

## FRAC PORT FOR CEMENTING OPERATIONS



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### APPLICATION

Frac port for cementing operations is designed for multistage hydraulic fracturing. The sleeve is opened hydraulically by pumping an activation ball into a special seat and then pressurizing the liner.

- Cemented casing / liner applications.
- Vertical, directional and horizontal wells.

### FEATURES AND BENEFITS

- Full-bore ID after milling.
- Locking mechanism holds the sleeve in open/closed position.
- Tool is used with acid resistant, composite and soluble balls.
- Tool is used withstands high tensile loads and high differential pressures.
- Up to 5 frac ports with the toe sleeve can be installed as part of the assembly.

### SUPPLY PACKAGE

- Frac Port for Cementing Operations.
- Activation ball.

### TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE	
<b>Liner size, in</b>	<b>4.000</b>	<b>4.500</b>
Max OD, in	4.567	5.236
Min ID, in	3.465	3.898
Length, ft	2.3	
Tensile, kip	157	202
Burst, psi	10,000	
Collapse, psi	10,000	
Material*	P-110	
Max working temperature, °F	266	

\* Other options are available as per Customer request.