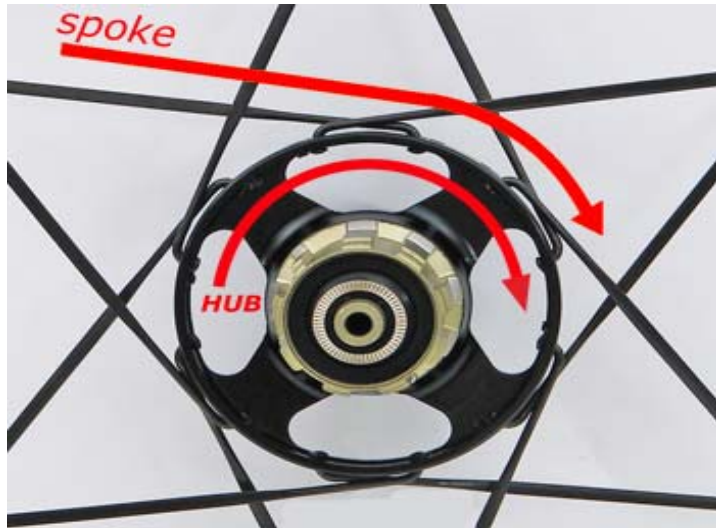




A hub is used to transmit power and can be classed as a coupling. The power is in the form of mechanical torque at some speed. In general the power lost by a flexible coupling is enough to waste up to 15% of the energy you use to pedal your bike.



Bolzano Hub



Normal Hub

Bolzano hub is not just efficient, it is downright amazing. The design ensures the spokes leave the hub at a tangent and are hooked into the eyelet machined into the hub rather than twisting a spoke through a hole and lacing it into position. The tolerance on the machining of the key holes is less than 0.05 mm to ensure the perfect fit and prevent spoke movement which causes your wheel to act like a sponge and soak up your energy being transmitted in pedalling. An equal power source to drive output. In other words you get more forward drive from your effort

This design prevents the torque transmitted by the rider, flexing the hub under load; instead the hub transmits the power via the unique Pro-Lite spokes which are designed to withstand in excess of 30% more loading than any other spokes on the market. Therefore we can build the wheels to incredible loads that allow you the rider to go faster using the same power you would on another wheel.

The phrase "those wheels are really fast" is something we have heard so many times from both pro riders and amateurs. To assist with maintaining stability within the wheel set, the hubs are constructed using the finest Japanese EZO bearings that will ensure lower rolling resistance and durability that will outlast any other bearing available today. The rear hub is constructed with five bearings, so no matter how big the rider, the hub remains completely stable at all times. The front hub uses two bearings and despite its size, has to be one of the lightest front hubs on the market today.