

# SPITFire® Release Device



## Mechanical Specifications

Outside Diameter (in / mm)	2.125 / 53.98	2.75 / 69.85
Make-up Length (in / mm)	29.625 / 752.48	32 / 813
Weight (lbs / kg)	22.3 / 10.12	38 / 17
Upper and Lower Connections	1-3/16"-12 UN (GO A)	1-5/8"-6 Acme (GO B)
Fishing Method	2.125" Overshot	2.75" Overshot

## Operational Specifications

Pressure Rating (psi / MPa)	25,000 / 172.4	25,000 / 172.4
Temperature Rating (°F / °C)	350 / 175 (explosives limited*)	350 / 175 (explosives limited*)
Tensile Strength (lbs)	50,000	100,000
Shock Rating (G)	5,000 3 Axis Minimum	5,000 3 Axis Minimum
Maximum Moment Force (lb-ft)	5,000**	7,000

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

\*\*Measured at center of tool. May vary due to field connections.

## Electrical Specifications

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

### Impact Selector's SPITFire® Release Device

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

- ▶ 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.
- ▶ Split ring allows removal and replacement of the detonator within minutes.



**IMPACT SELECTOR™**  
Intelligent Conveyance® Technologies



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ISO 9001-2015 / ISO 45001-2018  
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