



# QUICK CONNECT INTERCONNECT

The Interconnect is an important part of the MWD Tool. It connects each component of the MWD tool string to ensure they work as one cohesive unit. Prior designs use a rigid mounted halfmoon connector causing them to break down prematurely by exposing them to the vibration and shock seen while drilling. Focus Tools has developed an interconnect that will not break down mechanically while improving the amount of stress the MWD Tool can withstand.

## Features and Benefits

- Easy connect Focus ratcheting connector
- Proprietary blend of non magnetic carbide coating to reduce the amount wash sustained in harsh fluid environments
- Molded fins or bolt on fins
- Less connections between components
- Shorter and lighter Benefits
- Dramatic decrease in power failures
- Eliminates potential damage due to accidental misalignment while building tool
- Isolates from vibration and shock
- Results in less damage by having less mass and momentum build up by drilling dynamics
- All components are rated to 200° C
- Proprietary thread design (4 x greater linear travel per rotation). This means it will only take 1.75 turns to make the connection which reduces the stress on the pigtail used in a similar design
- Less initial cost than competitions interconnects
- Operational costs are reduced by better aero dynamic design, and half the amount of connectors required. **Estimated more than 75% savings on monthly maintenance costs over legacy systems**

