



# STRATX<sup>®</sup> HELLFire<sup>®</sup>

GEOdynamics STRATX<sup>®</sup> HELLFire<sup>®</sup> offers a factory-loaded, plug-and-play, limited entry perforating system for unconventional reservoirs. STRATX<sup>®</sup> HELLFire<sup>®</sup> integrates EPIC<sup>™</sup> Switch addressable technology with industry-standard detonator options into a programmable initiation control (PIC) module, delivering an intrinsically-safe, deployment-ready design. Quick and simple gun-string assembly saves time and increases efficiencies at the wellsite.

STRATX HELLFire charges offer effective multistage plug-and-perf operations in shorter-bodied planar shot cluster carriers.

GEOdynamics delivers STRATX HELLFire carriers fully loaded to match customer specifications and preferences.

## FEATURES

- Operation-readiness eliminates wellsite handling effort and streamlines run-in execution
- Utilizes EPIC<sup>™</sup> Command state-of-the-art shooting panel
- Integrated EPIC<sup>™</sup> Switch technology (fastest configurable and programmable addressable on the market)
- Factory-installed shunted detonator, compatible with numerous industry-standard electric detonators
- Zero wired connections between guns and in tandem subs
- Disposable portless subs cut costs and reduce risk
- 3-1/8" and 3-3/8" carriers available as a turn-key system

## BENEFITS

- Top-fire configuration facilitates safe shipment of loaded perforating carriers (meets all DOT requirements)
- Streamlined, intrinsically safe, factory-assembled reliability
- Planar shot configurations offer one (1) to six (6) shot clusters using HELLFire<sup>®</sup> charge technology
- Shorter than competitor designs; 6-shot carrier length is 9.5"
- Completely disposable high efficiency perforating

### 3-1/8" HELLFIRE<sup>®</sup> CHARGES FOR EXTERNAL SCALLOPS

Product Name	Part Number	Perforating Condition	Explosive
HELLFire 26	EC2-31K0671-26	Fluid	6g, RDX
HELLFire 28	EC2-31K0671-28		6g, RDX
HELLFire 33	EC2-31K0771-33		7g, RDX
HELLFire 36	EC2-31K0771-36		7g, RDX
HELLFire 42	EC2-31K0771-42		7g, RDX

API Performance				
Shot Density	API 19B Targeted Pipe	Entrance Hole (in)[cm]	EHD Variation	Rock Penetration API 19B-Sec. 2 (in)[cm]
1 to 6 shots per cluster	4.5" OD, P110	0.26 [0.66]	7.4 %	3.2 [8.13]
		0.28 [0.71]	5.5 %	
		0.33 [0.84]	2.9 %	
		0.36 [0.91]	1.6 %	
		0.42 [1.07]	3.8 %	

IMPORTANT: HELLFire 31K charges are NOT interchangeable with 33K charges. EC2-33K series are for 3-3/8" HELLFire only.

### 3-3/8" HELLFIRE<sup>®</sup> CHARGES FOR EXTERNAL SCALLOPS

Product Name	Part Number	Perforating Condition	Explosive
HELLFire 25	EC2-33K0671-25	Fluid	6.0g, RDX
HELLFire 30	EC2-33K0771-30		7.0g, RDX
HELLFire 33	EC2-33K0771-33		7.0g, RDX
HELLFire 34	EC2-33K0771-34		7.0g, RDX

Shot Density	API 19B Targeted Pipe	Entrance Hole (in)[cm]	EHD Variation	Rock Penetration API 19B-Sec. 2 (in)[cm]
1 to 6 shots per cluster	5.5" OD, P-110	0.25 [0.64]	3.90%	3.5 [8.89]
		0.30 [0.76]	5.50%	
		0.33 [0.84]	3.60%	
		0.34 [0.86]	5.80%	

IMPORTANT: HELLFire 33K charges are NOT interchangeable with 31K charges. EC2-31K series are for 3-1/8" HELLFire only.

GEOdynamics charges are available in RDX, HMX, and HNS. Please contact your sales representative for more information.