

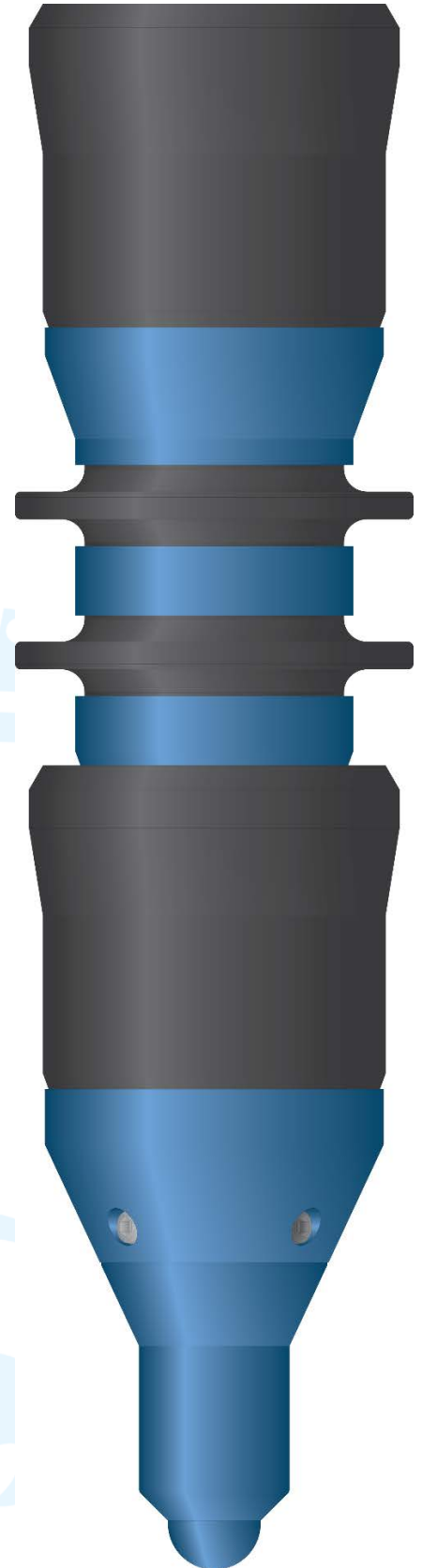
Echo DC Cement Wiper Plug

The Echo DC cement wiper plug is designed to clean cement from the extended larger I.D. areas of the wellbore while being able to expand and collapse without buckling to maintain its cleaning action in cavities of valve sleeves.

The series of specially designed wiper fins are durable enough to wipe the casing I.D. and cavities inside fracturing sleeves to ensure that the Echo DC sleeves can be shifted after the cementing operations are complete. Both latch down and bullnose versions are available depending on application.

Features and Benefits

- Designed to activate keys and coat the liner with cement inhibiting grease
- Wiper spacing prevents plug from stalling in profile sleeves
- Wiper fins ensure as much cement as possible is cleaned from all recessed areas
- Premium elastomers available on request



Specifications				
Size	Weight	Mandrel O.D.	Overall Length	Pressure Rating (above wiper)
in mm	lb/ft kg/m	in mm	ft m	psi kPa
4-1/2 114.3	15.10 22.47	4.500 114.30	1.417 0.432	5,000 34,474