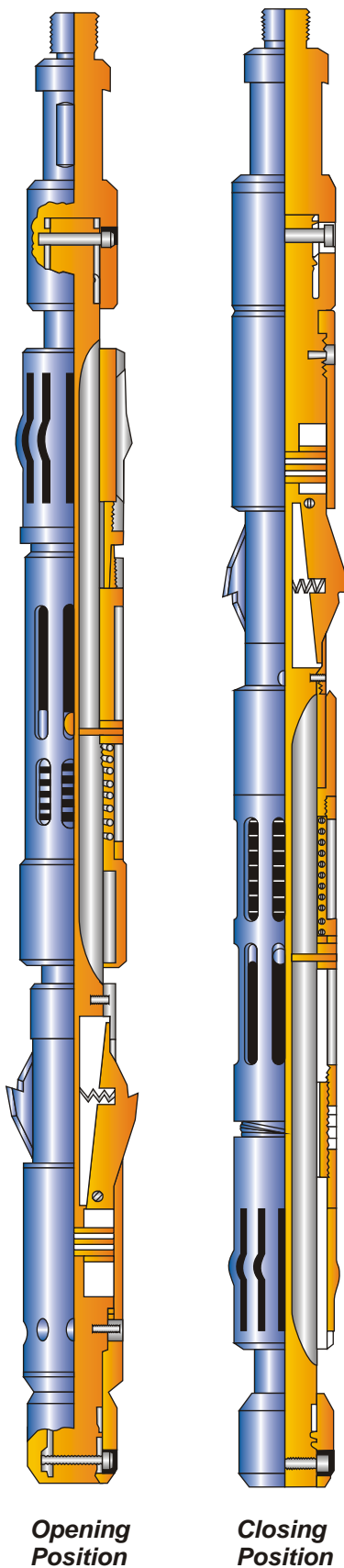


## PARVEEN MODEL D-2 SHIFTING TOOL

The Parveen Model D-2 shifting tool is used to provide a safe, selective and controlled method of opening and closing Model 'L' sliding sleeve.

### Advantages

1. **Automatic Locating Collet-** Flags the operator when a sleeve is reached. It also indicates when the tool passes through a sleeve or nipple.
2. **Proof of Completed Shift-** As soon as a shift-either Open or Close is completed, an attempt to repeat the operation will give a positive indication that the shift was performed.
3. **Safety Feature-** If the sleeve is opened in the presence of a differential pressure in favour of the annulus, the release mechanism is held inoperative by the flow until the pressure is balanced to allow safe removal.
4. **Open and Close Sleeves in one Trip-** Run shifting tools in tandem if required to both open and close sleeves on the same run in well. Run tool with collect up to open sleeves or with collect down (Inverted position) to close sleeves.
5. **Deliberate Release-** Even after the shifting tool is seated in the sleeve, it can be released without shifting the closing sleeve.



‘D-2’ SHIFTING TOOL SPECIFICATIONS			
‘L’ Sliding Sleeve Size	Shifting Tool Collet Size	Top Thread Connection	Fishing Neck Size
ID-Inches	OD-Inches	Size-Inches	OD-Inches
1.43	1.468	15/16 - 10	1.188
1.50	1.531		
1.56	1.593		
1.62	1.656	15/16 - 10	1.375
1.78	1.807		
1.81	1.843		
1.87	1.906	15/16 - 10	1.750
2.25	2.281		
2.31	2.343		
2.75	2.781	1.1/16 - 10	2.312
2.81	2.843		
3.68	3.743	1.1/16 - 10	2.312
3.81	3.867		