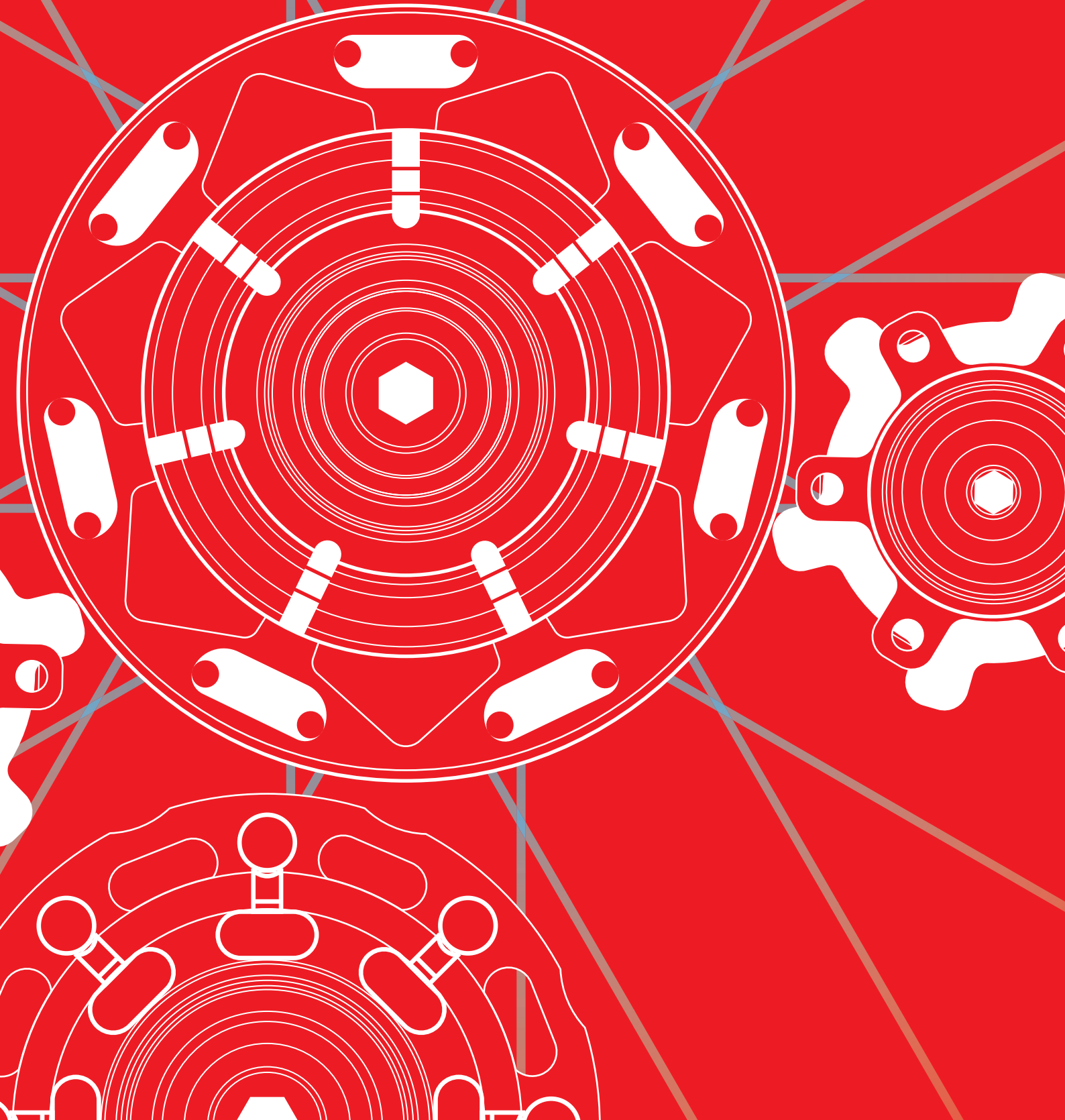





POWERWAY


2017 HUBS & WHEEL SETS






	PHB-R51
85g	
TYPE	2 seal bearing
HOLE	18, 20
P.C.D	34mm
O.L.D	100mm




	PFH-R51
212g	
TYPE	4 seal bearing
HOLE	21(2:1), 24(2:1)
P.C.D	33.5mm / 64.17mm
O.L.D	130mm

• Shimano 11S and Campy compatible




	PHB-R41
81g	
TYPE	4 seal bearing
HOLE	20
P.C.D	29.5mm
O.L.D	100mm




	PFH-R41
218g	
TYPE	5 seal bearing
HOLE	24
P.C.D	40.18mm / 48.68mm
O.L.D	130mm

• Shimano 11S and Campy compatible




	PHB-R49
77g	
TYPE	2 seal bearing
HOLE	18, 20
P.C.D	34mm
O.L.D	100mm




	PFH-R49
217g	
TYPE	4 seal bearing
HOLE	21(2:1), 24(2:1)
P.C.D	33.5mm / 64.17mm
O.L.D	130mm

• Shimano 11S and Campy compatible




	PHB-R45
96g	
TYPE	2 seal bearing
HOLE	20
P.C.D	26.35mm
O.L.D	100mm




	PFH-R45
231g	
TYPE	5 seal bearing
HOLE	24(2:1)
P.C.D	33.4mm / 54.1mm
O.L.D	130mm

• Shimano 11S and Campy compatible




	PHB-R36
88g	
TYPE	2 seal bearing
HOLE	18, 20
P.C.D	25.5mm
O.L.D	100mm



	PFH-R36
207g	
TYPE	4 seal bearing
HOLE	20, 21(2:1), 24, 24(2:1)
P.C.D	35.5mm / 49.5mm
O.L.D	130mm

• Shimano 11S and Campy compatible



	PHB-R35
125g	
TYPE	2 seal bearing
HOLE	20
P.C.D	35mm
O.L.D	100mm



	PFH-R35
253g	
TYPE	4 seal bearing
HOLE	24
P.C.D	35mm / 58mm
O.L.D	130mm

• Shimano 11S and Campy compatible



	PHB-R39
79g	
TYPE	4 seal bearing
HOLE	18, 20
P.C.D	27.6mm
O.L.D	100mm



	PFH-R39
215g	
TYPE	5 seal bearing
HOLE	20, 21(2:1), 24, 24(2:1)
P.C.D	37.5mm / 49.32mm
O.L.D	130mm

• Shimano 11S and Campy compatible



	PHB-R42
118g	
TYPE	2 seal bearing
HOLE	20
P.C.D	32mm
O.L.D	100mm



	PFH-R42
231g	
TYPE	4 seal bearing
HOLE	24
P.C.D	32mm / 49.9mm
O.L.D	130mm

• Shimano 11S and Campy compatible



PHB-R10

72g

TYPE	4 seal bearing
HOLE	16, 18, 20, 24
P.C.D	29.7mm
O.L.D	100mm

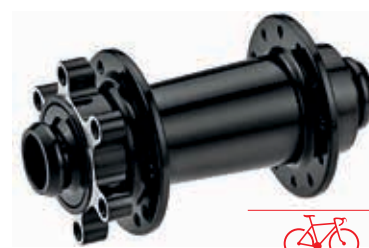


PFH-R10

248g

TYPE	4 seal bearing
HOLE	20, 24, 28, 32
P.C.D	61.8mm
O.L.D	130mm

• Shimano 11S and Campy compatible



PHB-CX27

138g

TYPE	2 seal bearing
HOLE	24
P.C.D	43.2mm
O.L.D	100mm

END CAP OPTION QR, M9, M12, M15



PFH-CX27

279g

TYPE	4 seal bearing
HOLE	24
P.C.D	45mm / 49.2mm
O.L.D	135mm

END CAP OPTION QR, M10, M12x142

• SH11S, and SramXX1 compatible



PHB-R12

71g

TYPE	4 seal bearing
HOLE	16, 18, 20, 24
P.C.D	31mm
O.L.D	100mm



PFH-R12

205g

TYPE	4 seal bearing
HOLE	20, 21(2:1), 24, 24(2:1), 28
P.C.D	38.4mm / 49.3mm
O.L.D	130mm

• Shimano 11S and Campy compatible



PHB-M17

171g

TYPE	2 seal bearing
HOLE	16, 18, 20, 24
P.C.D	57.5mm
O.L.D	100mm



PFH-CX27A

257g

TYPE	4 seal bearing
HOLE	24
P.C.D	43mm / 55mm
O.L.D	135mm

END CAP OPTION QR, M10, M12x142

• SH11S, and SramXX1 compatible



PHB-R13J

86g

TYPE	4 seal bearing
HOLE	20
P.C.D	38.3mm
O.L.D	100mm



PFH-R13J

207g

TYPE	4 seal bearing
HOLE	24(2:1)
P.C.D	48.3mm
O.L.D	130mm

• Shimano 11S and Campy compatible



PHB-CX32

117g

TYPE	2 seal bearing
HOLE	24
P.C.D	33mm
O.L.D	100mm

END CAP OPTION QR, M9, M12, M15



PFH-CX32

265g

TYPE	4 seal bearing
HOLE	24
P.C.D	35mm / 54mm
O.L.D	135mm

END CAP OPTION QR, M10, M12x142

• SH11S, and SramXX1 compatible



PHB-R13

78g

TYPE	2 seal bearing
HOLE	16, 18, 20, 24
P.C.D	29.7mm
O.L.D	100mm

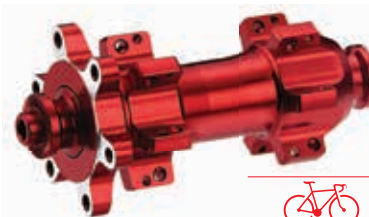


PFH-R13

208g

TYPE	4 seal bearing
HOLE	20, 21(2:1), 24, 24(2:1), 28
P.C.D	38.4mm / 49.3mm
O.L.D	130mm

• Shimano 11S and Campy compatible



PHB-CX30

119g

TYPE	2 seal bearing
HOLE	24
P.C.D	33.5mm
O.L.D	100mm



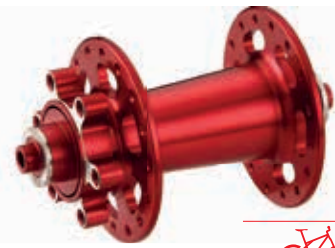
PFH-CX30

246g

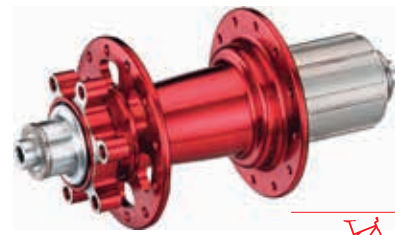
TYPE	4 seal bearing
HOLE	24
P.C.D	44.5mm / 53.1mm
O.L.D	135mm



• SH11S, and SramXX1 compatible



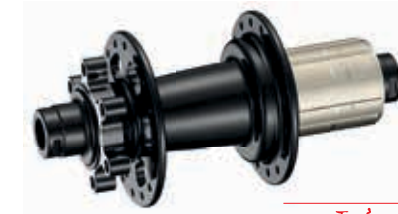
	PHB-M81
174g	
TYPE	2 seal bearing
HOLE	24, 28, 32
P.C.D	58.2mm
O.L.D	100mm
END CAP OPTION	QR, M9, M15



	PFH-M81
290g	
TYPE	4 seal bearing
HOLE	24, 28, 32
P.C.D	58mm
O.L.D	135mm
END CAP OPTION	QR, M10, M12x142
• Shimano 115 and SramXX1 compatible	



	PHB-M80
174g	
TYPE	2 seal bearing
HOLE	24, 28, 32
P.C.D	58.2mm
O.L.D	100mm
END CAP OPTION	QR, M9, M15



	PFH-M80
288g	
TYPE	4 seal bearing
HOLE	24, 28, 32
P.C.D	58mm
O.L.D	135mm
END CAP OPTION	QR, M10, M12x142
• Shimano 115 and SramXX1 compatible	



	PHB-M84
175g	
TYPE	2 seal bearing
HOLE	24, 28, 32
P.C.D	57.2mm
O.L.D	100mm
END CAP OPTION	QR, M9, M15



	PFH-M84
292g	
TYPE	4 seal bearing
HOLE	24, 28, 32
P.C.D	57mm
O.L.D	135mm
END CAP OPTION	QR, M10, M12x142
• Shimano 115 and SramXX1 compatible	



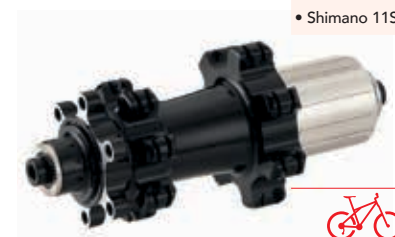
	PHB-M65
141g	
TYPE	2 seal bearing
HOLE	24, 28, 32
P.C.D	47mm
O.L.D	100mm



	PFH-M65
274g	
TYPE	4 seal bearing
HOLE	24, 28, 32
P.C.D	58.2mm
O.L.D	135mm
• Shimano 115 and SramXX1 compatible	



	PHB-M42
155g	
TYPE	2 seal bearing
HOLE	24, 28
P.C.D	41.7mm
O.L.D	100mm
END CAP OPTION	QR, M9, M15



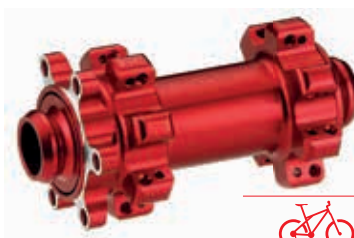
	PFH-M42
285g	
TYPE	4 seal bearing
HOLE	24, 28
P.C.D	43.1mm / 51.1mm
O.L.D	135mm
END CAP OPTION	QR, M10, M12x142
• Shimano 115 and SramXX1 compatible	



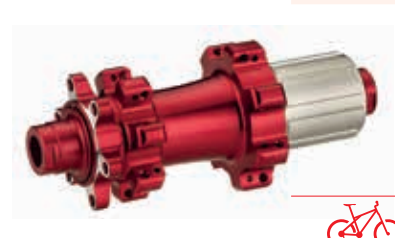
	PHB-CT31
199g	
TYPE	2 seal bearing
HOLE	24, 28
P.C.D	42.3mm
O.L.D	100mm
END CAP OPTION	QR, M9, M15



	PFH-CT31
282g	
TYPE	4 seal bearing
HOLE	24, 28
P.C.D	42.2mm / 51.4mm
O.L.D	135mm
END CAP OPTION	QR, M10, M12x142
• Shimano 115 and SramXX1 compatible	



	PHB-M45
156g	
TYPE	2 seal bearing
HOLE	24, 28
P.C.D	41.7mm
O.L.D	100mm
END CAP OPTION	QR, M9, M15



	PFH-M45
286g	
TYPE	4 seal bearing
HOLE	24, 28
P.C.D	43.1mm / 51.1mm
O.L.D	135mm
END CAP OPTION	QR, M10, M12x142
• Shimano 115 and SramXX1 compatible	



	PHB-CT11
152g	
TYPE	2 seal bearing
HOLE	24, 28, 32
P.C.D	57.2mm
O.L.D	100mm
END CAP OPTION	QR, M9, M15



	PFH-CT11
276g	
TYPE	4 seal bearing
HOLE	24, 28, 32
P.C.D	58mm
O.L.D	135mm
END CAP OPTION	QR, M10, M12x142
• Shimano 115 and SramXX1 compatible	

• Center lock rotor mounting system licensed by Shimano



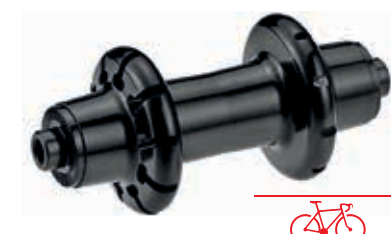
	PHB-L10
135g	
TYPE	2 seal bearing
HOLE	28, 32
P.C.D	45mm / 58mm
O.L.D	74mm



	PHB-L11
155g	
TYPE	2 seal bearing
HOLE	28, 32
P.C.D	58mm / 45mm
O.L.D	83mm



	PHB-R36-74
78g	
TYPE	2 seal bearing
HOLE	16, 18, 20
P.C.D	25.5mm
O.L.D	74mm



	PHB-R47A
73g	
TYPE	4 seal bearing
HOLE	16, 18, 20
P.C.D	27.6mm
O.L.D	74mm



	PHB-L31
122g	
TYPE	2 seal bearing
HOLE	24, 28
P.C.D	42mm / 45.9mm
O.L.D	74mm



	PFH-M82A
300g	
TYPE	4 seal bearing
HOLE	28, 32
P.C.D	58mm
O.L.D	148mm



• Shimano and SramXX1 compatible



	PHB-R10L
81g	
TYPE	4 seal bearing
HOLE	20, 24, 28, 32
P.C.D	39.6mm
O.L.D	100mm



	PHB-R17
59g	
TYPE	4 seal bearing
HOLE	16, 18, 20
P.C.D	29.7mm
O.L.D	74mm



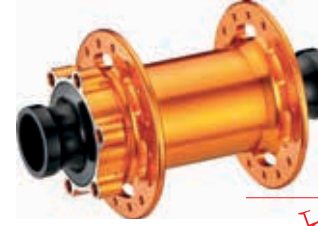
	PHB-M82
194g	
TYPE	2 seal bearing
HOLE	28, 32
P.C.D	58mm
O.L.D	110mm



	PFH-M82
305g	
TYPE	4 seal bearing
HOLE	28, 32
P.C.D	58mm
O.L.D	148mm

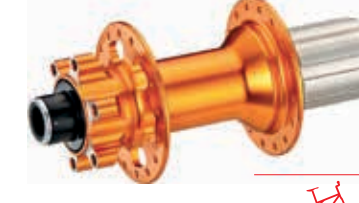


• Shimano and SramXX1 compatible



	PHB-DH16
184g	
TYPE	2 seal bearing
HOLE	28, 32
P.C.D	58.3mm
O.L.D	100mm

END CAP OPTION QR, M15, M20x110



	PFH-DH16
305g	
TYPE	4 seal bearing
HOLE	28, 32
P.C.D	58mm
O.L.D	150mm

END CAP OPTION M12x150, M12x157

• Shimano 115 and SramXX1 compatible



	PHB-M74-135		PHB-M74-150
213g		221g	
TYPE	2 seal bearing		2 seal bearing
HOLE	28, 32		28, 32
P.C.D	58.2mm		58.2mm
O.L.D	135mm		150mm
END CAP OPTION	QR, M15		QR, M15



	PFH-M74-170		PFH-M74-191
355g		382g	
TYPE	4 seal bearing		4 seal bearing
HOLE	28, 32		28, 32
P.C.D	58.2mm		58.2mm
O.L.D	170mm		191mm
END CAP OPTION	QR, M12x170		QR, M12x191, M12x198

• Shimano 115 and SramXX1 compatible



PHB-M17

171g

TYPE	2 seal bearing
HOLE	16, 18, 20, 24
P.C.D	57.5mm
O.L.D	100mm



PFH-SP16

438g

TYPE	4 seal bearing
HOLE	32
O.L.D	135mm
• AL6061/T6 aluminum CNC body	



PHB-B01

139g

TYPE	2 seal bearing
HOLE	18, 32
P.C.D	38mm
O.L.D	100mm



PFH-B01

348g

TYPE	4 seal bearing
HOLE	28, 32
P.C.D	50.5mm
O.L.D	110mm



PHB-T32

193g

TYPE	2 seal bearing
HOLE	20
P.C.D	27.8mm
O.L.D	100mm



PFH-T32

242g

TYPE	2 seal bearing
HOLE	24
P.C.D	32.4mm
O.L.D	120mm



PHB-T01

232g

TYPE	2 seal bearing
HOLE	20, 24, 28, 32
P.C.D	62mm
O.L.D	100mm



PFH-T01

286g

TYPE	2 seal bearing
HOLE	24, 28, 32
P.C.D	62mm
O.L.D	120mm

PATENTED ALLOY SPOKE



KS02



- Road - Shimano 11SPD
- 3 pawls, C-ring
- Another Option: Campy

KS03



- Road - Shimano 11SPD
- 3 pawls, Leaf spring
- Another Option: Campy

KS23



- MTB - Shimano 9-11SPD, Sram 9-10SPD
- 4 pawls, Leaf spring
- Another Option: Sram XX1

KS23



- MTB - Shimano 9-11SPD, Sram 9-10SPD
- 6 pawls in dual, Leaf spring
- Another Option: Sram XX1

KS30



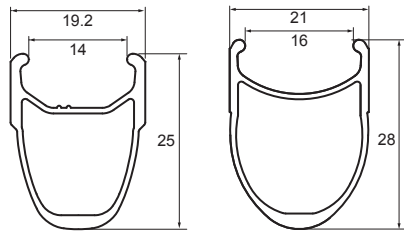
- MTB - Shimano 9-11SPD, Sram 9-10SPD
- 4 pawls, Leaf spring
- Another Option: Sram XX1

700C Aluminum Clincher Wheelsets

PWH-R306

- Fast, versatile, artisan built entirely by hand for 700C road bicycle
- Straight pull CNC machined aluminum hub
- 25mm deep aluminum welded rims
- Patented alloy aero spoke with alloy hidden nipples
- Shimano 11S and Campy compatible
- Rim tapes, QR type skewers, wrench and repair parts (spoke & nipple) included

Spoke Hole	F-18H / R-21H		
O.L.D	F-100mm / R-130mm		
Weight	F-650g / R-810g	Total	1460g

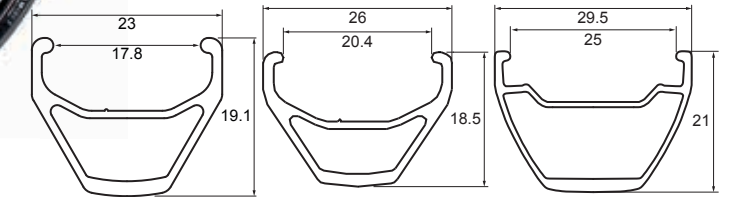


MTB Aluminum Wheelsets

**PWH-M604-26"
PWH-M604-650B
PWH-M604-29"**

- Elegant, versatile, artisan built entirely by hand for MTB XC bicycle
- Straight pull CNC machined aluminum hub
- 21mm deep of 650B aluminum welded rims
- Patented alloy aero spoke with alloy external nipples
- End cap changeable, options:
F-QR, M15; R-QR, M12x142
- Rim tapes, QR type skewers, wrench and repair parts (spoke & nipple) included

Spoke Hole	F-24H / R-24H		
O.L.D	F-100mm / R-135mm		
Weight	F-810g / R-935g	Total	1745g

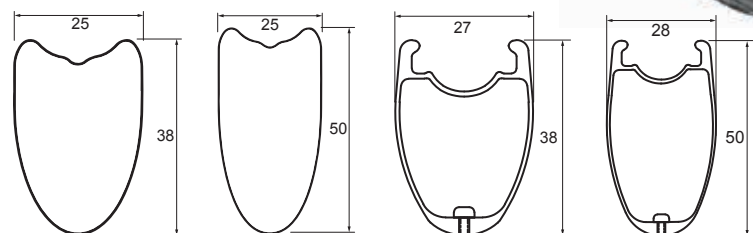


700C Carbon Tubular Wheelsets

PWH-R306T

- Fast, versatile, artisan built entirely by hand for 700C road bicycle
- Straight pull CNC machined aluminum hub
- Full carbon fiber 50mm or 38mm deep tubular rims
- Patented alloy aero spoke with alloy hidden nipples
- Shimano 11S and Campy compatible

Spoke Hole	F-18H / R-21H		
O.L.D	F-100mm / R-130mm		
Weight	38mm: F-625g / R-785g	Total	1410g
	50mm: F-635g / R-755g		1430g

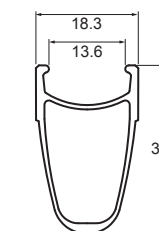


700C Aluminum Clincher Wheelsets

PWH-T101

- Fast, versatile, artisan built entirely by hand for 700C track bicycle
- Straight pull CNC machined aluminum hub
- 30mm deep aluminum sleeve rims
- Patented alloy aero spoke with alloy external nipples
- Rim tapes, wrench and repair parts (spoke & nipple) included

Spoke Hole	F-20H / R-20H		
O.L.D	F-100mm / R-120mm		
Weight	F-943g / R-987g	Total	1930g



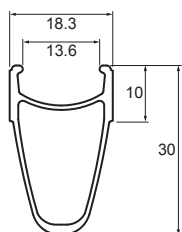
ALLOY SPOKE / ROAD & MTB & TRACK

700C Aluminum Clincher Wheelsets

PWH-R130

- Lightweight, artisan built entirely by hand for 700C road bicycle
- J-bend CNC machined aluminum hub
- 30mm deep aluminum sleeve rims
- Pillar PSR1432 spoke with alloy nipples
- Shimano 11S and Campy compatible
- Rim tapes, QR type skewers and repair parts (spoke & nipple) included

Spoke Hole	F-20H / R-24H
O.L.D	F-100mm / R-130mm
Weight	F-668g / R-841g Total 1509g

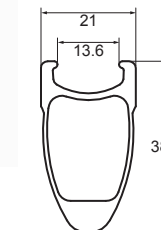
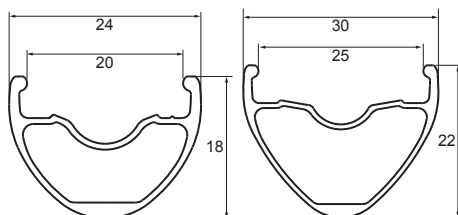


MTB Aluminum Wheelsets

PWH-M810-26" PWH-M810-650B PWH-M810-29"

- Elegant, versatile, artisan built entirely by hand for MTB bicycle
- J-bend CNC machined aluminum hub
- 22mm deep of 650B aluminum sleeve rims
- Pillar PSR2018 spoke with alloy nipples
- Shimano 11S and Sram XX1 compatible
- End cap changeable, options:
F- QR, M15; R- QR, M12x142
- Rim tapes, QR type skewers and repair parts (spoke & nipple) included

Spoke Hole	F-28H / R-28H
O.L.D	F-100mm / R-135mm
Weight	F-803g / R-884g Total 1687g



20" Carbon Clincher Wheelsets

PWH-R306-451C

- Fast, versatile, artisan built entirely by hand for 20" road bicycle
- Straight pull CNC machined aluminum hub
- Full carbon fiber 38mm deep clincher rims
- Patented alloy aero spoke with alloy hidden nipples
- Shimano 11S and Campy compatible
- Rim tapes, QR type skewers, wrench and repair parts (spoke & nipple) included
- Shimano 11S and Campy compatible
- Rim tapes, QR type skewers, wrench and repair parts (spoke & nipple) included

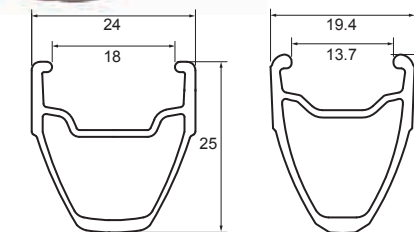
Spoke Hole	F-16H / R-20H
O.L.D	F-100mm / R-130mm
Weight	F-478g / R-643g Total 1121g

20" Aluminum Clincher Wheelsets

PWH-R306-451 PWH-R306-406

- Fast, versatile, artisan built entirely by hand for 20" road bicycle
- Straight pull CNC machined aluminum hub
- 24mm deep aluminum sleeve rims
- Patented alloy aero spoke with alloy hidden nipples
- Shimano 11S and Campy compatible
- Rim tapes, QR type skewers, wrench and repair parts (spoke & nipple) included

Spoke Hole	F-16H / R-20H
O.L.D	F-100mm / R-135mm
Weight	451: F-482g / R-646g Total 1128g 406: F-453g / R-621g Total 1074g

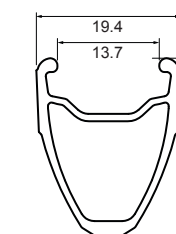


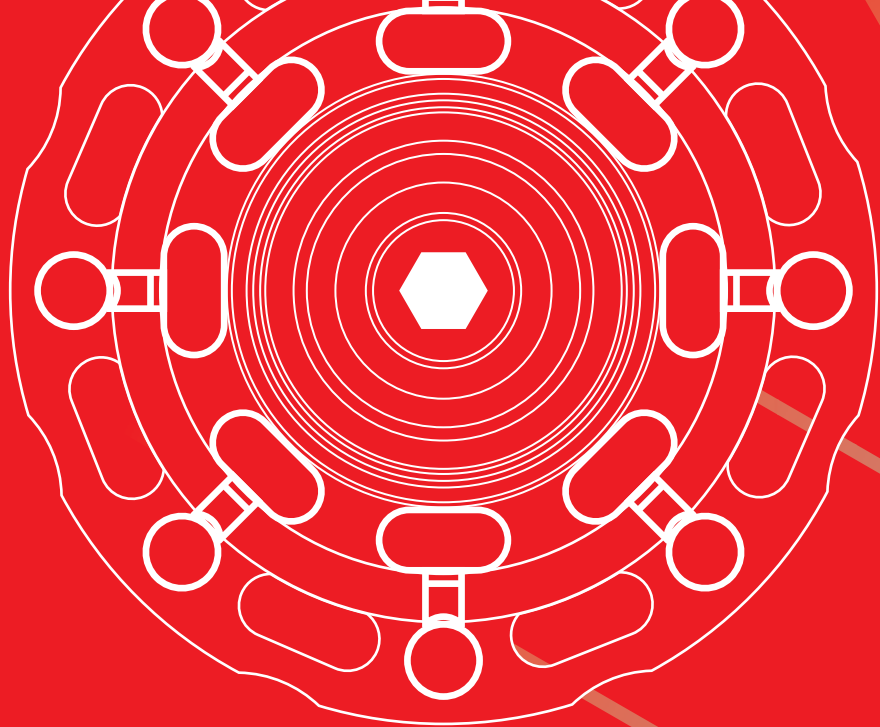
20" Aluminum Clincher Wheelsets

PWH-R130-451 PWH-R130-406

- Lightweight, artisan built entirely by hand for 20" road bicycle
- J-bend CNC machined aluminum hub
- 24mm deep aluminum sleeve rims
- Pillar PSR14 spoke with alloy nipples
- Shimano 11S and Campy compatible
- Rim tapes, QR type skewers and repair parts (spoke & nipple) included

Spoke Hole	F-20H / R-24H
O.L.D	F-100mm / R-130mm
Weight	F-516g / R-671g Total 1187g





POWERWAY

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