

Non-standard wheels in conformity with Article 1.3.018

Version on 23.07.2010

Article 1.3.018 relates only to mass start competitions.

In this type of events, the riders generally use standard (traditional) wheels which are clearly defined in Article 1.3.018. These wheels are authorised de facto.

However, during mass start competitions, certain riders do use non-standard wheels (rims higher than 2.5 cm, fewer than 16 spokes, spoke thicknesses of over 2.4 mm). If any of these conditions is noted, the wheel is deemed to be a non-standard wheel and must have passed a rupture test in order for it to be authorised for use in competition.

The manufacturers inform the UCI of the names of wheels which have been successfully tested. The names of these wheels are shown in the list below. The wheels can therefore be clearly identified. If this is not the case then the wheel is not authorised for use.

ADA

- Ada wheel - V Profile (50 mm) composite carbon aramid 20 spokes

ALI	ROHEAD		40	
-	Pro		16 spokes	
A				
AM	BROSIO			
-	Luster		24/28 spokes	
-	F28Comp		20/24 spokes	
-	X Carbo		28 spokes	
-	XUL		28 spokes	
-	XXL tubular	Zipp 360 rim	20/24 spokes	
-	XXL clincher	Zipp 505 rim	20/24 spokes	
-	Laserpro		20/24 spokes	
-	Theorema		16/20 spokes	

AMERICAN CLASSIC

- CR-420 18 spokes

- Carbon 38

Carbon 58

BIA	NCHI	
-	XL Levitation	16/24 spokes
-	XL Elevation	16/24 spokes

		'
Сам	PAGNOLO	
-	Neutron tubular/clincher	22 spokes
-	Neutron Ultra clincher	22 spokes
-	Hyperon	22 spokes
-	Khamsin clincher	24 spokes
-	Shamal Ultra tubular/clincher	16 spokes
-	Proton	22 spokes
-	Eurus WH02-EUCF	16 spokes
-	Eurus Carbon WH4-EUCFC	16 spokes
-	Eurus 2006 tubular/clincher	16 spokes
-	Bora	18 spokes
-	Scirocco G3 & Scirocco 2006 clincher	24 spokes
-	Zonda G4 & Zonda 2006 clincher	16 spokes
-	Zonda	18 spokes production stopped
-	Atlanta 96	28/32/36 spokes production stopped
-	Vento G3 & Vento 2006	24 spokes
-	Zonda	16 spokes

Equipment 1/8

CAR	ARBONSPORTS		20 analysa		
-	Light Weight by Carbonsports - V		20 spokes		
-	Lightweight Obermayer 12 Gen. I		12 spokes	production stopped	
-	Lightweight Obermayer 16 Gen. I		16 spokes	production stopped	
-	Lightweight Obermayer 20 Gen. I		20 spokes	production stopped	
-	Lightweight Standard 12 Gen. II		12 spokes	production stopped	
-	Lightweight Standard 16 Gen. II		16 spokes	production stopped	
-	Lightweight Standard 20 Gen. II		20 spokes	production stopped	
-	Lightweight Standard 16 Gen. III		16spokes		
Сіт	EC				
-	3000 aluminium		16 spokes		
-	Ultralite aluminium		20 spokes	production stopped	
-	Jet aluminium		16 spokes	production stopped	
_	3000 S Aero		14 spokes	,	
_	3000 S Aero Carbon		16 spokes		
_	6000 CX Carbon		12 spokes		
	COOC OX Garbon		12 opones		
Col					
-	Shuriken tubular		16/20 spokes		
Col	NAGO				
-	Star		18 spokes		
Cor	AERO tubular		19/24 anakas		
-			18/24 spokes		
-	AERO clincher		18/24 spokes		
-	AERO+ MCC tubular	50 mm rim	12 spokes		
-	WINIUM+ MCC tubular	28 mm rim	12 spokes		
-	Stevens Scorpo tubular		18/24 spokes		
-	Stevens Scorpo clincher		18/24 spokes		
DEC	ATHLON				
-	Penta Aero 20 clincher		20 spokes	production stopped	
			'		
DET		50			
-	M58 carbon	58 mm rim	20 spokes		
-	U38 carbon	38 mm rim	20 spokes		
-	U50 carbon	50 mm rim	20 spokes		
-	U60 carbon	60 mm rim	20 spokes		
-	U80 carbon	80 mm rim	20 spokes		
DIEF	91				
- -	Lightweight Carbon Fiber		20 spokes		
			_0 opo00		
DT :	Swiss		40		
-	RRC 1250 clincher		18 spokes		
-	RR 1850 clincher		20 spokes		
_	RRC 425F Tubular 32 (Reynolds	MV32 T UL)	20 spokes		
_	RRC 570F Clincher 32 (Reynolds		20 spokes		
_	RRC 445F Tubular 46 (Reynolds		16/20 spokes		
-	RRC 600F Clincher 46 (Reynolds				
-			16/20 spokes		
-	RRC 625F Tubular 66 (Reynolds	טט אטנ)	16 spokes		
Eas	TON				
-	EC90 Aero	56 mm rim	18/20 spokes		
-	EC90 SL	38 mm rim	18/24 spokes		
			,		
EDG	E COMPOSITES		40/00/04/00		
-	Carbon 68 / 65 tubular		16/20/24/28 sp		
-	Carbon 45		18/20/24/28 sp	ookes	

2/8 Equipment

	- D			
EDG	E DESIGN	20	20 analsaa	
-	Edge 38FC tubular	38 mm rim	20 spokes	
-	Edge 50FC tubular	50 mm rim	20 spokes	
-	Edge 58FC tubular	58 mm rim	20 spokes	
-	Edge 85FC tubular	85 mm rim	20 spokes	
-	Sidewinder 3.8	38 mm rim	20 spokes	
-	Sidewinder 8.5	85 mm rim	20 spokes	
Equ	INOX			
-	RT033-700C carbon	33 mm rim	20 spokes	
-	RT038-700C carbon	38 mm rim	20 spokes	
-	RT050-700C carbon	50 mm rim	20 spokes	
-	RT050C-700C carbon	50 mm rim	20 spokes	
-	WH051-700C Carbon	85 mm rim	20 spokes	
	VD (FAST FORWARD WHEELS)			
1 I V	F6		20/24 spokes	
_	F5 carbon	50 mm rim	20/24 spokes	
-				
-	F4 carbon	40 mm rim	24 spokes	
FIR				
-	Galaxium (carbon wings on spokes)		20 spokes	
-	Ra Antara		28 spokes	
-	Ra Antara		18 spokes	
-	Speed Lite		18/24/28 spokes	
FS/	A EUROPE			
_	K-Force Carbon tubular		20 spokes	
_	SLK Carbon	50 mm rim	20/24 spokes	
	CER Garbon	30 11111 11111	20/2+ 3poke3	
E				
FUL	CRUM			
FUL -	Racing Zero tubular/clincher		16 spokes	
FUL - -		ess	16 spokes 16 spokes	
FUL - -	Racing Zero tubular/clincher	ess		
FUL - - -	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele	ess	16 spokes	
FUL - - - -	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless	ess	16 spokes 16 spokes 16 spokes	
- - - - -	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher	ess	16 spokes 16 spokes 16 spokes 16 spokes	
- - - - - -	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes	
- - - - - -	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes	
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	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 20 spokes 22 spokes 18 spokes	
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	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 20 spokes 22 spokes 18 spokes	production stopped
-	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing FC tubular	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 20 spokes 22 spokes 18 spokes 18 spokes 18 spokes	production stopped
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-	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing FC tubular	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 20 spokes 22 spokes 18 spokes 18 spokes 18 spokes 18 spokes 24 spokes	production stopped
-	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing FC tubular EMME Grecal 28" Tecno Star 28" Tecno 024 Race 28" Fulcrum 28	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 20 spokes 22 spokes 18 spokes	production stopped
-	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing FC tubular EMME Grecal 28" Tecno Star 28" Tecno 024 Race 28" Fulcrum 28 Tecno 1.55	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 22 spokes 18 spokes 18 spokes 18 spokes 18 spokes 18 spokes 18 spokes 24 spokes 24 spokes 25 spokes 26 spokes 27 spokes 28 spokes 29 spokes	production stopped
-	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing FC tubular EMME Grecal 28" Tecno Star 28" Tecno 024 Race 28" Fulcrum 28 Tecno 1.55 Tecno 324	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 22 spokes 18 spokes 18 spokes 18 spokes 18 spokes 18 spokes 18 spokes 24 spokes 24 spokes 24 spokes 25 spokes 26 spokes 27 spokes 28 spokes 29 spokes 20 spokes 20 spokes 20 spokes	production stopped
-	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing FC tubular EMME Grecal 28" Tecno Star 28" Tecno 024 Race 28" Fulcrum 28 Tecno 1.55 Tecno 324 Tecno 716	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 22 spokes 18 spokes 18 spokes 18 spokes 18 spokes 18 spokes 24 spokes 24 spokes 24 spokes 26 spokes 27 spokes 28 spokes 29 spokes 29 spokes 20 spokes 20 spokes 20 spokes 21 spokes	production stopped
-	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing Speed XLR tubular Racing FC tubular	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 22 spokes 18 spokes 18 spokes 18 spokes 18 spokes 18 spokes 24 spokes 24 spokes 24 spokes 26 spokes 27 spokes 28 spokes 29 spokes 20 spokes 20 spokes 20 spokes	production stopped
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- - - - - - - - - - - - - - - - - - -	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing FC tubular EMME Grecal 28" Tecno Star 28" Tecno 024 Race 28" Fulcrum 28 Tecno 1.55 Tecno 324 Tecno 716 Carbon H4.0 Carbon H5.5 Phoenix	ess	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 20 spokes 22 spokes 18 spokes 18 spokes 18 spokes 18 spokes 24 spokes 24 spokes 24 spokes 26 spokes 27 spokes 29 spokes 20 spokes 20 spokes 20 spokes	production stopped
- - - - - - - - - - - - - - - - - - -	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing FC tubular EMME Grecal 28" Tecno Star 28" Tecno 024 Race 28" Fulcrum 28 Tecno 1.55 Tecno 324 Tecno 716 Carbon H4.0 Carbon H5.5 Phoenix		16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 22 spokes 18 spokes 18 spokes 18 spokes 18 spokes 24 spokes 24 spokes 24 spokes 26 spokes 27 spokes 29 spokes 20 spokes 20 spokes 20 spokes 20 spokes 20 spokes	production stopped
- - - - - - - - - - - - - - - - - - -	Racing Zero tubular/clincher Racing Zero 2-Way Fit clincher/tubele Racing 1 tubular/clincher Racing 1 2-Way Fit clincher/tubeless Racing 3 clincher Racing 5 clincher Racing 5 Evolution clincher Racing 7 clincher Racing Light tubular/clincher Racing Light XLR tubular Racing Speed tubular Racing Speed XLR tubular Racing FC tubular EMME Grecal 28" Tecno Star 28" Tecno 024 Race 28" Fulcrum 28 Tecno 1.55 Tecno 324 Tecno 716 Carbon H4.0 Carbon H5.5 Phoenix	50 mm rim 50 mm rim	16 spokes 16 spokes 16 spokes 16 spokes 24 spokes 20 spokes 20 spokes 22 spokes 18 spokes 18 spokes 18 spokes 18 spokes 24 spokes 24 spokes 24 spokes 26 spokes 27 spokes 29 spokes 20 spokes 20 spokes 20 spokes	production stopped

Equipment 3/8

HED				
-	ALPS 700C		18 spokes	
-	Stinger 4	46 mm rim	18/24 spokes	
-	Stinger 6	60 mm rim	18/24 spokes	
-	Stinger 9	90 mm rim	18/24 spokes	
-	Jet 6	63 mm rim	18/24/28 spoke	S
-	Jet 9	90 mm rim	18/24/28 spoke	S
-	Scorpio or Stinger 3		18 spokes	
	1 3		'	
KINL				
-	XKeymet KWS-C1		24 spokes	
-	XKeymet TB-25 tubular		24 spokes	
LITE				
-	T58 carbon tubular (Detec M58)	58 mm rim	20 spokes	
_	C38 carbon clincher (Detec U38)	38 mm rim	20 spokes	
_	C50 carbon clincher (Detec U50)	50 mm rim	20 spokes	
_	C80 carbon clincher (Detec U80)	80 mm rim	20 spokes	
-	Coo carbon clinicilei (Detec 000)	00 11111 11111	zu spokes	
MAR	CHISIO			
-	Tetragon		16 spokes	production stopped
-	Zefir		16 spokes	
-	Tension		20 spokes	
-	Solida		28 spokes	
-	Carbozefir / T800	38 mm rim	20 spokes	
MAT				
-	T38 carbon tubular	38 mm rim	20 spokes	
-	T50 carbon tubular	50 mm rim	20 spokes	
-	T60 carbon tubular	60 mm rim	20 spokes	
-	Cosmic Carbone Pro, SL, SL Premiu Cosmic Carbone 80 SSC 2010 Ksyrium SSC Ksyrium SSC SL Ksyrium SSC SL2 Ksyrium SSC SL TdF Ksyrium Equipe, SL, ELITE, ES Ksyrium SL Premium Ksyrium SL "10ème anniversaire" clir R-SYS SL tubular/clincher R-SYS Premium clincher R-SYS Ultimate tubular R-SYS Lab ISM 3D K10		16/20 spokes 18/20 spokes 18/20 spokes 18/20 spokes 18/20 spokes 18/20 spokes 18/20 spokes 16/20 spokes 16/20 spokes 16/20 spokes 16/20 spokes 16/20 spokes 16/20 spokes	production stopped production stopped production stopped production stopped production stopped production stopped production stopped
MAX	-WHEEL			
-	Unlimited Speed	50 mm rim	20 spokes	
MER	CURY			
-	M3 (Edge Design Edge 38FC)	38 mm rim	20 spokes	
-	M5 (Edge Design Edge 58FC)	58 mm rim	20 spokes	
-	M9 (Edge Design Edge 85FC)	85 mm rim	20 spokes	
_	M3 (Edge Design Sidewinder 3.8)	38 mm rim	20 spokes	
_	M8 (Edge Design Sidewinder 8.5)	85 mm rim	20 spokes	
	(Eago Dooigii Oldowiildoi 0.0)	50 11111 11111	20 000000	
MICH			2.1/2	
-	Radial tubular	Zipp 303 rim	24/28 spokes	
-	Radial		20/28 spokes	
-	Supertype tubular	Zipp 404 rim	24/28 spokes	
-	Supertype clincher	Zipp 404 rim	24/28 spokes	
Equip	ment			4/8

Equipment 4/8

WH-RS20-A

Zipp 365 and 280 rims

SWR Carbon

18 spokes

NEU	GENT	
-	Neuvation M28 Aero	16 spokes
Muse	CON MITCHPIONI ON CORPORATION	
NIP	PON MITSUBISHI OIL CORPORATION	40 analysis
-	Nisseki Carbon Wheel AM27	18 spokes
Doo	. Line	
PRO	-LITE	00 and a
-	Gavia	20 spokes
-	Vicenza	20 spokes
Dno	2005	
PRO	RACE Shooters CW051 carbon 51 mm rim	20/24 anakaa
-	Shoolers Cwoor carbon 51 mm mm	20/24 spokes
Dev	NOLDS	
KEY	DV46T (Stratus DV)	16/20 anakaa
-		16/20 spokes
-	DV46T Assault/Cross/Track	16/20 spokes
-	DV46UL (Stratus DV UL Carbon)	16/20 spokes
-	DV46T UL	16/20 spokes
-	DV46C (Stratus DV Carbon)	16/20 spokes
-	DV46C UL/Assault	16/20 spokes
-	MV32T (Cirro MV)	20 spokes
-	MV32T UL	20 spokes
-	MV32C (Cirro MV clincher)	20 spokes
-	MV32C UL/Attack	20 spokes
-	SDV 66 tubular	16 spokes
-	Solitude 700 C clincher	20 spokes
RITC		
-	WCS Protocol Road	16 spokes
-	Pro DS Road	20 spokes
-	Comp DS Road	20 spokes
-	Velomax Circuit	production stopped
	0 0	10/00
-	Superlogic Carbon Tubular 46 (Reynolds DV46T UL)	16/20 spokes
-	Superlogic Carbon Clincher 46 (Reynolds DV46C UL)	16/20 spokes
Dat	- Pour	
ROL	F PRIMA	4.4 en else e
-	Vigor	14 spokes
-	Echelon	16 spokes
-	Carbon TdF 38	14 spokes
-	Carbon TdF 58	12 spokes
SHIIN	MANO	
ЭПІК	WH-R535 clincher (black/silver)	16 spokes production stopped
-		· · · · · · · · · · · · · · · · · · ·
-	WH-540 clincher (black)	16 spokes production stopped
-	WH-6500 clincher (silver)	16 spokes production stopped
-	WH-7700 tubular/clincher (dark green)	16 spokes production stopped
-	WH-7700 CFRP tubular (black)	16 spokes production stopped
-	WH-7701 tubular/clincher (black)	16 spokes production stopped
-	WH-7701 CFRP tubular (black)	16 spokes production stopped
-	WH-7800 + WH 7801 tubular/clincher (silver) Dura Ace	
-	WH-7800 + WH 7801 CFRP tubular (silver) Dura Ace	16/20/24 spokes production stopped
-	WH-7800 SL + WH 7801 tubular (black) Dura Ace	16/20 spokes production stopped
-	WH-7850-C50-CL	16 spokes
-	WH-7850-C50-TU	16 spokes
-	WH-RS 30	16 spokes
-	WH-7850-C75-TU	12 spokes
-	WH-7850-C35-TU	16 spokes
-	WH-7900-C35-TU	16 spokes

Equipment 5/8

16 spokes

_	WH-RS30-A		16 spokes		
_	PRO RC50 High Profile Carbon clind	cher	24 spokes		
-	PRO RC50 High Profile Carbon tubu		24 spokes		
SPIN	IERGY				
-	SRX (2B02)		20/28 spokes		
-	SR3 (2S02)		20/28 spokes		
-	X Aero (PRI-FC-111)		16/20 spokes		
-	X Aero Lite (2L02)		18/20 spokes		
-	X Aero Carbon		16/20 spokes		
Sun	NY CROWN ENTERPRISE				
-	CKT Splendor Carbone		16/18 spokes		
-	CKT Aurora Carbon		16 spokes		
Тно	RIUS		10/00		
-	SHADO Carbon clincher		16/20 spokes		
-	SHADO Carbon tubular		16/20 spokes		
-	N'ERA		24 spokes		
Ток					
-	C30A		20 spokes		
-	T50		20 spokes		
-	T38		20/24 spokes		
-	C50		20/24 spokes		
Тор	OLINO				
-	Revelation		24 spokes		
TRE	k				
-	Bontrager Aeolus 9.0 (XXX-lite Aero	90)	16 spokes		
_	Bontrager Aeolus 6.5 (XXX-lite Aero		16 spokes		
_	Bontrager Aeolus 5.0 Tubular	00)	16 spokes		
_	Bontrager Aeolus 5.0 ACC Clincher		16 spokes		
_	Bontrager Aeolus 5.0 SE Carbon Tu	hular	18 spokes		
	Bontrager Race X-lite Aero Tubular	Dulai	16 spokes	production stopped	
_	Bontrager Race X-lite Carbon Aero	Tubular	16 spokes	production stopped	
	Bontrager Race X-lite Tubular	I dibalal	20/24 spokes	production stopped	
	Bontrager Race X-lite Clincher		20/24 spokes	production stopped	
_	Bontrager Race Lite Tubular		20/24 spokes	production stopped	
	Bontrager Race Lite Aero Clincher		20/24 spokes	production stopped	
-	Vector Comp (Rolf)		20 spokes	production standad	
_	Vector Pro (Rolf)		14 spokes	production stopped production stopped	
				production on opposite	
TUF			00 1		
-	Cyclone Energy		20 spokes		
URS					
-	Miura C58	58 mm rim	20/24 spokes		
Visi	ON				
-	TriMaxPro Special Series Aluminium		20 spokes		
-	TriMax Carbon	50 mm rime	20/24 spokes		
VUE	ΙΤΔ				
- -	XRP III Silver		24 spokes		
_	Xlite		20 spokes		
-	Carbon Pro		12 spokes		
VZA			20 analysa		
-	Futura		20 spokes		
- 	Concept Road		20 spokes		6/9
⊢ au iir	ameni				ر:\O

Equipment 6/8

XEF	RO			
-	XR-1F		16 spokes	
ZIP	P SPEED WEAPONRY			
-	303 Z3 Tubular	Zipp 280 rim	18/21 spokes	production stopped
-	303 Tubular 650c	Zipp 245 rim		
-	303 Tubular 700c	• •		
-	303 Clincher	Zipp 415 rim	18 spokes	
-	303 Clincher 650c	Zipp 370 rim	18 spokes	
-	404 Z4 Tubular	Zipp 360 rim	18/21 spokes	production stopped
-	404 Tubular 650c	Zipp 330 rim		
-	404 Tubular 700c			
-	404 Clincher	Zipp 505 rim	18 spokes	
-	404 Clincher 650c	Zipp 460 rim		
-	808 Tubular	Zipp 420 rim	18 spokes	
-	808 Clincher	Zipp 420 rim		
-	Velomax Tempest II			production stopped
-	SRAM S30 AL Sprint	30 mm rim	18/20 spokes	
-	SRAM S40 Clincher	Zipp 415 rim	·	
-	SRAM S60 Clincher	Zipp 505 rim		
-	SRAM S80 Clincher	Zipp 520 rim		
_	FlashPoint 40	Zipp 415 rim		
_	FlashPoint 60	Zipp 505 rim		
-	FlashPoint 80	Zipp 520 rim		
		' '		
Zzy	ZX			
-	Race Attack 58 (Detec M58)	58 mm rim	20 spokes	
-	Race Attack 38 (Detec U38)	38 mm rim	20 spokes	
-	Race Attack 60 (Detec U60)	60 mm rim	20 spokes	
-	Race Attack 80 (Detec U80)	80 mm rim	20 spokes	

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NON-STANDARD WHEELS IN CONFORMITY WITH ARTICLE 1.3.018

1.3.018

Wheels of the bicycle may vary in diameter between 70 cm maximum and 55 cm minimum, including the tyre. For the cyclo-cross bicycle the width of the tyre shall not exceed 35 mm and it may not incorporate any form of spike or stud.

For mass start competitions in the disciplines road and cyclo-cross, only wheel designs granted prior approval by the UCI may be used. Wheels shall have at least 12 spokes; spokes can be round, flattened or oval, as far as no dimension of their sections exceeds 10 mm. In order to be granted approval wheels must have passed a rupture test as prescribed by the UCI in a laboratory approved by the UCI. The test results must show that the rupture characteristics obtained are compatible with those resulting from an impact sustained during normal use of the wheel. The following criteria must be fulfilled:

- On impact, no element of the wheel may become detached and be expelled outwards.
- The rupture must not present any shattered or broken off elements, or any sharp or serrated surfaces that could harm the user, other riders and/or third parties.
- The rupture characteristics must not cause the hub to become separated from the rim in such a way that the wheel becomes detached from the forks.

Without prejudice to the tests imposed by the laws, regulations or customs, standard (traditional) wheels are exempted from the rupture test referred to above. A traditional wheel is deemed to be a wheel with at least 16 metal spokes; the spokes may be round, flat or oval, provided that no dimension of their cross sections exceeds 2.4 mm; the section of the rim must not exceed 2.5 cm on each side.

Notwithstanding this article, the choice and use of wheels remains subject to Articles 1.3.001 to 1.3.003.

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