



	Vigor Alpha Stealth	Vigor Alpha	Vigor Disc	Vigor	Vigor RS	Vigor ES	Vigor ES Disc	Vigor FX	Elan Alpha Stealth	Elan Alpha	Elan Disc	Elan	Elan ES	Elan ES Disc	Aspin	Echelon		
Wheel size	700c	700c	700c	700c	700c	700c	700c	700c	700c	700c	700c	700c	700c	700c	700c	700c		
Weight Set	1470g	1470g	1700g	1495g	1560g	1615g	1795g	1830g	1335g	1335g	1480g	1345g	1495g	1645g	1565g	1670g		
Weight FT	645g	645g	790g	660g	670g	700g	805g	855g	580g	580g	680g	585g	625g	750g	650g	705g		
Weight RR	825g	825g	910g	835g	890g	915g	990g	975g	755g	755g	800g	760g	870g	895g	915g	965g		
Spoke Count	14/16	14/16	20/20	14/16	16/20	16/20	24/24	16/20	20/20	20/20	20/20	20/20	20/24	24/24	20/24	16/20		
Spoke type	Bladed CX-Ray		Bladed CX-Speed	Bladed CX-Ray/ CX-Speed	Bladed CX- Speed			Bladed CX	Bladed CX-Ray		Round Laser		Round Laser/Race	Round Race		Bladed CX-Speed		
Rim Depth	31mm								22mm							31mm		
Max width	23mm					22mm					23mm			22mm				
Brake track width (ex)	23mm					22mm					23mm			22mm				
Brake track width (in)	18mm					17.5mm					18mm			17.5mm				
Rim Material	Alloy Clincher w/ Ballistic Armor (Made in the US)	Alloy Clincher (Made in the US)							Alloy Clincher w/ Ballistic Armor (Made in the US)	Alloy Clincher (Made in the US)								
Hubset	TdF6.0*	TdF5.5	XST	TdF4.4		TdF3.0	XR Road	Track	TdF6.0*	TdF5.5	XST	TdF4.4	XR Road	TdF3.0	TdF2.4			
Bearings	ABI Zer0 Ceramic		ABI Enduro Steel			Steel		ABI Enduro Steel	ABI Zer0 Ceramic		ABI Enduro Steel		Steel					
Freehub material	CNC Machined 6al4v Titanium					Forged 6061 T6 Alloy		n/a	CNC Machined 6al4v Titanium			Forged 6061 T6 Alloy						
Freehub Compatible	Shimano/SRAM/Campagnolo 10/11-Speed							Threaded freewheel/ fixed	Shimano/SRAM/Campagnolo 10/11-Speed									
Brake type	Rim		Center Lock	Rim		Center Lock	n/a	Rim		Center Lock	Rim		Center Lock	Rim				
Front hub Compatibility	9mm QR		15mm TA/ 9mm QR or 12mm TA		9mm QR		15mm TA/ 9mm QR or 12mm TA		n/a	9mm QR		15mm TA/ 9mm QR or 12mm TA		9mm QR		15mm TA/ 9mm QR or 12mm TA		
Rear hub Compatibility	130mm		135mm QR/ 142mm TA		130mm		135mm QR/ 142mm TA		120mm	130mm		135mm QR/ 142mm TA		130mm		135mm QR/ 142mm TA		
Available as PowerTap	Yes		No	Yes		No			Yes		No	Yes	No					
QR's	RP6.0 Internal		RP5.5 Internal			RP3.0 External	RP5.5 Internal		n/a	RP6.0 Internal		RP5.5 Internal		RP3.0 External	RP5.5 Internal		RP3.0 External	
Includes	Quick Release set & rim Strips							Frame bolts & rim strips	Quick Release set & rim Strips									

* with T2 high engagement