



CAMPAGNOLO WHEELS (2013 product range)

Wheel	Codes	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
BORA ONE (TB)	WH12-BO..... WH13-BO...X11....	265	90-110	0,40 - 0,55	front
		263,5	110-130	0,55 - 0,73	rear right
		266	70-90	0,17 - 0,40	rear left
BORA ULTRA TWO (TB)	WH9-BOT..... WH12-BOT..... WH13-BOT...X1....	265	90-110	0,40 - 0,55	front
		263,5	110-130	0,55 - 0,73	rear right
		266	70-90	0,17 - 0,40	rear left
BORA ULTRA 80 (TB)	WH12-BOT... WH13-BOT.....	231	90-110	0,40 - 0,55	front
		237,5	110-135	0,55 - 0,75	rear right
		233	65-85	0,16 - 0,38	rear left
Hyperon One (CP) /Hyperon Ultra Two (CP)	WH9-HY...WH10-HY... WH13-HY...	290	70-90	0,15 - 0,40	front
		291	120 - 140	0,65 - 0,84	rear right
		290	50 - 70	0,12 - 0,15	rear left
Hyperon Ultra Two (TB)	WH9-HYTFR WH9-HYTFRX1	290	70-90	0,15 - 0,40	front
		291	110 - 130	0,65 - 0,84	rear right
		290	50 - 70	0,12 - 0,15	rear left
Neutron Ultra	WH7-NEC..... WH13-NEC.....	293	70-90	0,45 - 0,67	front
		292	120 - 140	0,93 - 1,10	rear right
		294,2	50 - 70	0,15 - 0,45	rear left
Shamal Ultra (CP)	WH12-SH..... WH13-SH.....	279,2	110 - 130	1,45 - 1,60	front
		275,2	120 - 150	1,60 - 1,75	rear right
		279,2	75 - 95	1,25 - 1,45	rear left
Shamal Ultra (2WF-TB)	WH12-SH..... WH13-SH.....	279,2	110 - 130	1,45 - 1,60	front
		276,5	125 - 160	1,56 - 1,69	rear right
		279,2	90 - 110	1,25 - 1,45	rear left
CP	Clincher		TB	Tubolar	
WORDS IN RED	updated or new wheel 2013 range		2WF	Two-way fit	



CAMPAGNOLO WHEELS (2013 product range)

Wheel	Codes	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
Eurus (CP-2WF)	WH12-EU.... WH13-EU.....	279,2	110 - 130	1,45 - 1,60	front
		279,2	125-160	1,56 - 1,69	rear right
		276,5	90 - 110	1,25 - 1,45	rear left
Zonda (CP-2WF)	WH13-ZO.....	281,5	90 - 130		front
		278	120-140	0,45 - 0,68	rear right
		279	90 - 110	0,75 - 0,90	rear left
Vento Reaction	WH10-VEC... WH12-VEC.....	273/276	70 - 90/ 90 - 110	1,08 - 1,24/ 1,24 - 1,42	front
		282	80 - 110	1,15 - 1,42	rear right
		268/280	70 - 90	1,08 - 1,24	rear left
Khamstim (CP)/CX	WH11-KH..... WH12-KH.....	281,5	100 - 130	2,20 - 2,45	front
		284	105 - 135	2,25 - 2,47	rear right
		284	70 - 95	1,85 - 2,15	rear left
SCIROCCO H35/CX	WH13-SCCF...	273	110 - 130	0,58 - 0,75	front
		271.5	120-150	0,66 - 0,88	rear right
		274.5	80-100	0,30 - 0,50	rear left
CP	Clincher		TB	Tubolar	
WORDS IN RED	updated or new wheel 2013 range		2WF	Two-way fit	



CAMPAGNOLO WHEELS (2013 product range)

Wheel	Codes	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
Bullet H50	WH12-BU..... WH13-BU.....X1	259,5	90 - 110	0,35 - 0,55	front
		261,5	100 - 125	0,45 - 0,68	rear right
		262,5	65 - 85	0,14 - 0,33	rear left
Bullet H80	WH12-BU...80.... WH13-BU...80....X1	231	90 - 110	0,35 - 0,55	front
		237	110 - 135	0,45 - 0,68	rear right
		233	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H50	WH12-BUU..... WH13- BUU...X1.....	259,5	90 - 110	0,35 - 0,55	front
		261,5	100 - 125	0,45 - 0,68	rear right
		262,5	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H80	WH12-BUU...80.. WH13-BUU..80...X1..	231	90 - 110	0,35 - 0,55	front
		237	110 - 135	0,45 - 0,68	rear right
		233	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H105	WH12-BUU...105.. WH13-BUU..105...X1..	207	90 - 110	0,35 - 0,55	front
		211.5	110-135	0,45 - 0,68	rear right
		208.5	65-85	0,14 - 0,33	rear left
CP	Clincher	TB	Tubolar		
WORDS IN RED	updated or new wheel 2013 range	2WF	Two-way fit		



CAMPAGNOLO wheels (2014 range)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
BORA ONE (TB)	WH12-BO..... WH13-BO...X11....	Aero Ø2,2/2/1,5/2	265	90-110	0,40 - 0,55	front
		Aero Ø2/1,5/2	263,5	110-130	0,55 - 0,73	rear right
		Aero Ø2,2/2/1,5/2	266	70-90	0,17 - 0,40	rear left
BORA ULTRA TWO (TB)	WH9-BOT..... WH12-BOT..... WH13 BOT....X1....	Aero Ø2/1,5/2	265	90-110	0,40 - 0,55	front
		Aero Ø2/1,5/2	263,5	110-130	0,55 - 0,73	rear right
		Aero Ø2/1,5/2	266	70-90	0,17 - 0,40	rear left
BORA ULTRA 80 (TB)	WH12-BOT...80... WH13-BOT...80..	Aero Ø2,2/2/1,6/2	231	90-110	0,40 - 0,55	front
		Aero Ø2/1,8/2	237,5	110-135	0,55 - 0,75	rear right
		Aero Ø2,2/2/1,6/2	233	65-85	0,16 - 0,38	rear left
Hyperon Ultra Two (CP)	WH9-HY... WH10-HY... WH13-HY...	Aero Ø2/1,5/2	290	70 - 90	0,15 - 0,40	front/rear right
		Aero Ø2/1,5/2	290	120 - 140	0,61 - 0,73	rear left
		Ø2	291	50 - 70	0,12 - 0,15	rear left
Hyperon Ultra Two (TB)	WH9-HYTFR WH9-HYTFRX1	Aero Ø2/1,5/2	294,5	70-90	0,15 - 0,40	front
		Aero Ø2/1,5/2	295	110 - 130	0,65 - 0,84	rear right
		Aero Ø2/1,5/2	294,5	50 - 70	0,12 - 0,15	rear left
Neutron Ultra	WH7-NEC..... WH13-NEC.....	Aero Ø2/1,5/2	293	70-90	0,45 - 0,67	front
		Aero Ø2/1,8/2	292	120 - 140	0,93 - 1,10	rear right
		Aero Ø2/1,5/2	294,2	50 - 70	0,15 - 0,45	rear left
Shamal Ultra (CP)	WH12-SH..... WH13-SH.....	Aero Ø3,5/2,6/3,5	279,2	110 - 130	1,45 - 1,60	front
		Aero Ø3,5/2,6/3,5	275,2	120 - 150	1,60 - 1,75	rear right
		Aero Ø3,5/2,6/3,5	279,2	75 - 95	1,25 - 1,45	rear left
Shamal Ultra (2WF-TB)	WH12-SH..... WH13-SH.....	Aero Ø3,5/2,6/3,5	279,2	110 - 130	1,45 - 1,60	front
		Aero Ø3,5/2,6/3,5	276,5	125 - 160	1,56 - 1,69	rear right
		Aero Ø3,5/2,6/3,5	279,2	90 - 110	1,25 - 1,45	rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2014 range			2WF	Two-way fit	



CAMPAGNOLO wheels (2014 range)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
Eurus (CP-2WF)	WH12-EU.... WH13-EU.....	Aero $\emptyset 3,5/2,6/3,5$	279,2	110 - 130	1,45 - 1,60	front
		Aero $\emptyset 3,5/2,6/3,5$	279,2	125-160	1,56 - 1,69	rear right
		Aero $\emptyset 3,5/2,6/3,5$	276,5	90 - 110	1,25 - 1,45	rear left
Zonda (CP-2WF)	WH13-ZO.....	Aero $\emptyset 2,2/2/1,6/2$	281,5	90 - 130	0,45 - 0,77	front
		Aero $\emptyset 2/1,8/2$	278	120-140	0,67 - 0,80	rear right
		Aero $\emptyset 2,2/2/1,6/2$	279	90 - 110	0,45 - 0,60	rear left
Vento Asymmetric/CX (CP)	WH14-VEC.....	Aero $\emptyset 2/1,6/2$	280,5	100 - 130	0,50 - 0,73	front
		Aero $\emptyset 2/1,6/2$	279	130 - 160	0,73 - 0,92	rear right
		Aero $\emptyset 2/1,6/2$	278	65 - 95	0,15 - 0,47	rear left
Vento Asymmetric G3 (CP)	WH14-VEC.....G3	-	-	-	-	front
		Aero $\emptyset 2/1,6/2$	280,5	105 - 135	0,55 - 0,77	rear right
		Aero $\emptyset 2/1,6/2$	279,5	85 - 110	0,37 - 0,58	rear left
SCIROCCO H35/CX	WH13-SCCF...	Aero $\emptyset 2,2/2/1,6/2$	273	110 - 130	0,58 - 0,75	front
		Aero $\emptyset 2,2/2/1,6/2$	271,5	120-150	0,66 - 0,88	rear right
		Aero $\emptyset 2,2/2/1,6/2$	274,5	80-100	0,30 - 0,50	rear left
BORA ONE 35 (TB)	WH14-BO..35...	Aero $\emptyset 2,2/2/1,5/2$	275	90 - 110	0,40 - 0,55	front
		Aero $\emptyset 2/1,5/2$	275	100 - 125	0,48 - 0,70	rear right
		Aero $\emptyset 2,2/2/1,5/2$	276,5	70 - 95	0,17 - 0,44	rear left
BORA ULTRA 35 (TB)	WH14-BOT..35..	Aero $\emptyset 2,2/2/1,5/2$	275	90 - 110	0,40 - 0,55	front
		Aero $\emptyset 2/1,5/2$	275	100 - 125	0,48 - 0,70	rear right
		Aero $\emptyset 2,2/2/1,5/2$	276,5	70 - 95	0,17 - 0,44	rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2014 range			2WF	Two-way fit	



CAMPAGNOLO wheels (2014 range)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
KhamSIM Asymmetric (CP)	WH14-KH.....	∅2	281,5	100 - 130	2,20 - 2,42	front
		∅2 curve	284	130 - 160	2,42 - 2,60	rear right
		∅2	277,5	65 - 95	1,75 - 2,15	rear left
KhamSIM Asymmetric G3 (CP)	WH14-KH.....G3		-	-	-	front
		∅2 curve	284	105 - 135	2,25 - 2,45	rear right
		∅2	278,5	85 - 110	2,05 - 2,29	rear left
Bullet H50	WH12-BU..... WH13-BU.....X1	Aero ∅2,2/2/1,5/2	259,5	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,5/2	261,5	100 - 125	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,5/2	262,5	65 - 85	0,14 - 0,33	rear left
Bullet H80	WH12-BU...80.... WH13-BU...80....X1	Aero ∅2,2/2/1,6/2	231	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,8/2	237	110 - 135	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,6/2	233	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H50	WH12-BUU..... WH13- BUU...X1.....	Aero ∅2,2/2/1,5/2	259,5	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,5/2	261,5	100 - 125	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,5/2	262,5	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H80	WH12-BUU...80.. WH13-BUU..80...X1..	Aero ∅2,2/2/1,6/2	231	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,8/2	237	110 - 135	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,6/2	233	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H105	WH12-BUU...105.. WH13-BUU..105...X1..	Aero ∅2,2/2/1,6/2	207	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,8/2	211,5	110-135	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,6/2	208,5	65-85	0,14 - 0,33	rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2014 range			2WF	Two-way fit	



CAMPAGNOLO wheels (2015 - 2016 range)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
BORA ONE (TB/CP)	WH15-BOT..... WH15-BOC...	Aero $\emptyset 2,2/2/1,5/2$	262,5	90-115	0,40 - 0,61	front
		Aero $\emptyset 2/1,5/2$	261,5	100-125	0,51 - 0,69	rear right
		Aero $\emptyset 2,2/2/1,5/2$	262,5	70-90	0,17 - 0,40	rear left
BORA ULTRA (TB/CP)	WH15-BOT..... WH15-BOC...	Aero $\emptyset 2,2/2/1,5/2$	262,5	90-115	0,40 - 0,61	front
		Aero $\emptyset 2/1,5/2$	261,5	100-125	0,51 - 0,69	rear right
		Aero $\emptyset 2,2/2/1,5/2$	262,5	70-90	0,17 - 0,40	rear left
BORA ULTRA 80 (TB)	WH12-BOT...80... WH13-BOT...80..	Aero $\emptyset 2,2/2/1,6/2$	231	90-110	0,40 - 0,55	front
		Aero $\emptyset 2/1,8/2$	237,5	110-135	0,55 - 0,75	rear right
		Aero $\emptyset 2,2/2/1,6/2$	233	65-85	0,16 - 0,38	rear left
Hyperon Ultra Two (CP)	WH9-HY... WH10-HY... WH13-HY...	Aero $\emptyset 2/1,5/2$	290	70 - 90	0,15 - 0,40	front/rear right
		Aero $\emptyset 2/1,5/2$	290	120 - 140	0,61 - 0,73	rear left
		$\emptyset 2$	291	50 - 70	0,12 - 0,15	rear left
Hyperon Ultra Two (TB)	WH9-HYTFR WH9-HYTFRX1	Aero $\emptyset 2/1,5/2$	294,5	70-90	0,15 - 0,40	front
		Aero $\emptyset 2/1,5/2$	295	110 - 130	0,65 - 0,84	rear right
		Aero $\emptyset 2/1,5/2$	294,5	50 - 70	0,12 - 0,15	rear left
Neutron Ultra	WH7-NEC..... WH13-NEC.....	Aero $\emptyset 2/1,5/2$	293	70-90	0,45 - 0,67	front
		Aero $\emptyset 2/1,8/2$	292	120 - 140	0,93 - 1,10	rear right
		Aero $\emptyset 2/1,5/2$	294,2	50 - 70	0,15 - 0,45	rear left
Shamal Ultra/Mille (CP)	WH12-SH..... WH13-SH..... WH15-SHC.....	Aero $\emptyset 3,5/2,6/3,5$	279,2	110 - 130	1,45 - 1,60	front
		Aero $\emptyset 3,5/2,6/3,5$	275,2	120 - 150	1,60 - 1,75	rear right
		Aero $\emptyset 3,5/2,6/3,5$	279,2	75 - 95	1,25 - 1,45	rear left
Shamal Ultra (2WF-TB)	WH12-SH..... WH13-SH.....	Aero $\emptyset 3,5/2,6/3,5$	279,2	110 - 130	1,45 - 1,60	front
		Aero $\emptyset 3,5/2,6/3,5$	276,5	125 - 160	1,56 - 1,69	rear right
		Aero $\emptyset 3,5/2,6/3,5$	279,2	90 - 110	1,25 - 1,45	rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2015 Vs 2014 (no modifications introduced in 2016 range)			2WF	Two-way fit	



CAMPAGNOLO wheels (2015 - 2016 range)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
Eurus (CP-2WF)	WH12-EU.... WH13-EU.....	Aero Ø3,5/2,6/3,5	279,2	110 - 130	1,45 - 1,60	front
		Aero Ø3,5/2,6/3,5	279,2	125-160	1,56 - 1,69	rear right
		Aero Ø3,5/2,6/3,5	276,5	90 - 110	1,25 - 1,45	rear left
Zonda (CP-2WF)	WH13-ZO.....	Aero Ø2,2/2/1,6/2	281,5	90 - 130	0,45 - 0,77	front
		Aero Ø2/1,8/2	278	120-140	0,67 - 0,80	rear right
		Aero Ø2,2/2/1,6/2	279	90 - 110	0,45 - 0,60	rear left
Vento Asymmetric/CX (CP)	WH14-VEC.....	Aero Ø2/1,6/2	280,5	100 - 130	0,50 - 0,73	front/rear right
		Aero Ø2/1,6/2	279	130 - 160	0,73 - 0,92	rear left
		Aero Ø2/1,6/2	278	65 - 95	0,15 - 0,47	rear left
Vento Asymmetric G3 (CP)	WH14-VEC.....G3	-	-	-	-	front
		Aero Ø2/1,6/2	280,5	105 - 135	0,55 - 0,77	rear right
		Aero Ø2/1,6/2	279,5	85 - 110	0,37 - 0,58	rear left
SCIROCCO H35/CX	WH13-SCCF...	Aero Ø2,2/2/1,6/2	273	110 - 130	0,58 - 0,75	front
		Aero Ø2,2/2/1,6/2	271.5	120-150	0,66 - 0,88	rear right
		Aero Ø2,2/2/1,6/2	274.5	80-100	0,30 - 0,50	rear left
BORA ONE 35 (TB/CP)	WH15-BOT..135... WH15-BOC.....135...	Aero Ø2,2/2/1,5/2	276,5	90 - 115	0,40 - 0,61	front
		Aero Ø2/1,5/2	275	100 - 125	0,48 - 0,70	rear right
		Aero Ø2,2/2/1,5/2	276,5	70 - 90	0,17 - 0,40	rear left
BORA ULTRA 35 (TB/CP)	WH15-BOT..135... WH15-BOC.....135...	Aero Ø2,2/2/1,5/2	276,5	90 - 115	0,40 - 0,61	front
		Aero Ø2/1,5/2	275	100 - 125	0,48 - 0,70	rear right
		Aero Ø2,2/2/1,5/2	276,5	70 - 90	0,17 - 0,40	rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2015 Vs 2014 (no modifications introduced in 2016 range)			2WF	Two-way fit	



CAMPAGNOLO wheels (2015 - 2016 range)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
Khamsim Asymmetric (CP)	WH14-KH.....	∅2	281,5	100 - 130	2,20 - 2,42	front
		∅2 curve	284	130 - 160	2,42 - 2,60	rear right
		∅2	277,5	65 - 95	1,75 - 2,15	rear left
Khamsim Asymmetric G3 (CP)	WH14-KH.....G3	-	-	-	-	front
		∅2 curve	284	105 - 135	2,25 - 2,45	rear right
		∅2	278,5	85 - 110	2,05 - 2,29	rear left
Bullet H50	WH12-BU..... WH13-BU.....X1	Aero ∅2,2/2/1,5/2	259,5	90 - 110	0,35 - 0,55	front/rear right
		Aero ∅2/1,5/2	261,5	100 - 125	0,45 - 0,68	rear left
		Aero ∅2,2/2/1,5/2	262,5	65 - 85	0,14 - 0,33	rear left
Bullet H80	WH12-BU...80.... WH13-BU...80....X1	Aero ∅2,2/2/1,6/2	231	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,8/2	237	110 - 135	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,6/2	233	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H50	WH12-BUU..... WH13- BUU...X1.....	Aero ∅2,2/2/1,5/2	259,5	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,5/2	261,5	100 - 125	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,5/2	262,5	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H80	WH12-BUU...80.. WH13-BUU...80...X1..	Aero ∅2,2/2/1,6/2	231	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,8/2	237	110 - 135	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,6/2	233	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H105	WH12-BUU...105.. WH13-BUU..105...X1..	Aero ∅2,2/2/1,6/2	207	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,8/2	211,5	110-135	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,6/2	208,5	65-85	0,14 - 0,33	rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2015 Vs 2014 (no modifications introduced in 2016 range)			2WF	Two-way fit	

NIPPLES

Wheel	kind of section /mm	tool
Khamsin Asym/Zonda	squared/3,2	market tool
Scirocco H35/Vento Asym	squ./ int 3,6 ; ext 3,9	int UT-WH170/ext UT-WH090
Eurus/Shamal Ultra	hexagonal /6	UT-WH070

NIPPLES

Wheel	kind of section /mm	tool
Bora/Bullet/Bullet Ult.	squared/3,9	UT-WH090
Hyperon Ultra	int. hexagonal nut /5	market tool
Neutron Ultra	int. hexagonal nut /5	market tool



CAMPAGNOLO wheels (2017 product range)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
BORA ONE (TB/CP)	WH15-BOT..... WH15-BOC...	Aero Ø2,2/2/1,5/2	262,5	90-115	0,40 - 0,61	front
		Aero Ø2/1,5/2	261,5	100-125	0,51 - 0,69	rear right
		Aero Ø2,2/2/1,5/2	262,5	70-90	0,17 - 0,40	rear left
BORA ULTRA (TB/CP)	WH15-BOT..... WH15-BOC...	Aero Ø2,2/2/1,5/2	262,5	90-115	0,40 - 0,61	front
		Aero Ø2/1,5/2	261,5	100-125	0,51 - 0,69	rear right
		Aero Ø2,2/2/1,5/2	262,5	70-90	0,17 - 0,40	rear left
BORA ULTRA 80 (TB)	WH12-BOT...80... WH13-BOT...80..	Aero Ø2,2/2/1,6/2	231	90-110	0,40 - 0,55	front
		Aero Ø2/1,8/2	237,5	110-135	0,55 - 0,75	rear right
		Aero Ø2,2/2/1,6/2	233	65-85	0,16 - 0,38	rear left
Hyperon Ultra Two (TB)	WH9-HYTFR WH9-HYTFRX1	Aero Ø2/1,5/2	294,5	70-90	0,15 - 0,40	front
		Aero Ø2/1,5/2	295	110 - 130	0,65 - 0,84	rear right
		Aero Ø2/1,5/2	294,5	50 - 70	0,12 - 0,15	rear left
Neutron Ultra	WH7-NEC..... WH13-NEC.....	Aero Ø2/1,5/2	293	70-90	0,45 - 0,67	front
		Aero Ø2/1,8/2	292	120 - 140	0,93 - 1,10	rear right
		Aero Ø2/1,5/2	294,2	50 - 70	0,15 - 0,45	rear left
Shamal Ultra C17 /Mille (CP) C17	WH17-SH.../WH17-SHC....	Aero Ø3,5/2,6/3,5	280,2	110 - 130	1,45 - 1,60	front
		Aero Ø3,5/2,6/3,5	278,5	120 - 150	1,60 - 1,75	rear right
		Aero Ø3,5/2,6/3,5	277,5	75 - 95	1,05 - 1,35	rear left
Shamal Ultra (2WF)	WH17-SH2...	Aero Ø3,5/2,6/3,5	279,2	110 - 130	1,45 - 1,60	front
		Aero Ø3,5/2,6/3,5	276,5	120 - 150	1,60 - 1,75	rear right
		Aero Ø3,5/2,6/3,5	279,2	75 - 95	1,05 - 1,35	rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2017 Vs 2015 (no modifications introduced in 2016 range)			2WF	Two-way fit	



CAMPAGNOLO wheels (2017 product range)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
Eurus (CP-2WF)	WH12-EU.... WH13-EU.....	Aero \emptyset 3,5/2,6/3,5	279,2	110 - 130	1,45 - 1,60	front
		Aero \emptyset 3,5/2,6/3,5	279,2	125-160	1,56 - 1,69	rear right
		Aero \emptyset 3,5/2,6/3,5	276,5	90 - 110	1,25 - 1,45	rear left
Zonda C17 (CP)	WH17-ZOCFR	Aero \emptyset 2,2/2/1,6/2	284	110 - 130	0,6 - 0,77	front
		Aero \emptyset 2/1,6/2	280,5	125-145	0,71 - 0,84	rear right
		Aero \emptyset 2,2/2/1,6/2	281,5	80 - 100	0,35 - 0,53	rear left
Vento Asymmetric/CX (CP)	WH14-VEC.....	Aero \emptyset 2/1,6/2	280,5	100 - 130	0,50 - 0,73	front
		Aero \emptyset 2/1,6/2	279	130 - 160	0,73 - 0,92	rear right
		Aero \emptyset 2/1,6/2	278	65 - 95	0,15 - 0,47	rear left
Vento Asymmetric G3 (CP)	WH14-VEC.....G3	-	-	-	-	front
		Aero \emptyset 2/1,6/2	280,5	105 - 135	0,55 - 0,77	rear right
		Aero \emptyset 2/1,6/2	279,5	85 - 110	0,37 - 0,58	rear left
SCIROCCO H35/CX	WH13-SCCF...	Aero \emptyset 2,2/2/1,6/2	273	110 - 130	0,58 - 0,75	front
		Aero \emptyset 2,2/2/1,6/2	271,5	120-150	0,66 - 0,88	rear right
		Aero \emptyset 2,2/2/1,6/2	274,5	80-100	0,30 - 0,50	rear left
BORA ONE 35 (TB/CP)	WH15-BOT..135... WH15-BOC....135...	Aero \emptyset 2,2/2/1,5/2	276,5	90 - 115	0,40 - 0,61	front
		Aero \emptyset 2/1,5/2	275	100 - 125	0,48 - 0,70	rear right
		Aero \emptyset 2,2/2/1,5/2	276,5	70 - 90	0,17 - 0,40	rear left
BORA ULTRA 35 (TB/CP)	WH15-BOT..135... WH15-BOC....135...	Aero \emptyset 2,2/2/1,5/2	276,5	90 - 115	0,40 - 0,61	front
		Aero \emptyset 2/1,5/2	275	100 - 125	0,48 - 0,70	rear right
		Aero \emptyset 2,2/2/1,5/2	276,5	70 - 90	0,17 - 0,40	rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2017 Vs 2015 (no modifications introduced in 2016 range)			2WF	Two-way fit	



CAMPAGNOLO wheels (2017 product range)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
KhamSIM Asymmetric (CP)	WH14-KH.....	∅2	281,5	100 - 130	2,20 - 2,42	front
		∅2 curve	284	130 - 160	2,42 - 2,60	rear right
		∅2	277,5	65 - 95	1,75 - 2,15	rear left
KhamSIM Asymmetric G3 (CP)	WH14-KH.....G3		-	-	-	front
		∅2 curve	284	105 - 135	2,25 - 2,45	rear right
		∅2	278,5	85 - 110	2,05 - 2,29	rear left
Bullet H50	WH12-BU..... WH13-BU.....X1	Aero ∅2,2/2/1,5/2	259,5	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,5/2	261,5	100 - 125	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,5/2	262,5	65 - 85	0,14 - 0,33	rear left
Bullet Ultra H50	WH12-BUU..... WH13-BUU...X1.....	Aero ∅2,2/2/1,5/2	259,5	90 - 110	0,35 - 0,55	front
		Aero ∅2/1,5/2	261,5	100 - 125	0,45 - 0,68	rear right
		Aero ∅2,2/2/1,5/2	262,5	65 - 85	0,14 - 0,33	rear left
Zonda DB C17 (CP)	WH17-ZOCDFRX	Aero ∅2/1,6/2	281,5	120-140	1,63 - 1,78	Front right
		Aero ∅2/1,6/2	275	90-110	1,37 - 1,57	Front left
		Aero ∅2/1,6/2	275	80-110	1,26 - 1,57	rear right
		Aero ∅2/1,8/2	272	95-125	1,85 - 2,15	rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2017 Vs 2015 (no modifications introduced in 2016 range)			2WF	Two-way fit	

NIPPLES

Wheel	kind of section /mm	tool
KhamSIM Asym	squared/3,2	market tool
Scirocco H35/Vento Asym	squ./ int 3,6 ; ext 3,9	int UT-WH170/ext UT-WH090
Eurus	hexagonal /6	UT-WH070
Shamal Ultra C17	hexagonal /6 self lock	UT-WH070 or R7130059 (pro tool)

NIPPLES

Wheel	kind of section /mm	tool
Bullet/Bullet Ult.	squared/3,9	UT-WH090
Hyperon Ultra	int. hexagonal nut /5	market tool
Neutron Ultra	int. hexagonal nut /5	market tool
Zonda C17	squared/3,2/self lock	market tool
Bora 35/50/Zonda DB	squared/3,9/self lock	UT-WH090



CAMPAGNOLO wheels (2018 PRODUCT RANGE)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
BORA ONE 50 (TB/CP)	WH15-BOT..... WH15-BOC...	Aero $\emptyset 2,2/2/1,5/2$	262,5	90-115	0,40 - 0,61	Front
		Aero $\emptyset 2/1,5/2$	261,5	100-125	0,51 - 0,69	Rear right
		Aero $\emptyset 2,2/2/1,5/2$	262,5	70-90	0,17 - 0,40	Rear left
BORA ULTRA 50 (TB/CP)	WH15-BOT..... WH15-BOC...	Aero $\emptyset 2,2/2/1,5/2$	262,5	90-115	0,40 - 0,61	Front
		Aero $\emptyset 2/1,5/2$	261,5	100-125	0,51 - 0,69	Rear right
		Aero $\emptyset 2,2/2/1,5/2$	262,5	70-90	0,17 - 0,40	Rear left
BORA ULTRA 80 (TB)	WH12-BOT...80... WH13-BOT...80..	Aero $\emptyset 2,2/2/1,6/2$	231	90-110	0,40 - 0,55	Front
		Aero $\emptyset 2/1,8/2$	237,5	110-135	0,55 - 0,75	Rear right
		Aero $\emptyset 2,2/2/1,6/2$	233	65-85	0,16 - 0,38	Rear left
KhamSIM Asymmetric G3 (CP)	WH14-KH.....G3	$\emptyset 2$	281,5	100 - 130	2,20 - 2,42	Front
		$\emptyset 2$ curve	284	105 - 135	2,25 - 2,45	Rear right
		$\emptyset 2$	278,5	85 - 110	2,05 - 2,29	Rear left
Neutron Ultra	WH7-NEC..... WH13-NEC.....	Aero $\emptyset 2/1,5/2$	293	70-90	0,45 - 0,67	Front
		Aero $\emptyset 2/1,8/2$	292	120 - 140	0,93 - 1,10	Rear right
		Aero $\emptyset 2/1,5/2$	294,2	50 - 70	0,15 - 0,45	Rear left
Shamal Ultra C17 /Mille (CP) C17	WH17-SH.../WH17-SHC....	Aero $\emptyset 3,5/2,6/3,5$	280,2	110 - 130	1,45 - 1,60	Front
		Aero $\emptyset 3,5/2,6/3,5$	278,5	120 - 150	1,60 - 1,75	Rear right
		Aero $\emptyset 3,5/2,6/3,5$	277,5	75 - 95	1,05 - 1,35	Rear left
Shamal Ultra (2WF)	WH17-SH2...	Aero $\emptyset 3,5/2,6/3,5$	279,2	110 - 130	1,45 - 1,60	Front
		Aero $\emptyset 3,5/2,6/3,5$	276,5	120 - 150	1,60 - 1,75	Rear right
		Aero $\emptyset 3,5/2,6/3,5$	279,2	75 - 95	1,05 - 1,35	Rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2018 Vs 2017			2WF	Two-way fit	



CAMPAGNOLO wheels (2018 PRODUCT RANGE)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
Eurus (CP-2WF)	WH12-EU.... WH13-EU.....	Aero $\emptyset 3,5/2,6/3,5$	279,2	110 - 130	1,45 - 1,60	Front
		Aero $\emptyset 3,5/2,6/3,5$	279,2	125-160	1,56 - 1,69	Rear right
		Aero $\emptyset 3,5/2,6/3,5$	276,5	90 - 110	1,25 - 1,45	Rear left
Zonda C17 (CP)	WH17-ZOCFR	Aero $\emptyset 2,2/2/1,6/2$	284	110 - 130	0,6 - 0,77	Front
		Aero $\emptyset 2/1,6/2$	280,5	125-145	0,71 - 0,84	Rear right
		Aero $\emptyset 2,2/2/1,6/2$	281,5	80 - 100	0,35 - 0,53	Rear left
Bullet H50	WH12-BU..... WH13-BU.....X1	Aero $\emptyset 2,2/2/1,5/2$	259,5	90 - 110	0,35 - 0,55	Front
		Aero $\emptyset 2/1,5/2$	261,5	100 - 125	0,45 - 0,68	Rear right
		Aero $\emptyset 2,2/2/1,5/2$	262,5	65 - 85	0,14 - 0,33	Rear left
Bullet Ultra H50	WH12-BUU..... WH13- BUU...X1.....	Aero $\emptyset 2,2/2/1,5/2$	259,5	90 - 110	0,35 - 0,55	Front
		Aero $\emptyset 2/1,5/2$	261,5	100 - 125	0,45 - 0,68	Rear right
		Aero $\emptyset 2,2/2/1,5/2$	262,5	65 - 85	0,14 - 0,33	Rear left
SCIROCCO H35 C17	WH18-SCCFR...	Aero $\emptyset 2,2/2/1,6/2$	273	110 - 130	0,58 - 0,75	Front
		Aero $\emptyset 2,2/2/1,6/2$	271.5	120-150	0,66 - 0,88	Rear right
		Aero $\emptyset 2,2/2/1,6/2$	274.5	80-100	0,30 - 0,50	Rear left
BORA ONE 35 (TB/CP)	WH15-BOT..135... WH15-BOC....135...	Aero $\emptyset 2,2/2/1,5/2$	276,5	90 - 115	0,40 - 0,61	Front
		Aero $\emptyset 2/1,5/2$	275	100 - 125	0,48 - 0,70	Rear right
		Aero $\emptyset 2,2/2/1,5/2$	276,5	70 - 90	0,17 - 0,40	Rear left
BORA ULTRA 35 (TB/CP)	WH15-BOT..135... WH15-BOC....135...	Aero $\emptyset 2,2/2/1,5/2$	276,5	90 - 115	0,40 - 0,61	Front
		Aero $\emptyset 2/1,5/2$	275	100 - 125	0,48 - 0,70	Rear right
		Aero $\emptyset 2,2/2/1,5/2$	276,5	70 - 90	0,17 - 0,40	Rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2018 Vs 2017			2WF	Two-way fit	



CAMPAGNOLO wheels (2018 PRODUCT RANGE)

Wheel	Codes	Spoke section	Spoke Length (mm)	Spoke tension (Kg)	DT Swiss Measures Tensio (mm)	Position
Calima (CP)	WH18-CAC....	∅2 curve	277	100 - 130	2,20 - 2,42	Front
		∅2 curve	285,5	110 - 140	2,42 - 2,60	Rear right
		∅2 curve	275,5	80 - 110	1,75 - 2,15	Rear left
Zonda DB C17 (CP)	WH17-ZOCDFRX	Aero ∅2/1,6/2	281,5	120-140	1,63 - 1,78	Front right
		Aero ∅2/1,6/2	275	90-110	1,37 - 1,57	Front left
		Aero ∅2/1,6/2	275	80-110	1,26 - 1,57	Rear right
		Aero ∅2/1,8/2	272	95-125	1,85 - 2,15	Rear left
Bora One DB 35 (CP/T)	WH18-BOTD35	Aero ∅2/1,6/2	278	95 - 125	0,51-0,74	Front right
		Aero ∅2/1,6/2	293	95 - 120	0,51-0,70	Front left
		Aero ∅2/1,6/2	293	100 - 120	0,54-0,70	Rear right
		Aero ∅2/1,6/2	268	90 - 120	0,46-0,70	Rear left
Bora One DB 50 (T)	WH18-BOTD	Aero ∅2/1,6/2	262,5	100 - 130	0,54-0,77	Front right
		Aero ∅2/1,6/2	278	100 - 125	0,54-0,74	Front left
		Aero ∅2/1,6/2	278	105 - 125	0,59-0,74	Rear right
		Aero ∅2/1,6/2	253,5	90 - 125	0,46-0,74	Rear left
CP	Clincher			TB	Tubular	
WORDS IN RED	updated or new wheel 2018 Vs 2017			2WF	Two-way fit	

NIPPLES

Wheel	kind of section /mm	tool
Khamsin Asym	squared/3,2	market tool
Scirocco H35/Vento Asym	squ./ int 3,6 ; ext 3,9	int UT-WH170/ext UT-WH090
Eurus	hexagonal /6	UT-WH070
Shamal Ultra C17	hexagonal /6 self lock	UT-WH070 or R7130059 (pro tool)
Calima	hexagonal/3,2	market tool

NIPPLES

Wheel	kind of section /mm	tool
Bullet/Bullet Ult.	squared/3,9	UT-WH090
Hyperon Ultra	int. hexagonal nut /5	market tool
Neutron Ultra	int. hexagonal nut /5	market tool
Zonda C17	squared/3,2/self lock	market tool
Bora/Bora DB	squared/3,9/selflock	UT-WH090
Zonda DB	squared/3,9/selflock	UT-WH090