


Otis® BO Downshift Selective Positioning Tool

The Otis® 142BO Selective Positioning tools are designed to selectively shift the inner sleeve of a sliding side door circulating device into the down position only. These tools are designed for tubing strings with multiple sliding side door devices of the same size so that one sleeve can be shifted into the down position without shifting any other sleeve in the tubing string.

This tool incorporates a selective control mechanism similar in design to the one used on Otis X® and R® line running tools. This holds the keys in a retracted position allowing the tool to pass through Sliding Side-Door® circulating sleeves without locating the sleeve. Upon reaching the target SSD to be opened, the tool is run through the sleeve then pulled back through slowly, this movement allows the locating dogs to change the positioning tool into the non selective mode where the control keys are exposed. After sitting back down into the sleeve downward jarring will move the sleeve into the open position.

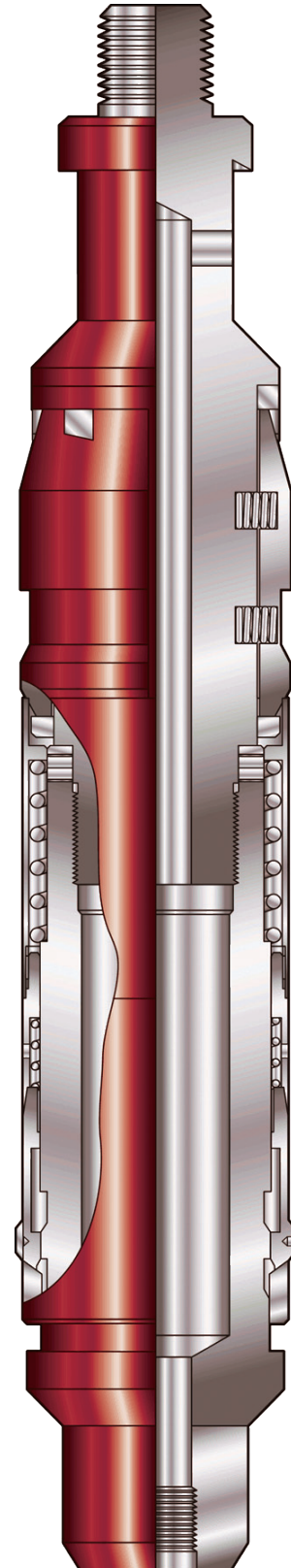
Once the sleeve has moved to its fully open position the tool is automatically released. The tool can then be raised or lowered to the next sliding side door device to position its inner sleeve down or return to the surface.

 These tools are designed for tubing strings with multiple sliding side door devices of the same size so that one sleeve can be shifted into the down position without shifting any other sleeve in the tubing string.

OTIS® BO DOWNSHIFT SELECTIVE POSITIONING TOOL

Sliding Side Door ID	Part Number	Connection	Fishing Neck	Keys Expanded (OD)	Tool (OD)
1.500"	142BO6	15/16" 10 UN	1.187"	1.694"	1.410"
1.875"	142BO4	15/16" 10 UN	1.375"	2.161"	1.843"
2.125"	142BO13	15/16" 10 UN	1.375"	2.478" / 2.35"	2.060"
2.188"	142BO15	15/16" 10 UN	1.750"	2.592"	2.171"
2.313"	142BO3	15/16" 10 UN	1.750"	2.592"	2.280"
2.562"	142BO14	15/16" 10 UN	1.750"	2.966"	2.500"
2.750"	142BO1	1 1/16" 10 UN	2.313"	3.076"	2.720"
2.813"	142BO16	1 1/16" 10 UN	2.313"	3.015"	2.780"
3.125"	142BO7	1 1/16" 10 UN	2.313"	3.604" / 3.486"	3.100"
3.313"	142BO11	1 1/16" 10 UN	2.313"	3.616"	3.250"
3.437"	142BO12	1 1/16" 10 UN	2.313"	4.080"	3.410"
3.688"	142BO10	1 1/16" 10 UN	2.313"	4.080"	3.620"
3.813"	142BO2	1 1/16" 10 UN	2.313"	4.158"	3.750"
4.562"	142BO9	1 1/16" 10 UN	3.125"	4.928"	4.500"

Spares components are available. Please specify part and assembly part number or part number if known.



Wireline Operations - Positioning Tools

