

BENEFITS

- High-pressure rating that is suited for deep water
- High-shot density with maximum phasing that delivers a high-flow area of 9.52 sq. in./ft
- Reduces risk of screen washout by reducing pressure drawdown and flow rate per perforation
- Reduces risk of sanding production due to drag from fluid or gas turbulence
- Reduces risk downhole for mechanical problems related to charge debris during stimulation treatments
- Shot phasing that limits stress contrast and helps prevent tunnel-to-tunnel stress failures
- Maximized gun size with fishing ability in heavier wall casings
- Charge debris that can be dissolved with acid

APPLICATIONS

- Provides an effective perforation solution focused on:
 - Deep water
 - Sand control completions
 - Stimulation completions
 - Gravel pack, frac pack, or high-rate water pack
 - Natural completions
- Can eliminate potential costs associated with sand production without mechanical segregation techniques
- Can eliminate potential issues associated with perforating debris

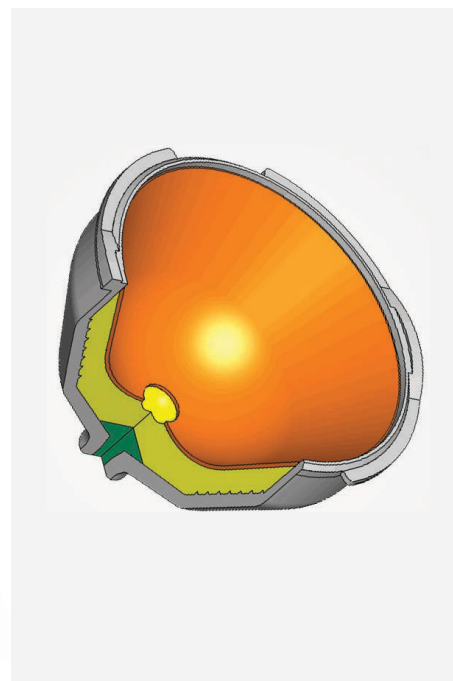
PERFORATING SOLUTIONS

6¾-in. 18-SPF MaxForce® flow low debris (LD) zinc system

Integrated cased hole

When you need a clean wellbore for a gravel pack, frac pack, or high-rate water pack, 6¾-in. 18-SPF MaxForce® Flow Low Debris (LD) zinc charges are the answer. This system offers all the advantages of the 6¾-in. 18-SPF MaxForce Flow LD zinc charges with the increased flow area that minimizes the pressure drop across the perforations. It also utilizes patented low debris charges.

- Maximum flow area
- Clean wellbore for a gravel pack, frac pack, or high-rate water pack
- LD zinc charges significantly reducing the mass and particle size of debris



6¾-in. 18-SPF MaxForce® flow low debris zinc charges

6¾-in. 18-SPF MaxForce® flow low debris (LD) zinc system specifications**SYSTEM TEST - API SECTION 1: 9⅞-IN. 62.8-LB Q-125 CASING**

Flow Area	9.52 sq in./ft
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Casing Hole Diameter (avg.)	0.82 in.
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Total Penetration (avg.)	6.1 in.
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MECHANICAL

Gun Outside Diameter	6¾ in.
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Pressure Rating	25,000 psi
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Tensile Rating	814,000 lb
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Connections	Standard gun threads (pin x box)
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Shots Per Foot	18 SPF 3/Plane
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Phasing	60°/120°
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CHARGE

390 MaxForce Flow, HMX, BH Charges	
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Explosive Load	39.0 g
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ENVIRONMENTAL

400°F for 1 hr	17.6 (8.0)
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For more information, contact your local Halliburton representative or visit us on the web at www.halliburton.com

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