

# New!



POWER SLEEVE series

# SHPF (BB86) PWS STEEL Ver.2

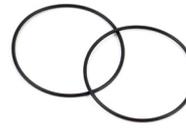
New cost-effective version, SHPF (BB86) PWS **Steel Bearing model!**

POWER SLEEVE is the special left & right integrated BB with many features.



Frame	PF BB86
BB shell inner diameter	Φ41mm
BB shell width	86.5mm
Crank axle type	IDS24 (Φ24mm axle)
Color	Silver

**IDS 24** ⇔ **HOLLOWTECH II**  
IDS24 is compatible with Shimano Hollowtech 2.



Gasket-ring set S132

## POWER SLEEVE

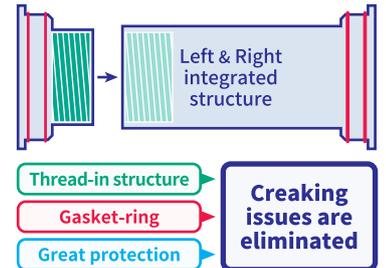
The **left & right cups integrated BB** for press-fit BB frame with **thread-in structure** and **gasket-ring** for eliminating the creaking noise, reusable as the special structure allows easy installation & removal and minimizes the damage on both BB and BB shell, which facilitates the maintenance of internal cables.

### 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 smooth and secure fitting incorporating the optimum clearance between cup and shell. Gasket-rings fill the clearance and provide secure fitting. The system offers **great protection against dust and water**, prevents ingress of contaminants to the BB shell.



### Seal system

The unique low friction seal shuts out dust and water, while realizing even smoother rotation.

The replacement gasket ring available (sold separately).

## POWER SLEEVE List



### Thread-in (left & right cups integrated)

	PF BB86	BB386EVO	PF30	PF30A	BB30	BB30A
1						
2	Φ41mm	Φ46mm	Φ46mm	Φ46mm	Φ42mm	Φ42mm
3	86.5mm	86.5mm	68mm	73mm	68mm	73mm
4	TL-PWS BB wrench set & TL-PWS 86 tool set			TL-PWS BB wrench set		

<b>Frame</b> 	<b>BB shell</b> 	<b>Tool</b> 			<b>Crank compatibility</b> Φ24mm through axle ○ Sugino : IDS 24 ○ Shimano : HOLLOWTECH II
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SUGINO ENGINEERING CORPORATION



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



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