

B-5 SERIES SHIFTING TOOL



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APPLICATION

B-5 Shifting Tool is designed to close reclosable frac ports manufactured by Bulat plant. The tool is fully selective, allowing specific ports to be closed without affecting other frac ports.

B-5 Shifting Tool is run in hole until it reaches the frac port ball seat; after pressure increasing the collet will collapse as it passes through the ball seat. When upward force is applied, the ball seat will shift and close the ports. Once the seat is shifted, the shifting tool is moved down off the seat and circulation is applied. This allows the tool to collapse, enabling it to be pulled up through the seat.

- Vertical, directional and horizontal wells.

FEATURES AND BENEFITS

- Shifting Tool is run in hole and hydraulically activated.
- No need to drill out frac ports.
- Nozzles may be set up and adjusted on location as per Customer request.
- The tool is equipped with an emergency shear-out via straight pull to prevent damage to the shifting tool or the ball seat.
- Shifting Tool withstands high tensile loads.

SUPPLY PACKAGE

- B-5 Shifting Tool.
- Nozzles.

TECHNICAL DATASHEET

TECHNICAL CHARACTERISTICS	VALUE			
Liner size, in	4.000; 4.500; 5.500			
Max OD, in	1.673	2.126	2.539	3.012
OD (when collet collapse), in	1.417	1.693	2.087	2.441
Frac Sleeve ball seat ID, in	1.524 1.638	1.780 1.921 2.063	2.205 2.346 2.492	2.642 2.799 2.965
Emergency shear-out load, kip	20			
Tensile, kip	26	33	40	46
Compression, kip	22			
Burst, psi	2,175			
Material*	P-110			
Max working temperature, °F	266			
Length, ft	2.0	2.0	2.1	2.1

* Other options are available as per Customer request.