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ety OEM/ODM
ETERNITY

Leading manufacturer in Welding alloy rim

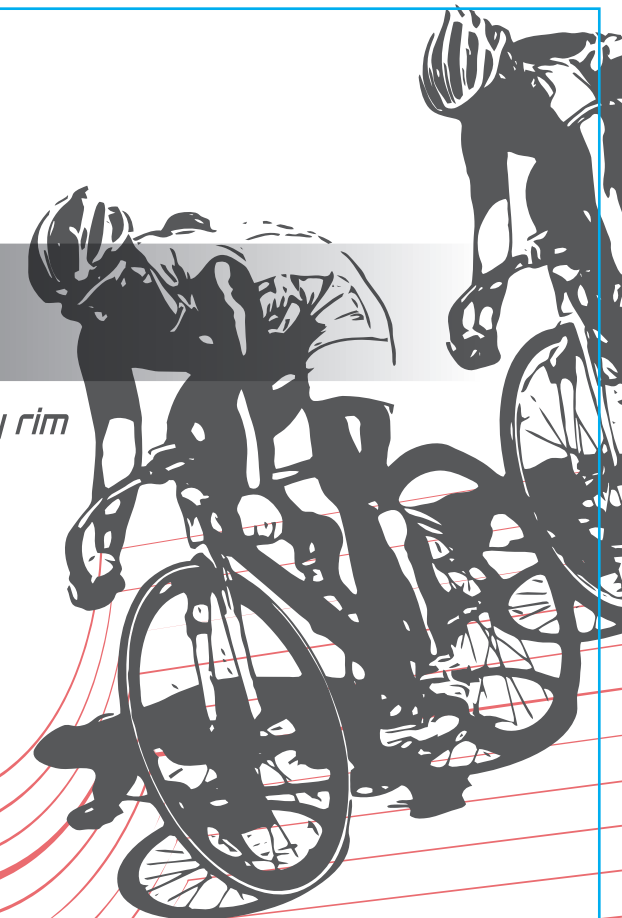
Electric
Bike

Road
Bike

Mountain
Bike



Made in Taiwan



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ABOUT ETERNITY

Established in April 2013, Eternity is a rim manufacturing company located in Taichung, Taiwan. Aiming to create a niche market for our products, we manufacture rims particularly by welding with composite material of AL-6066 and AL6069. With high involvement of our team in design, development and manufacturing, we are committing to providing quality and delivery which meet customers' expectation.



1 Finish

1. Sandblasted finish
2. Polished finish



2 Logo on the rim

1. Laser Engraving
2. Water Transferring Decal
3. Sticker



Asymmetric Design :

1. To reinforce the axial strength
2. To make spoke angle more even



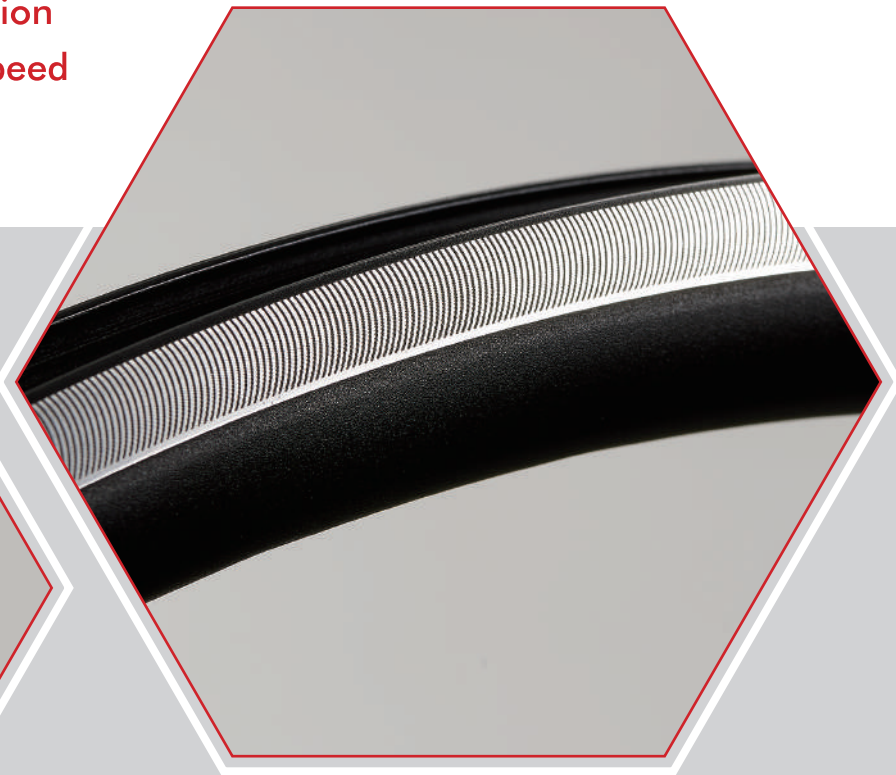
PROCESS INTRODUCTION

Ceramic &

Milling Engineering &

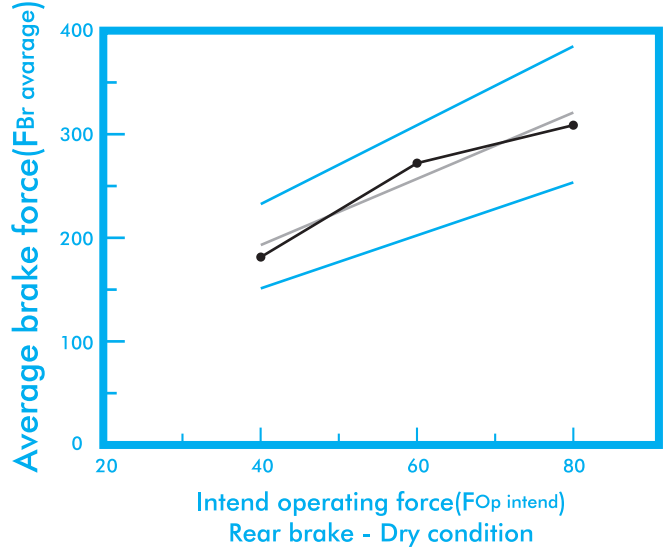
By milling engineering to
achive rim's weight reduction
and enhance the riding speed

Linear Brake Track



Advantages of Linear brake track

- 1.Enhancement of brake force 20% in average
- 2.Reinforcement of brake performance
- 3.Superior heat dissipation
- 4.Reduce of mud adhesion



Comparison of Braking Test

Braking operate-force

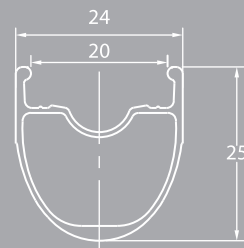
Braking operate-force (FOp/FOp intend)		40	60	80	100	120	140
Rear	F ^D _{Br average}	159.7	221.3	262.5	299.1	328.5	---
	F ^W _{Br average}	124.5	183.2	217.7	---	---	---

Linear brake track

Braking operate-force (FOp/FOp intend)		40	60	80	100	120	140	160	180
Rear	F ^D _{Br average}	184	274	310	---	---	---	---	---
	F ^W _{Br average}	90	160	194	---	---	---	---	---
F ^W _{Br average} : F ^W _{Br average}		NA	0.58	0.62	NA	NA	NA	NA	NA

*Enhancement of brake force 20% in average

CHC Testing report 2020June

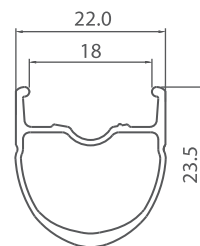


NEW

Tubeless Ready
Compatible

ETY_ R0015

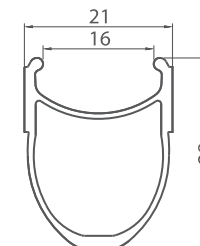
Joint	Welded
Brake	Rim Brake
Diameter	700C
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	450g
ETRTO	622mm
ERD	591.5mm
Material	AL-6066



Tubeless Ready
Compatible

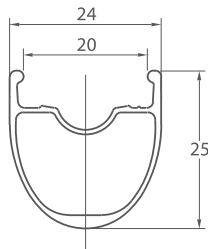
ETY_ R0001

Joint	Welded
Brake	Rim Brake
Diameter	700C
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	435g
ETRTO	622mm
ERD	593mm
Material	AL-6066



ETY_ R0005

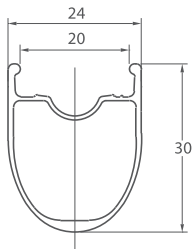
Joint	Welded
Brake	Rim Brake
Diameter	700C
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	470g
ETRTO	622mm
ERD	586mm
Material	AL-6066



Tubeless Ready
Compatible

ETY R0007

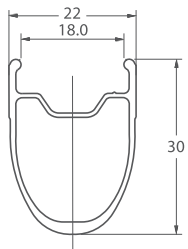
Joint	Welded
Brake	Disc Brake
Diameter	700C
Spoke	24H/28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	445g
ETRTO	622mm
ERD	591.5mm
Material	AL-6066



Tubeless Ready
Compatible

ETY R0008

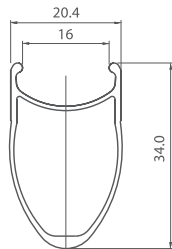
Joint	Welded
Brake	Disc Brake
Diameter	700C
Spoke	24H/28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	495g
ETRTO	622mm
ERD	582mm
Material	AL-6066



Tubeless Ready
Compatible

ETY R0010

Joint	Welded
Brake	Rim Brake
Diameter	700C
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	480g
ETRTO	622mm
ERD	582mm
Material	AL-6066



ETY R0011

Joint	Welded
Brake	Rim Brake
Diameter	700C
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	500g
ETRTO	622mm
ERD	573mm
Material	AL-6066



Asymmetric design
Tubeless Ready Compatible

ETY R0012

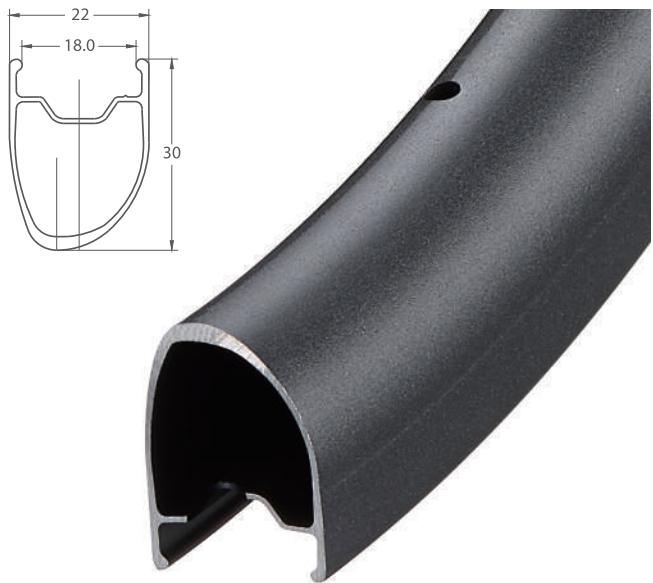
Joint	Welded
Brake	Rim Brake
Diameter	700C
Spoke	24H/28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	455g
ETRTO	622mm
ERD	593mm
Material	AL-6066



Asymmetric design
Tubeless Ready Compatible

ETY R0013

Joint	Welded
Brake	Rim Brake
Diameter	700C
Spoke	24H/28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	490g
ETRTO	622mm
ERD	582mm
Material	AL-6066



Asymmetric design
Tubeless Ready Compatible

ETY R0014

Joint	Welded
Brake	Disc Brake
Diameter	700C
Spoke	24H/28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	485g
ETRTO	622mm
ERD	582mm
Material	AL-6066



Tubeless Ready
Compatible

ETY R0016

Joint	Welded
Brake	Rim Brake
Diameter	700C
Spoke	24H/28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	520g
ETRTO	622mm
ERD	582mm
Material	AL-6066

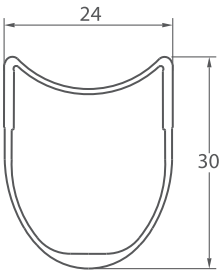
FOR TUBULAR

Available in both Rim Brake & Disc Brake



ETY TRO001

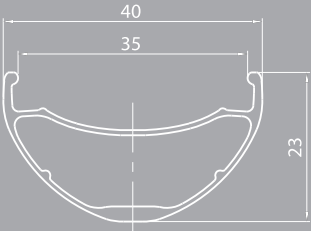
Joint	Welded
Brake	Available in both Rim Brake & Disc Brake
Diameter	700C
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	490g~500g
ETRTO	622mm
ERD	580.7mm
Material	AL-6066



Disc Brake



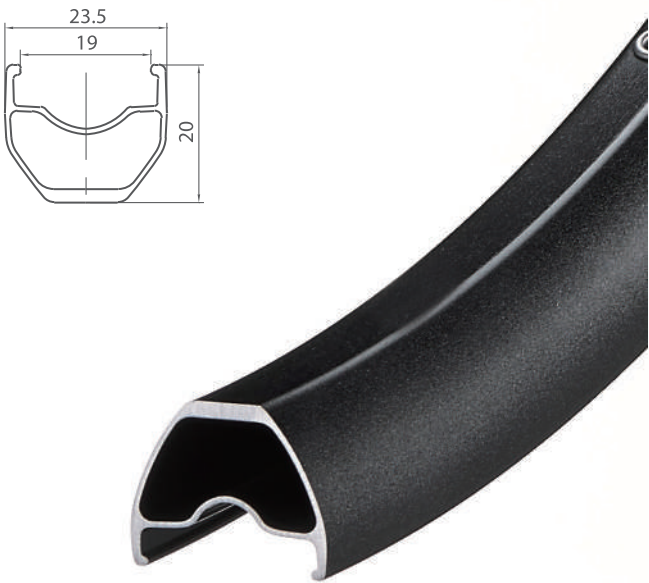
CLIMBER MOUNTAIN BIKE



Tubeless Ready Compatible

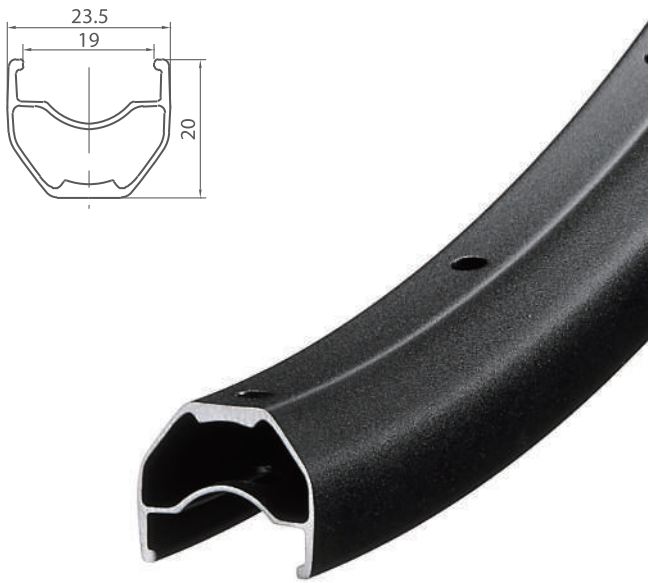
ETY MO009

Joint	Welded
Brake	Disc Brake
Diameter	650B/29er
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	540g (650B) / 575g (29er)
ETRTO	584.1mm
ERD	554.5mm
Material	AL-6066



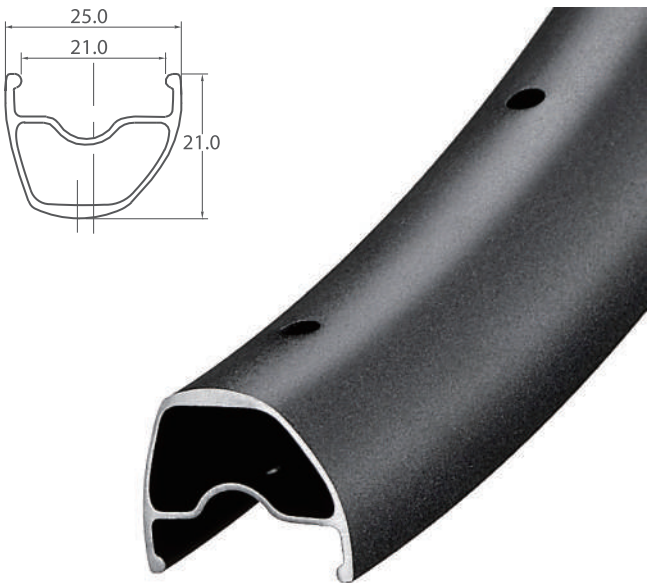
ETX M0001

Joint	Welded
Brake	Disc Brake
Diameter	26"/650B
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	370g(26") / 385g(650B)
ETRTO	559mm(26") / 584.1mm(650B)
ERD	539.5mm(26") / 564.2mm (650B)
Material	AL-6066



ETX M0002

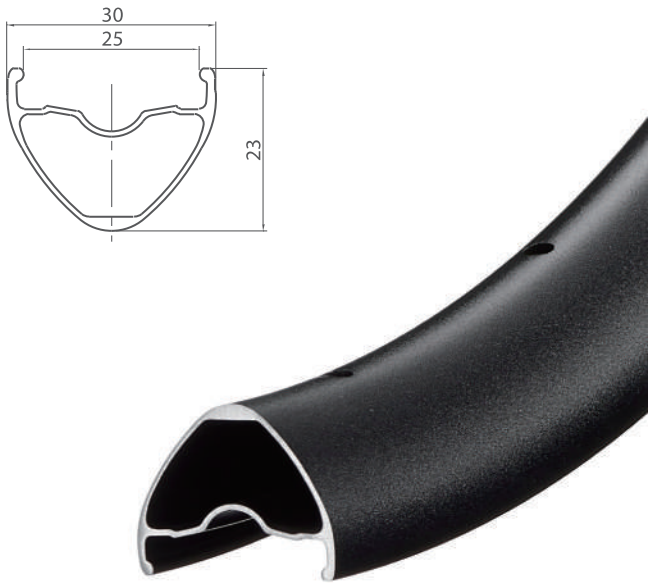
Joint	Welded
Brake	Disc Brake
Diameter	26"/650B
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	370g(26") / 385g(650B)
ETRTO	559mm(26") / 584.1mm(650B)
ERD	564.2mm(26") / 562.2mm(650B)
Material	AL-6066



Asymmetric design

ETX M0004

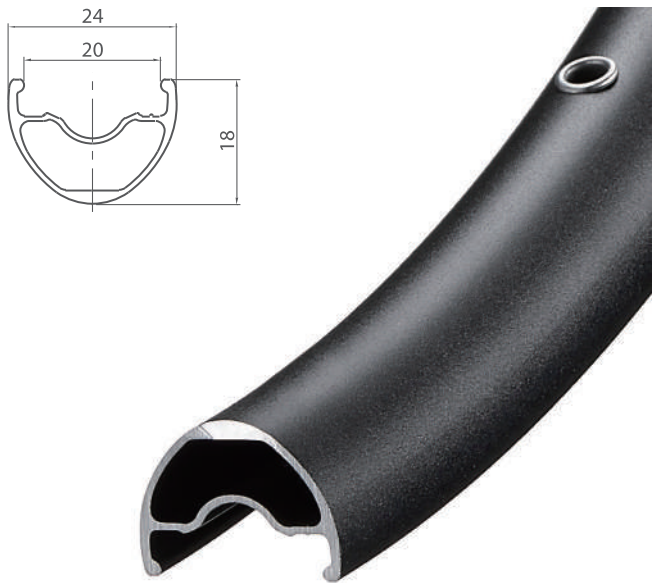
Joint	Welded
Brake	Disc Brake
Diameter	650B
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	415g
ETRTO	584.1mm
ERD	562.2mm
Material	AL-6066



Tubeless Ready
Compatible

ETX M0005

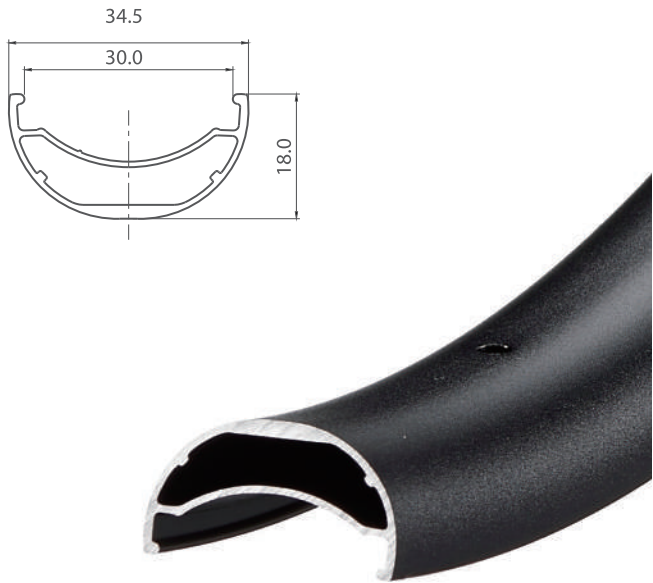
Joint	Welded
Brake	Disc Brake
Diameter	650B / 29er
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	420g(650B) / 440g(29er)
ETRTO	584.1mm(650B) / 622mm(29er)
ERD	556.9mm(650B) / 594.3mm(29er)
Material	AL-6066



Tubeless Ready
Compatible

ETX M0006

Joint	Welded
Brake	Disc Brake
Diameter	650B / 29er
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	375g(650B) / 400g(29er)
ETRTO	584.1mm(650B) / 622mm(29er)
ERD	566.3mm(650B) / 603.7mm(29er)
Material	AL-6066



Tubeless Ready
Compatible

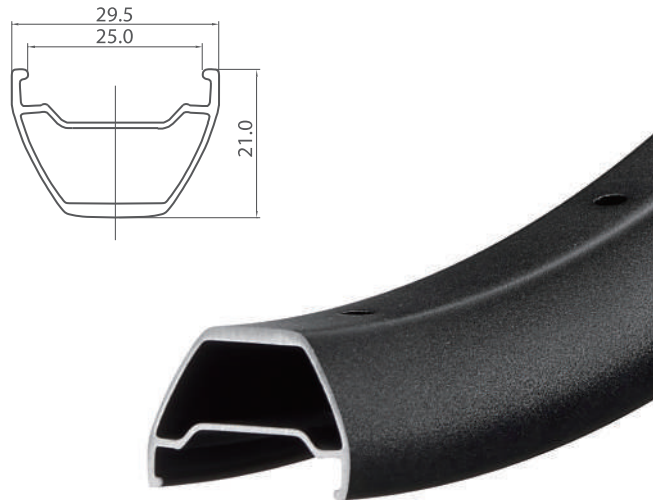
ETX M0007

Joint	Welded
Brake	Disc Brake
Diameter	650B / 29er
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	465g(650B) / 495g(29er)
ETRTO	584.1mm(650B) / 622mm(29er)
ERD	566.5mm(650B) / 604mm(29er)
Material	AL-6069



ETX M0008

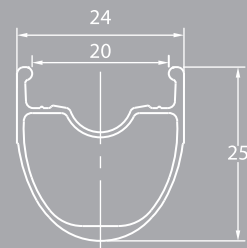
Joint	Welded
Brake	Disc Brake
Diameter	26" / 650B
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	580g(26") / 600g(650B)
ETRTO	559mm(26") / 584.1mm(650B)
ERD	541.7mm (26") / 566.5mm(650B)
Material	AL-6066



Tubeless Ready
Compatible

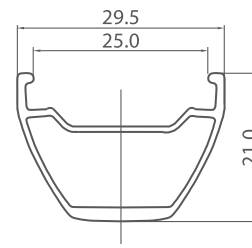
ETX D0001

Joint	Welded
Brake	Disc Brake
Diameter	26" / 650B / 29er
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	450g(26") / 470g(650B) / 500g(29er)
ETRTO	559mm(26") / 584.1mm(650B) / 622mm(29er)
ERD	535.5mm(26") / 556.9mm(650B) / 594.3mm(29er)
Material	AL-6066



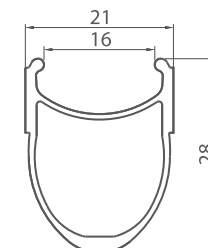
ETY ³⁴⁹ R0015

Joint	Welded
Brake	Rim Brake
Diameter	349
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	260g
ETRTO	349mm
ERD	317mm
Material	AL-6066



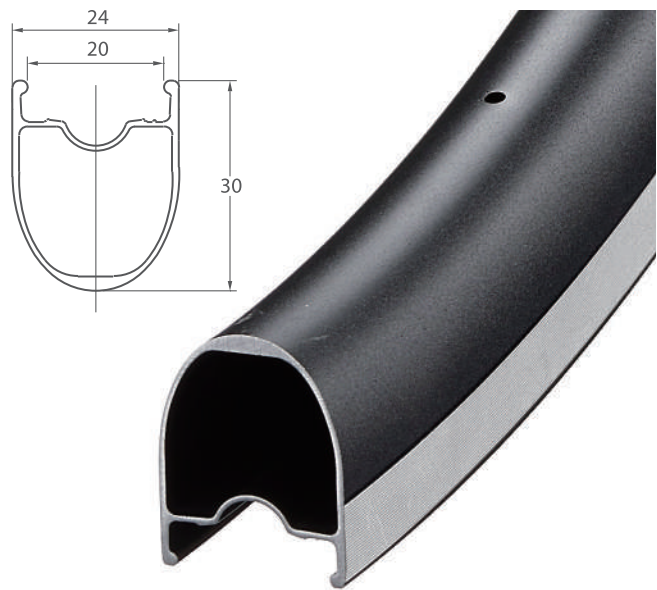
ETY ⁴⁰⁶ D0001

Joint	Welded
Brake	Disc Brake
Diameter	20"(406)
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	355g
ETRTO	406mm
ERD	382.4mm
Material	AL-6066



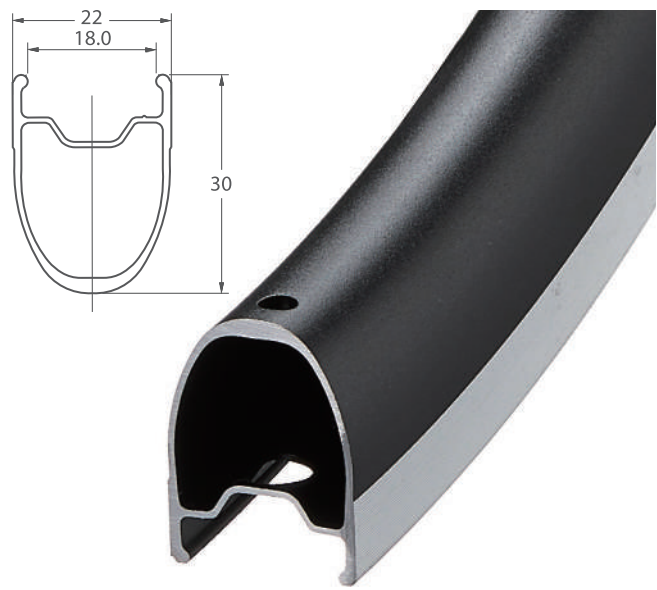
ETY ³⁴⁹ R0005

Joint	Welded
Brake	Rim Brake
Diameter	349
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	258g
ETRTO	349mm
ERD	312.2mm
Material	AL-6066



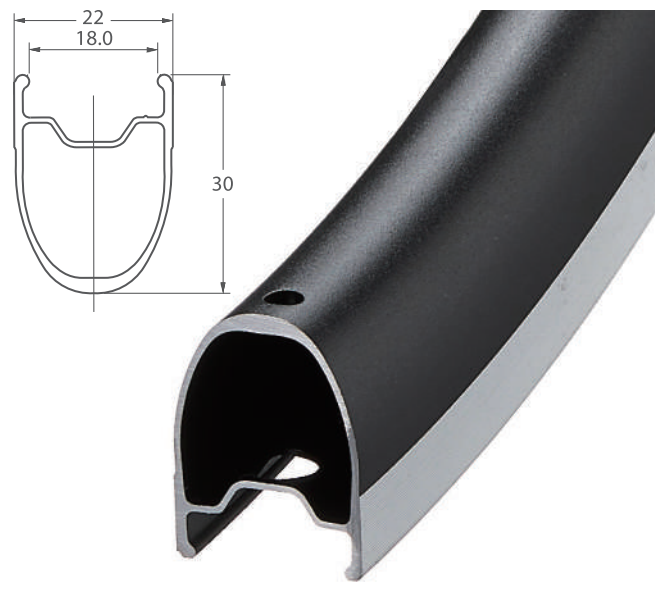
349
ETY_R0016

Joint	Welded
Brake	Rim Brake
Diameter	349
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	276g
ETRTO	349mm
ERD	309mm
Material	AL-6066



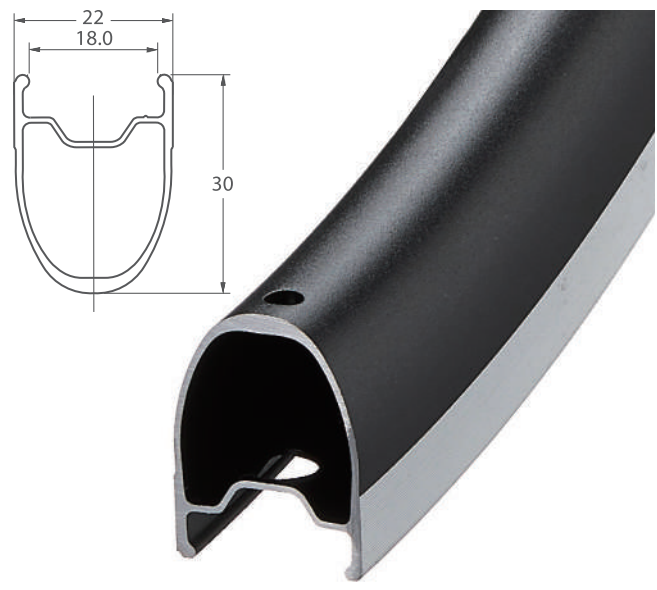
355
ETY_R0010

Joint	Welded
Brake	Rim Brake
Diameter	355
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	260g
ETRTO	355mm
ERD	315mm
Material	AL-6066



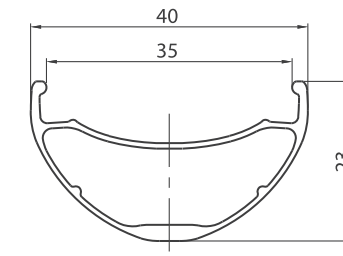
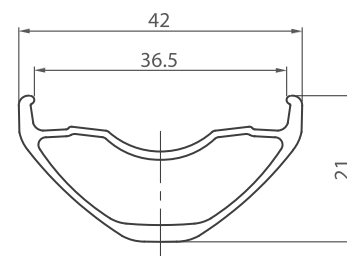
406
ETY_R0010

Joint	Welded
Brake	Rim Brake
Diameter	406
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	300g
ETRTO	406mm
ERD	366mm
Material	AL-6066



451
ETY_R0010

Joint	Welded
Brake	Rim Brake
Diameter	451
Spoke	20H/24H/28H
Finish	Sandblasted/Polished + Post Anodizing
Weight	355g
ETRTO	351mm
ERD	411mm
Material	AL-6066

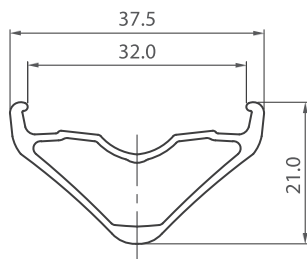


ETY EM40

Joint	Welded
Brake	Disc Brake
Diameter	650B/29er
Spoke	32H/36H
Finish	Sandblasted/Polished + Post Anodizing
Weight	685g(650B)/730g(29er)
ETRTO	584.1mm(650B) / 622mm(29er)
ERD	560.3mm / 598.2mm
Material	AL-6069

ETY M0009

Joint	Welded
Brake	Disc Brake
Diameter	650B/29er
Spoke	28H/32H
Finish	Sandblasted/Polished + Post Anodizing
Weight	540g(650B)/575g(29er)
ETRTO	584.1mm(650B) / 622mm(29er)
ERD	554.5mm / 592mm
Material	AL-6069



ETU. EM32

Joint	Welded
Brake	Disc Brake
Diameter	650B/29er
Spoke	32H/36H
Finish	Sandblasted/Polished + Post Anodizing
Weight	615g(650B)/650(29er)
ETRTO	584.1mm(650B) / 622mm(29er)
ERD	558mm / 595.5mm
Material	AL-6069