

Assembly Instructions Rims ROAD/GRAVEL/MTB

Wheel building is the most exciting work on a road or gravel bike, but also the most complex. It is reserved for experienced, professional fitters only. If you are unsure about the following work, please contact us directly (schmolke-carbon.com/support) or your local dealer. SCHMOLKE Carbon accepts no liability for damage or injury resulting from the incorrect assembly of a wheel!

1. **Recommended components:** To do justice to the quality of a SCHMOLKE carbon rim, we recommend building your wheels with similar components as described under point 4 "Assembly Recommendations for SCHMOLKE carbon rims".
2. **Spoking of the wheels:** This step begins on the workbench with the threading of the spokes. On the rear rim, these must not be on the side with the Drive Train sticker. Insert the spoke nipple into the spoke tensioner and apply a little grease to the front to hold the washer in place when threading. The washer is essential for assembly. Please note that the spoke nipples are rotated by 180° when mounted internally compared to externally mounted spoke nipples. First screw the spokes and spoke nipples together with three turns. The spokes are then hand-tightened in the truing stand, ensuring that they are centered and that the radial run-out is centered. **Recommended spoke tension for racing/gravel bikes max. 1,200 Nm, for MTB max. 1,050 Nm.** (also note the hub manufacturer's approvals). The relative spoke tension can be checked and visualized using the Wheel Tension app from ParkTool (parktool.com).
3. **Test and completion:** The centered wheel is "squeezed" - without quick release - with max. 1,000 Nm so that the spokes can settle. Then center the wheel again and repeat this step one more time as required. **(Use a tension-meter incl. conversion table, e.g. from SAPIM)**
4. **Assembly recommendations for SCHMOLKE Carbon rims:**

Recommended system weight Road/MTB: max. 110 kg		Recommended system weight Gravel: max. 120 kg	
Spoke nipples	Road	Upside-Down inside	Washers
SAPIM	Gravel/MTB	Double Square	(absolutely necessary!)
			12 mm SAPIM HM Washer

Note: Information on tire width and air pressure can be found on the product pages in our web store and on your delivery bill.

SAFETY & WARRANTY:

Exceeding the permissible system weight and the prescribed spoke tension jeopardizes your safety and invalidates your warranty claims.

3-year warranty on SCHMOLKE Carbon products

You have purchased a quality product that is carefully handmade in Germany and then individually checked. Since we produced the first road handlebar made of carbon fiber in 1992, we have been setting standards in terms of weight and durability in terms of weight and durability. In addition to the positive test results of our products, we also see ourselves confirmed by the many professional athletes who count on our components in their daily training and competition. All SCHMOLKE Carbon bike parts are designed in several layers after computer-aided analysis of the forces that occur and are optimally adapted to the respective rider type.

We will replace your SCHMOLKE Carbon bike part free of charge in the event of a material-related crack or breakage within the first 3 years from the date of purchase (first ownership). Therefore, register your new product to receive the full warranty. Simply scan the QR code on the right!



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