

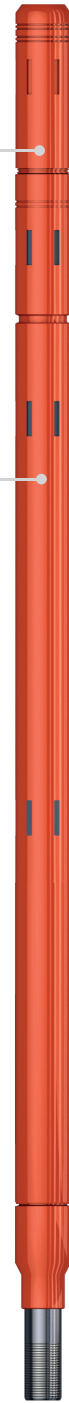
FORMATION ISOLATION VALVE

APPLICATION

The Formation Isolation Valve is used to isolate the formation from above and below. The tool prevents formation damage and provides well control. The tool is used in wells with liners of the corresponding size.

DESIGN FEATURES AND ADVANTAGES

- Formation Isolation Valve is usually installed below the packer to provide reliable formation isolation;
- The tool is opened or closed with a mechanical shifting tool;
- The tool does not require any additional operations during liner running; The valve is opened mechanically using a special shifting tool that is pulled from the well with the running tool after liner hanger activation;
- The tool can be operated in drilling fluid, cement slurry, fluids with chemical agents, formation brine, oil and gas at temperature up to 302 °F;
- The tool is pressure-tested at the manufacturer site. Additional pressure test before use is not required.



SPECIFICATIONS

Casing size, in	7	9 5/8
Outer diameter, in	5,50	8.00
Inner diameter when ball opened, in	2.95	4.55
Length, in	192.72	192.72
Maximum working temperature, °F	302	302
Ball working pressure, psi	10 000	10 000
Collapse pressure, psi	8 000	6 500



*Thread type, metallurgy and elastomers are as per Customer`s requirements