



# HANDLEBAR TECHNICAL MANUAL



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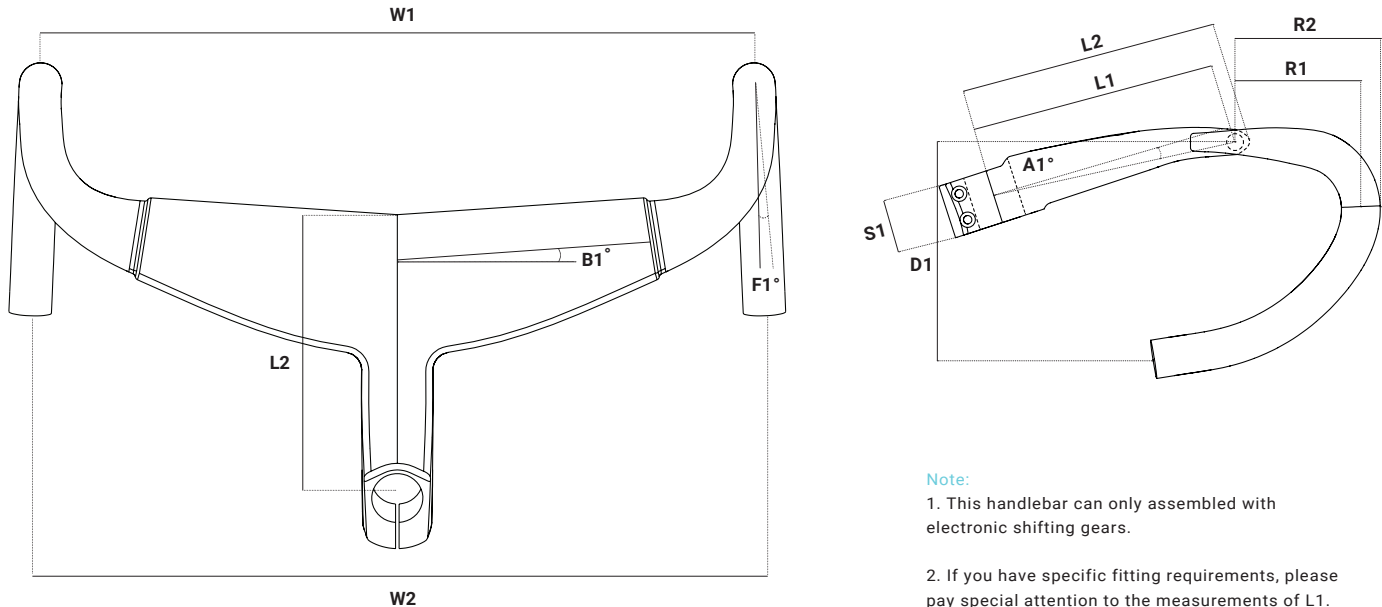
## AERO BAR

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V:C1 GEOMETRY



**Note:**  
 1. This handlebar can only be assembled with electronic shifting gears.  
 2. If you have specific fitting requirements, please pay special attention to the measurements of L1.

ABOUT V:C1

Type	Integrated aero
Material	Carbon fiber
Size	34 · 36 · 38 · 40 · 42
Weight	350±10g (105-400mm)
Compatible Models	VA-AFO
Cable Routing	Internal (electronic wireless & disc brake systems ONLY)
Computer Mount	Yes



Size (mm)	34	36	38	40	42
W1 Hood-to-hood	340	360	380	400	400
W2 Drop-to-drop	352	372	392	412	432
R1 Reach	80	80	80	80	80
R2 Reach	92	92	92	92	92
D1 Drop	134	134	134	134	134
F1 Drop flare	3	3	3	3	3
B1 Backsweep	-4	-4	-4	-4	-4
A1 Angle	-6	-6	-6	-6	-6
S1 Stack	33	33	33	33	33
L1 Stem length*	90 · 100 · 110 · 120	90 · 100 · 110 · 120 130 · 140 · 150*	100 · 110 · 120 130 · 140 · 150*	100 · 110 · 120 130 · 140 · 150*	100 · 110 · 120 130 · 140 · 150*
L2 Stem length	106 · 116 · 126 · 136	106 · 116 · 126 136 · 146 · 156 · 166	106 · 126 · 136 146 · 156 · 166	106 · 126 · 136 146 · 156 · 166	106 · 126 · 136 146 · 156 · 166

\*L1 Stem point-to-point length= Subtract 8mm from L2, the length between steerer bore and the front flat edge of the bar.  
 \*The L1 Stem length, marked in red, is available as a special size with an estimated lead time of 12 weeks post-order confirmation.





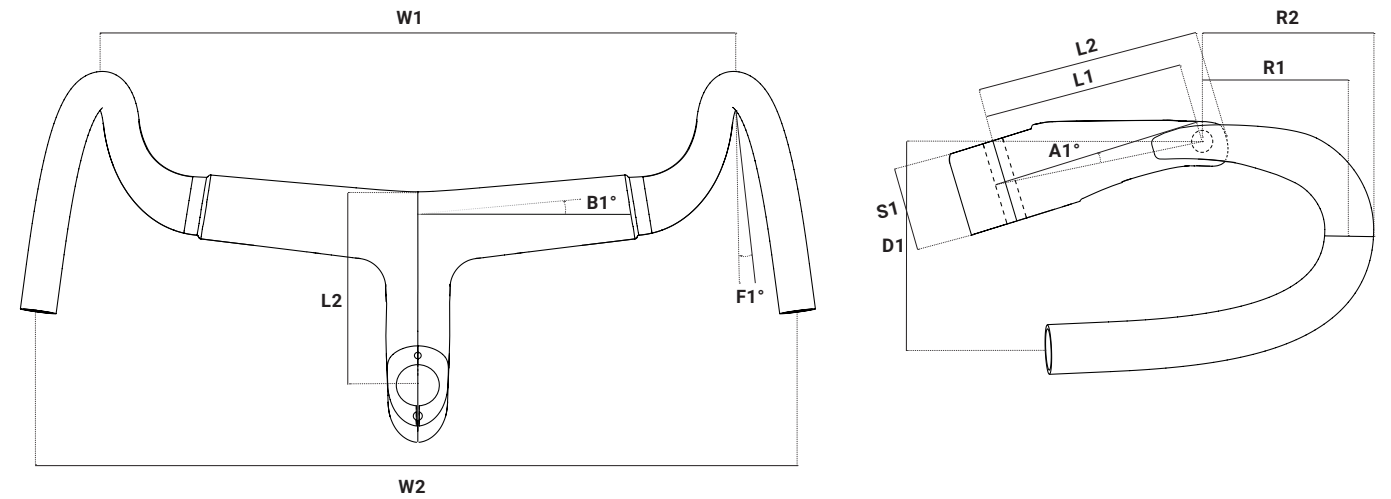
# G:C1

## ABOUT G:C1

<b>Type</b>	Integrated Gravel
<b>Material</b>	Carbon fiber
<b>Size</b>	40 · 42 · 44 · 46
<b>Weight</b>	350±10g (105-400mm)
<b>Compatible Models</b>	GA, MA-AFO
<b>Cable Routing</b>	Internal (electronic & disc brake systems ONLY)
<b>Computer Mount</b>	Yes



## G:C1 GEOMETRY

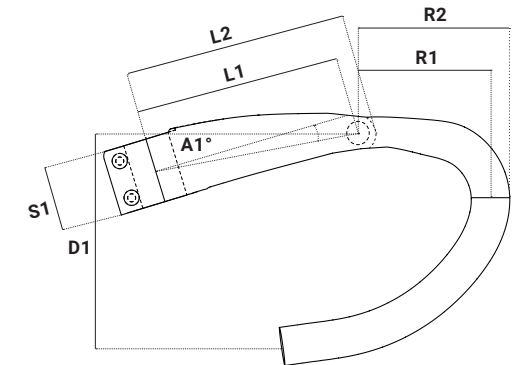
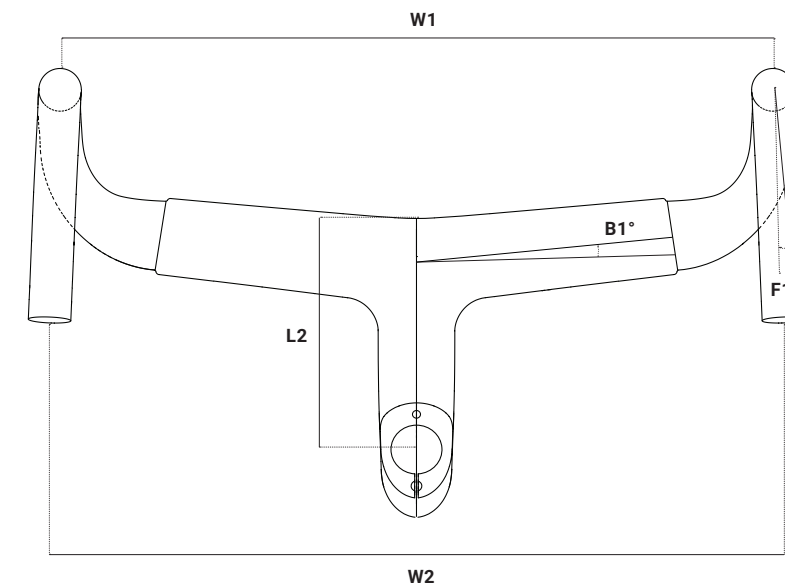


Size (mm)	40	42	44	46
<b>W1 Hood-to-hood</b>	400	420	440	460
<b>W2 Drop-to-drop</b>	486	506	526	546
<b>R1 Reach</b>	70	70	70	70
<b>R2 Reach</b>	88	88	88	88
<b>D1 Drop</b>	100	100	100	100
<b>F1 Drop flare</b>	24	24	24	24
<b>B1 Backsweep</b>	-4	-4	-4	-4
<b>A1 Angle</b>	-6	-6	-6	-6
<b>S1 Stack</b>	40.5	40.5	40.5	40.5
<b>L1 Stem length*</b>	80 · 90 · 105	90 · 105	90 · 105	90 · 105
<b>L2 Stem length</b>	87 · 97 · 112	97 · 112	97 · 112	97 · 112

\*L1 Stem point-to-point length= Subtract 7mm from L2, the length between steerer bore and the front flat edge of the bar



## AERO1v GEOMETRY



**Note:**

1. This handlebar can only be assembled with electronic shifting gears.
2. If you have specific fitting requirements, please pay special attention to the measurements of L1.

## ABOUT AERO1v

<b>Type</b>	All-rounder
<b>Material</b>	Carbon fiber
<b>Size</b>	36 · 38 · 40 · 42
<b>Weight</b>	350±10g (105-400mm)
<b>Compatible Models</b>	MA-AFO · VSRu 2023
<b>Cable Routing</b>	Internal (electronic & disc brake systems ONLY)
<b>Computer Mount</b>	Yes



Built-in mounting holes for Shimano's newest satellite shifter tops (SW-RS801-T)

Size (mm)	36	38	40	42
<b>W1 Hood-to-hood</b>	360	380	400	420
<b>W2 Drop-to-drop</b>	372	392	412	432
<b>R1 Reach</b>	80	80	80	80
<b>R2 Reach</b>	92	92	92	92
<b>D1 Drop</b>	134	134	134	134
<b>F1 Drop flare</b>	2	2	2	2
<b>B1 Backsweep</b>	-5	-5	-5	-5
<b>A1 Angle</b>	-6	-6	-6	-6
<b>S1 Stack</b>	41	41	41	41
<b>L1 Stem length*</b>	80 · 90 · 105 · 120	80 · 90 · 105 · 120	90 · 105 · 120 · 130	90 · 105 · 120 · 130
<b>L2 Stem length</b>	87 · 97 · 112 · 127	87 · 97 · 112 · 127	97 · 112 · 127 · 137	97 · 112 · 127 · 137

\*L1 Stem point-to-point length= Subtract 7mm from L2, the length between steerer bore and the front flat edge of the bar





# AERO1v R68

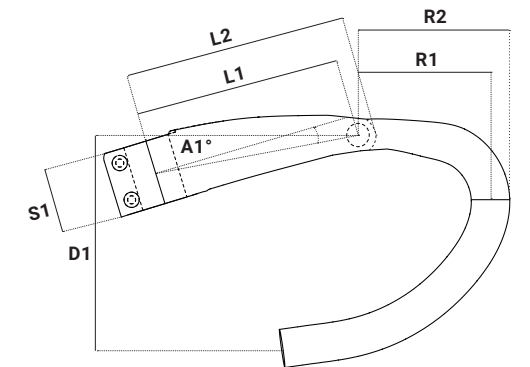
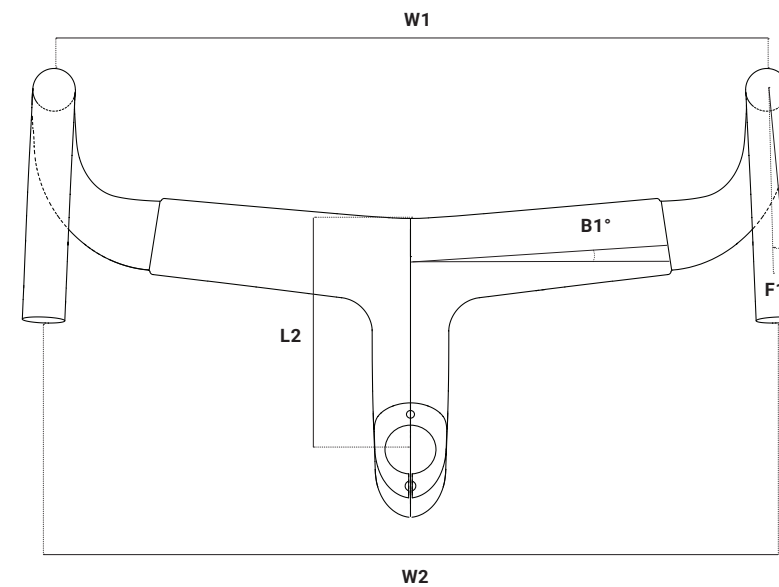
## ABOUT AERO1v R68

<b>Type</b>	Integrated aero
<b>Material</b>	Carbon fiber
<b>Size</b>	36 · 38
<b>Weight</b>	350±10g (105-400mm)
<b>Features</b>	Small hand friendly
<b>Compatible Models</b>	MA-AFO · VSRu 2023
<b>Cable Routing</b>	Internal (electronic & disc brake systems ONLY)
<b>Computer Mount</b>	Yes



Built-in mounting holes for Shimano's newest satellite shifter tops (SW-RS801-T)

## AERO1v R68 GEOMETRY



**Note:**

1. This handlebar can only be assembled with electronic shifting gears.
2. If you have specific fitting requirements, please pay special attention to the measurements of L1.

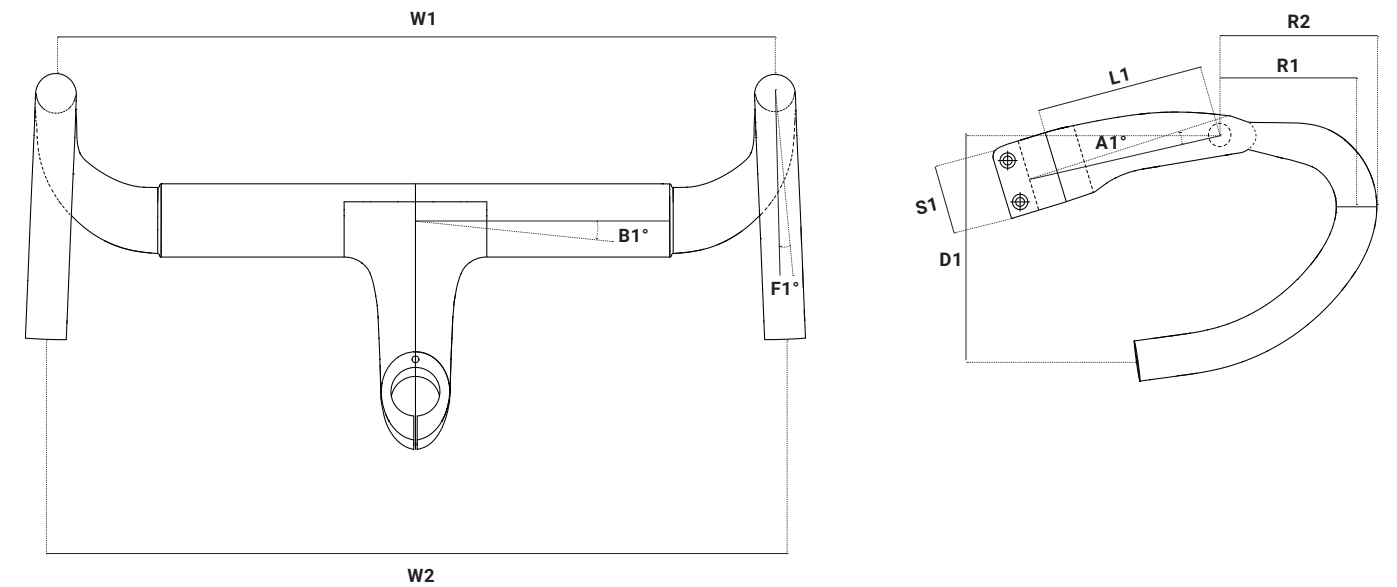
Size (mm)	36	38
<b>W1 Hood-to-hood</b>	360	380
<b>W2 Drop-to-drop</b>	372	392
<b>R1 Reach</b>	68	68
<b>R2 Reach</b>	79	79
<b>D1 Drop</b>	134	134
<b>F1 Drop flare</b>	2	2
<b>B1 Backsweep</b>	-5	-5
<b>A1 Angle</b>	-6	-6
<b>S1 Stack</b>	41	41
<b>L1 Stem length*</b>	105 · 120 · 130	105 · 120
<b>L2 Stem length</b>	112 · 127 · 137	112 · 127

\*L1 Stem point-to-point length= Subtract 7mm from L2, the length between steerer bore and the front flat edge of the bar



# AERO1

## AERO1 GEOMETRY



### ABOUT AERO1

Type	Integrated entry
Material	Carbon fiber
Size	40 · 42 · 44
Weight	375±10g (105-400mm)
Compatible Models	MA-AFO · MR1s
Cable Routing	Semi-internal
Computer Mount	Yes



Size (mm)	40	42	44
W1 Hood-to-hood	400	420	440
W2 Drop-to-drop	412	432	452
R1 Reach	80	80	80
R2 Reach	91	91	91
D1 Drop	133.8	133.8	133.8
F1 Drop flare	2.4	2.4	2.4
B1 Backsweep	0	0	0
A1 Angle	-7	-7	-7
S1 Stack	43	43	43
L1 Stem length	80 · 90 · 105 · 120	90 · 105 · 120 · 130	90 · 105 · 120 · 130





# REMO

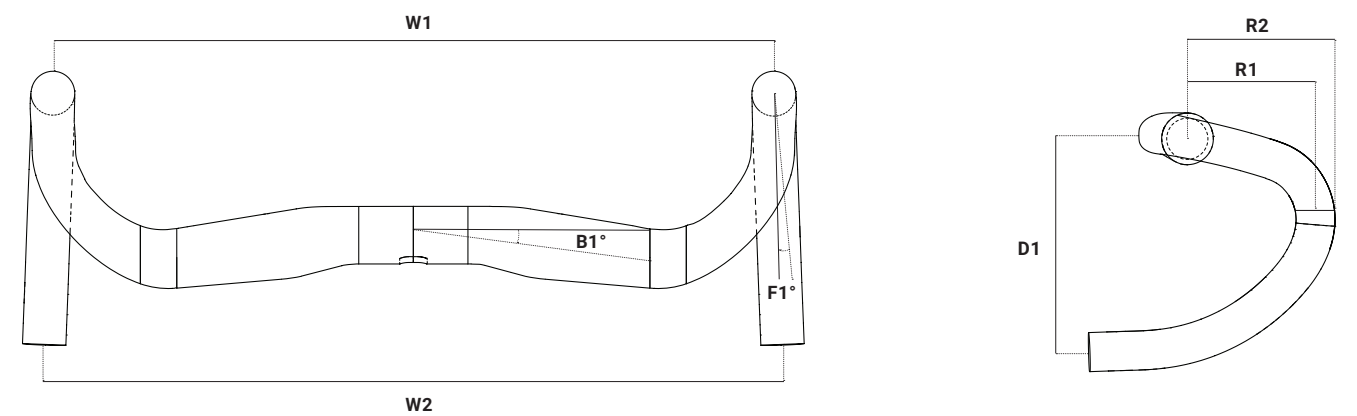
## ABOUT REMO

<b>Type</b>	Race
<b>Material</b>	Carbon fiber
<b>Size</b>	36 · 38 · 40 · 42 · 44
<b>Weight</b>	210±10g
<b>Compatible Models</b>	MA-AFO · MR1s · GFX
<b>Cable Routing</b>	External / Internal (electronic and disc brake systems ONLY)



Built-in mounting holes for Shimano's newest satellite shifter tops (SW-RS801-T)

## REMO GEOMETRY



Size (mm)	36	38	40	42	44
<b>W1 Hood-to-hood</b>	360	380	400	420	440
<b>W2 Drop-to-drop</b>	379	386	412	432	452
<b>R1 Reach</b>	76	78	78	78	78
<b>R2 Reach</b>	88	90	90	90	90
<b>D1 Drop</b>	118	130	130	130	130
<b>F1 Drop flare</b>	5	2.2	2.2	2.2	2.2
<b>B1 Backsweep</b>	-9.5	-7.5	-7.5	-7.5	-7.5



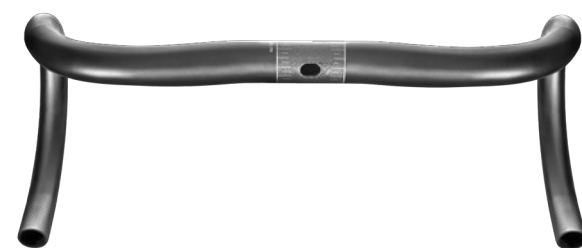


# ERGO ACE

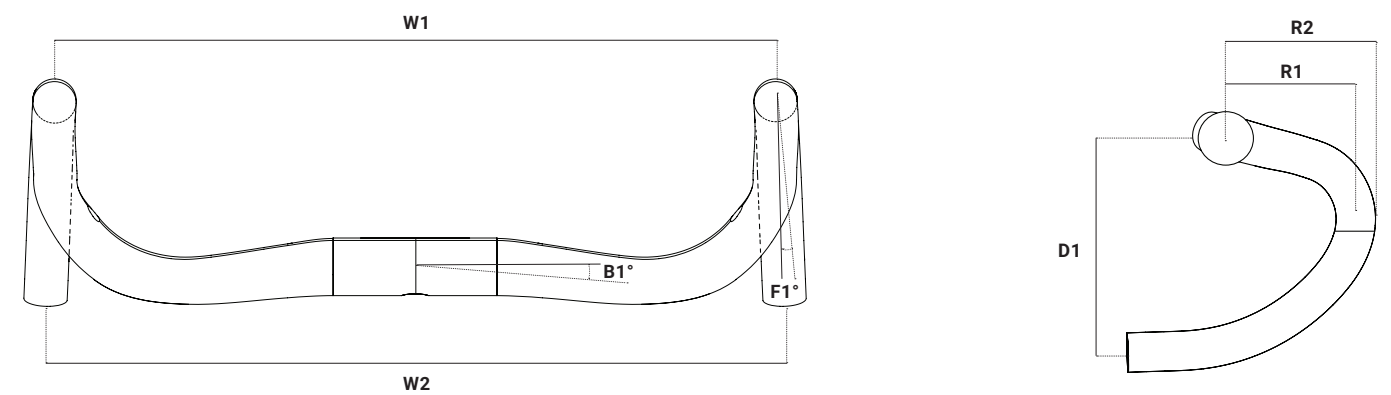


## ABOUT ERGO ACE

Type	Race
Material	Carbon fiber
Size	36 · 38 · 40 · 42 · 44
Weight	205±10g
Compatible Models	MA-AFO · MR1s
Cable Routing	External / Internal (electronic & disc brake systems ONLY)



## ERGO ACE GEOMETRY



Size (mm)	36	38	40	42	44
W1 Hood-to-hood	360	380	400	420	440
W2 Drop-to-drop	379	386	406	426	446
R1 Reach	76	78	78	78	78
R2 Reach	88	90	90	90	90
D1 Drop	118	130	130	130	130
F1 Drop flare	5	2	2	2	2
B1 Backsweep	-4	-4	-4	-4	-4

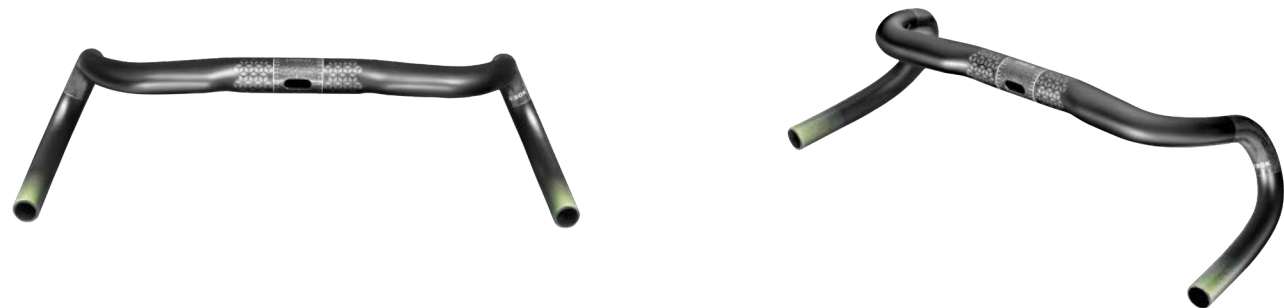




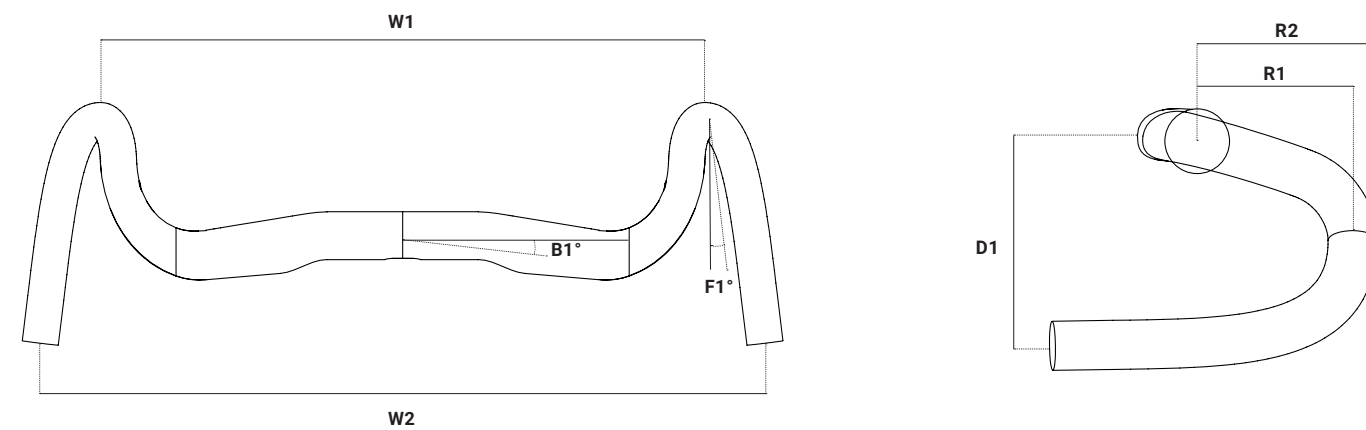
# G:H1

## ABOUT G:H1

<b>Type</b>	Gravel
<b>Material</b>	Carbon fiber
<b>Size</b>	40 · 42 · 44 · 46
<b>Weight</b>	225±10g
<b>Compatible Models</b>	GFX · MA-AFO · MR1s
<b>Cable Routing</b>	Internal (electronic & disc brake systems ONLY)



## G:H1 GEOMETRY



Size (mm)	40	42	44	46
<b>W1 Hood-to-hood</b>	400	420	440	460
<b>W2 Drop-to-drop</b>	480	500	520	540
<b>R1 Reach</b>	76	76	76	76
<b>R2 Reach</b>	90	90	90	90
<b>D1 Drop</b>	100	100	100	100
<b>F1 Drop flare</b>	24	24	24	24
<b>B1 Backsweep</b>	-5	-5	-5	-5





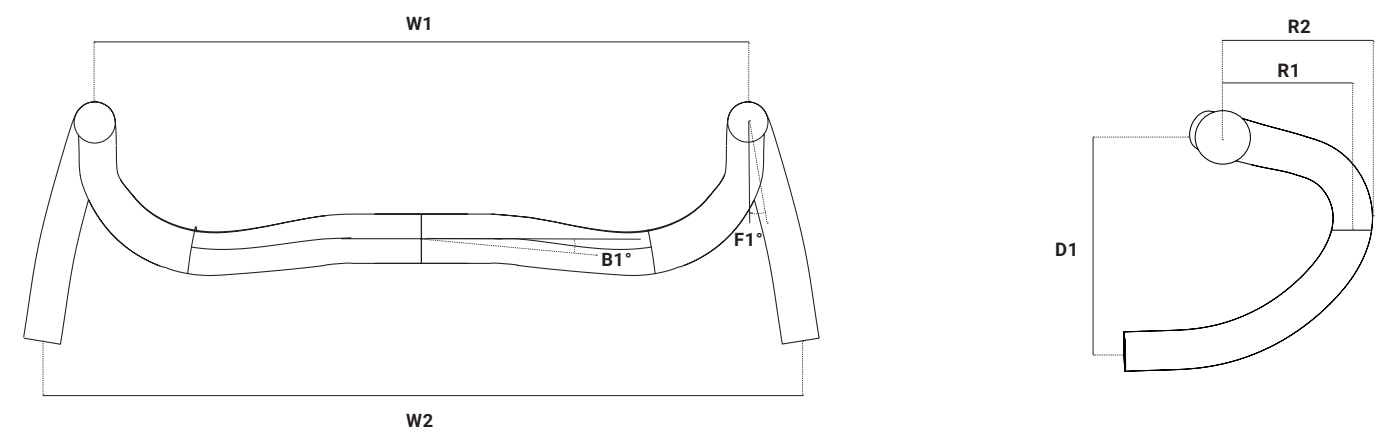
# ERGO 14

## ABOUT ERGO 14

Type	Gravel
Material	Carbon fiber
Size	38 · 40 · 42 · 44
Weight	205±10g
Compatible Models	GFX · MA-AFO · MR1s
Cable Routing	External



## ERGO 14 GEOMETRY



Size (mm)	38	40	42	44
W1 Hood-to-hood	380	400	420	440
W2 Drop-to-drop	447	467	487	507
R1 Reach	78	78	78	78
R2 Reach	90	90	90	90
D1 Drop	130	130	130	130
F1 Drop flare	14	14	14	14
B1 Backsweep	-3	-3	-3	-3





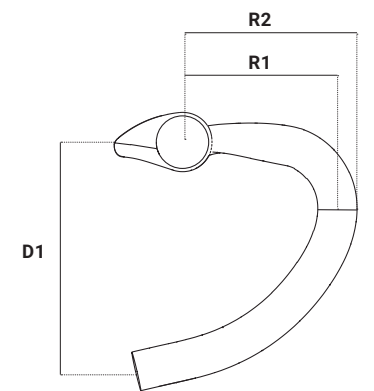
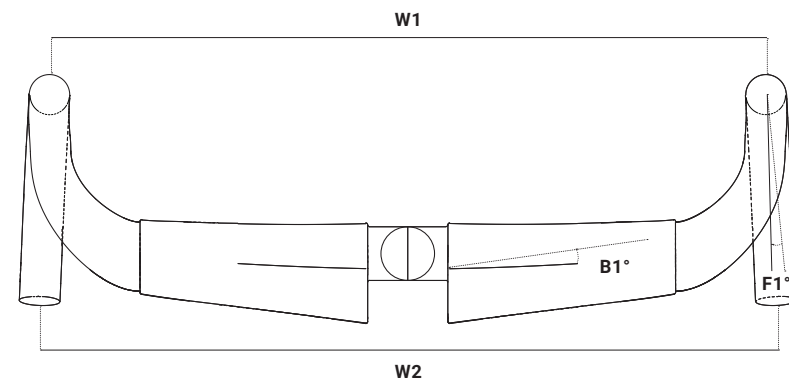
# VETOX ACE

## ABOUT VETOX ACE

- Type** Aero
- Material** Carbon fiber
- Size** 38 · 40 · 42 · 44
- Weight** 260±10g
- Compatible Models** VSRu 2020 · MR1s
- Cable Routing** Internal (electronic & disc brake systems ONLY)



## VETOX ACE GEOMETRY



Size (mm)	38	40	42	44
W1 Hood-to-hood	380	400	420	440
W2 Drop-to-drop	392	412	432	452
R1 Reach	85	85	85	85
R2 Reach	97	97	97	97
D1 Drop	138	138	138	138
F1 Drop flare	2	2	2	2
B1 Backsweep	0	0	0	0



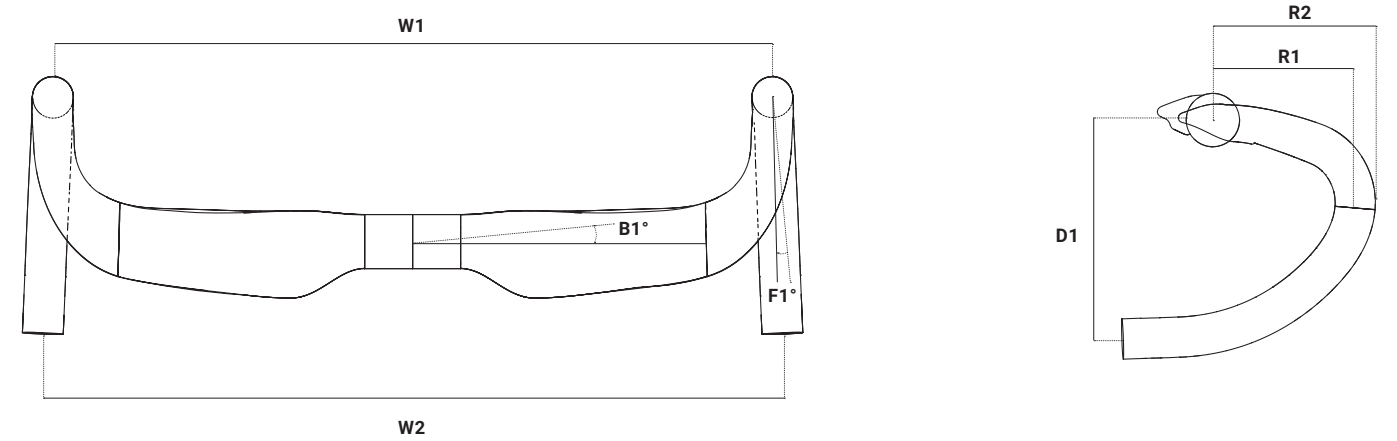


## ABOUT AEROMAX

Type	Aero
Material	Carbon fiber
Size	38 · 40 · 42 · 44
Weight	230±10g
Compatible Models	MR1s
Cable Routing	External



## AEROMAX GEOMETRY



Size (mm)	38	40	42	44
W1 Hood-to-hood	380	400	420	440
W2 Drop-to-drop	392	412	432	452
R1 Reach	85	85	85	85
R2 Reach	96	96	96	96
D1 Drop	130	130	130	130
F1 Drop flare	2	2	2	2
B1 Backsweep	0	0	0	0

