



The Tune stem is a high tech product, that requires attention and care. Please read the entire manual carefully before using the stem.

Available Versions:

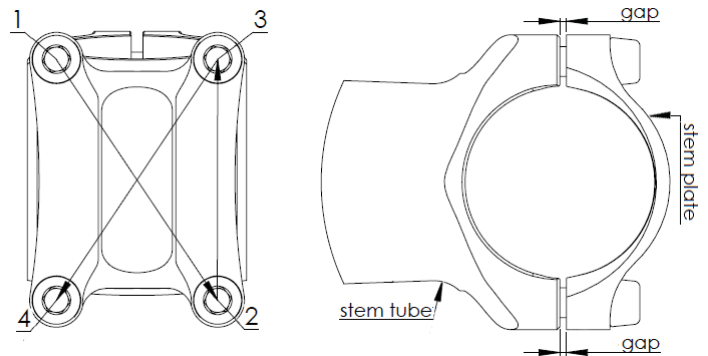
Length	8° OV (31,8 mm)	17° OV (31,8 mm)
50 mm	94 g	X
60 mm	96 g	X
75 mm	106 g	111 g
85 mm	112 g	118 g
95 mm	117 g	123 g
110 mm	126 g	131 g
120 mm	131 g	X

Technical Specifications:

Material (stem & front cap)	aluminium
Ø head tube clamping	1 1/8" (28,6 mm)
Ø handle bar clamping	31,8 mm Oversized (OV)
Bolts	2x Titanium M5x13,0 for steering tube clamping 4x Titanium M5x14,5 for handlebar clamping
Height	39,5 mm
Torque (handlebar and steering tube clamping)	max. 5 Nm

Installation

- Before tightening the bolts, some thread lock compound should be put on the thread. The bottom side of the bolt heads should be treated with neutral grease. Tighten the bolts alternately to achieve an even torque distribution.
- Tip: only use allen keys of highest quality (with very little lash). Tools with ball heads or similar should not be used!
- The screws have to be tightened crosswise. Torque should be increased gradually in the illustrated order.
- When mounting the stem plate make sure that the gaps between stem tube and stem plate on the upper and lower side of the stem are equal.



Instructions

- This stem only fits 1 1/8" (28.6 mm) steering tubes. 1" steering tubes can be used in combination with a reduction shim in appropriate length.
- Your handlebar's diameter at the clamping area has to match the stem ($\pm 0,1$ mm).
- The upper end of the steering tube must not be more than 2 mm below the upper edge of the stem. The steering tube must therefore protrude at least 37.5 mm from the uppermost bearing cup/spacer.

- Do not grease the clamping areas (neither handlebar nor steering tube). When installing carbon handlebars / carbon steering tubes we recommend using carbon assembly paste, which increases friction and reduces the required torque.
- In general, always follow the installation instructions of the fork and handlebar manufacturer!
- Bolts that have been tightened too much need to be replaced as they can damage the thread of the stem.
- Check the stem for damage from time to time and exchange damaged parts if necessary.
- Depending on how heavy damage caused by crashes etc. is, the lifespan of your stem may either be reduced or it may be necessary to replace it completely (in case of micro-fissures). Damage to the surface and the risk of resulting corrosion (grey oxidation) should not be underestimated!

Service

Warranty:

Tune grants a two year warranty from the date of purchase on material defects and production errors. On bearings, rims and spokes we grant a one year Warranty, as these are wear parts. Claims can only be made if a copy of an original dealer invoice is presented.

There is no claim for warranty services in case of:

- normal wear
- improper use or careless treatment
- disregard of service instructions
- inappropriate repair, assembly, or maintenance works or negligence
- defects caused by wrong wheel building (spoke patterns, spoke crossings, spoke tension, etc.)

Warranty claims have to be sent to the local Tune distributor and are subject to the assessment of Tune. Based on this warranty, the company Tune is not liable for compensation, especially not for indirect damage caused by accidents, collateral damage and consequential damage. All anodized parts can bleach in sunlight.

Crash Replacement:

Tune offers a Crash Replacement in addition to the legal warranty. The service can be engaged if your Tune product is damaged and not be rideable any more, due to a crash, accident or overload .

Conditions:

- Due to our huge products variety, the discount we can give, is assessed individually for every case.
- The damaged part is replaced by the same model. Tune reserves the right to replace the damaged part with an equal alternative.
- The damage has to affect the functionality of the component (optical damage is excluded).
- Damaged parts pass into the ownership of Tune.
- The Crash Replacement offer does not cover the costs of transport and labour.

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Außerhalb Deutschlands bitte Ihren zuständigen Distributor kontaktieren!



BORN IN THE BLACK FOREST BUILT TO ENJOY NATURE