

New!



POWER SLEEVE series SHPF (BB86) PWS

In the popular POWER SLEEVE Series, the long awaited Shimano Press-fit BB86 model is finally available! Left & right integrated structure, superior rotation performance, dust & water-proofing mechanism, high rigidity, and reusable.

POWER SLEEVE

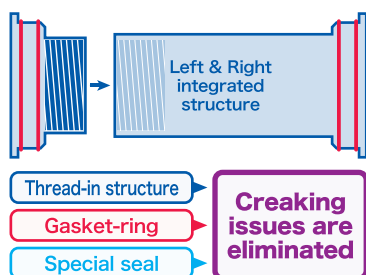
BB with special **Creak-free structure**, left & right cups integrated. CNC machined with ultra-high precision, featuring **thread-in structure** and **gasket-rings**, this unique structure solves noise issues. Also, **special seal** keeps dust & water out of bearing. For Sugino IDS24 and Shimano Hollowtech II cranks.

Thread-in structure

Left & right cups are integrated by thread-in structure and sandwiching shell between them to prevent motion. Gasket-ring helps maintain secure fitting during many rides. Added rigidity around BB area ensures power transmission.

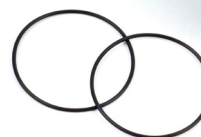
Gasket-ring

Original system for secure fitting. Power Sleeve has optimum clearance between cup and shell. Gasket-rings fill the clearance and provide secure fitting.



SHPF (BB86) PWS SUPER CERAMIC CONVERTER

- 1 PF BB86
- 2 41mm
- 3 86.5mm
- 4 TL-PWS BB wrench set
TL-PWS 86 tool set



PWS Gasket-ring set for SHPF

**WATER
PROOF
DESIGN**

Made-in-Japan highest grade, high precision, ceramic bearing is used. The extremely low friction feature ensures super smooth rotation. Cyclists need to adjust power and cadence, so the ceramic bearing is most effective as less energy is required to turn pedals. It offers remarkable performance gain in competitions requiring high power output.



Friction-free seal structure offers great protection against dust and water without impairing rotation performance. Gasket-rings fill the clearance between surfaces, keep out water effectively, and help prevent troubles of internal cables of electric components. Sugino BB is superior in both rotation and waterproof performances to others.



SUPER CERAMIC

POWER SLEEVE List

TOOL



BB386EVO-IDS24 PWS
SUPER CERAMIC CONVERTER



PF30-IDS24 PWS
SUPER CERAMIC CONVERTER



PF30A-IDS24 PWS
SUPER CERAMIC CONVERTER



BB30-IDS24 PWS
SUPER CERAMIC CONVERTER



BB30A-IDS24 PWS
SUPER CERAMIC CONVERTER

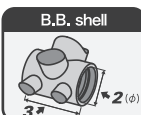
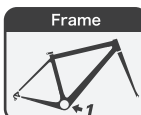


TL-PWS BB wrench set



TL-PWS 86 tool set

	Press Fit				
	BB386EVO	PF30	PF30A	BB30	BB30A
1	BB386EVO	PF30	PF30A	BB30	BB30A
2	46mm	46mm	46mm	42mm	42mm
3	86.5mm	68mm	73mm	68mm	73mm
4	TL-PWS BB wrench set TL-PWS 86 tool set	TL-PWS BB wrench set			



Crank compatibility

- Sugino : IDS24
- SHIMANO : Hollowtech II (φ24mm axle)



*Dedicated tools are required for installation and removal.

SUGINO ENGINEERING CORPORATION

<https://www.suginold.co.jp/us/>
without notice due to continual improvements.



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