

TEAM CW 1P

Maximum aero potential

MERIDA







Size overview & specifications

TEAM CW 1P COCKPIT

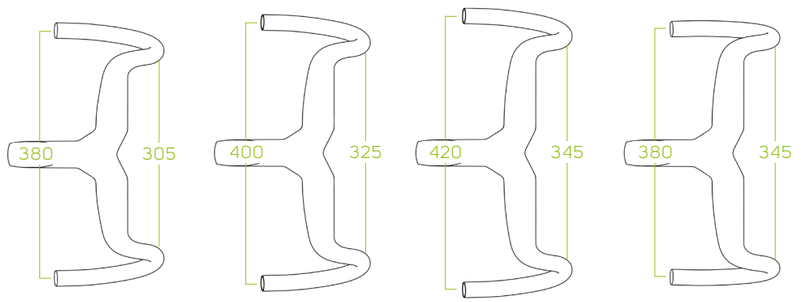
Our new one-piece cockpit was developed in close collaboration with professional riders. Their direct feedback was used to achieve the best possible fit and performance on the bike. This process determined the available sizes and flare options, while the overall shape was strongly influenced by aerodynamic performance. We recognise that riders have different needs. Some compete under UCI regulations, which changed the cockpit sizing rules at the beginning of 2026. Many others prefer a narrower cockpit that fits their body and riding style rather than complying with UCI regulations.

We believe that our current range of cockpits already offers excellent performance and sizing options to meet almost every rider's needs. However, due to the updated UCI rules, only one of our initial designs remains fully compliant. In order to continue supporting both performance-focused riders and UCI racers, we have refined the shape once more and will introduce a fourth cockpit option. The following pages provide a closer look at the key aspects behind the cockpit, including UCI regulations, sizing and configuration possibilities, to provide clearer information. This will help you choose the right setup.

Cockpit size options

The image below shows the four sizes of the MERIDA TEAM CW AERO 1P integrated cockpit available. Four configurations are offered in total to cover a wide range of rider sizes and aerodynamic preferences.

Current width naming	380	400	420	NEW
Suggested new width naming	305/380	325/400	345/420	345/380
UCI-compliant	No	No	Yes	Yes



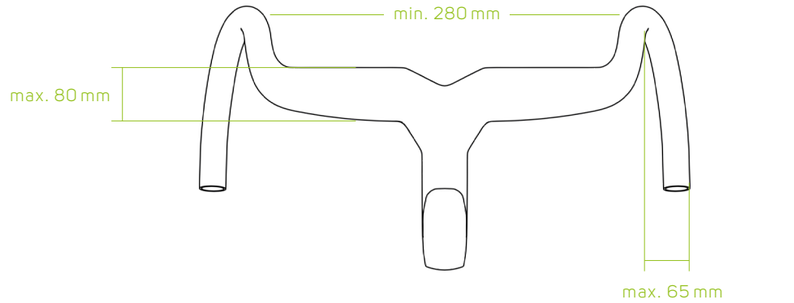
Two of the cockpits, 420 (345/420) and NEW (345/380), are UCI-compliant.

Three of the four cockpits shown in the overview are currently used on our mass-production bikes (MY27 REACTO 10K and REACTO ONE. Following the recent UCI rule change, we introduced an additional fourth option to provide the narrowest possible cockpit configuration that still complies with UCI regulations.

Note: all measurements are center-to-center.



The new 345/380 cockpit features a reduced 10° flare compared to the 17° flare of the other cockpits. This adjustment enables the cockpit to comply with UCI regulations while maintaining strong aerodynamic performance.





UCI cockpit rule

For equipment used in UCI-regulated road and cyclo-cross events, handlebars must have an overall minimum width of 400 mm (measured from outside-to-outside) in the drops and 280 mm in the hoods. The maximum permitted flare is 50–65 mm; see the illustration. Accessories such as handlebar tape are included in the overall measurement.







Clarification guide of the UCI Technical Regulation

Aerodynamic performance

Aerodynamic efficiency was a key consideration in the design of the cockpit configurations. Aerodynamic testing on the REACTO ONE using the less progressive but UCI-conform cockpit (345/380 mm) resulted in a drag value of 197 watts. Using the most progressive configuration (305/380 mm), which is not UCI-compliant, reduced aerodynamic drag by an additional 1 watt to 196 watts. This shows that the UCI-compliant configuration still achieves extremely competitive aerodynamic performance, while the most aggressive setup offers a slight advantage in non-UCI racing scenarios.

Cockpit width configurations

The cockpit naming reflects the hood width/drop width combination.

Cockpit size	Description	UCI-compliant
305/380 mm	Most progressive and narrow aerodynamic setup - flare (17°)	No
325/400 mm	Balanced performance option - flare (17°)	No
345/420 mm	Wide setup for larger riders - flare (17°)	Yes
345/380 mm	New UCI-compliant narrow option - reduced flare (10°)	Yes

Handlebar width

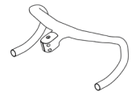
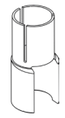
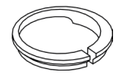
Frame size	Handlebar width
3S	380 mm
XXS	380 mm
XS	380 mm
S	380 mm
M	400 mm
L	400 mm
XL	420 mm (UCI-compliant)

Stem length

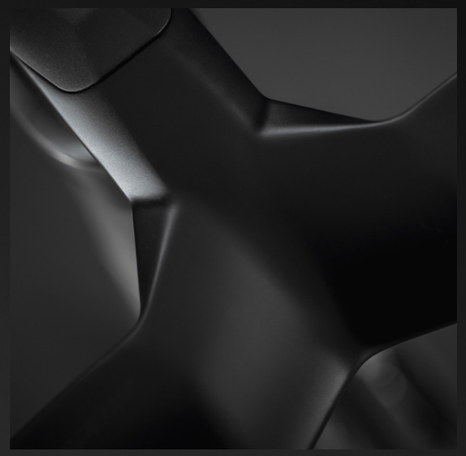
Frame size	Stem length
3S	90 mm
XXS	90 mm
XS	90 mm
S	100 mm
M	110 mm
L	110 mm
XL	120 mm

Compatibilities - headset overview

The new REACTO V can also be used with other MERIDA and FSA ACR cockpit options.
In the chart below you can see the possible substitutes and its necessary part configuration.

Stem/h-bar	**MERIDA TEAM CW 1P Custom AERO Cockpit REACTO V**	**FSA 5D EVO**	**MERIDA TEAM SL 1P**	**MERIDA Expert CW II**
				
Used on which REACTO V	REACTO 10K REACTO ONE	REACTO TEAM REACTO 9000 REACTO 8000	REACTO PRO REACTO 7000 REACTO LIMITED REACTO 6000	REACTO 5000 REACTO 4000
Cone spacer	TH H2281	RCT 609	RCT 608	
				
Steerer shim	TH MW377	MW113 Metron 5D ACR EVO/ Plasma ACR Shim 1-1/4" 1-1/8"	JD AS105-75L	
				
Compression ring	TH H2630A		ST230AI-03	
				
Upper headset bearing	FSA MR26IA (45°/45° - 51.8mm x 42.1mm x 7mm) (SL TBD)		VP-MHP16	
				
Lower bearing	FSA MR170 (45°/45° 52mm x 40mm x 7mm) (SL MR128)		VP-MHP16	
				

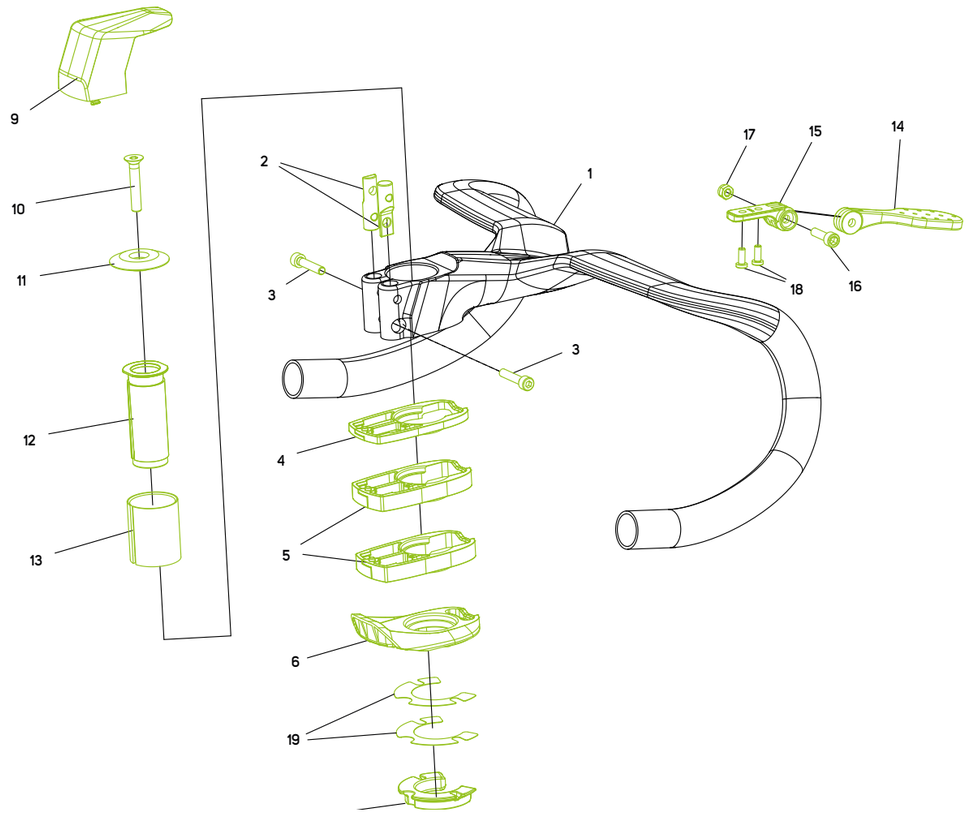






MERIDA TEAM CW AERO 1P

SMALLPARTS LIST



NO.	ITEM NO.	ITEM	DETAIL INFORMATION	PCS.
1	A2051000711	H-BAR STEM	TEAM CW 1P cockpit 380mm / 90mm	1
1	A2051000712	H-BAR STEM	TEAM CW 1P cockpit 380mm / 100mm	1
1	A2051000713	H-BAR STEM	TEAM CW 1P cockpit 380mm / 110mm	1
1	A2051000714	H-BAR STEM	TEAM CW 1P cockpit 380mm / 120mm	1
1	A2051000715	H-BAR STEM	TEAM CW 1P cockpit 380mm / 130mm	1
1	A2051000716	H-BAR STEM	TEAM CW 1P cockpit 380mm / 140mm	1
1	A2051000717	H-BAR STEM	TEAM CW 1P cockpit 400mm / 90mm	1
1	A2051000718	H-BAR STEM	TEAM CW 1P cockpit 400mm / 100mm	1
1	A2051000719	H-BAR STEM	TEAM CW 1P cockpit 400mm / 110mm	1
1	A2051000720	H-BAR STEM	TEAM CW 1P cockpit 400mm / 120mm	1
1	A2051000721	H-BAR STEM	TEAM CW 1P cockpit 400mm / 130mm	1
1	A2051000722	H-BAR STEM	TEAM CW 1P cockpit 400mm / 140mm	1
1	A2051000723	H-BAR STEM	TEAM CW 1P cockpit 420mm / 90mm	1
1	A2051000724	H-BAR STEM	TEAM CW 1P cockpit 420mm / 100mm	1
1	A2051000725	H-BAR STEM	TEAM CW 1P cockpit 420mm / 110mm	1
1	A2051000726	H-BAR STEM	TEAM CW 1P cockpit 420mm / 120mm	1
1	A2051000727	H-BAR STEM	TEAM CW 1P cockpit 420mm / 130mm	1
1	A2051000728	H-BAR STEM	TEAM CW 1P cockpit 420mm / 140mm	1

NO.	ITEM NO.	ITEM	DETAIL INFORMATION	T (Nm)	PCS.
2	A2030000041	NUT			2
3	A2298000474	SCREW	M5*P0.8 L20mm	5-6	2
4	A2208000125	SPACER	for TEAM CW 1P cockpit 5mm		1
5	A2208000126	SPACER	for TEAM CW 1P cockpit 10mm		1
6	A2208000127	COVER	for TEAM CW 1P cockpit		1
7	A2208000124	COMPRESSION RING	for FSA ACR headset		1
8	A2221000068	BEARING	Upper for FSA ACR headset HR261		1
9	A2154000003	COVER	for TEAM CW 1P cockpit		1
10	A2300000478	SCREW	M6x1 L35mm		1
11	A20254000267	TOP CAP			1
12	A2054000198	EXPANDER	for fork steerer ID 23.6mm		1
13	A2262000074	SHIM			1
14	A2136000089	MOUNT	front arm for computer/light assembly		1
15	A2164000177	MOUNT	3-Prong accessory mount for TEAM CW 1P cockpit		1
16	A2298000174	SCREW	M5x0.8 L18mm	4-6	1
17	A2302000027	NUT	M5		1
18	A2298000160	SCREW	M4x0.7 L10mm	2-3	1



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