

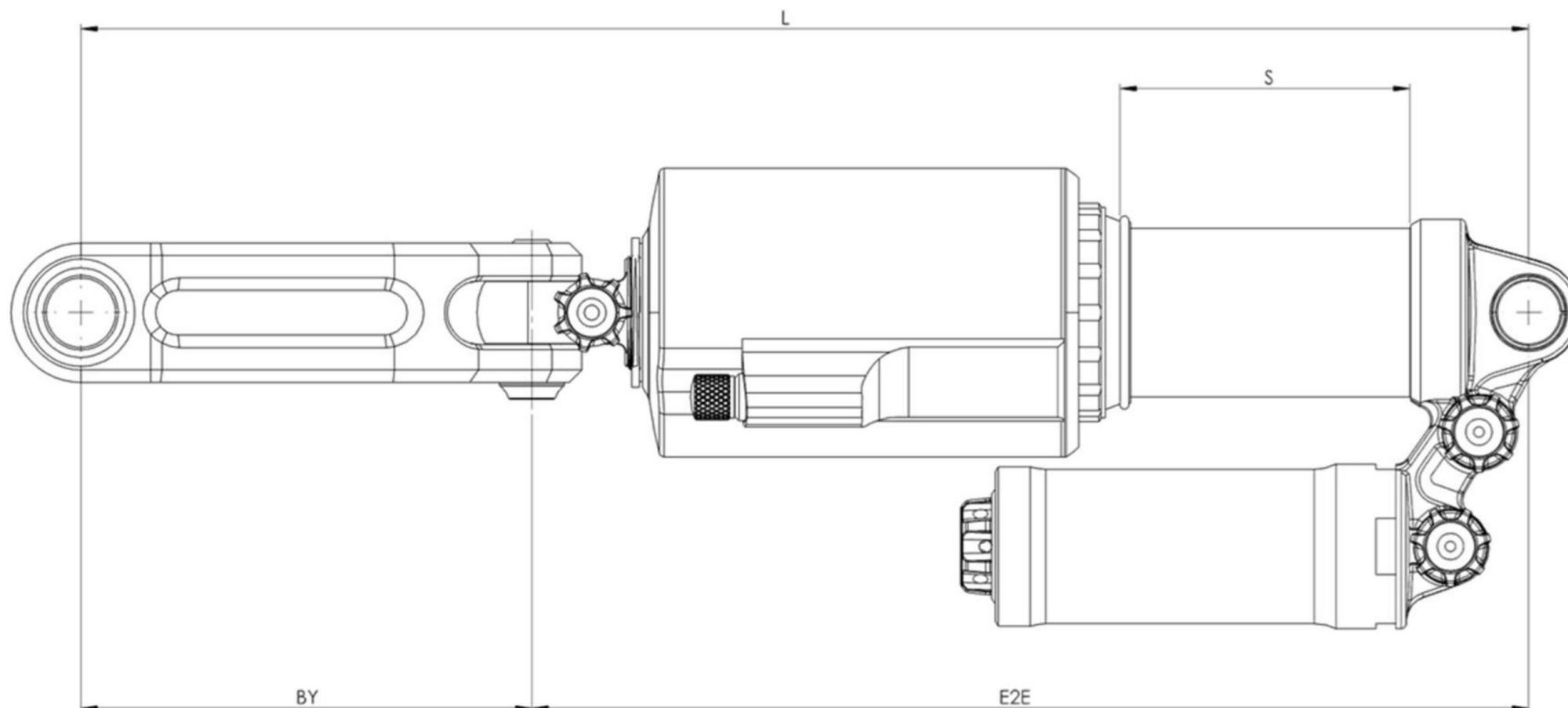
## Enduro shock sizes – BikeYoke vs. Specialized

Some of you may wonder, why BikeYoke specifies different shock sizes than Specialized. Don't worry, this is correct, and we'll explain, why:

Specialized uses a special shock mount, so you cannot compare the eye to eye („E2E“) length of a normal shock to a Specialized version, which does not have a second eyelet.

BikeYokes are designed to create **same geometry and travel as your original Specialized**. For this, only two things are important.

1. To keep same travel as original, the standard shock must have the same stroke „S“ as your original shock. Fortunately, Specialized uses standard strokes (e.g. 57mm, 63mm) for many of their stock shocks. First, we will choose the standard shock with the same stroke as your original shock, regardless of the shock length. For example, 2017 Enduro originally uses a (in Specialized-sizing) 216x57 shock. However, we will choose a 200x57 shock for our BikeYokes, since there is no 216x57 standard shock available. NOTE: Some frames uses a stroke length, which is not available with standard shocks (e.g 54mm for Enduro 2010~2012)). For those frames we choose shocks with a stroke, closest to original and rear wheel travel will be slightly longer or shorter.



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2.

To keep the original geometry of your Specialized bike, it is important that the total length of your new shock + BikeYoke „L“ is the same length as your original combination.

For example the original 2017 Enduro has a total length „L“ of 305,5mm. When using a 200x57 shock, the BikeYoke must compensate for 305,5-200 mm.

This means the BikeYoke needs a total length of  $305,5-200 = 105,5\text{mm}$ .

All together we make sure, that geometry stays same as original and travel stays same as original.

If there is no standard shock with same stroke as original, then we will choose the closest option available, while keeping geometry same as original.

