

## Tacx Wheel-On trainer – Thru axle selection



Wheel-On trainers:

- Satori Smart
- Flow Smart
- Vortex Smart
- Bushido Smart
- Genius Smart

There are 3 things important to determine what Thru axle you will need

- [\(A\) Length of the Axle](#)
- [\(B\) Thickness \(diameter\) of the Thru axle](#)
- [\(C\) Thread pitch](#)

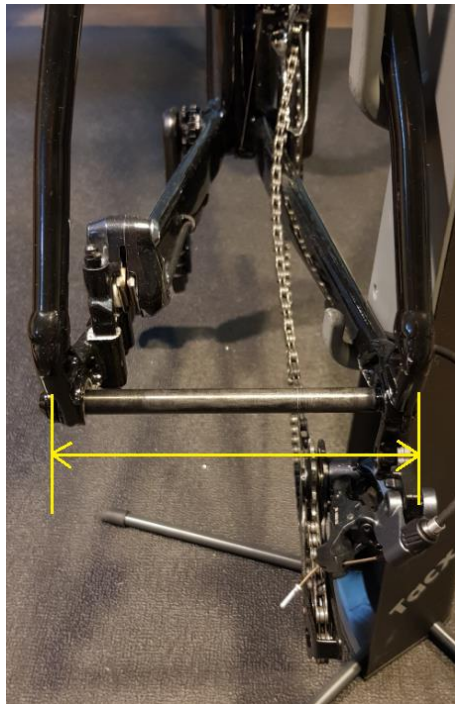
Steps to follow to determine what Tacx Thru axle you'll need

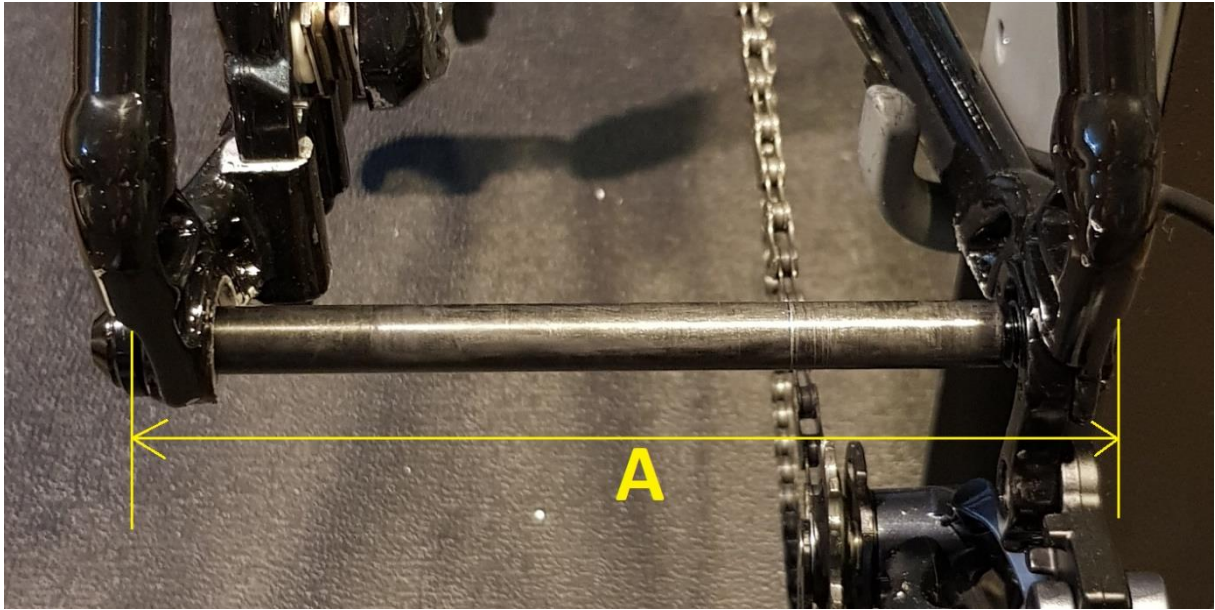
- **(A) Length of the Axle**
- Take out the original Thru axle from your bike



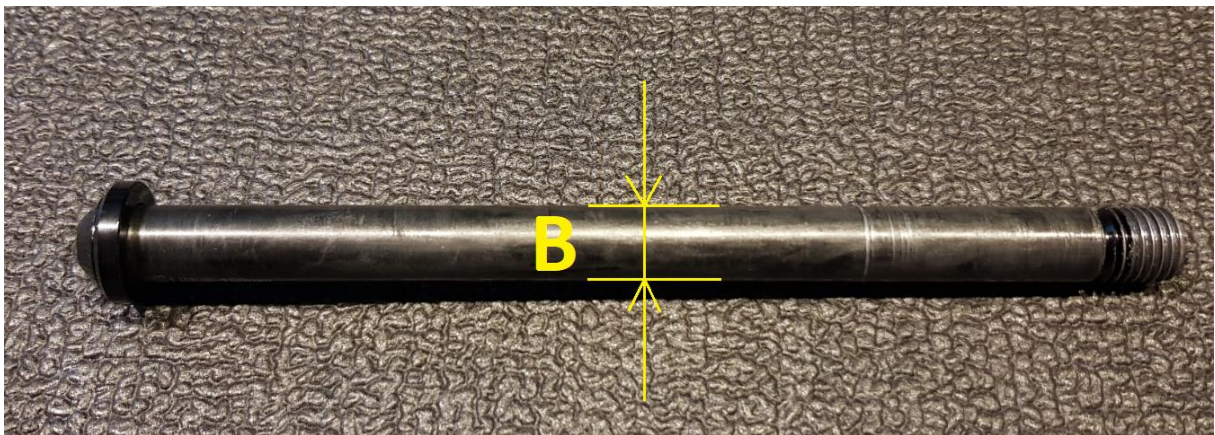
(Picture of bike without back wheel)

- Measure the outside of the dropout



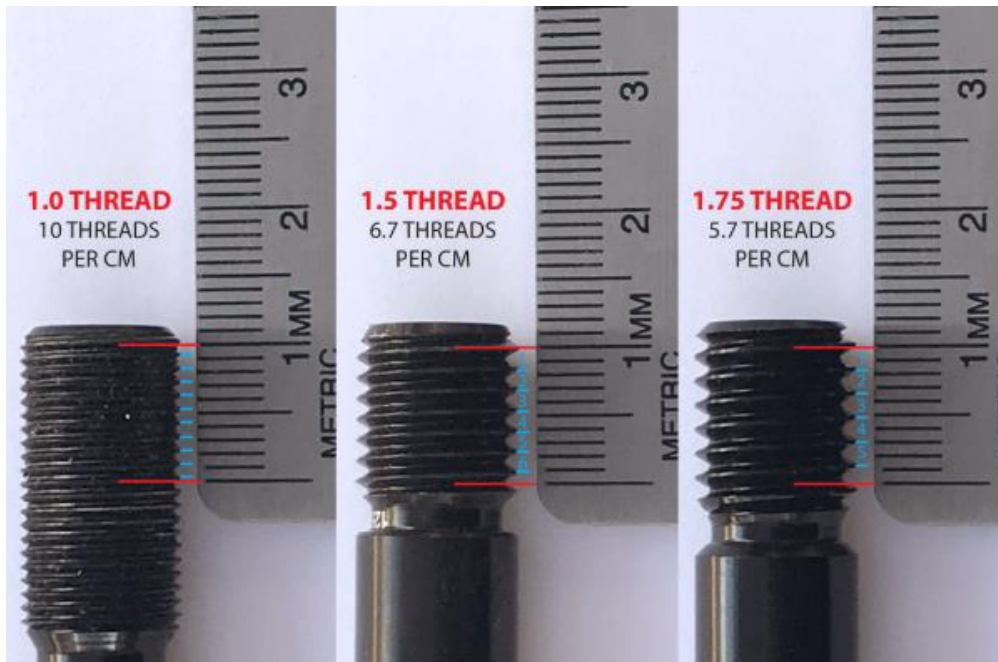


- **(B) Thickness (diameter) of the Thru axle**
- Measure the thickness (diameter of the axle)



(Common used and supported diameters are 10 mm and 12 mm)

- **(C) Thread pitch**
- Look up the thread pitch of the Thru axle
- In some cases, this is printed on the original axle  
Could be 1 mm, 1,5 mm and 1,75 mm
- If not, then measure this



Now that you have **A - B - C** you can use them to look up which Thru axle you'll need

Here you will find all the dimensions of the axles that Tacx offers

[https://tacx.com/wp-content/uploads/2016/10/Tacx\\_Dimensions\\_Traineraxles-0216\\_EN.pdf](https://tacx.com/wp-content/uploads/2016/10/Tacx_Dimensions_Traineraxles-0216_EN.pdf)

## EXAMPLE

**For B and C this is quite straight forward**

**For A it is important that the number you have measured up  
Is not bigger than the number we show in the top of the  
Dimensions overview**

Trainer axle for E-Thru 12 mm T1707

Suitable for Tacx trainers with rear wheel drive: Genius, IRONMAN, Bushido, Vortex, Flow, Satori, Booster, Blue Motion, Blue Matic and Blue Twist

