

# Diamondback SL

## Short-length composite frac plug



Rated to 10,000 psi [69 MPa]



Rated up to 275 degF [135 degC]

### APPLICATIONS

- Vertical, deviated, and horizontal wells
- Zonal isolation during multistage stimulation operations

### BENEFITS

- Improves milling speed and reduces debris size
- Minimizes risk of presetting
- Minimizes fluid costs and environmental impact when used with pumpdown ring

### FEATURES

- Three-step procedure that simplifies assembly in the field
- Proprietary angled antextrusion backup system that offers 360° element support
- Positive clutch engagement with lower plugs to facilitate quicker mill times
- Optimized slip material and design to minimize milling time
- Range of setting options: wireline, coiled tubing, or threaded pipe
- Integrated shear ring design that simplifies assembly onto the adapter kit that connects to standard setting tools

The Diamondback SL\* short-length composite frac plug isolates zones in vertical, deviated, and horizontal wells during multistage stimulation. It is set using wireline, coiled tubing, or threaded pipe.

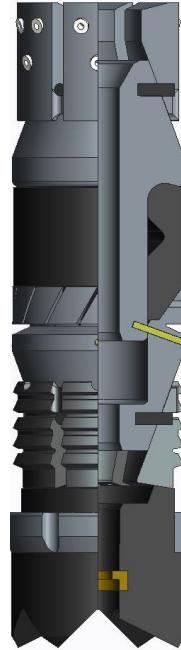
A one-way internal check valve is closed with a ball while the zone above the plug is fractured. The plug can be run with the ball in place or the ball can be dropped from surface when the plug is in position. The check valve allows free flow of fluids from below the plug after stimulation.

### Faster run-in speeds

Antipreset measures provide an industry-leading design that increases confidence at higher run-in-hole speeds.

### Faster millout and reduced debris size

Based on extensive experience with coiled tubing operations, the Diamondback SL frac plug is designed for milling out with minimum torque, generating cuttings that are easily circulated out of the well. The honeycomb slip design significantly improves breakup when milling and reduces the amount of metal in the well. Special clutch features at the top and bottom of the plug prevent spinning between plugs during millout, reducing millout time.



*Diamondback SL  
short-length composite  
frac plug.*

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## Diamondback SL Plug Specifications

Casing Size, in [mm]	Casing Weight, lbm/ft [kg/m]	Plug OD, in [mm]	Min. ID, in [mm]	Ball Diameter, in [mm]	Length, in [mm]	Pressure Rating, psi [kPa]	Temp. Rating, degF [degC]
5.500 [140]	17–23 [25.3–34.22]	4.380 [111]	1.13 [29]	1.750 [44]	15 [381]	10,000 [68,948]	275 [135]
4.500 [114]	11.6–15.1 [17.26–22.47]	3.5 [89]	0.87 [22]	1.25 [32]	13.1 [333]	10,000 [68,948]	275 [135]

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