

HT30 Max core barrel system

Get bigger, longer,
high-quality core samples

The **HT30™ Max core barrel system**, from Baker Hughes meets the need for larger core samples in the 8½-in. hole section range. It also reduces core acquisition costs by acquiring longer, high-quality core samples per run, even in harsh environments. The HT30 Max system is an extension of our industry leading **HT Series™ coring system** platform.

Coring operations have become more challenging as tougher conditions such as deepwater applications become the norm, where temperature, pressure, depth, mud weight, and other parameters directly affect and diminish barrel length and reliability, resulting in increased cost for core acquisition.

This is why the HT30 Max system integrates improved hydraulic capacity and stronger inner tubes to operate more reliably in challenging conditions, maximizing operational thresholds and barrel length.

The system can be combined with our **JamBuster™ jam mitigation coring system** and our **LaserCut™ quick access coring system** to deliver a 4-in. core size. For conventional coring, an unmatched 4½-in. core can be delivered.

Heavy duty outer barrels, double shouldered high torque connections, spiral-blade stabilizers and application specific bits, combined with the improved hydraulic capacity and the dimension optimizations from the HT30 Max system, result in a system that delivers everything operators need for the 8½-in. hole section range for conventional, jam mitigation, and quick access coring applications.

The HT30 Max system can be combined with our non-rotating inner tube stabilizers to prevent mechanically-induced core fracturing during long coring runs, and enable quick and efficient surface processing. It can also be combined with the **CoreGard™ low-invasion coring system** to reduce filtrate invasion of the core for better core analysis.

The core bit technology used by the HT30 Max system integrates superior stability control, cutter efficiency, higher ROP, and greater durability to deliver longer core runs and the highest quality samples.

Our **Talon™ Core high-efficiency PDC bits** and **IRev™ Core impregnated core bits** cover virtually any coring application.

Applications

- Enhanced coring operations
- High-torque, long-footage and high-angle applications
- HPHT operations

Features and benefits

- Dimension optimizations
 - Delivers bigger core samples
 - Improves core recovery and maximizes core analysis
- Improved hydraulic capacity
 - Maximizes operational thresholds to operator more reliably
 - Maximizes barrel length even in very tough environments
- HT Series platform benefits
 - Double-shoulder, high torque connections to maximize torsional strength
 - Resists bending and protects the core from damage
 - Reduces vibration to ensure core integrity and increase wear resistance
- High efficiency core bits
 - Talon Core high-efficiency PDC bits integrate enhanced hydraulics, cutter efficiency, stability control and durability

To see how your coring operations could be improved with the HT30 Max system, contact your representative.

HT30 Max system specifications

Barrel diameter	7¼ in. (184.15 mm)
Hole size	8 ³ / ₈ in. (212.73 mm) and bigger
Core size (conventional)	4½ in. (114.30 mm)
Core size with JamBuster	4 in. (101.60 mm)
Makeup torque	30,000 ft-lbf (40,675 Nm)
Yield overpull	591,000 lbs (2,630 kN)
Dogleg severity	
• Sliding	12°/100 ft (30 m)
• Rotating	4°/100 ft (30 m)

