

LONEstart™ Patent Pending

TOE SLEEVE

- Only one dynamic seal exposed to the internal diameter of the casing string guarantees the best chance of success, even in the worst environments.
- Zero brass shear devices allows reliable opening pressures.
- The largest hydraulic piston area on the market. An opening pressure of 12,000 psi, the piston generates over 60 tons of force to activate the tool.
- The smooth ID enables an effective wipe job following deployment of the HD Cement Plug (provided by LCT).

FEATURES

Reliability is key when it comes to preparing the toe of a well for frac operations. Tubing-Conveyed Perforating (TCP) is reliable, but costly and wet-shoes often have significant operational disadvantages depending on the application.

The LONEstart™ Toe Sleeve offers a reliable and cost-effective alternative that will ensure the operator saves time and money.



LONEstart™ Specifications

Casing Size	Assembly DWG #	OD	ID	Torque Cap.	Length	Pressure	Temp (F)	Ball Seat	Full Opening
4.500" Slim-hole		5.450"	3.210"	25k ft-lbs.	29.500"	18,000 PSI	325	✓	✓
4.500"/5.000"		5.800"	3.470 "	25k ft-lbs.	30.500"	18,000 PSI	325	✓	✓
5.500"		6.875"	4.250"	40k ft-lbs.	30.500"	18,000 PSI	325	✓	✓
5.500" Full-Bore		7.450"	4.710"	40k ft-lbs.	30.500"	18,000 PSI	325	✓	✓