

HUBS 180 CARBON CERAMIC

Model	Width		Hub axle system								Spoke holes						Color		Disc mount		Rotor body system				Hub dimension				Technical data				Accessories					
	Built-in dimension [mm]	+/- 5% [g]*	5 mm Quick release	9 mm DT Swiss Thru bolt	15 mm Thru axle	20 mm Thru axle	10 mm DT Swiss Thru bolt	12 mm Thru axle	X-12 Thru axle	bolt on	16 holes	18 holes	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Shimano 11 Road**	Campagnolo 9 / 10 / 11	Sram MTB XD for XX1	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter			
180 carbon ceramic																																						
180 Non disc																																						
Front	100	100	●											●	●	●		●							74.8(37.4/37.4)	39.0/39.0	2.4	2.0	●	●	●							
Rear road	130	183	●											●	●	●		●		●	●	○		50.2(33.2/17.0)	41.0/45.0	2.4	2.0		●	●	●							
	130	190	●											●	●	●		●		○	○	●		50.2(33.2/17.0)	41.0/45.0	2.4	2.0		●	●	●							
180 Center lock®																																						
Front	100	126	●	○	○									●	●			●	●	○					58.5(22.5/36.0)	44.0/37.5	2.5	2.0		●	●				●			
	100	123	○	○	●									●	●			●	●	○					58.5(22.5/36.0)	44.0/37.5	2.5	2.0		●	●				●			
Rear	135	207	●				○	○	○					●	●			●	●	○	●		○		52.5(33.2/19.5)	44.0/47.5	2.5	2.0		●	●	●				●		
	142	202	○				○	●	●					●	●			●	●	○	●		○		52.5(33.0/19.5)	44.0/47.6	2.5	2.0		●	●	●				●		

● = Standard ○ = Option

* Weight without CL adapter or quick release or thru axle ** incl. washer for 10 speed

HUBS 240S STRAIGHTPULL

Model	Width		Hub axle system								Spoke holes				Color		Disc mount		Rotor body system				Hub dimension				Technical data				Accessories						
	Built-in dimension [mm]	+/- 5% [g]*	5 mm Quick release	9 mm DT Swiss Thru bolt	15 mm Thru axle***	20 mm Thru axle	10 mm DT Swiss Thru bolt	12 mm Thru axle	X-12 Thru axle	bolt on	16 holes	18 holes	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Shimano 11 Road**	Campagnolo 9 / 10 / 11	Sram MTB XD for XX1	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter		
240s straightpull																																					
240s Non disc																																					
Front	100	107	●											●				●								75.8(37.9/37.9)	30.0/30.0	2.5	2.0	●		●					
Rear road	130	212	●										●					●			●	●	○			49.3(33.3/16.0)	39.0/46.0	2.5	2.0		●	●	●				
240s Center lock®																																					
Front	100	122	●	○	○									●			●		●	○						56.7(21.7/35.0)	38.5/36.5	2.5	2.0		●	●					
	100	118	○	○	●									●			●		●	○						56.7(21.7/35.0)	38.5/36.5	2.5	2.0		●	●					
Rear	135	231	●				○	○	○					●			●		●	○	●			○		53.2(33.0/20.2)	38.5/45.5	2.5	2.0		●	●	●				
	142	227	○				○	●	●					●			●		●	○	●			○		53.2(33.0/20.2)	38.5/45.5	2.5	2.0		●	●	●				
240s Disc brake IS																																					
Front	100	130	●	○	○									●			●		●							57.2(22.3/34.9)	38.5/36.5	2.5	2.0		●	●					
	100	127	○	○	●									●			●		●							57.2(22.3/34.9)	38.5/36.5	2.5	2.0		●	●					
Front oversize	110	164	○	○	○	●							●			●		●							53.0(22.5/30.5)	48.0/48.0	2.5	2.0		●	●						
Rear	135	237	●				○	○	○					●			●		●	●			○		55.1(34.6/20.5)	38.5/45.5	2.5	2.0		●	●	●					
	142	232	○				○	●	●					●			●		●	●			○		55.1(34.6/20.5)	38.5/45.5	2.5	2.0		●	●	●					
	150	276	○				○	●	○					●			●		●	●			○		54.8(27.4/27.4)	47.0/47.0	2.5	2.0		●	●	●					

● = Standard ○ = Option

* Weight without CL adapter or quick release or thru axle ** incl. washer for 10 speed *** for 240s CL front hub you will need the 15 mm locking

HUBS 240S

Model	Width		Hub axle system													Spoke holes				Color		Disc mount		Rotor body system				Hub dimension				Technical data				Accessories	
	Built-in dimension [mm]	+/- 5% [g]*	5 mm Quick release	9 mm DT Swiss Thru bolt	15 mm Thru axle***	20 mm Thru axle	10 mm DT Swiss Thru bolt	12 mm Thru axle	X-12 Thru axle	bolt on	16 holes	18 holes	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Shimano 11 Road**	Campagnolo 9 / 10 / 11	Sram MTB XD for XX1	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter		
240s																																					
240s Non disc																																					
Front	100	105	●											●	●	●	●	●								74.8(37.4/37.4)	39.0/39.0	2.4	2.0	●	●	●					
	100	105	●														●									74.8(37.4/37.4)	39.0/39.0	2.4	2.0	●	●	●					
Rear road	130	209	●											●	●	●	●			●	●	○				50.2(33.2/17.0)	45.0/45.0	2.4	2.0		●	●	●				
	130	209	●											●	●			●		●	●	○				50.2(33.2/17.0)	45.0/45.0	2.4	2.0		●	●	●				
	130	209	●											●				●		●	●	○				50.2(33.2/17.0)	45.0/45.0	2.4	2.0		●	●	●				
	130	209	●											●				●		●	●	○				50.2(33.2/17.0)	45.0/45.0	2.4	2.0		●	●	●				
Rear MTB	135	219	●												●		●		●	●	○		○			54.7(35.3/19.4)	45.0/45.0	2.4	2.0		●	●	●				
240s Center lock®																																					
Front	100	130	●	○	○									●	●		●		●	○						58.1(22.5/35.6)	44.0/42.0	2.5	2.0		●	●					
	100	130	●	○	○												●		●	○						58.1(22.5/35.6)	44.0/42.0	2.5	2.0		●	●					
Front fifteen	100	126	○	○	●									●	●		●		●	○						58.1(22.5/35.6)	44.0/42.0	2.5	2.0		●	●					
	100	126	○	○	●												●		●	○						58.1(22.5/35.6)	44.0/42.0	2.5	2.0		●	●					
Rear	135	233	●				○	○	○					●	●		●		●	○	●		○			52.4(33.0/19.4)	44.0/47.5	2.5	2.0		●	●	●				
	135	233	●				○	○	○					●			●		●	○	●		○			52.4(33.0/19.4)	44.0/47.5	2.5	2.0		●	●	●				
	135	230	○				●	○	○					●			●		●	○	●		○			52.4(33.0/19.4)	44.0/47.5	2.5	2.0		●	●	●	●			
	142	228	○				○	●	●					●			●		●	○	●		○			52.4(33.0/19.4)	44.0/47.5	2.5	2.0		●	●	●				
240s Disc brake IS																																					
Front	100	145	●	○										●	●		●		●							57.8(22.4/35.4)	58.0/42.0	2.5	2.0		●	●					
Front oversize	110	165	○	○	○	●									●		●		●							52.4(22.2/30.2)	58.0/52.0	2.5	2.0		●	●					
Rear	135	244	●				○	○	○					●			●		●	○	●		○			53.4(34.0/19.4)	57.0/47.4	2.5	2.0		●	●	●				
	135	242	○				●	○	○					●			●		●	○	●		○			53.4(34.0/19.4)	57.0/47.4	2.5	2.0		●	●	●	●			
	142	240	○				○	●	●					●			●		●	○	●		○			53.4(34.0/19.4)	57.0/47.4	2.5	2.0		●	●	●				
	150	275					●							●			●		●	○	●		○			53.0(26.5/26.5)	57.0/57.0	2.5	2.0		●	●	●				

● = Standard ○ = Option

* Weight without CL adapter or quick release or thru axle ** incl. washer for 10 speed *** for 240s CL front hub you will need the 15mm locking

HUBS 350 STRAIGHTPULL

Model	Width		Hub axle system								Spoke holes				Color		Disc mount		Rotor body system				Hub dimension				Technical data				Accessories						
	Built-in dimension [mm]	+/- 5% [g]*	5 mm Quick release	9 mm DT Swiss Thru bolt	15 mm Thru axle	20 mm Thru axle	10 mm DT Swiss Thru bolt	12 mm Thru axle	X-12 Thru axle	bolt on	16 holes	18 holes	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Shimano 11 Road**	Campagnolo 9 / 10 / 11	Sram MTB XD for XX1	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter		
350 Non disc																																					
Front	100	110	●										●				●								74.0(37.0/37.0)	26.2/26.2	2.5	2.0	●		●						
Rear road	130	264	●											●			●				●	●	○		49.1(33.3/15.8)	38.5/45.5	2.5	2.0		●	●	●					
350 Center lock®																																					
Front	100	151	●										●				●		●	○					56.7(21.4/35.3)	38.5/36.5	2.5	2.0		●	●						
	100	130		●									●				●		●	○					56.5(21.4/35.1)	38.5/36.5	2.5	2.0		●	●						
Rear	135	271	●			○	○	○					●				●		●	○	●		○		53.2(33.0/20.2)	38.5/45.5	2.5	2.0		●	●	●					
	142	267	○			○	●	●					●				●		●	○	●		○		53.2(33.0/20.2)	38.5/45.5	2.5	2.0		●	●	●					
350 Disc brake IS																																					
Front	110	239			●									●			●			●					54.2(22.4/31.8)	56.5/49.5	2.5	2.0		●	●						

● = Standard ○ = Option

* Weight without CL adapter or quick release or thru axle ** incl. washer for 10 speed

HUBS 350

Model	Width		Hub axle system								Spoke holes				Color		Disc mount		Rotor body system				Hub dimension				Technical data				Accessories							
	Built-in dimension [mm]	+/- 5% [g]*	5 mm Quick release	9 mm DT Swiss Thru bolt	15 mm Thru axle	20 mm Thru axle	10 mm DT Swiss Thru bolt	12 mm Thru axle	X-12 Thru axle	bolt on	16 holes	18 holes	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Shimano 11 Road**	Campagnolo 9 / 10 / 11	Sram MTB XD for XX1	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter			
350																																						
350 Non disc																																						
Front	100	149	●											●	●		●		●	○					74.8(37.4/37.4)	39.0/39.0	2.6	2.0	●	●	●							
Rear road	130	265	●											●	●		●		●	○	○	○			50.3(33.5/16.8)	46.0/46.0	2.6	2.0		●	●	●						
	130	252	●											●	●		●		●	○	○	●			50.3(33.5/16.8)	46.0/46.0	2.6	2.0		●	●	●						
Rear MTB	135	270	●											●	●		●		●	○	○	○			50.3(31.0/19.3)	46.0/46.0	2.6	2.0		●	●	●						
350 Center lock®																																						
Front	100	156	●											●	●		●		●	○					57.4(22.4/35.0)	44.0/42.0	2.6	2.0		●	●							
	100	136		●										●	●		●		●	○					57.4(22.4/35.0)	44.0/42.0	2.6	2.0		●	●							
Rear	135	272	●				○	○	○					●	●		●		●	○	●		○		53.2(33.0/20.2)	46.0/46.0	2.6	2.0		●	●	●						
	135	266	○				●	○	○					●	●		●		●	○	●		○		53.2(33.0/20.2)	46.0/46.0	2.6	2.0		●	●	●	●					
	135	265	○				○	●	○					●	●		●		●	○	●		○		53.2(33.0/20.2)	46.0/46.0	2.6	2.0		●	●	●						
	142	267	○				○	●	●					●	●		●		●	○	●		○		53.2(33.0/20.2)	46.0/46.0	2.6	2.0		●	●	●						
350 Disc brake IS																																						
Front	100	194	●											●	●		●		●	○					57.4(22.4/35.0)	58.0/52.0	2.6	2.0		●	●							
	100	172		●										●	●		●		●	○					57.4(22.4/35.0)	58.0/52.0	2.6	2.0		●	●							
	110	239			●									●	●		●		●	○					55.5(23.3/32.2)	58.0/58.0	2.6	2.0		●	●							
Rear	135	305	●				○	○	○					●	●		●		●	○	●		○		54.0(33.6/20.3)	58.0/52.0	2.6	2.0		●	●	●						
	142	300	○				○	●	●					●	●		●		●	○	●		○		54.0(33.6/20.3)	58.0/52.0	2.6	2.0		●	●	●						
	150	344					●							●	●		●		●	○	●		○		53.4(26.7/26.7)	58.0/58.0	2.6	2.0		●	●	●						

● = Standard ○ = Option

* Weight without CL adapter or quick release or thru axle ** incl. washer for 10 speed

HUBS 440 FREERIDE

Model	Width		Hub axle system										Spoke holes						Color		Disc mount		Rotor body system		Hub dimension				Technical data				Accessories	
	Built-in dimension [mm]	Weight +/- 5% [g]*	5 mm Quick release	9 mm DT Swiss Thru bolt	15 mm Thru axle	20 mm Thru axle	10 mm DT Swiss Thru bolt	12 mm Thru axle	X-12 Thru axle	bolt on	16 holes	18 holes	20 holes	24 holes	28 holes	32 holes	36 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Sram MTB XD for XX1	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter	
440 freeride																																		
440 Disc brake IS																																		
Front	110	204	○	○	○	●									●	●	●			●	●			52.4(22.15/30.25)	58.0/52.0	2.8	2.34		●	●				
Rear	150	359						●							●	●	●			●	○			52.3(26.15/26.15)	58.0/58.0	2.8	2.34		●	●	●			

● = Standard ○ = Option

* Weight without CL adapter or quick release or thru axle

HUBS 540 TANDEM

Model	Width		Weight		Hub axle system							Spoke holes				Color		Disc mount	Rotor body system		Hub dimension				Technical data			Accessories							
	Built-in dimension [mm]		+/- 5% [g]*		5 mm Quick release	9 mm DT Swiss Thru bolt	15 mm Thru axle	20 mm Thru axle	10 mm DT Swiss Thru bolt	12 mm Thru axle	X-12 Thru axle	bolt on	18 holes	20 holes	24 holes	28 holes	32 holes	36 holes	40 holes	Black	White	Center lock®	IS (6-bolt)	Shimano 9 / 10 and Sram 9 / 10	Sram MTB XD for XX1	Flange distance (L/R) [mm]	Pitch circle diameter (L/R) [mm]	Spoke hole ø [mm]	Optimized spoke ø [mm]	Spoke tension radial lacing max. 1000N	Spoke tension crossed max. 1200N	Axle clamping force (min./max) 4000N/8000N	Maintenance	RWS Ratchet wheelmounting system	Center lock® adapter
540 tandem	540 Disc brake IS																																		
Front	100	242	●													●	●	●			●	●			57.5(22.1/35.4)	60.0/60.0	2.8	2.34		●	●				
Rear	135	477	●													●	●	●			●	●	●		54.2(34.6/19.6)	60.0/60.0	2.8	2.34		●	●	●			
	145	510	●													●	●	●			●	●	●		49.2(24.6/24.6)	60.0/60.0	2.8	2.34		●	●	●			

● = Standard ○ = Option

* Weight without CL adapter or quick release or thru axle