

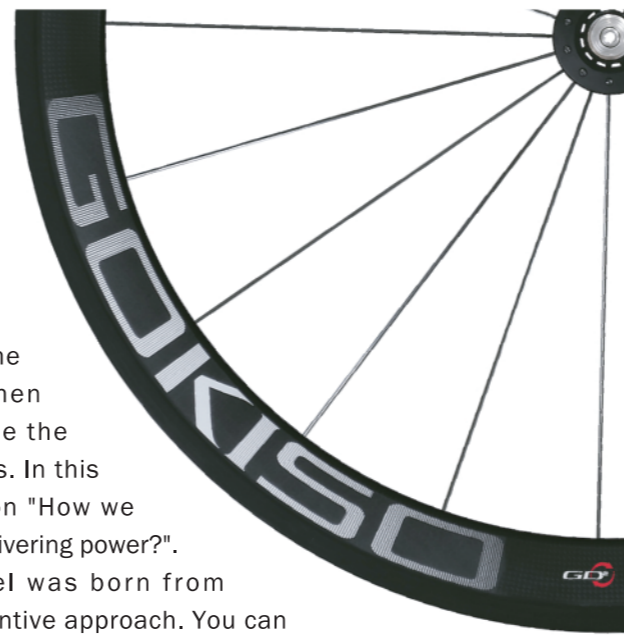


AVIATION
TECHNOLOGY
PROVIDES
ULTRA-HIGH
PERFORMANCE

www.gokiso.jp

1 The GOKISO Wheel minimizes driving force loss, and maximizes driving power.

You can feel its characteristics when you stop pedaling. GOKISO engineers reconsidered the basic of a bicycle design by comparing the bicycle to a machine. The pedaling power is delivered to the chain and hub, and then these energies become the driving force to the tires. In this process, we focused on "How we minimize the loss of delivering power?". A radically new wheel was born from GOKISO's original incentive approach. You can feel the acceleration even when you stop pedaling. The sensation of gliding on ice. GOKISO provides a new experience.



GRAPHIC -

The graphic on the rims are designed from high speed rotation jet engine. This graphic employed reflective material and provides safer ride at dark.

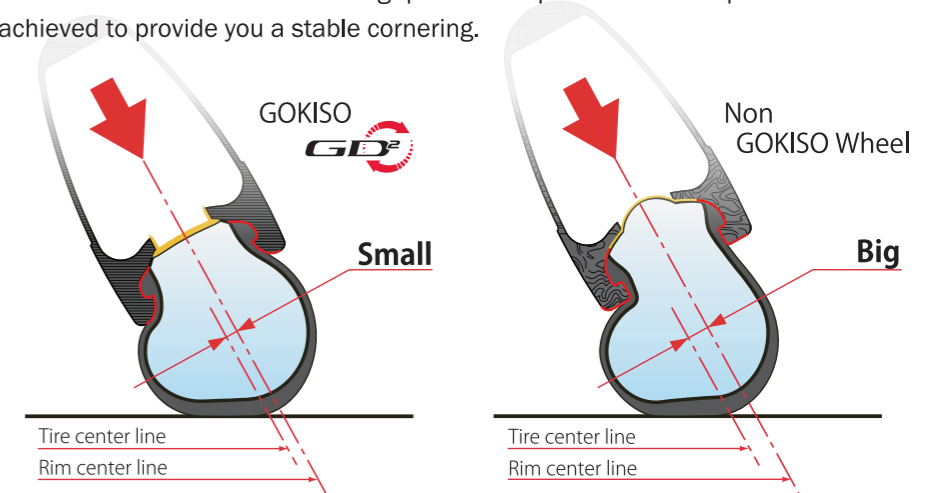
2 This "reversal idea" is to maximize the efficiency of the wheel's rotation.

GOKISO GD² (square) Wheel is not a "ultra-light wheel". Of course the low-mass has a low inertial force. However, the wheel without rigidity gets deformed by the rider's weight and additional load. The GOKISO GD² Wheel absorbs these loads, and maximizes the driving power by keeping its shape. "The shock absorbing structure" in the GOKISO Hub absorbs the vibration that is transmitted through hard rims from the road surface. Through this structure, the GOKISO hub shuts down the vibration to bearings. Therefore it provides a smooth riding experience.



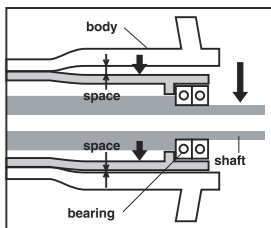
3 Turning performance-

GOKISO GD² (square) Wheel also performs its unique ability at cornering. Our original design of GOKISO GD² Full Carbon Wide Clincher rims' bead hook fits the tire beads with no gaps and keep the round shape of tires. This achieved to provide you a stable cornering.



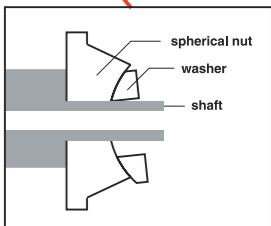
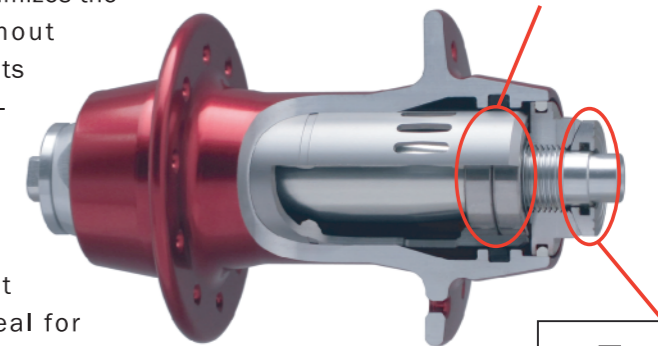
4 GOKISO technology.

When racing on a rough street, a hub must bear a deadly impact in every moment. With a standard hub structure, a shaft easily gets deformed and axle becomes deflected causing bearings to twist. As a result, more pedaling force is required. GOKISO Hub adopts a spring-structured and elastic body suspension around the bearings with a 0.5mm play to absorb the shock. This system minimizes the shock without sacrificing its rotation performance.



A 0.5mm space acts as a load absorber.

A slim and lean shaft sounds ideal for light-weighted bicycle hubs, but it lowers the strength and makes a shaft more vulnerable to deflection. A hub shaft could get deformed during wheel installation. Our spherical nut and washer are the successful solution for these problems. By keeping the hub shaft straight regardless of frame deformation, we have achieved the highest rotation accuracy without abrading or damaging the bearing.



Flange deflection is adjusted by a washer with angular contact along the frame.

5 DIN P5 grade bearing (made in Japan).

The GOKISO Hub has two ultra-high-precision P5 grade deep groove bearings each side ("double bearing system") on both sides of the shaft. In addition to the four bearings in the front, we have added extra bearings to the rear unit drive; totaling seven bearings. This new structure improves durability against static load (approx. front : 400kg weight, rear : 600kg weight) and provides minimizes the bearing vibration, smooth rotation and a super-low friction.



P5 double bearing manufactured by NTN



HUB LINE UP



Super Climber - Signature model
Front / Rear set
**Replaceable freehub body,
Shimano 11s - Campagnolo**



Climber S-spec - Light weight model
Front / Rear set
**Replaceable freehub body,
Shimano 11s - Campagnolo**



GOKISO Hub - Basic model
Front / Rear set
**Replaceable freehub body,
Shimano 11s - Campagnolo**

RIM LINE UP



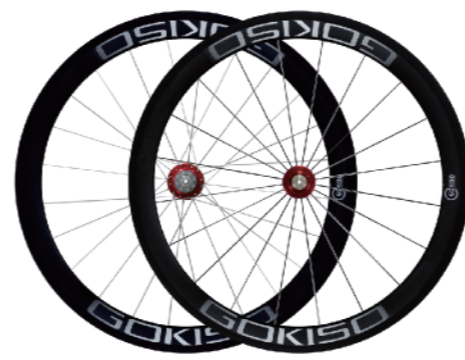
GOKISO GD² Wheel
**Full carbon clincher
24mm height - 20/24H**



GOKISO GD² Wheel
**Full carbon clincher
38mm height - 20/24H**



GOKISO GD² Wheel
**Full carbon clincher
50mm height - 20/24H**



GOKISO Wheel
**Full carbon tubular
50mm height - 20/24H**

ACCESSORY



GOKISO Brake Pads



GOKISO Quick Release

WHEEL SET LINE UP / Specification

No.	Wheel Front / Rear set	rim height	Spoke H	Weight
1	GOKISO Wheel Super Climber full carbon Tubular	50 mm	20 / 24 H	50mm 814 / 906 g
2	GOKISO GD² Wheel Super Climber full carbon Clincher	24, 38, 50 mm	20 / 24 H	24mm 828 / 1,071 g 38mm 890 / 1,134 g 50mm 956 / 1,189 g
3	GOKISO Wheel Climber S-spec full carbon Tubular	50 mm	20 / 24 H	50mm 786 / 862 g
4	GOKISO GD² Wheel Climber S-spec full carbon Clincher	24, 38, 50 mm	20 / 24 H	24mm 800 / 1,026 g 38mm 862 / 1,090 g 50mm 928 / 1,145 g
5	GOKISO Wheel full carbon Tubular	50 mm	20 / 24 H	50mm 824 / 916 g *
6	GOKISO GD² Wheel full carbon Clincher	24, 38, 50 mm	20 / 24 H	24mm 838 / 1,081 g 38mm 900 / 1,144 g * 50mm 966 / 1,199 g

* UCI certified

GOKISO Hub Specification

Super Climber	Front hub	Rear hub	
Freehub body	-	Campagnolo 10/11s	Shimano11s
O.L.D.	100 mm	130 mm	
Spoke H	20H	24H	
Center to Flange *	29.5 mm / 29.5 mm	27.6 mm / 16.6 mm	
P.C.D. *	Φ 46 mm / Φ 46 mm	Φ 53 mm / Φ 58 mm	
*	mm / mm = left / right		
Spoke	SAPIM CX-RAY		
Bearing type	Non-contact sealed deep groove Ceramic bearing (DIN P5)		
Bearing qty	4 pcs	7 pcs	
Ratchet	-	4 pawls, 92 notch	
Weight	230 g	445 g	
Material	Ti-6AL-4V		

Climber S-spec	Front Hub	Rear Hub	
Freehub body	-	Campagnolo 10/11s	Shimano11s
O.L.D.	100 mm	130 mm	
Spoke H	20H	24H	
Center to Flange *	28.7 mm / 28.7 mm	27.2 mm / 16.7 mm	
P.C.D. *	Φ 47 mm / Φ 47 mm	Φ 53 mm / Φ 61 mm	
*	mm / mm = left / right		
Spoke	SAPIM CX-RAY		
Bearing type	Non-contact sealed deep groove bearing (DIN P5)		
Bearing qty	4 pcs	7 pcs	
Ratchet	-	4 pawls, 92 notch	
Weight	202 g	401 g	
Material	A7075-T73		

Basic model	Front Hub	Rear Hub	
Freehub body	-	Campagnolo 10/11s	Shimano11s
O.L.D.	100 mm	130 mm	
Spoke H	20H	24H	
Center to Flange *	30.1 mm / 30.1 mm	28 mm / 16.3 mm	
P.C.D. *	Φ 46 mm / Φ 46 mm	Φ 53.6 mm / Φ 61 mm	
*	mm / mm = left / right		
Spoke	SAPIM CX-RAY		
Bearing type	Non-contact sealed deep groove bearing (DIN P5)		
Bearing qty	4 pcs	7 pcs	
Ratchet	-	4 pawls, 92 notch	
Weight	240 g	455 g	
Material	A7075-T73		

Manufacturer



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JQA-AS0047



MS JAB CM009

The Manufacture of Machine-Processed Parts for Aircraft Engine.



Rolls royce Certificate of Approval

MADE IN JAPAN