB	F - 996 g R - 1149 g	150 kg	4	50 - 69

## AERON SERIES ROAD, GRAVEL & MTB WHEELS (cont.)

WHEEL	ETRTO	SPOKE FITTING	SPOKES	NIPPLES	RIM FINISHING	HUB/SPEC	WEIGHT (±5%)	MAX SYSTEM WEIGHT	ASTM	TYRE COMPATIBILITY (mm)
AERON 35 28"	622x35TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Single Butted	Black brass 14 mm	Black anodised	F - H50 15x110 STS R - H50 12x148 STS	F - 1223 g R - 1398 g	180 kg	2	64 - 75
	622x35TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Single Butted	Black brass 14 mm	Black anodised	F - H50 15x110 JB R - H50 12x148 JB	F - 1228 g R - 1380 g	180 kg	2	64 - 75
AERON 35 27,5"	584x35TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Single Butted	Black brass 14 mm	Black anodised	F - H50 15x110 STS R - H50 12x148 STS	F - 1163 g R - 1316 g	180 kg	2	64 - 75
	584x35TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Single Butted	Black brass 14 mm	Black anodised	F - H50 15x110 JB R - H50 12x148 JB	F - 1168 g R - 1298 g	180 kg	2	64 - 75

## SL SERIES ROAD, GRAVEL & MTB WHEELS

SL 25 700C	622x25TC	F - 24H 2xCross R - 24H 2xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - R50 TA 12x100 STS R - R50 TA 12x142 STS	F - 858 g R - 964 g	130 kg	2	32 - 60
	622x25TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - R50 TA 12x100 JB R - R50 TA 12x142 JB	F - 860 g R - 976 g	130 kg	2	32 - 60
SL 25 650b	584x25TC	F - 24H 2xCross R - 24H 2xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - R50 TA 12x100 STS R - R50 TA 12x142 STS	F - 813 g R - 917 g	130 kg	2	32 - 60
	584x25TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - R50 TA 12x100 JB R - R50 TA 12x142 JB	F - 815 g R - 929 g	130 kg	2	32 - 60
SL 27 29er	622x27TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 STS R - M50 TA 12x148 STS	F - 912 g R - 1034 g	130 kg	3	38 - 69
	622x27TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 JB R - M50 TA 12x148 JB	F - 902 g R - 1023 g	130 kg	3	38 - 69
SL 27 27,5"	584x27TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 STS R - M50 TA 12x148 STS	F - 866 g R - 988 g	130 kg	3	38 - 69
	584x27TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 JB R - M50 TA 12x148 JB	F - 856 g R - 977 g	130 kg	3	38 - 69
SL 30 29er	622x30TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 STS R - M50 TA 12x148 STS	F - 944 g R - 1066 g	120 kg	4	50 - 69
	622x30TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 JB R - M50 TA 12x148 JB	F - 934 g R - 1055 g	120 kg	4	50 - 69
SL 30 27,5"	584x30TC	F - 28H 3xCross R - 28H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 STS R - M50 TA 12x148 STS	F - 896 g R - 1018 g	120 kg	4	50 - 69
	584x30TC	F - 32H 3xCross R - 32H 3xCross	BJ Black oxidised Double Butted	Black brass 14 mm	Black anodised	F - M50 TA 15x110 JB R - M50 TA 12x148 JB	F - 886 g R - 1007 g	120 kg	4	50 - 69

A close-up, black and white photograph of a bicycle's rear hub and spokes. The hub is the central focus, with the brand name 'M-TII' printed vertically on its side. The spokes radiate outwards, creating a complex geometric pattern. The background is blurred, showing the rest of the bicycle frame and a red arrow pointing left on a black surface in the upper left corner.

*components*



# hubs

## HUBS / ROAD

<b>R50</b> STRAIGHT PULL FRONT	66
<b>R50</b> STRAIGHT PULL REAR	66
<b>R50</b> J-BEND FRONT	67
<b>R50</b> J-BEND REAR	67

## HUBS / MTB

<b>M50</b> STRAIGHT PULL FRONT	68
<b>M50</b> STRAIGHT PULL REAR	68
<b>M50</b> J-BEND FRONT	69
<b>M50</b> J-BEND REAR	69

## HUBS / HEAVY DUTY

<b>H50</b> STRAIGHT PULL FRONT	70
<b>H50</b> STRAIGHT PULL REAR	70
<b>H50</b> J-BEND FRONT	71
<b>H50</b> J-BEND REAR	71

# R50

ROAD Hub



STRAIGHT PULL REAR HUB

<b>FIELD OF APPLICATION</b>	ROAD/GRAVEL/CX
<b>NET WEIGHT</b>	235 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	Straight Pull
<b>BRAKE INTERFACE</b>	Disc Center Lock
<b>FREEHUB BODY (Aluminium)</b>	SRAM XD-XDR / Shimano HG11/12 / Shimano MS
<b>ENGAGEMENT SYSTEM</b>	Ratchet System 35T
<b>AXLE SYSTEM</b>	12 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	142 mm
<b>HOLES</b>	24H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

STRAIGHT PULL FRONT HUB

<b>FIELD OF APPLICATION</b>	ROAD/GRAVEL/CX
<b>NET WEIGHT</b>	131 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	Straight Pull
<b>BRAKE INTERFACE</b>	Disc Center Lock
<b>FREEHUB BODY</b>	N/A
<b>ENGAGEMENT SYSTEM</b>	N/A
<b>AXLE SYSTEM</b>	12 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	100 mm
<b>HOLES</b>	24H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

# R50

ROAD Hub



J-BEND REAR HUB

<b>FIELD OF APPLICATION</b>	ROAD/GRAVEL/CX
<b>NET WEIGHT</b>	247 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	J-Bend
<b>BRAKE INTERFACE</b>	Disc Center Lock
<b>FREEHUB BODY (Aluminium)</b>	SRAM XD-XDR / Shimano HG11/12 / Shimano MS
<b>ENGAGEMENT SYSTEM</b>	Ratchet System 35T
<b>AXLE SYSTEM</b>	12 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	142 mm
<b>HOLES</b>	24H - 28H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

J-BEND FRONT HUB

<b>FIELD OF APPLICATION</b>	ROAD/GRAVEL/CX
<b>NET WEIGHT</b>	133 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	J-Bend
<b>BRAKE INTERFACE</b>	Disc Center Lock
<b>FREEHUB BODY</b>	N/A
<b>ENGAGEMENT SYSTEM</b>	N/A
<b>AXLE SYSTEM</b>	12 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	100 mm
<b>HOLES</b>	24H - 28H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

# M50

## MTB Hub



STRAIGHT PULL REAR HUB

<b>FIELD OF APPLICATION</b>	MOUNTAIN
<b>NET WEIGHT</b>	276 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	Straight Pull
<b>BRAKE INTERFACE</b>	Disc Center Lock / IS 6-Bolt
<b>FREEHUB BODY (Aluminium / Steel)</b>	SRAM XD / Shimano HG11/12 / Shimano MS
<b>ENGAGEMENT SYSTEM</b>	Ratchet System 35T
<b>AXLE SYSTEM</b>	12 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	148 mm
<b>HOLES</b>	28H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

STRAIGHT PULL FRONT HUB

<b>FIELD OF APPLICATION</b>	MOUNTAIN
<b>NET WEIGHT</b>	154 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	Straight Pull
<b>BRAKE INTERFACE</b>	Disc Center Lock / IS 6-Bolt
<b>FREEHUB BODY</b>	N/A
<b>ENGAGEMENT SYSTEM</b>	N/A
<b>AXLE SYSTEM</b>	15 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	110 mm
<b>HOLES</b>	28H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

# M50

## MTB Hub



J-BEND REAR HUB

<b>FIELD OF APPLICATION</b>	MOUNTAIN
<b>NET WEIGHT</b>	265 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	J-Bend
<b>BRAKE INTERFACE</b>	Disc Center Lock / IS 6-Bolt
<b>FREEHUB BODY (Aluminium / Steel)</b>	SRAM XD / Shimano HG11/12 / Shimano MS
<b>ENGAGEMENT SYSTEM</b>	Ratchet System 35T
<b>AXLE SYSTEM</b>	12 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	148 mm
<b>HOLES</b>	28H - 32H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

J-BEND FRONT HUB

<b>FIELD OF APPLICATION</b>	MOUNTAIN
<b>NET WEIGHT</b>	144 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	J-Bend
<b>BRAKE INTERFACE</b>	Disc Center Lock / IS 6-Bolt
<b>FREEHUB BODY</b>	N/A
<b>ENGAGEMENT SYSTEM</b>	N/A
<b>AXLE SYSTEM</b>	15 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	110 mm
<b>HOLES</b>	28H - 32H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

# H50

## HEAVY DUTY Hub



### STRAIGHT PULL REAR HUB

<b>FIELD OF APPLICATION</b>	eMTB/Utility
<b>NET WEIGHT</b>	340 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	Straight Pull
<b>BRAKE INTERFACE</b>	Disc Center Lock / IS 6-Bolt
<b>FREEHUB BODY (Steel)</b>	SRAM XD / Shimano HG11/12 / Shimano MS
<b>ENGAGEMENT SYSTEM</b>	Ratchet System 17T
<b>AXLE SYSTEM</b>	12 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	148 mm
<b>HOLES</b>	28H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

### STRAIGHT PULL FRONT HUB

<b>FIELD OF APPLICATION</b>	eMTB/Utility
<b>NET WEIGHT</b>	164 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	Straight Pull
<b>BRAKE INTERFACE</b>	Disc Center Lock / IS 6-Bolt
<b>FREEHUB BODY</b>	N/A
<b>ENGAGEMENT SYSTEM</b>	N/A
<b>AXLE SYSTEM</b>	15 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	110 mm
<b>HOLES</b>	28H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

# H50

## HEAVY DUTY Hub



### J-BEND REAR HUB

<b>FIELD OF APPLICATION</b>	eMTB/Utility
<b>NET WEIGHT</b>	322 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	J-Bend
<b>BRAKE INTERFACE</b>	Disc Center Lock / IS 6-Bolt
<b>FREEHUB BODY (Steel)</b>	SRAM XD / Shimano HG11/12 / Shimano MS
<b>ENGAGEMENT SYSTEM</b>	Ratchet System 17T
<b>AXLE SYSTEM</b>	12 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	148 mm
<b>HOLES</b>	32H - 36H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

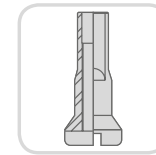
### J-BEND FRONT HUB

<b>FIELD OF APPLICATION</b>	eMTB/Utility
<b>NET WEIGHT</b>	169 g
<b>HUB MATERIAL</b>	EN AW-6082
<b>SPOKE/HUB TYPE</b>	J-Bend
<b>BRAKE INTERFACE</b>	Disc Center Lock / IS 6-Bolt
<b>FREEHUB BODY</b>	N/A
<b>ENGAGEMENT SYSTEM</b>	N/A
<b>AXLE SYSTEM</b>	15 mm Thru Axle
<b>AXLE MATERIAL</b>	EN AW-7075
<b>O.L.D.</b>	110 mm
<b>HOLES</b>	32H - 36H
<b>BEARINGS</b>	ENDURO Sealed Bearings
<b>COLOR/FINISH</b>	Black anodised

# nipples

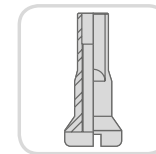
## STANDARD 14G

FINISHING	NICKEL
THREAD	FG 2.3
MATERIAL	Brass
LENGTH	14 mm
WEIGHT	1,05 g



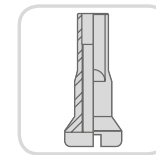
## STANDARD 14G

FINISHING	BLACK
THREAD	FG 2.3
MATERIAL	Brass
LENGTH	14 mm
WEIGHT	1,05 g



## REDUCTION 14 / 13G

FINISHING	NICKEL
THREAD	FG 2.6
MATERIAL	Brass
LENGTH	14 mm
WEIGHT	0,95 g



spokes

## STRAIGHT GAUGE

FINISH Black Painted | St. Steel Silver | Black Oxidised

WEIGHT 7,1 g (L=280mm)

Ø D1 Ø 2,0 mm

Ø D2 Ø 2,0 mm

Ø D3 Ø 2,0 mm

G 9,5 mm

A 95°

H 6,2 mm

L 120 mm - 315 mm

FINISH St. Steel Silver | Black Oxidised

WEIGHT 9,3 g (L=280mm)

Ø D1 Ø 2,3 mm

Ø D2 Ø 2,3 mm

Ø D3 Ø 2,3 mm

G 10 mm

A 95°

H 7,2 mm

L 120 mm - 315 mm

## SINGLE BUTTED

FINISH Black Painted | St. Steel Silver | Black Oxidised

WEIGHT 7,3 g (L=280mm)

Ø D1 Ø 2,3 mm

Ø D2 Ø 2,0 mm

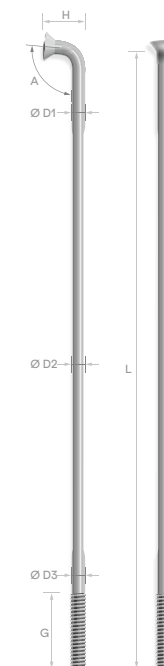
Ø D3 Ø 2,0 mm

G 9,5 mm

A 95°

H 7,2 mm

L 120 mm - 315 mm



## DOUBLE BUTTED

FINISH Black Painted | St. Steel Silver | Black Oxidised

WEIGHT 6,1 g (L=280mm)

Ø D1 Ø 2,0 mm

Ø D2 Ø 1,8 mm

Ø D3 Ø 2,0 mm

G 9,5 mm

A 95°

H 6,2 mm

L 120 mm - 315 mm

FINISH St. Steel Silver | Black Oxidised

WEIGHT 7,5 g (L=280mm)

Ø D1 Ø 2,3 mm

Ø D2 Ø 2,0 mm

Ø D3 Ø 2,3 mm

G 10 mm

A 95°

H 7,2 mm

L 120 mm - 315 mm

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