

KRAKEN PERFORATING GUN

The Kraken® propellant-enhanced perforating gun is designed to overcome the reservoir-damaging effects of conventional perforating gun systems. The propellant boosters contained inside the Kraken gun are based on the same progressively burning propellant technology used in our GasGun® stimulation tools. Progressively burning propellants have been proven by independent research to be many times more effective in creating fractures—a key advantage that sets our tools apart from the competition.

Features and Benefits

- Compatible with shaped charges that create a 0.32-in. or larger entrance hole.
- Standard shot density of 4 shots per foot; can be customized to 1 to 6 shots per foot upon request
- Compatible with simultaneous- or select-fire systems.
- Conveyance by wireline, pump down, TCP, coiled tubing and tractor.
- Perforates and stimulates the reservoir in one trip.
- Creates fractures in every perforation tunnel.
- Prepares the well for hydraulic fracturing by breaking down the formation first with the Kraken gun system.
- Improves the effectiveness of acidizing by fracturing first with the Kraken gun system.
- Removes skin and cleans up the wellbore damaged by perforators, drilling fines, cement, paraffin, mud cake, etc.
- Reduces treating pressures, improves flow rates and minimizes the effects of tortuosity.



Type	2.75-in Kraken Perforating Gun (60° Spiral System)	3.125-in Kraken Perforating Gun (60° Spiral System)
Propellant booster part number	KRAK-1.6-1.25	KRAK-1.7-1.25
Nominal OD	2.74 in. [70 mm]	3.125 in. [79 mm]
Max. shot density	6 spf [20 spm]	6 spf [20 spm]
Max. pressure	20,000 psi [138 Mpa]	20,000 psi [138 Mpa]
Max. temperature	280°F [138°C]	280°F [138°C]
Recommend detonating cord	80 grains/ft	80 grains/ft
Typical gun swell	2.97 in. [75 mm]	3.48 in. [88 mm]

Warning: Exceeding maximum temperature ratings can result in unintentional detonation.

280°F [138°C] maximum temperature rating is for a 1-hr exposure.

260°F [127°C] maximum temperature rating is for a 10-hr exposure.