

## Otis® B Positioning (Shifting) Tools

The Otis® B Positioning (Shifting) Tool is designed to move the inner sleeve to their open or closed position in the type XA, RA, XO and XD Otis Sliding Side-Door® circulating sleeve.

The positioning tool engages the recess in the upper (or lower) end of the sleeve to permit the sleeve to be shifted by a jarring action. The tool is designed to release itself only after the sleeve reaches its fully open or closed position. This automatic releasing feature incorporates a releasing profile on the key itself and acts to compress the key spring and release the positioning tool.

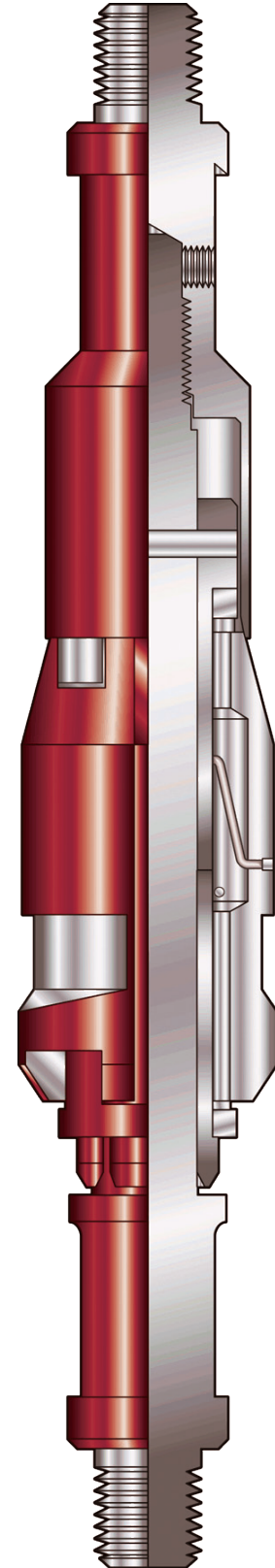
 The tool is designed to release itself only after the sleeve reaches its fully open or closed position.

In the event that the sleeve does not move its full travel (no contact allowing the profile to release the positioning tool) there is a shear that permits the keys to collapse into the top sub.

Selective keys are available, which do not incorporate the release profile and rely solely on the shear pin as the release mechanism. These are used on completions with multiple XA or RA sliding sleeves and there is a need to open a lower sleeve without disturbing sleeves above.

Caution: The Otis B positioning tool will not pass through a Position 1#, type S landing nipple.

(See chart overleaf)



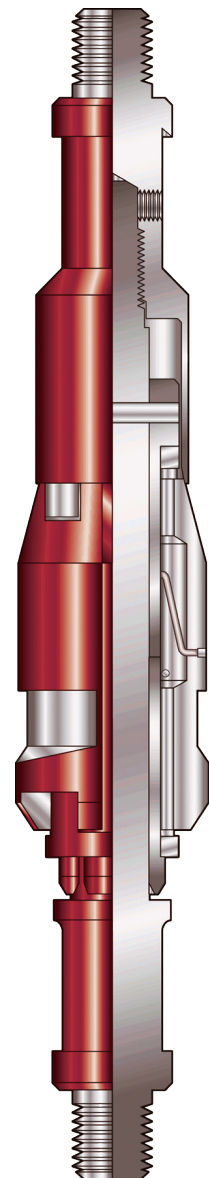
Wireline Operations - Positioning (Shifting) Tools

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Wireline Operations - Positioning (Shifting) Tools

OTIS® B POSITIONING (SHIFTING) TOOL					
Sliding Side Door ID	Part Number	Connection	Fishing Neck	Keys Expanded (OD)	Tool (OD)
1.250"	42BO119	5/8" 11 UN	1.000"	1.488" / 1.392"	1.240"
1.375"	42BO180	5/8" 11 UN	1.000"	1.718" / 1.638"	1.366"
1.500"	42BO245	15/16" 10 UN	1.188"	1.629" / 1.665"	1.490"
1.625"	42BO121	15/16" 10 UN	1.188"	1.992" / 1.897"	1.615"
1.710"	42BO237	15/16" 10 UN	1.188"	2.156" / 2.110"	1.690"
1.781"	42BO117	15/16" 10 UN	1.375"	2.177" / 2.076"	1.750"
1.875"	42BO116	15/16" 10 UN	1.375"	2.210" / 2.108"	1.840"
2.000"	42BO159	15/16" 10 UN	1.375"	2.494" / 2.356"	1.840"
2.125"	42BO159	15/16" 10 UN	1.375"	2.494" / 2.356"	1.970"
2.188"	42BO118	15/16" 10 UN	1.750"	2.592"	2.156"
2.313"	42BO118	15/16" 10 UN	1.750"	2.592"	2.156"
2.562"	42BO178	15/16" 10 UN	1.750"	3.123" / 2.966"	2.530"
2.750"	42BO146	1 1/16" 10 UN	2.313"	3.156" / 3.015"	2.718"
2.813"	42BO146	1 1/16" 10 UN	2.313"	3.156" / 3.015"	2.718"
3.125"	42BO204	15/16" 10 UN	1.750"	3.604" / 3.486"	3.060"
3.250"	42BO208	1 1/16" 10 UN	2.313"	3.746" / 3.610"	3.200"
3.313"	42BO154	1 1/16" 10 UN	2.313"	3.734" / 3.616"	3.250"
3.437"	42BO242	1 1/16" 10 UN	2.313"	4.08" / 4.14"	3.410"
3.562"	42BO242	1 1/16" 10 UN	2.313"	4.08" / 4.14"	3.410"
3.688"	42BO238	1 1/16" 10 UN	3.125"	4.250" / 4.150"	3.670"
3.750"	42BO238	1 1/16" 10 UN	3.125"	4.250" / 4.150"	3.670"
3.813"	42BO238	1 1/16" 10 UN	3.125"	4.250" / 4.150"	3.670"
4.000"	42BO171	1 1/16" 10 UN	2.313"	4.504" / 4.360"	3.850"
4.125"	42BO171	1 1/16" 10 UN	2.313"	4.504" / 4.360"	3.850"
4.313"	42BO207	1 1/16" 10 UN	2.313"	4.918" / 4.838"	4.250"
4.437"	42BO267	1 1/16" 10 UN	2.313"	5.054"	4.420"
4.500"	42BO267	1 1/16" 10 UN	2.313"	5.054"	4.420"
4.562"	42BO153	1 1/16" 10 UN	3.125"	5.068" / 4.925"	4.520"
5.125"	42BO269	1 1/16" 10 UN	3.125"	5.530"	5.100"
5.250"	42BO236	1 1/16" 10 UN	3.125"	5.76" / 5.70"	5.230"
5.500"	42BO268	1 1/16" 10 UN	3.125"	6.02" / 5.94"	5.460"
5.625"	42BO249	1 1/16" 10 UN	3.125"	6.14" / 6.06"	5.600"



If selected keys are required please specify.

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

