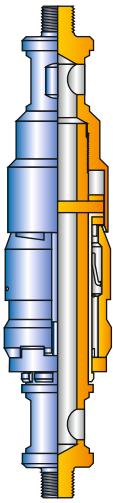


### 'B' SHIFTING TOOL

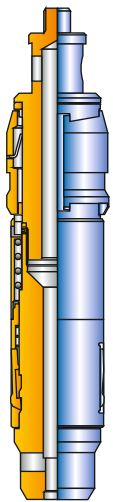
The PARVEEN 'B' Shifting Tool is used to move the inner sleeve to the closed or opened position in PARVEEN type 'PXD', 'PXU', 'PXA' & 'CMD' sliding sleeves. This tool has two pin connections to permit either opening or closing of the sleeve by inverting the



**'B'  
SHIFTING TOOL**

### 'BO' SELECTIVE SHIFTING TOOL

The PARVEEN 'BO' Selective Shifting Tool is used to selectively shift the inner sleeve of a sliding sleeve to the down position only. These tools are designed for tubing strings with multiple sliding sleeves of the same size so that the desired sleeve can be shifted to the down position without shifting the other sliding sleeves.

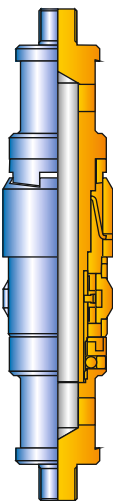


**'BO' SELECTIVE  
SHIFTING TOOL**

### 'X' SELECTIVE SHIFTING TOOL

The PARVEEN 'X' Selective Shifting Tool is used to selectively shift the inner sleeve of a sliding sleeve to the opened or closed position. It is changed from the selective to the non-selective position by the up-down movement of the shifting tool through the sleeve. The chosen sliding sleeve can be shifted to open or closed position without shifting the other sleeves.

The dogs can be moved to a position close to the 90-degree shoulder of the key by picking up the tool string, and lowering it again to cycle the tool into a non-latching position.



**'X' SELECTIVE  
SHIFTING TOOL**

<b>'B, BO &amp; X' SHIFTING TOOLS</b>					
<b>SSD I.D. (in)</b>	<b>F/N.O.D. (in)</b>	<b>Connection</b>	<b>Part No. 'B'</b>	<b>Part No. 'BO'</b>	<b>Part No. 'X'</b>
1.375	1.000	5/8 - 11 UNC	175-137	289-137	288-137
1.500	1.187	15/16 - 10 UN	175-150	289-150	288-150
1.625	1.187	15/16 - 10 UN	175-162	289-162	288-162
1.710	1.187	15/16 - 10 UN	175-171	289-171	288-171
1.781	1.375	15/16 - 10 UN	175-178	289-178	288-178
1.875	1.375	15/16 - 10 UN	175-187	289-187	288-187
2.125	1.375	15/16 - 10 UN	175-212	289-212	288-212
2.188	1.750	15/16 - 10 UN	175-218	289-218	288-218
2.313	1.750	15/16 - 10 UN	175-231	289-231	288-231
2.562	1.750	15/16 - 10 UN	175-256	289-256	288-256
2.750	2.313	1-1/16 - 10 UN	175-275	289-275	288-275
2.813	2.313	1-1/16 - 10 UN	175-281	289-281	288-281
3.125	1.750	15/16 - 10 UN	175-312	289-312	288-312
3.313	2.313	1-1/16 - 10 UN	175-313	289-313	288-313
3.437	2.313	1-1/16 - 10 UN	175-343	289-343	288-343
3.688	3.125	1-1/16 - 10 UN	175-368	289-368	288-368