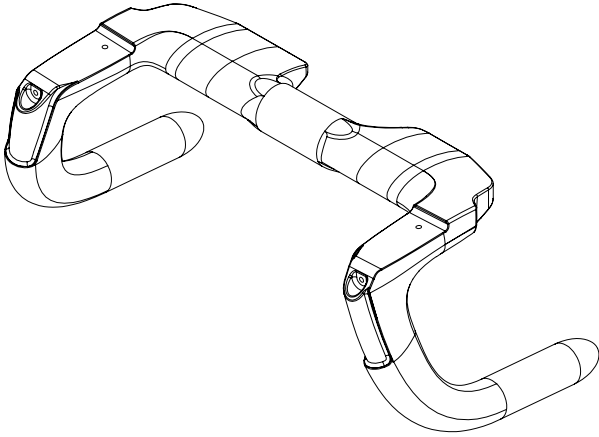


Velobike

Skat Endurance Handlebar



This document relates to the following Handlebars:

- SKU: VB-H-SKAT-275
- SKU: VB-H-SKAT-300
- SKU: VB-H-SKAT-325
- SKU: VB-H-SKAT-350

SPECIFICATIONS:

- UCI legal for the 2023 ruleset
- Designed and tested to exceed 1.5x ISO strength requirements
- Ceramic gloss finish
- Japanese Toray High Modulus Carbon Fiber
- 275mm, 300mm, 325mm and 350mm widths (center to center)
- 110mm drop (center to center)
- $\varnothing 26$ mm grips
- $\varnothing 31.8$ mm stem clamping area
- 15° grip angle

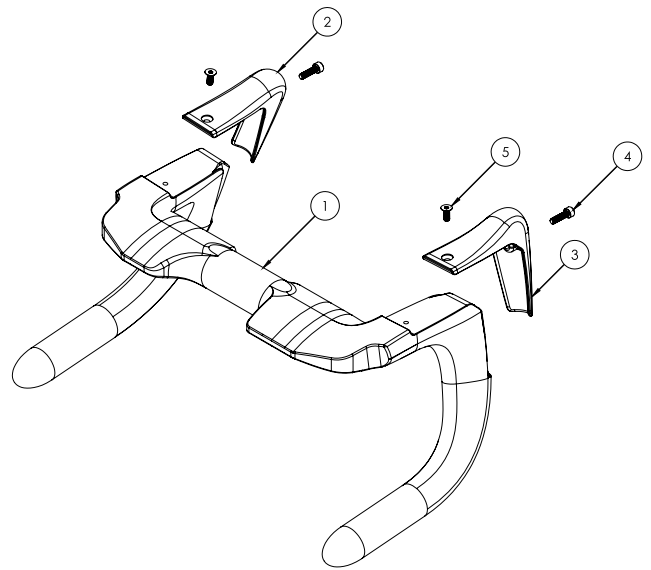
FEATURES:

- Patent pending design
- 4x bar widths
- Modular grip hoods
- Utilising the full 2023 UCI geometry regulations
- 1.5x ISO strength certified
- Highly ergonomic drop design fostering multiple grip positions
- Balance between aero optimisation and modularisation
- Wrist clearances for standing efforts
- Wind tunnel validated during the R&D process
- Integrated bar end aero
- New Zealand FernMark Licenced

SKAT ENDURANCE HANDLEBAR ASSEMBLY:

Item No.	Description	Quantity
1	Skat Endurance Handlebar	1
2	Skat Grip Left*	1
3	Skat Grip Right*	1
4	M4x15mm Socket Head Machine Screw	2
5	M4x10mm Countersunk Screw	2

* Various grips styles are available, refer to the following pages.



TORQUE SPECIFICATIONS:

Stem Clamp

- 5Nm (maximum)
- Refer to stem clamping specification and tighten to the lowest value.

Grip Screws (Item No. 4/5)

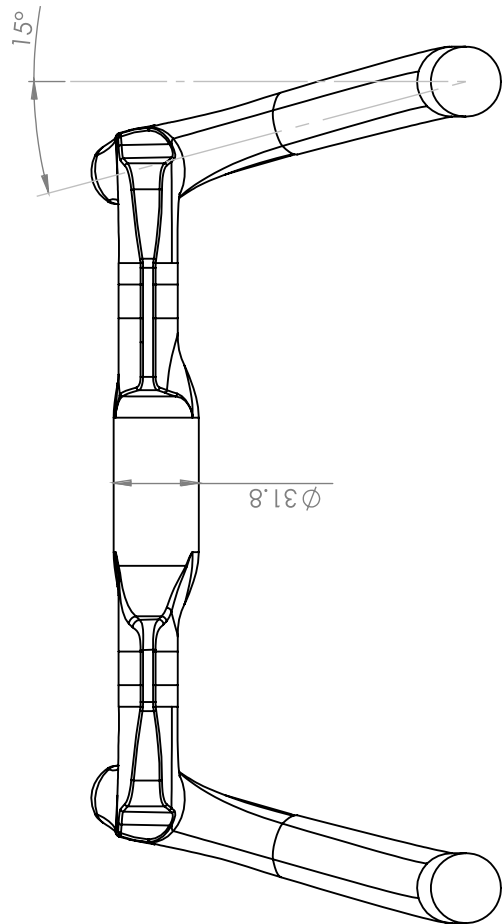
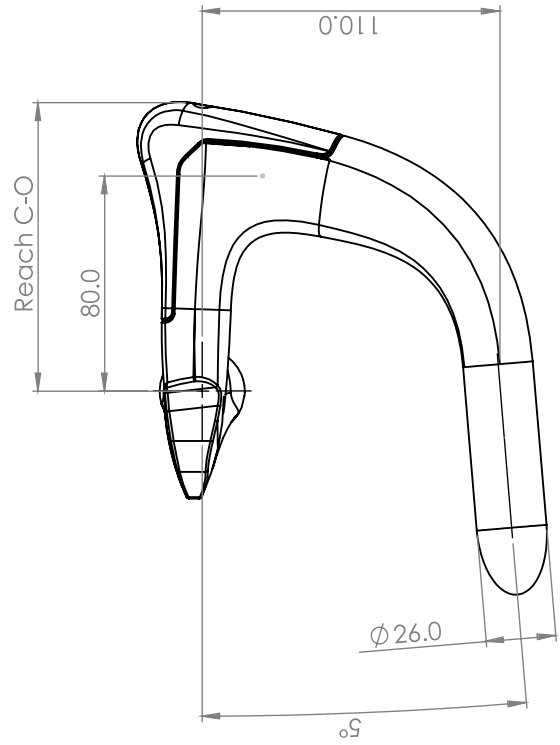
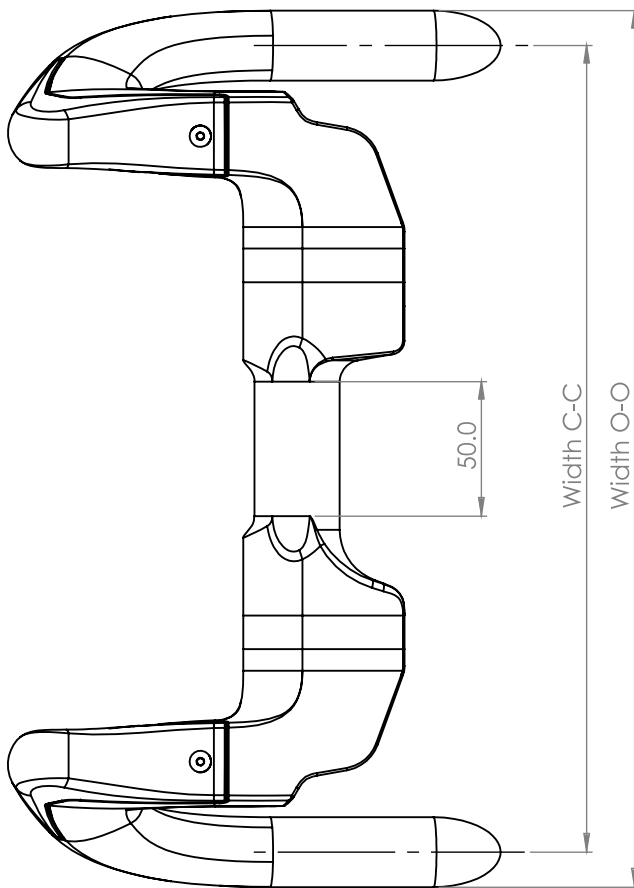
- 2 Nm (maximum)
- Use Loctite 243 for best security

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Skat Endurance Handlebar

Width C-C	Width O-O	Reach C-O
275mm	301mm	Refer to Grip Style
300mm	325mm	
325mm	351mm	
350mm	376mm	

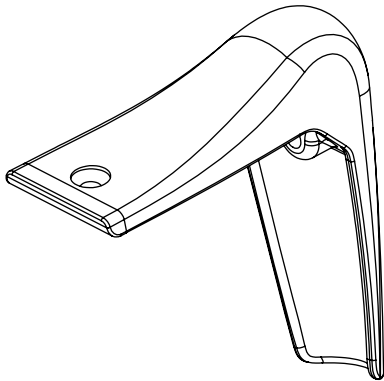
300mm Skat Endurance Handlebars with Grip-A illustrated



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Skat Endurance Handlebar

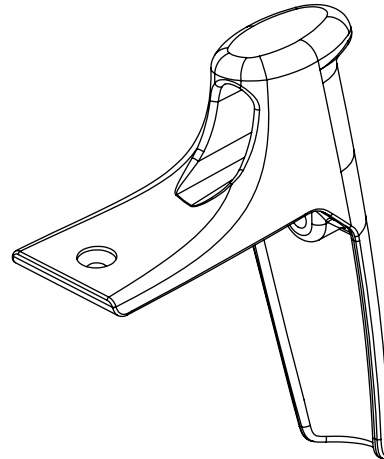
SKAT GRIP-A



- SKU: VB-H-SKAT-GRIP-A
- Reach C-O: 108mm \pm 2mm

For riders who do prefer a more traditional hood. Its low profile design is primarily to cap off the mounting recess for a flush finish. A shallow hump provides some support for the athlete to rest on - especially during recovery periods, however the low-profile nature is to keep the protrusion out of the way.

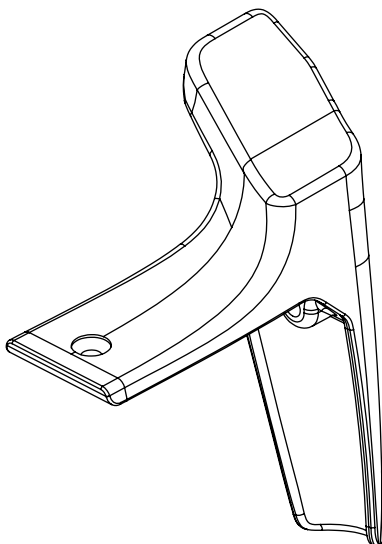
SKAT GRIP-B



- SKU: VB-H-SKAT-GRIP-B
- Reach C-O: 109mm \pm 2mm

Replicating a road bike hood grip position. A hook on the top adds support for 1-2 fingers to hook underneath for further grip security. A hole through the centre reduces frontal area when the rider is in the drops. The hole energises airflow behind the grip and across the forearm.

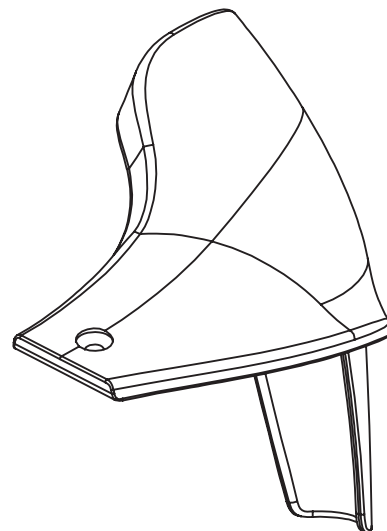
SKAT GRIP-C



- SKU: VB-H-SKAT-GRIP-C
- Reach C-O: 115mm \pm 2mm

An aggressive narrow position with the hoods angled inward. The rider grips the handlebars in a sphinx type position where the riders fists are clamped horizontally. The grip position narrows the frontal area of the rider for further optimised aerodynamics.

SKAT GRIP-D



- SKU: VB-H-SKAT-GRIP-D
- Reach C-O: 110mm \pm 2mm

Designed to be held with the full palm over just the two smallest fingers, Grip-D provides Increased grip support over Grip-C, yet maintaining a inward facing grip that maximises the UCI geometry limits. A low frontal area and Kamm aero profiled shape minimises drag when used in the drops.