



Get the Keys to Unlock Longer Life for Your Drilling Motors!

Most motors in the industry today are designed with universal joints that drive clockwise while rotating. When stick-slip occurs, the universal joint is frequently subjected to cyclical backlash (reverse rotation).

When backlash occurs, the universal joint disengages from the driving faces, resulting in extreme shock loading to the drive surfaces as they re-engage with each other at a high angular velocity. These high impact and high cyclical loads can lead to premature wear and sometimes catastrophic failure.

Turbo Drill Industries has designed, manufactured, and patented HTK, a secondary set of drive keys created for the sole purpose of mitigating reverse rotation in the universal joint, thereby mitigating catastrophic damage to motor lower ends. This patented technology has proven to increase reliability and extend the life of drilling motors dramatically. HTK is self-aligning and maintains minimal backlash throughout all motor bend configurations.

HTK can be customized to your existing bearing assemblies and is available with product and service options. To learn more, please contact Gary Grissom at HTK@turbo-drillind.com.

Get the keys to extending the life of your drilling motors!

