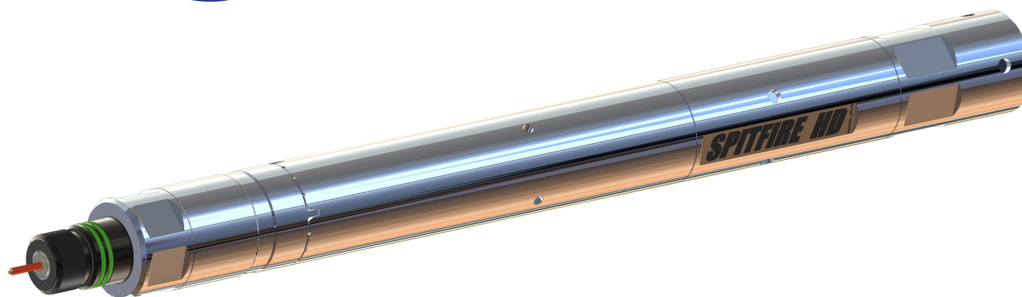


SPITFire HD® SPITFire HD® Release Tool



Mechanical Specifications

Outside Diameter (in / mm)	2.75 / 69.85
Make-up Length (in / mm)	29.2 / 742
Approximate Weight (lbs / kg)	41 / 19
Upper and Lower	1-5/8"-6 Acme (GO B)
Fishing Method	2.75" Overshot

Operational Specifications

Pressure Rating (psi / MPa)	25,000 / 172.4
Temperature Rating (°F / °C)	350 / 175 (explosives limited*)
Tensile Strength (lbs)	100,000
Shock Rating (G)	20,000 3 Axis Minimum
Maximum Moment Force (lb-ft)	8,000

*Refer to explosives datasheet. Be careful to not exceed 300°F with RDX. HMX boosters are available.

Electrical Specifications

Pass Through Voltage (V)	600
Pass Through Current (A)	3

Impact Selector's SPITFire HD® Release Tool allows the wireline service company to reliably release the downhole tools in the event that the tool string becomes stuck in the wellbore. This avoids wire breaks, and facilitates the efficient and clean retrieval of the tool string using a conventional fishing overshot.

Features and Benefits

- ▶ Capable of withstanding 400+ runs between maintenance cycles.
- ▶ Ballistic Frangible Joint based tool.
- ▶ Tested with DynaEnergetics Dynaselect detonators, Austin A-140F detonators, and Teledyne Bridgewire detonators.
- ▶ High tensile strength.
- ▶ Compatible with jars.
- ▶ Compatible with Warrior Well Logging System and commercial perforating switches.
- ▶ Compatible with addressable and E.B. switches.
- ▶ Integrated "plug and play" Switch Carrier allows easy removal and replacement of the detonator within minutes with no external wiring required.