PRODUCT PORTFOLIO

ACTS CASED HOLE CEMENTED SHIFTABLE VALVE SYSTEM
ACTS CEMENTED SHIFTABLE VALVE ACTUATING TOOL

ADVANCED COMPLETIONS Technology Services Ltd.
Quality Engineered Solutions Creating Value for You

ACTS Cemented Shiftable Valve Actuating Tool is a field proven flow activated tool that either opens or closes ACTS Cemented Shiftable Valves for fracturing multiple intervals in the well bore. With coiled tubing being the primary conveyance method, the actuating tool is engineered to automatically engage and open a valve when coiled tubing circulation is stopped while pulling upwards in the wellbore. Alternatively, the actuating tool automatically engages and closes a valve when coiled tubing circulation is stopped while pushing downwards in the wellbore. Whether opening or closing a valve, the actuating tool is designed to automatically release from a fully shifted valve simplifying valve disengagement operations. The actuating tool can pass through a valve without shifting the valve by initiating coiled tubing circulation, which retracts the actuating tool's shifting arms. The actuating tool has been specifically designed to function reliably in severe proppant-laden environments and therefore can remain in the wellbore during fracturing operations eliminating the continual need to pull the workstring from the wellbore reducing operating time.

Features & Benefits

- Actuating tool incorporates radial and axial jet nozzles which clean the immediate exterior area around the tool during circulation operations for reliable functionality in proppant-laden environments
- Multiple diameter wear resistant actuation nozzles available for varying tool activation flow rates
- Automatic valve engagement and disengagement after shifting operation increases operator confidence at surface and time savings
- Actuating tool uses two high strength springs for shifting arm extension reliability
- Shifting arms on actuating tool are hardened for abrasive wear resistance and long life
- Standard bi-directional shifting arms permit valve to be opened or closed; optional uni-directional shifting arms permit valve to be opened only
- In-line high flow filter ran above actuating tool prevents actuating tool from plugging during circulation operations
- In-line circulation sub ran below actuating tool ensures reliable jet nozzle functionality when circulating fluid passes through actuating tool into annulus
- Multiple bottom sub options available for various operational requirements
- Actuating tool is compatible with other ACTS equipment such as the Resettable Compression Packer for pressure isolation operations

Specification Table

Tubing Connection	Valve Size	Weight	Body OD	Actuation Nozzle ID
mm	mm	kg/m	mm	mm
in	in	lb/ft	in	in
60.3 EUE Box	114.3	17.26/20.09	95.3	6.4
2-3/8 EUE Box	4-1/2	11.6/13.5	3.750	.250
60.3 EUE Box	114.3	22.47	92.7	6.4
2-3/8 EUE Box	4-1/2	15.1	3.650	.250
60.3 EUE Box	139.7	23.07/25.30	111.1	6.4
2-3/8 EUE Box	5-1/2	15.5/17	4.375	.250
60.3 EUE Box	139.7	29.76/34.23	111.1	6.4
2-3/8 EUE Box	5-1/2	20/23	4.375	.250