

Description

AS1-X Packer

The AS1-X is a multi-purpose double grip, Retrievable Packer. This mechanically set packer can be used in any production application. It is also well suited for treating, testing and injecting in shallow to deep pumping or flowing wells. The packer features a large internal bypass to reduce swabbing when running or retrieving.

Incorporated into the design is an internal bypass system that equalizes pressure before the upper slips are pulled from the casing wall. This system allows the AS1-X Packer to be used in a variety of downhole applications from production packer to retrievable bridge plug. The true versatility of this Packer is that it is available in conventional tubing set model or by method of Electric Wireline.

The standard packer is designed to withstand pressure differentials up to 6000 psi and is manufactured with NACE compatible materials.

The High Pressure version of this packer is designed to withstand pressure differentials up to 10000 psi.



Features

Can be landed in tension, compression or neutral

1/4 turn right hand set, right hand release (left hand set/ release options available)

Bypass below upper slips to assist in washing debris when the valve is opened

Bypass is opened before slips are release to safe release of packer

Secondary shear release option available

Specifications

Casing Size In.	Casing Weight Lb/ft	Min. ID In.	Max. ID In.	Thread Connection Standard	Packer	
					Max. OD In.	Min ID In.
4	12.95	3.340	3.340		3.170	1.500
4	9.5-11.0	3.476	3.548	1.900 EUE 10RD	3.250	1.500
4 ½	15.1-16.6	3.740	3.826		3.594	1.500
4 ½	9.5-13.5	3.920	4.090		3.750	1.938
4 ½	13.5-15.1	3.826	3.920		3.680	1.938
5	18.0-20.8	4.156	4.276	2 3/8 EUE 8RD	4.000	1.938
5	11.5-15.0	4.408	4.560		4.125	1.938
5 ½	20.0-23.0	4.670	4.778		4.500	1.938
5 ½	14.0-20.0	4.892	5.044		4.625	1.938
5 ½	20.0-23.0	4.670	4.778		4.500	2.375
5 ½	15.5-17.0	4.892	4.950	2 7/8 EUE 8RD	4.625	2.375
5 ½	13.0-14.0	5.012	5.044		4.813	2.375
5 ½	9.0-13.0	5.044	5.192		4.875	2.359
5 ¾	18.6-25.0	4.882	5.118	2 3/8 EUE 8RD	4.625	1.984
5 ¾	14.0-17.0	5.190	5.290		4.875	2.359
6	14.0-17.0	5.500	5.450		5.188	2.375
6 5/8	32.0-34.5	5.575	6.675	2 7/8 EUE 8RD	5.312	2.500
6 5/8	24.0-32.0	5.675	5.921		5.500	2.375
6 5/8	17.0-24.0	5.921	6.135		5.750	2.500
6 5/8	20.0-24.0	5.921	6.049	3 ½ EUE 8RD	5.750	3.000
6 5/8	20	6.049	6.049		5.812	3.000
7	26.0-32.0	6.094	6.276	2 7/8 EUE 8RD	5.875	2.500
7	17.0-26.0	6.276	6.538		6.000	2.500
7	26.0-35.0	6.004	6.276	3 ½ EUE 8RD	5.875	3.000
9 5/8	43.5-53.5	8.535	8.755	4 ½ EUE 8RD	8.250	4.000
9 5/8	32.3-43.5	8.755	9.001		8.500	4.000