



	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		9mm QR	
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							
MSRP (US \$)	\$1,499	\$1,349	\$1,199	\$1,149	\$1,149	\$849	\$899	\$849	\$1,499	\$1,349	\$1,199	\$1,149	\$849	\$899	\$649	\$649

* with T2 high engagement