SPORTENZIA

FITTING GUIDE

M4 TITANIUM BRAKE CALIPER BOLTS, WITH RETAINING CLIPS

Two TC4 titanium pad retaining bolts, supplied with their retaining clips, for Shimano disc brake calipers and compatible systems using an M4 bolt. Step-by-step fitting and checks before you ride.



REF. VIM4GOLD · M4 × 26 MM, 3 MM ALLEN KEY · TITANIUM, 2 BOLTS + 2 CLIPS

Before fitting

- Compare with the original bolt: same M4 thread, same length, socket head for a 3 mm Allen key.
- Have a 3 mm Allen key, small pliers and, if possible, a torque wrench to hand.
- Work with the bike steady and clean hands: no grease or oil on the pads or the rotor.

Replacing a bolt

1. **Remove the clip** from the old bolt with pliers, at the tip, on the side opposite the head.
2. **Unscrew the old bolt** with the 3 mm Allen key, holding the pads and their spring in place.
3. **Insert the new bolt** through the caliper, the pads and the spring, then thread it in by hand. If it binds, back it out and realign.
4. **Tighten** with the Allen key, to 2 to 4 Nm. If your caliper maker gives a lower torque, follow theirs.
5. **Fit the clip** into the hole at the tip of the bolt, until it holds on its own.
6. **Pull the lever** several times, then spin the wheel: it turns freely and brakes firmly.

If something goes wrong

SYMPTOM	LIKELY CAUSE	FIX
Bolt binds	Pads or spring out of line	Back the bolt out, realign, thread in by hand
Clip will not stay	Not fully seated in the hole	Reposition it with pliers
Rubbing or weak braking	Pads badly seated, rotor or pads contaminated	Reseat the pads; clean the rotor, replace oily pads



Bolt fitted in the caliper, clip at the tip.

Specifications

Material	**TC4 titanium**	Dimensions	**M4 × 26 mm**
Head	**Hex socket**	Tool	**3 mm Allen key**
Torque	**2 to 4 Nm**	Contents	**2 bolts + 2 clips**

YOUR BRAKING DEPENDS ON IT

- Never ride without the clip: it holds the bolt if it works loose.
- Do not squeeze the lever with no pads or rotor in the caliper: the pistons would pop out.
- After fitting, test your brakes at low speed before riding on the road.

Need help?

sportenzia.com/pages/contact

Our team answers your questions about compatibility and fitting.

© 2026 Sportenzia. All rights reserved.