

# Express Downhole

**Drilformance**

## MUD MOTOR ADVANTAGES

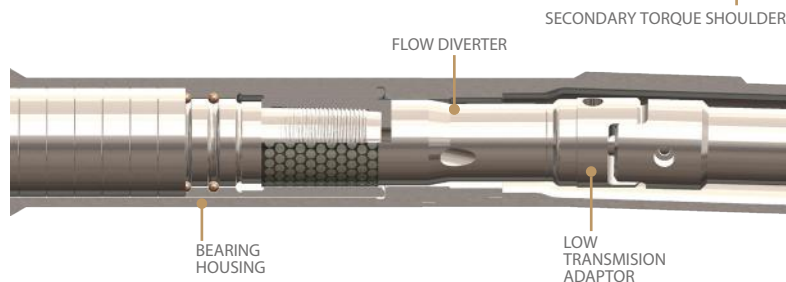
### PROPRIETARY HIGH TORQUE CONNECTIONS

- Unique rounded thread design
- Reverse torque shoulder
- Reduced breakage by up to 90 percent



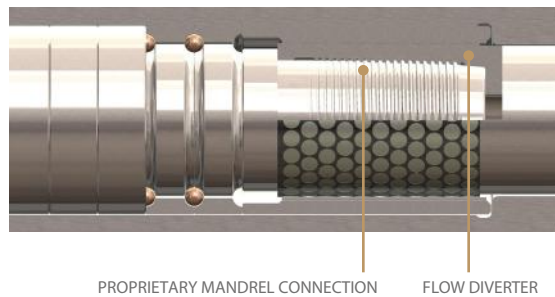
### HIGH TORQUE DURABLE TRANSMISSION

- Motor Assembly dual function as Backup Catch
- Lower Transmission Adaptor functions as secondary catch system
- Eliminates loss of motor components downhole



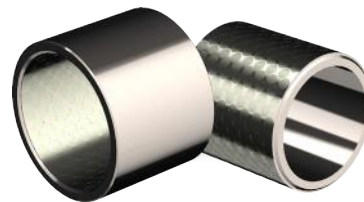
### REINFORCED MANDREL PIN CONNECTION

- Proprietary taper thread design on connection
- Evenly distributes stress across thread connection
- Eliminates stress isolations and loss of material



### MICROSYNT™ RADIAL BEARINGS

- Spiral array with carbide surface
- High density spherical carbide matrix
- Longer life than conventional, clad-type bearings
- Consistently high performance in harsh environments
- Exceptional wear resistance



### MANDREL CATCH SYSTEM

- Locked Radial Sleeve
- Three way locking system includes Mandrel, Torque Nut, and Lower Outer Radial Endcap
- Eliminates loss of Mandrel and Bit downhole due to Mandrel Pin breakage

