



UNIVERSAL JET THRUSTER (UJT)

NEXT GENERATION MILLING TECHNOLOGY

The Universal Jet Thruster (UJT) Smart-Jet Sub is placed below a motor between the bit and the motor’s bit box (can also be used with wash nozzles, spinning wash tools & Venturi Tools), with flow opening multiple, 45° up-hole facing ports to the annulus while isolating flow through the mill face. With only 180# of WOB applied, the UJT seamlessly & automatically switches back and forth from “Thruster Mode” back to “Milling mode”.

The UJT assists Friction-Breaking Tools with ROP, overcoming the hydraulic-effect while in “Thruster Mode”. Hole cleaning, debris recovery & debris management has never been greater!

Design Features:

- Reduces the Need for Wiper Trips
- Reduces Chemical Use to Achieve Target Depths
- Interchangeable Thread Connections (Thread “Up”)
- Torsional Yield 7,500 ft-lbs.
- Tensile Yield 71,428 daNs (160,000#)
- UJT Automatically Sequences From “Milling Mode” to “Thruster Mode” Seamlessly & Automatically, NO DROP BALLS REQUIRED
- Pressure Drop in “Thruster Mode” (Venturi Effect) Eliminates Hydraulic Forces & Increases ROP
- Compatible with Water, KCl, N2, Acid, Light Mud, Friction Reducer, Lost Circulation Material (LCM)
- Greater Debris Recovery
- Next Generation Milling Efficiency

TECHNICAL SPECIFICATIONS

TOOL OD	PIN-UP CONNECTION	BOX-DOWN CONNECTION	TENSILE YIELD	TORSIONAL YIELD	MAX FLOW RATE	TEMP RATING
73.0mm/ 2.875"	2-3/8" PAC	2-3/8" PAC	71,428 daNs 160,000 lbf	7,500 ft-lbs	1 m ³ / min 6.29 bbl/ Min	Unlimited- (O-Ring Dependent)
79.4mm/ 3.125"	2-3/8" REG	2-3/8" REG	71,428 daNs 160,000 lbf	7,500 ft-lbs	1 m ³ / min 6.29 bbl/ Min	Unlimited- (O-Ring Dependent)
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HydroPull™
Certified