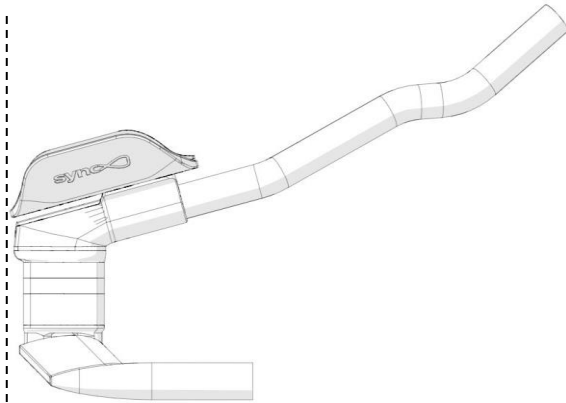




AEROBAR TWO – SELECTION GUIDE

INTRODUCTION

The AeroBar Two (AB02) ecosystem is an integrated, modular solution designed to facilitate better positioning and aerodynamics on a time trial bike. The AB02 system provides dedicated arm cup angulation (15-degrees) and a more forward arm cup position. There are two categories of AB02 systems – Centre Stack and Dual Stack.



SUITABILITY

It is important to note some key geometry differences between AB02 and your OEM bike components.

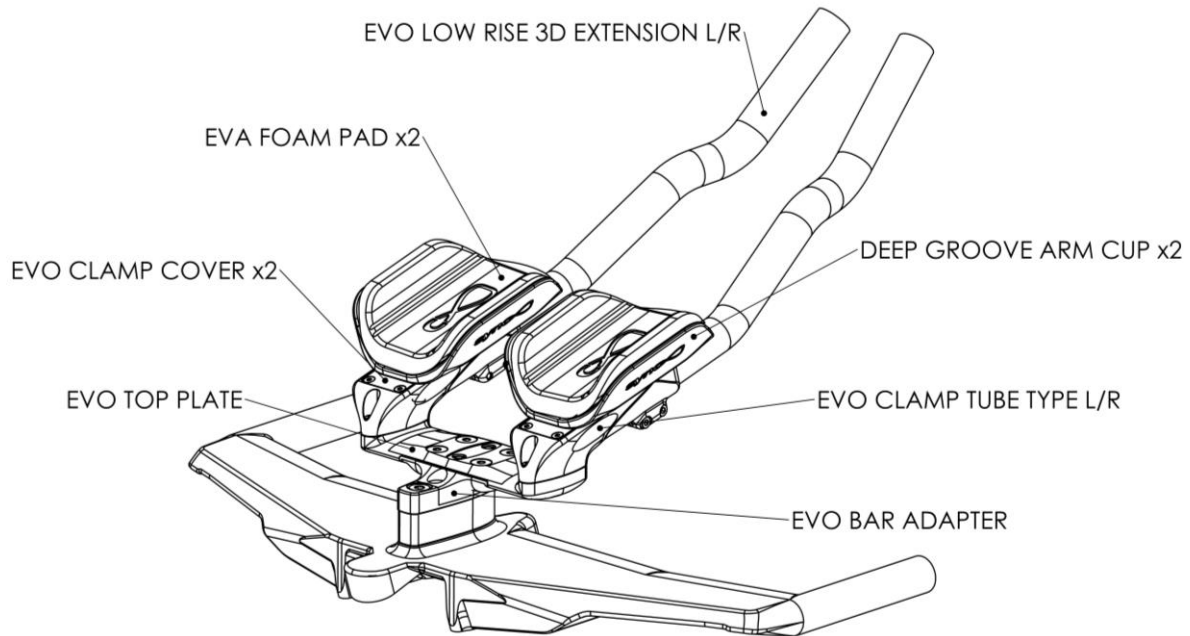
In the most rearward position, the back edge of the arm cup sits flush with the rear of the extension clamp. On most bikes, this falls roughly in line with the back edge of the base bar.

If you require your arm cups to be positioned further back on the spacer stack, the AB02 ecosystem may not be suitable for your time trial position.

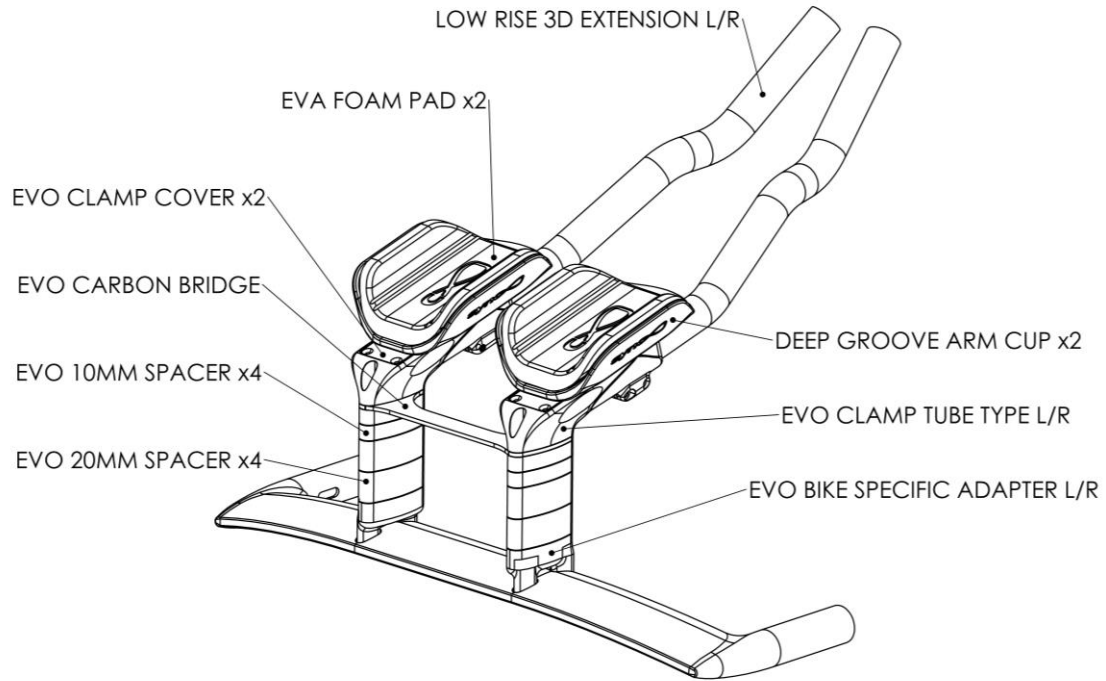
GROUPSET COMPATIBILITY

The AB02 ecosystem is only compatible with Shimano Di2 (SW-R9160), SRAM eTap Clics and SRAM AXS wireless blips (using our TT grips).

AB02 - CENTRE STACK



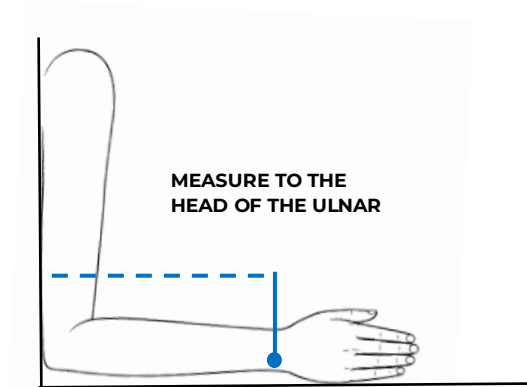
AB02 - DUAL STACK



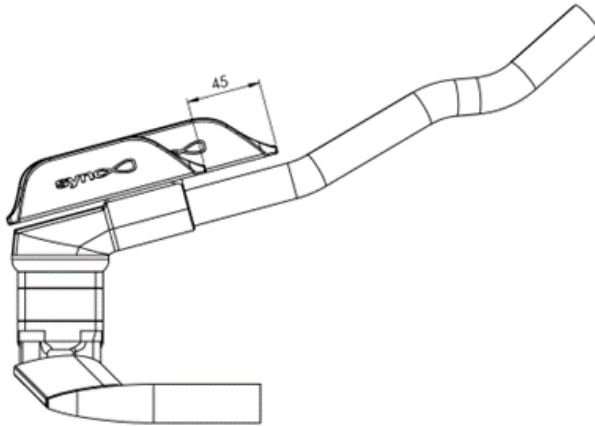
EXTENSION SELECTION – FOREARM MEASUREMENT

Two AB02 extension options are available, **MEDIUM** and **LONG**. The difference in length between the two options is 40 mm, with this additional length being added in the mid-section of the Long extensions. The overall height, the clamp end geometry and the grip end geometry are consistent between both the Medium and the Long extensions.

Most bikes and positions requiring UCI compliance will require the Medium extensions.



FOREARM MEASUREMENT	UCI CATEGORY	EXTENSION
SHORTER THAN 280 MM	CATEGORY 1 OR 2	MEDIUM
LONGER THAN 280 MM	CATEGORY 3	LONG



LENGTH ADJUSTEMENTS

The length adjustment range for our Base arm cups is 45 mm, in 15 mm increment.

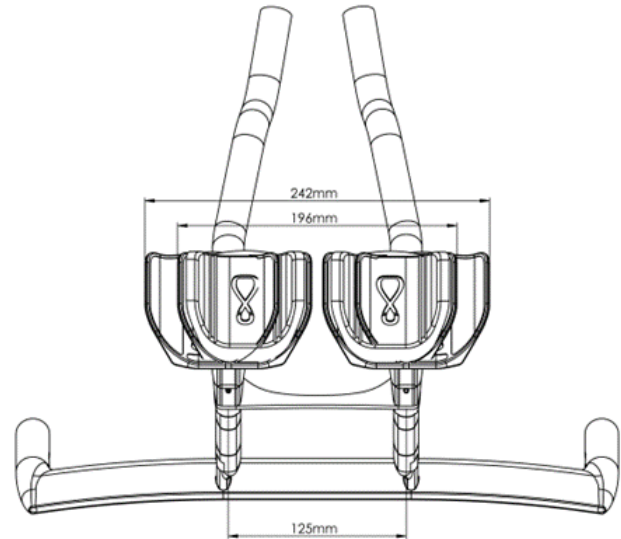
WIDTH ADJUSTEMENT

AB02 ecosystems have been configured around an extension clamp spacing of 125 mm (center-to-center).

A total of 46 mm of lateral arm cup adjustment is available with our Base arm cups.

Maximum width is 242 mm

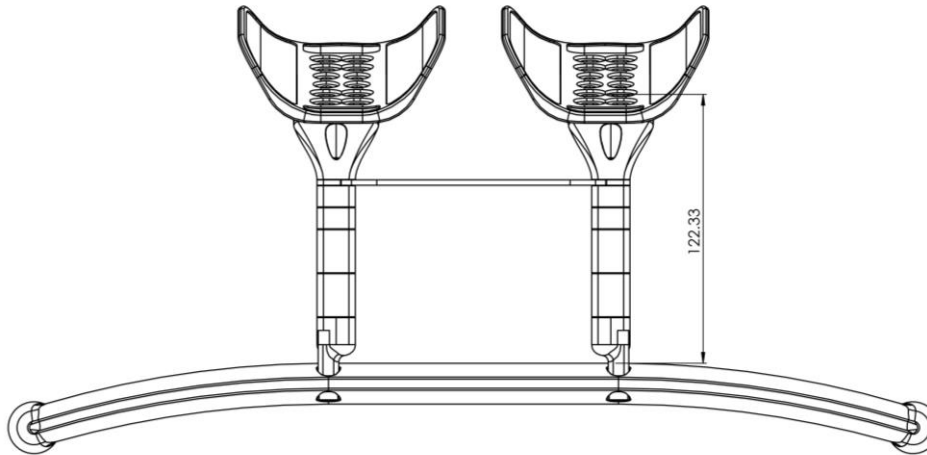
Minimum width is 196 mm



STACK ADJUSTEMENT

Dual Stack AB02 systems come with 60 mm of spacers as standard. With basebar adapters, spacers, extension clamps and arm cup installed, this will typically result in about 120 mm stack height, to the surface of the arm cup (basebar adapter dependant).

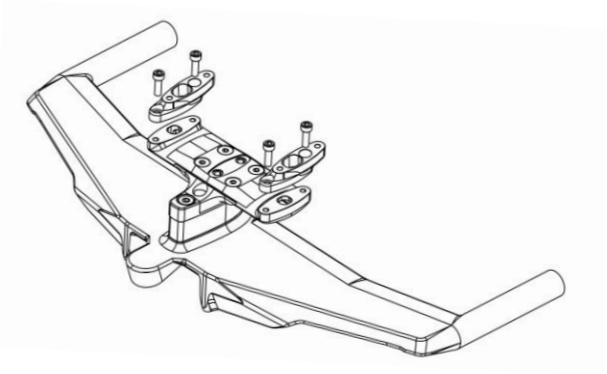
The AB02 ecosystem allows for adjustment of pad stack in 10 mm increments.



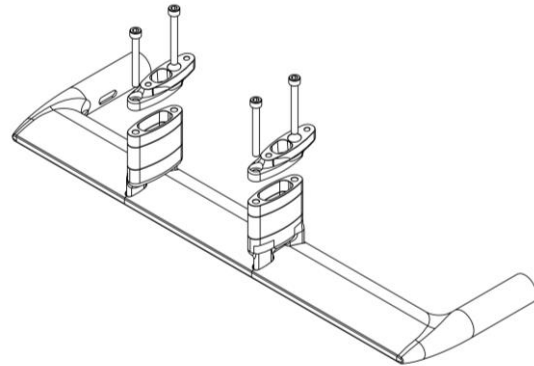
ANGLE ADJUSTEMENT

AB02 ecosystems allow for the use of our angled offset spacers. This offers up to an additional 3, 5, 7 or 10 degrees of angulation. **The offset angled spacers are an optional extra and are compatible with our AB02 and AB03 systems only.**

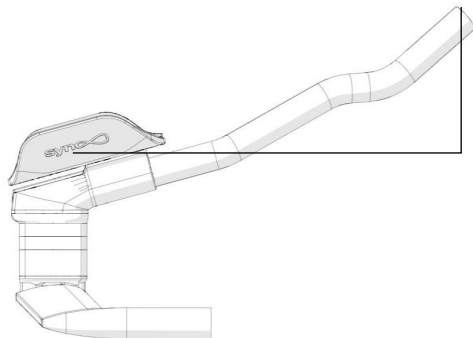
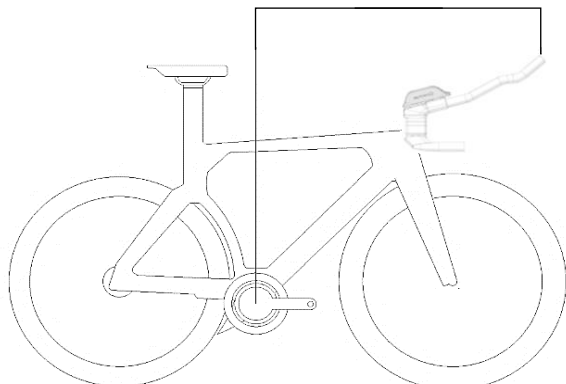
ANGLED SPACER – CENTRE STACK



ANGLED SPACER – DUAL STACK



UCI COMPLIANCE CHECK



CATEGORY X

SADDLE OFFSET - 0-50 MM
LENGTH ALLOWED - 750 MM
HEIGHT ALLOWED - 100 MM
ANGLE SUGGESTED - 15 DEGREES

CATEGORY 1

ATHLETE HEIGHT - <180 CM TALL
SADDLE OFFSET - \neq 50 MM
LENGTH ALLOWED - 800 MM
HEIGHT ALLOWED - 100 MM
ANGLE SUGGESTED - 15 DEGREES

CATEGORY 2

ATHLETE HEIGHT - \neq 180 CM TALL
SADDLE OFFSET - \neq 50 MM
LENGTH ALLOWED - 830 MM
HEIGHT ALLOWED - 120 MM
ANGLE SUGGESTED - 18 DEGREES

CATEGORY 3

ATHLETE HEIGHT - \neq 190 CM TALL
SADDLE OFFSET - \neq 50 MM
LENGTH ALLOWED - 850 MM
HEIGHT ALLOWED - 140 MM
ANGLE SUGGESTED - 20 DEGREES

For clarification of the UCI Technical regulation, please see here:
https://www.uci.org/equipment/bh2JJzw1eB0n876rX2iB1?_ga=2.231545055.1112098212.1671983685-1469624865.1671983685