



CARBON i9

CARBON LOGO

RIMS & WHEELSETS	742	735	942	935	741	941	928	742	942	D30
Wheel Size	27.5"	27.5"	29"	29"	27.5"	29"	29"	27.5"	29"	700c
Outer Width (mm)	41	35	41	35	41	41	28	41	41	26
Inner Width (mm)	35	29	35	29	35	35	22	35	35	19
Rim Weight (g)	435	390	465	410	473	500	400	435	465	400
Rim Material	Toughened Hybrid Carbon	Toughened Hybrid Carbon	Toughened Hybrid Carbon	Toughened Hybrid Carbon	Carbon	Carbon	Carbon	Toughened Hybrid Carbon	Toughened Hybrid Carbon	Carbon
Drilling	32°	32°	32°	32°	32°	32°	32°	32°	32°	24°
Type	Tubeless	Tubeless	Tubeless	Tubeless	Tubeless	Tubeless	Tubeless	Tubeless	Tubeless	Tubeless
Wheelset Weight	1630	1540	1690	1590	1734	1768	1580	1668	1748	1504
Section Height	19.5	19.5	19.5	19.5	29.5	29.5	20	19.5	19.5	30
Spoke Offset (mm)	5	2.5	5	2.5	None	None	None	5	5	0
Spoke Length (mm)**	Front: 275 ND / 276 D Rear: 274 ND / 276 D	Front: 275 ND / 276 D Rear: 274 ND / 271 D	Front: 293 ND / 295 D Rear: 293 ND / 291 D	Front: 293 ND / 295 D Rear: 293 ND / 291 D	Front: 255 ND / 257 D Rear: 257 ND / 255 D	Front: 282 ND / 283 D Rear: 283 ND / 281 D	Front: 284 ND / 286 D Rear: 286 ND / 284 D	272 (All locations, front, rear, drive, non-drive)	291 (All locations, front, rear, drive, non-drive)	Front: 280 ND / 278 D Rear: 278 ND / 280 D
Spokes	Sapim CX-Ray	Sapim CX-Ray	Sapim CX-Ray	Sapim CX-Ray	Pillar DB 14/17	Pillar DB 14/17	Pillar DB 14/17	Sapim D-Light	Sapim D-Light	Sapim D-Light
Nipples	Sapim Double Square	Sapim Double Square	Sapim Double Square	Sapim Double Square	Sapim Double Square	Sapim Double Square	Sapim Polyax	Sapim Polyax	Sapim Polyax	Sapim Polyax
Cross	3	3	3	3	2	2	2	3	3	2
ERD (mm)*	562	563	602	600	542	583	602	560.6	598.6	583
Thru Axle Options (mm)	15x110 / 12x148	15x110 / 12x148	15x110 / 12x148	15x110 / 12x148	15x100 / 12x142	15x100 / 12x142	100 / 142	15x110 / 12x148	15x110 / 12x148	15x100 / 12x142
Features	5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	2.5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	2.5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	- Carbon Tool Free Tire Mounting	- Carbon Tool Free Tire Mounting	- Carbon Tool Free Tire Mounting	5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	5mm Asymmetric, High Impact Carbon, Tool Free Tire Mounting	Readily accepts tires from 23c to 42c
HUBS	742	735	942	935	741	941	928	742	942	D30
Brand	Industry Nine	Industry Nine	Industry Nine	Industry Nine	Ibis	Ibis	Ibis	Ibis	Ibis	Ibis
Freehub Mechanism	60T 6 Pawls Out of Phase	60T 6 Pawls Out of Phase	60T 6 Pawls Out of Phase	60T 6 Pawls Out of Phase	36T 4 Pawl	36T 4 Pawl	36T 4 Pawl	36T 4 Pawl	36T 4 Pawl	36T 4 Pawl
Freehub Engagement	3°	3°	3°	3°	10°	10°	10°	10°	10°	10°
Driver	XD or Shimano	XD or Shimano	XD or Shimano	XD or Shimano	XD or Shimano	XD or Shimano	XD or Shimano	XD or Shimano	XD or Shimano	XD or Shimano
Number of Bearings	4	4	4	4	4	4	4	4	4	4
Brand of Bearings	Enduro	Enduro	Enduro	Enduro	Enduro	Enduro	Enduro	Enduro	Enduro	Enduro
Disc Rotor Mount Type	Center Lock	Center Lock	Center Lock	Center Lock	6 Bolt	6 Bolt	6 Bolt	6 Bolt	6 Bolt	6 Bolt
WARRANTY/BUILD ORIGIN	742	735	942	935	741	941	928	742	942	D30
Rim Warranty	Lifetime No-Fault (LNF), 7 Years Defects in Material & Workmanship (MW)									
Hub Warranty	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years
Wheel Build	USA	USA	USA	USA	USA	USA	USA	Taiwan	Taiwan	Taiwan

* = All measured using Wheelsmith "Rim Rod" ERD sticks, p/n TL002, with 0.25mm nipple washers. **D = Drive Side, ND = Non-Drive side

SPECIFICATIONS SUBJECT TO CHANGE



ALUMINUM

RIMS & WHEELSETS	733	738	933	938	638 (Rim only)	S35 / 27.5	S35 / 29
Wheel Size	27.5"	27.5"	29"	29"	26"	27.5"	29"
Outer Width (mm)	33	38	33	38	38	39	39
Inner Width (mm)	29	34	29	34	34	35	35
Rim Weight (g)	400	526	490	565	500	525	560
Rim Material	6066 Aluminum	6066 Aluminum	6066 Aluminum	6066 Aluminum	6066 Aluminum	6061 Aluminum	6061 Aluminum
Drilling	32°	32°	32°	32°	32°	32°	32°
Type	Tubeless	Tubeless	Tubeless	Tubeless	Tubeless	Tubeless	Tubeless
Wheelset Weight	1593	1880	1825	1935	N/A	1810	1880
Section Height	19.5	19.5	19.5	19.5	19.5	18.3	18.35
Spoke Offset (mm)	2.5	5	2.5	5	5	5	5
Spoke Length (mm)**	273 (All locations, front, rear, drive, non-drive)	273 (All locations, front, rear, drive, non-drive)	292 (All locations, front, rear, drive, non-drive)	292 (All locations, front, rear, drive, non-drive)	N/A	274 (All locations, front, rear, drive, non-drive)	293 (All locations, front, rear, drive, non-drive)
Spokes	Pillar DB 14/15	Pillar DB 14/15	Pillar DB 14/15	Pillar DB 14/15	N/A	Sapim D-Light	Sapim D-Light
Nipples	Sapim Polyax	Sapim Polyax	Sapim Polyax	Sapim Polyax	N/A	Sapim Polyax / 14mm	Sapim Polyax / 14mm
Cross	3	3	3	3	3	3	3
ERD (mm)*	563	562	599	599	537	565	602
Thru Axle Options (mm)	15x100 / 12x142	15x110 / 12x148	15x110 / 12x148	15x110 / 12x148	N/A	15x110 / 12x148	15x110 / 12x148
Features	2.5mm Assymmetric Welded, Black Ano/Laser Engraved, Tool Free Tire Mounting	5mm Asymmetric Welded, Black Ano / Laser Engraved, Tool Free Tire Mounting	2.5mm Assymmetric Welded, Black Ano/Laser Engraved, Tool Free Tire Mounting	5mm Asymmetric Welded, Black Ano / Laser Engraved, Tool Free Tire Mounting	5mm Asymmetric Welded, - Tool Free Tire Mounting	5mm Asymmetric Welded, Stan's BST Patent, Max PSI 40	5mm Asymmetric Welded, Stan's BST Patent, Max PSI 40
HUBS	733	738	733	938	638 (Rim only)	S35 / 27.5	S35 / 29
Brand	Ibis	Ibis	Ibis	Ibis	N/A	Ibis	Ibis
Freehub Mechanism	36T 4 Pawl	36T 4 Pawl	36T 4 Pawl	36T 4 Pawl	N/A	36T 4 Pawl	36T 4 Pawl
Freehub Engagement	10°	10°	10°	10°	N/A	10°	10°
Driver	XD or Shimano	XD or Shimano	XD or Shimano	XD or Shimano	N/A	XD, Microspline, or Shimano HG	XD, Microspline, or Shimano HG
Number of Bearings	4	4	4	4	N/A	4	4
Brand of Bearings	Enduro	Enduro	Enduro	Enduro	N/A	Enduro	Enduro
Disc Rotor Mount Type	6 Bolt	6 Bolt	6 Bolt	6 Bolt	N/A	6 Bolt	6 Bolt
WARRANTY/BUILD ORIGIN	733	738	733	938	638 (Rim only)	S35 / 27.5	S35 / 29
Rim Warranty	Lifetime No-Fault (LNF), 7 Years Defects in Material & Workmanship (MW)						
Hub Warranty	2 Years	2 Years	2 Years	2 Years	N/A	2 Years	2 Years
Wheel Build	Taiwan	Taiwan	Taiwan	Taiwan	N/A	Taiwan	Taiwan

* = All measured using Wheelsmith "Rim Rod" ERD sticks, p/n TL002, with 0.25mm nipple washers. **D = Drive Side, ND = Non-Drive side

SPECIFICATIONS SUBJECT TO CHANGE