

Hyper BB

30mm Axle

BSA68/73 - T47 - ITA70

DESTINATION

Road, Gravel, X-Country, Enduro.

FRAME BB PREPARATION

1) BB shell faces should be parallel, $\pm 0.05\text{mm}$ tolerance and $\pm 0.2\text{mm}$ from nominal width.

If necessary file faces with the specific common tool.

2) Moisture draining: drill $\varnothing$ 3.5 to 5mm drain hole.

Stagnant moisture or water may damage steel bearings in few weeks.

WARNING: Incorrect / incomplete 1,2,3 set-ups can significantly reduce bearing life and performance.

GUIDELINE

Never use high-pressure spray washing directly the bearings. Clean BB externally with warm water and soap.

Periodically clean BB internals: every 12 months in normal and dry conditions, every 6 months in wet conditions and always before leaving the wheel un-used for more than 1 month.

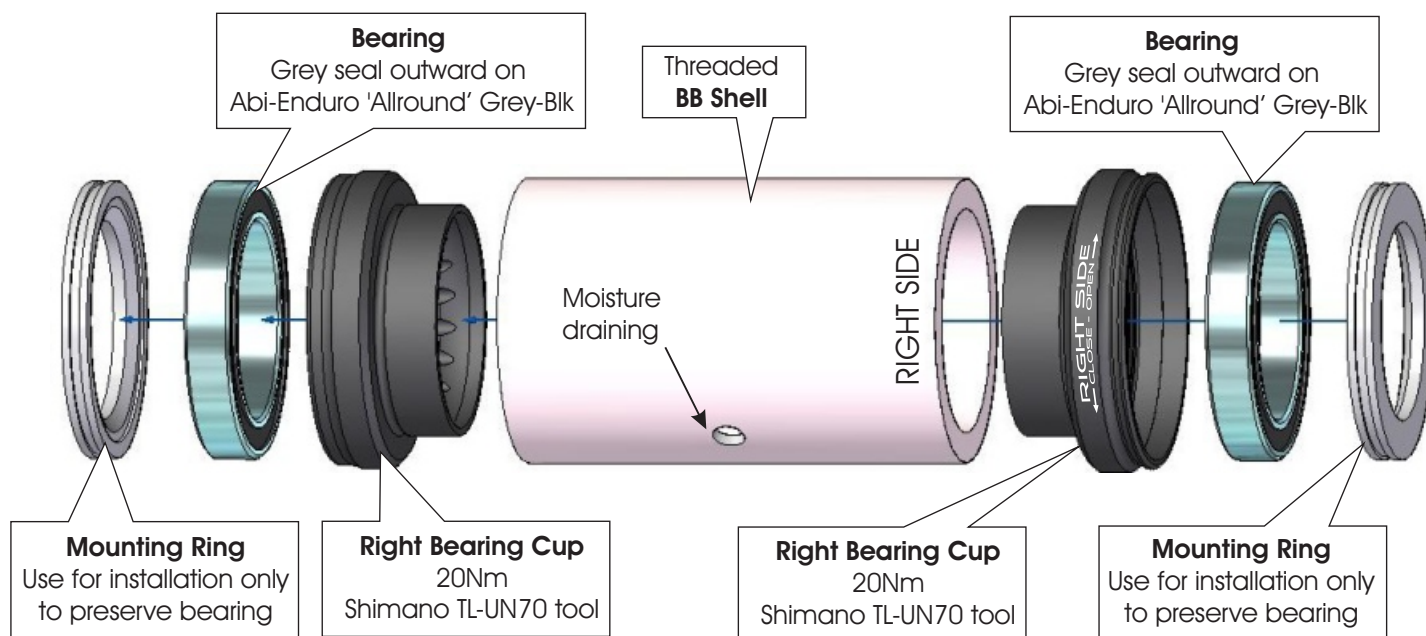
WARNING: Water and moisture stagnant inside hub can permanently damage bearings.

BEARINGS

PLUS

MINUS

 Average best choice for dry environments and occasional bike washing	High mileage Good rolling resistance High impact resistance	Sensible to water & moisture inside the hub
 Average best choice for humid environment and/or frequent bike washing	High corrosion resistance Highly resistant to water/moisture Medium-high impact resistance	Medium mileage Medium rolling resistance
 Best choice for max racing performance and durability	Low rolling resistance - Low weight High mileage - High impact resistance Highly resistant to water/moisture	Installation requires attention
 Best choice for max racing performance and durability	Low rolling resistance - Highest mileage Fully openable and rebuildable Highly resistant to water, moisture and salt	Installation requires attention Expensive



INSTALLATION

Clean BB threads and slightly grease.

1) Install both Bearing Cups (without bearings).

2) Tighten both Cups (20Nm) on BB Shell with Shimano TL-UN70 tool.

3) Use a common headset installation tool and the supplied Mounting Rings to install bearings.

See drawing for correct Mounting Rings positioning.

WARNING: Use Mounting Ring to avoid bearing damage.

4) Remove Mounting Rings (keep them for future installation).