

Otis® S Pulling Tool

Slickline Downhole Tools

The Otis S Pulling Tool is designed to engage external fish necks on sub-surface devices within the well-bore. Otis S pulling tools are available with three different core lengths, sized to accommodate the different reach lengths on industry standard fish necks.

Otis S pulling tools are categorised for easy reference; the first letter designates the direct of shear release, S being jar down to release. The second letter designates the effective reach, which depends upon the core length:

- "B" being a long core, short reach
- "S" being an intermediate core, medium reach
- "M" designed to be used in gas-lift operations

With the addition of the desired core, the tools available are:

SB, SS or SM.

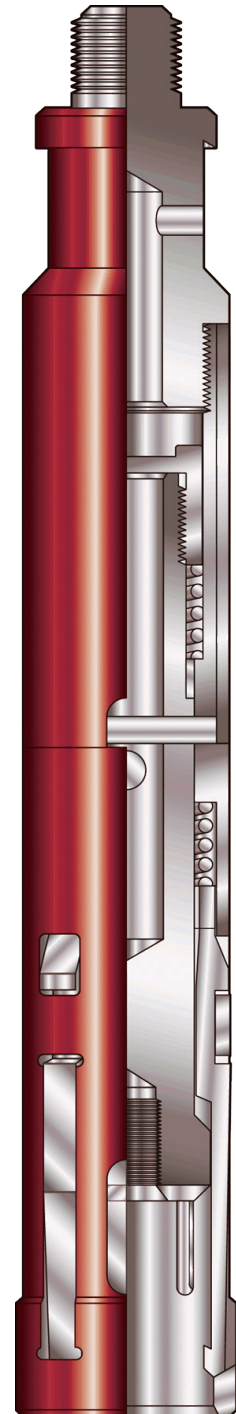
The Otis S pulling tool consists of a cylinder complete with top sub, inner core, and spring-loaded dog set. Once the tool has been engaged on an external fish neck, an upward jarring action is performed to 'fish' the device from the well. If the device cannot be recovered, a downward jarring action is performed. This will break the shear pin allowing the release of the spring-loaded dogs. The tool string can now be retrieved to surface.

Otis S pulling tools are available in various sizes to match the external fishing neck on the downhole device.

Contact your local Hunting Sales Representative for further technical details

Hunting S Pulling Tools are available with various connections to suit customer requirements

(See chart overleaf)



OTIS® SB PULLING TOOL					
Nominal Size	Actual Size (OD)	Reach	Will Engage	Fishing Neck	Connection
1.000"	0.927"	1.000"	0.687"	0.687"	5/8" 11 UN
1.250"	1.220"	1.280"	1.000"	1.000"	5/8" 11 UN
1.500"	1.437"	0.688"	1.188"	1.188"	15/16" 10 UN
1.500"	1.437"	1.297"	1.188"	1.188"	15/16" 10 UN
2.000"	1.776"	1.219"	1.375"	1.375"	15/16" 10 UN
2.500"	2.188"	1.281"	1.750"	1.375"	15/16" 10 UN
3.000"	2.734"	1.380"	2.312"	2.312"	1 1/16" 10 UN
3.000"	2.844"	1.500"	2.312"	2.312"	1 1/16" 10 UN
3.500"	3.115"	1.690"	2.750"	2.312"	1 1/16" 10 UN
4.000"	3.670"	1.500"	3.125"	2.312"	1 1/16" 10 UN

OTIS® SS PULLING TOOL					
Nominal Size	Actual Size (OD)	Reach	Will Engage	Fishing Neck	Connection
1.500"	1.430"	1.780"	1.188"	1.188"	15/16" 10 UN
2.000"	1.770"	2.030"	1.375"	1.375"	15/16" 10 UN
2.500"	2.180"	2.000"	1.750"	1.375"	15/16" 10 UN
3.000"	2.840"	2.210"	2.312"	2.312"	1 1/16" 10 UN

OTIS® SM PULLING TOOL					
Nominal Size	Actual Size (OD)	Reach	Will Engage	Fishing Neck	Connection
1.660"	1.188"	1.680"	0.875"	0.875"	15/16" 10 UN
1.188"	1.190"	1.680"	0.875"	1.188"	15/16" 10 UN
1.500"	1.380"	1.578"	0.875"	1.375"	15/16" 10 UN
2.000"	1.770"	1.640"	1.375"	1.375"	15/16" 10 UN

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