

# Wired ShockForce Drilling Jar

We designed the Wired ShockForce™ double-acting hydraulic drilling jar for exceptional performance, reliability, and safety with the most innovative high speed, bi-directional data network downhole technology. Its modular design improves safety and ease of use during drilling and jarring operations while fully integrated into the IntelliServ broadband network telemetry system.

The Wired ShockForce drilling jar features the longest free stroke lengths available, giving you industry-leading impact forces. The jar is hydrostatically balanced, allowing for operation in drilling environments up to 30,000 psi. Plus, the Safety Lock module and JarMax technology make the Wired ShockForce drilling jar the safest and hardest-hitting jar we've ever engineered. The tool includes state of the art and latest generation V2 induction coils on connections, and armored coaxial cable throughout the tool to transmit high-speed data from downhole tools to surface in real-time.

### Technical data

<b>OD</b>	6.5 in.	8 in.
<b>ID</b>	2.75 in.	3.06 in.
<b>Max hole diameter</b>	12.25 in.	17.5 in.
<b>Length</b>	40.1 ft.	42.2 ft.
<b>Weight</b>	2,833 lbs	4,800 lbs
<b>Stroke up</b>	9 in.	9 in.
<b>Stroke down</b>	8 in.	8 in.
<b>Torsional yield</b>	51,000 ft.lb	123,000 ft.lb
<b>Jarring load up/down</b>	182,000 lbf	325,000 lbf
<b>Max tensile load to yield</b>	92,000 lbf	1,610,000 lbf
<b>POA</b>	10.75 in <sup>2</sup>	15.25 in <sup>2</sup>
<b>Connection type</b>	wDS50	wDC58
<b>Coil version</b>	V2	V2

6.5 in. Base series/assembly #505357 and wired series/assembly #507357/005. 8 in. Base series/assembly #505636 and wired series/assembly #507358/005 6.5 in. Wire kit PN# KTF0094 and 8 in. wire kit PN# is KTF0093  
All Wired ShockForce Drilling Jar connections have last generation V2 coils  
Additional connection types: 6.5 in. - GPDS50, wTT550, XT57  
8 in. - DC58, XT57, wTT585, wGPDS65



### Features and benefits

- 100% integrated into the IntelliServ broadband network with an average of 97% reliability and network uptime.
- Connectivity and real-time data transmission through the jar – high-speed, bi-directional downhole data transmission to surface with up to 57,600 bits/sec
- State of the art and last generation V2 coils & armored coaxial cable for high-speed data transmission
- Longest free stroke lengths available – generates higher impact and impulse forces
- Hydrostatically balanced – operational to 30,000 psi
- Improved sealing technology – delivers reliable, consistent impacts under extended jarring
- Integrated elevator lift area – cost savings from reduced handling time
- Safety Lock module – eliminates the need for a traditional safety collar
- Eliminates risks of fall & pinch hazards
- Reduces handling operations
- JarMax technology – ensures the hardest hits and prevents jarring damage to the tool