

Shuriken Oversize Pulley

FAQ

Q: Why do I need an oversize pulley?

A: Shuriken oversized pulley system improves the drivetrain efficiency regardless of speed, power and riding condition.

Q: What's the main feature of the TOKEN Shuriken Oversize Pulley?

A: Token Shuriken oversized pulley system is designed for maximum performance without no compromise.

- **Specially-developed grease filled TBT ceramic bearings for durability and low friction.**
- **Function-specified tooth profile for quick shifting of the top pulley, and super-smooth running of the bottom pulley.**
- **PVD (physical vapor deposition) coated pulleys for long-lasting low friction and aesthetics.**
- **Three B knuckle spring attaching holes for a wide range of cages/chains tension adjustment.**

Q: Can I install it by myself? And if so, how?

A: The Shuriken pulley system can be installed by any experienced mechanic. Only a high quality T15 (torx) tool is needed.

Q: Do I need to change the chain when installing the oversize pulley?

A: Although it needs two extra chain links on average, we recommend keeping the original chain length first. Once the pulley is installed try all gears carefully and see if it is needed to add extra chain links or use a completely new chain.

Q: Why does TOKEN use 12T + 19T pulley? Not 16T + 16T or 13T + 19T like most of the other brands?

A: We all know that a bigger pulley has a lower drag as it spins slower. However, the top pulley has its limit. If it's much bigger than the original size, the B-tension screw adjustment becomes tricky as the pulley tooth will touch the largest cog(s), and degrades shifting performance or even causes damage to the drivetrain eventually. Our research and development shows that 12T is the best balance for the top, and 19T for the bottom, perfect for efficiency and light weight.

Q: Most of the alloy pulleys are noisy. How does TOKEN overcome the noise issue?

A: Chain noise comes from the bottom pulley most of the time as the chain enters it at various angles. The 19T bottom pulley of Shuriken is designed for super smooth running and is as quiet as a plastic pulley.

Q: Would it affect the shifting performance?

A: No. With little adjustment the Shuriken oversized pulley system shifts perfectly every time.

Q: How should I maintain the Shuriken Oversize Pulley?

A: We recommend disassembling the Shuriken oversized pulley system, opening the seal and re-greasing the bearings every 2,000km. The maintenance interval should be shorter when riding in rainy or muddy conditions frequently.

Q: Does the Shuriken oversize pulley compatible with Shimano conventional & SHADOW derailleur?

A: Shimano had adopted their latest higher-end road rear derailleurs to “SHADOW” design, like their MTB models for narrower profile and better chain retaining. Thus, the pulley cage is not interchangeable between the newer generation and the older.

As the newer generation derailleur is becoming more popular and should keep growing in the near future, our Shuriken oversize pulley system is designed for the newer generation and is NOT compatible with the older one.

For more info about Shimano SHADOW, please refer to

<https://bike.shimano.com/en-EU/technologies/component/details/shimano-shadow-rd.html>