

HOW TO MEASURE STEMS



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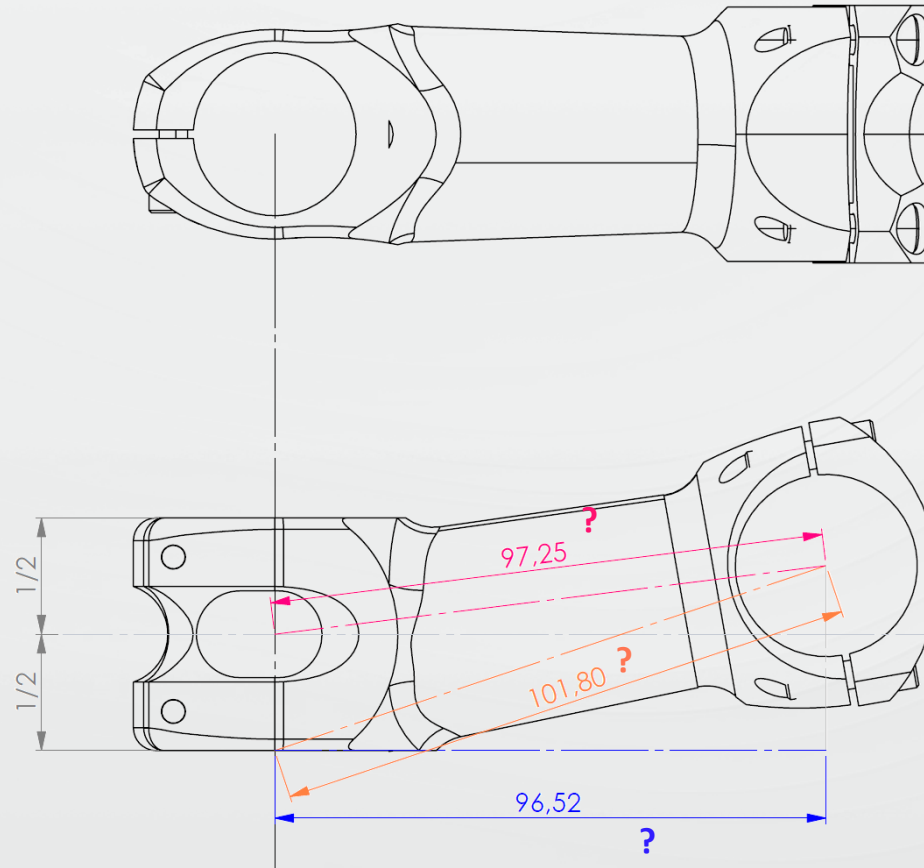
1. STEM LENGTH

We were wondering:
How is stem length measured on stems of other brands?

Is it the orange, the red or the blue measure?



Truth is, there is no clear definition and brands are often not specific.



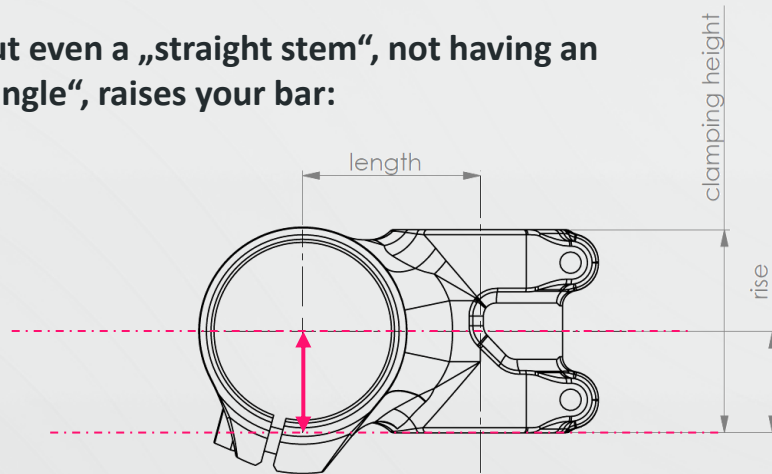
2. STEM ANGLE

Then, how is the stem angle measured?

Is it the blue, red or orange measure?
Truth is, there is no clear definition.

An angle suggests, that it brings the
handlebar higher or lower.

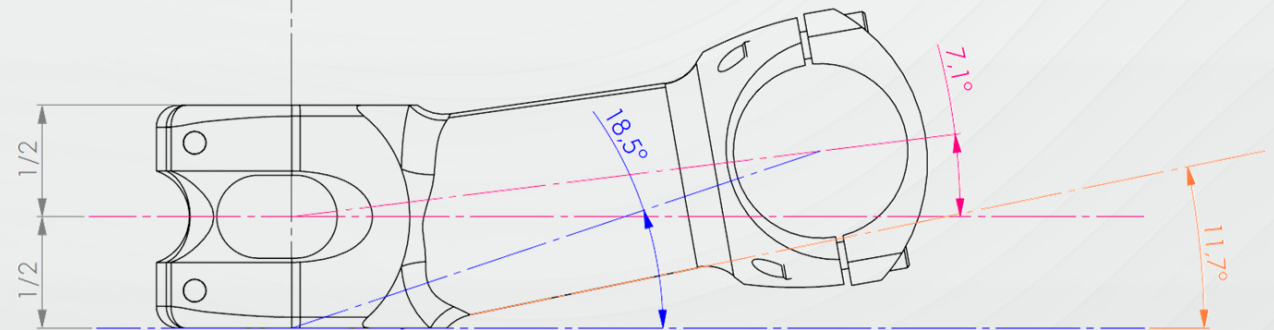
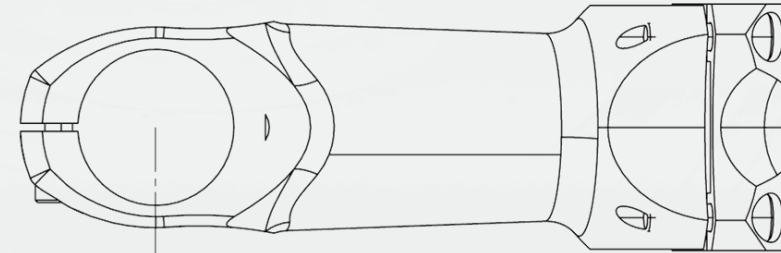
But even a „straight stem“, not having an
„angle“, raises your bar:



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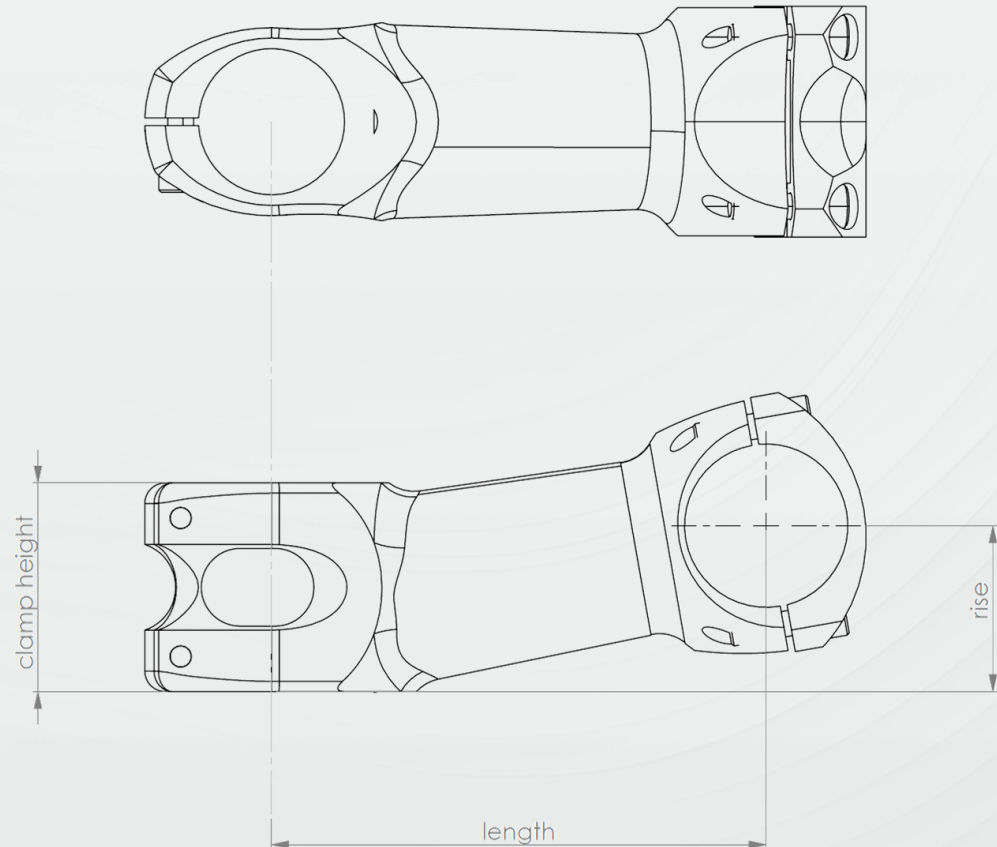
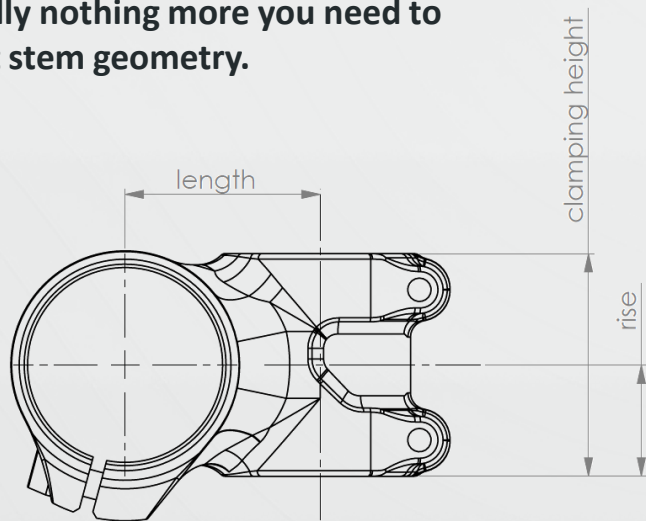
So what is the angle supposed to tell you?
Knowing an angle is useless, if you don't
know which angle you are looking at.

3. BIKEYOKE MEASUREMENTS

At BikeYoke we want to keep it clear and simple and define our stems by the measurements seen in the drawing.

Every stem, no matter if „angled“ or not, can be clearly defined with these dimensions.

There is really nothing more you need to know about stem geometry.

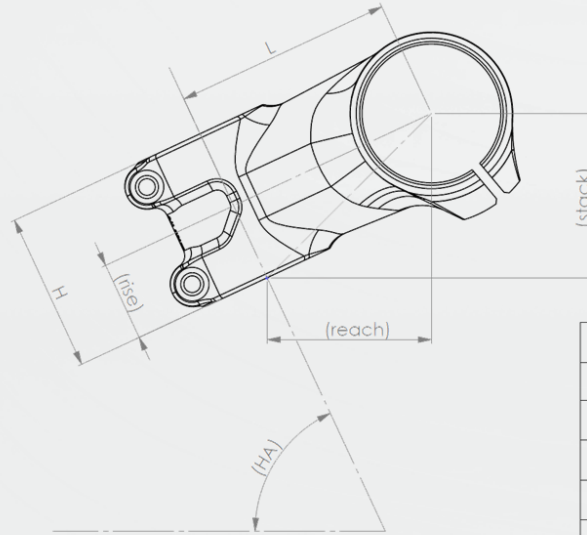


4. BONUS INFO

Additionally, BikeYoke is providing a table that gives more detailed information about what you get when the stem is mounted to your steerer tube at an individual head angle (HA).

Stem length, rise and head angle will result in effective reach and stack values that directly add to your frame reach and stack in terms of cockpit length and height.

It's for nerds, but we are professional nerds.



**BikeYoke Barkeeper
reach & stack table**

	Barkeeper 35		Barkeeper 45		Barkeeper 55	
	L = 35mm		L = 45mm		L = 55mm	
	H = 40mm		H = 40mm		H = 40mm	
	rise = 20mm		rise = 20mm		rise = 20mm	
head tube angle (HA)	reach	stack	reach	stack	reach	stack
60°	20,3	34,8	29,0	39,8	31,7	44,8
61°	20,9	34,5	29,7	39,3	38,4	44,2
62°	21,5	34,1	30,3	38,8	39,2	43,5
63°	22,1	33,7	31,0	38,2	39,9	42,8
64°	22,7	33,3	31,7	37,7	40,7	42,1
65°	23,3	32,9	32,3	37,1	41,4	41,4
66°	23,8	32,5	33,0	36,6	42,1	40,6
67°	24,4	32,1	33,6	36,0	42,8	39,9
68°	25,0	31,7	34,2	35,4	43,5	39,1
69°	25,5	31,2	34,8	34,8	44,2	38,4
70°	26,0	30,8	35,4	34,2	44,8	37,6
71°	26,6	30,3	36,0	33,6	45,5	36,8
72°	27,1	29,8	36,6	32,9	46,1	36,0
73°	27,6	29,4	37,2	32,3	46,7	35,2
74°	28,1	28,9	37,7	31,6	47,4	34,4
75°	28,6	28,4	38,3	31,0	47,9	33,6