



# 500 Series Core Barrel

## An Innovative Conventional Slimhole Design

### Benefits

- Largest diameter core in 6" hole size
- Delivers 3" OD core in as small as 6" hole size
- Faster coring at low bit weight from high-efficiency cutting structure
- 14.28% increase in core diameter
- 50% longer runs vs. traditional industry designs
- 13.3% decrease in Kerf Area
- Deep leached cutter technology



### SPECIFICATIONS

Hole Size Range	6-1/8" - 7-1/2" (156 mm to 191 mm)
Core Diameter	3.00" (76 mm)
Outer Tube OD	5.00" (127 mm)
Top Connection	3-1/2 IF
Length	30 ft increments (9 m increments)
Make-up Torque	7,900 ft lbs (11,000 Nm)
Yield Torque	12,000 ft-lbs (16,000 Nm)
Tensile Yield	275,000 lbs (122,000 daN)
Weight-on-Bit	4,000 - 13,000 lbs (1,800 daN - 5,800 daN)
Fluid Flow Range	175 - 250 gpm (660 - 950 l/min)

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