

DESCRIPTION

The DynaEnergetics Fragmenting Gun System is a non-retrievable single-use gun system whose components fragment into small pieces or shards during detonation. After the gun is fired, the debris drops to the bottom of the wellbore in wells with inclinations up to 50°. The gun design is optimized to produce minimal debris after detonation, saving additional drilling costs as compared to conventional shoot and drop. The fragmenting gun utilizes bigger charges and/or higher shot densities than comparable systems with similar outer diameters. Due to the exposed system, swell is not considered.

The Fragmenting Gun is designed to minimize operational risks, deliver higher performance, and to achieve lower total cost of operations. These benefits combined with the flexibility to be conveyed on TCP, coiled tubing, and wireline introduces a new advancement into the perforating market.

FEATURES

- Only 15 - 50% of gun length needed for rat hole depending on tubing or casing size
- Uses latest shaped charge technology, like DP3 and DPEX
- Available with DP, GH, BH, and DPEX charges
- Can be run on TCP and wireline
- Eliminates dynamic under balance
- Compatible with all DynaEnergetics electronic, RF-Safe detonators

Fragmenting Gun	2.25"	4.625"
Gun Type	Fragmenting Gun	Fragmenting Gun
Outer Diameter	58 mm / 2.25"	118 mm / 4.625"
Pressure Rating	100 MPa / 14,500 PSI	100 MPa / 14,500 PSI
Temperature Rating	150°C / 300°F for 12h	150°C / 300°F for 12h
Tensile Strength	6,000 N / 1,350 lbs	19,600 N / 4,400 lbs
Compressive Strength	6,000 N / 1,350 lbs	19,600 N / 4,400 lbs
Gun Length	3, 6, 10, 13 or 19 ft	3, 6, 10, 13 or 19 ft
Gun Weight	3.4 lb/ft (6 spf)	9.9 lb/ft (12 spf) / 11.5 lb/ft (15 spf) / 13.1 lb/ft (18 spf)
Shaped Charge Type	15g DP, DPEX, GH or BH, HMX	23g DP, DPEX, GH or 30 BH, HMX
Shot Density	6 spf	12, 15, or 18 spf
Shot Phasing	60°	45° / 120°

