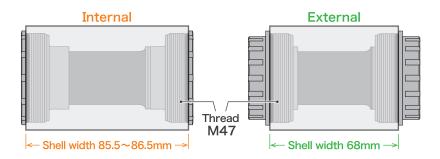


T47ex-IDS24 T47in-IDS24

In addition to the popular Internal type, we offer External Type in T47 Series, with the choice of bearings, ceramic or steel.

A wide range of Sugino T47 variants

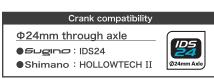
T47ex-IDS24 STEEL New! external T47ex-IDS24 SUPER CERAMIC external T47in-IDS24 STEEL New! internal **T47in-IDS24 SUPER CERAMIC** internal



T47in-IDS24 STEEL Silver T47in-IDS24 SUPER CERAMIC Dark gray

*Dark grey will be discontinued and switched to black after the current stock has run out.









Seal system

The waterproof & dustproof performance is further ensured by the sophisticated super-low friction seal system while realizing even smoother rotation, which is completely unique.



Due to special seal system, the bearings don't require internal maintenance.



Made-in-Japan highest grade, high precision, ceramic bearing is used. The extremely low friction feature ensures super smooth rotation.

Gasket-ring

The gasket-rings provide secure fitting and keep water out of the frame. No thread locking agents (such as Lock Tight) are required. BB can easily be installed, removed and reused without fitting degradation, making the BB shell ideal maintenance hatch for internal cables.



