



The Stinger™ is the industry's shortest and most advanced dissolvable technology available.

## STINGER™ EXTENDED RANGE WITH DISSOLVABLE PUMPDOWN RING

This product may be covered by one or more patents or pending patent applications.

### DESIGNED WITH CASING RESTRICTIONS IN MIND.

Made with the same, highly-engineered material as the Magnum Vanishing Plug™ from Nine Energy Service, the Stinger ER Dissolvable Frac Plug offers the same predictable dissolution for wellbores with casing restrictions or casing patches.

Achieve greater operational efficiency and significantly reduce mill out risk, while achieving zonal isolation.

### Features

- Used for wells that have a casing restriction or casing patch
- Dissolvable
- Compatible with standard stroke setting tools
- 10,000 psi rated
- Eliminates risk associated with drilling out with an undersized bit
- PM buttons
- *PDR available upon request. Water savings and deviated wells help.*

CASING SPECS			PLUG SPECS							
Casing Size O.D. inch (mm)	Casing Weight Range lb/ft (kg/m)	Casing I.D. inch (mm)	Tool Description	Max. Conveyance O.D. inch (mm)	Max. PDR O.D. inch (mm)	Compressed PDR O.D. inch (mm)	I.D. inch (mm)	RIH Length inch (mm)	Ball Size inch (mm)	Pressure Rating psi (Mpa)
*4.5H (114.3)	15.1 (22.5)	3.83 (97.2)	Ball Drop	3.12 (79.2)	3.37 (85.6)	3.12 (79.2)	1.25 (31.8)	10.00 (254.0)	1.75 (44.5)	10000 (69)
4.5 (114.3)	11.6-13.5 (17.3-20.1)	4.00-3.92 (101.6-99.6)	Ball Drop	3.12 (79.2)	3.37 (85.6)	3.12 (79.2)	1.25 (31.8)	10.00 (254.0)	1.75 (44.5)	10000 (69)
5.0 (127.0)	23.2 (34.5)	4.04 (102.7)	Ball Drop	3.12 (79.2)	3.37 (85.6)	3.12 (79.2)	1.25 (31.8)	10.00 (254.0)	1.75 (44.5)	10000 (69)
5.0 (127.0)	21.4 (31.8)	4.13 (104.8)	Ball Drop	3.25 (82.6)	3.50 (88.9)	3.25 (82.6)	1.25 (31.8)	9.83 (249.7)	1.75 (44.5)	10000 (69)
5.5 (139.7)	26.0 (38.7)	4.55 (115.5)	Ball Drop	3.54 (89.9)	3.79 (96.3)	3.54 (89.9)	1.50 (38.1)	10.88 (276.4)	1.75 (44.5)	10000 (69)
5.5 (139.7)	20.0-23.0 (29.8-34.2)	4.78-4.67 (121.4-118.6)	Ball Drop	3.78 (96.0)	4.03 (102.4)	3.89 (98.8)	1.50 (38.1)	10.30 (261.6)	1.75 (44.5)	10000 (69)
5.5 (139.7)	17 (25.3)	4.89 (124.3)	Ball Drop	3.92 (99.6)	4.13 (104.9)	4.03 (102.4)	1.50 (38.1)	10.50 (266.7)	1.75 (44.5)	10000 (69)

Casing Specs are according to API Tubing/Casing Dimension Chart Information.

\*This is Nine's heavy casing weight option for 4.5" casing.

For more information, and to find a representative near you, visit [nineenergyservice.com](http://nineenergyservice.com)