

B-SERIES STAGE TOOL

APPLICATION

B-series Stage Tool is designed to ensure cement integrity in wells that require selective zonal isolation. The tool is run with the corresponding open-hole packer. When the ball is dropped and then lands on the circulation sub, increased internal casing pressure hydraulically sets the open-hole packer, opens the stage tool, enabling circulation and then cement to pass through the ports into the annulus above the packer. The plug when released, pushes the slurry and wipes the casing ID clean of cement before bumping on a landing seat. Increased pressure shifts the closing sleeve downward and closing the tool. Locking mechanism ensures the Stage tool is in closed position.

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

FEATURES AND BENEFITS

- Hydraulically actuated tool.
- Adjustable activation pressure.
- Locking mechanism holds the tool in open/closed position.
- All internal components are PDC drillable.
- After the WOC period, the milling of the technological elements of the collar is required.
- Guiding screws eliminate rotation during mill out operations.
- Full-bore ID after milling.
- Stage Tool withstands high tensile loads.
- Stage Tool withstands high differential pressure.

SUPPLY PACKAGE

- B-series Stage Tool.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE		
	4.000	4.500	5.000
Liner size, in	4.000	4.500	5.000
Max OD, in	4.567	5.236	5.748
Min ID, in	1.850	1.850	1.968
ID after milling, in	3.465	3.898	4.409
Length, ft	3.4	3.6	3.5
Tensile, kip	157	202	214
Burst, psi	10,000		
Collapse, psi	10,000		
Material*	P-110		
Max working temperature, °F	212		

* Other options are available as per Customer request.



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