

## ASI-X PACKER

The **ASI-X Single String Double-Grip Production Packer** is the most versatile of the mechanically set retrievable packers and may be used in any production application. This packer is suited for treating, testing, or injection applications, in pumping or flowing wells, either deep or shallow. This packer can be left in tension or compression depending on well conditions and the required application.

A large internal by-pass reduces swabbing when running and retrieving. The by-pass closes when the packer is set and opens prior to releasing the upper slips when retrieving to allow pressure equalization. The J-slot design allows easy setting and releasing; 1/4 turn right-hand set, 1/4 turn right-hand release.

The standard ASI-X Packer is designed for differential pressures up to 7,000 PSI

(unless noted otherwise). This packer is also available in an HT version which is designed for differential pressures up to 10,000 PSI (unless noted otherwise). The HT version allows this packer to be utilized in completions where high pressure treating operations are performed and it is desirable to leave the tool in the well for production.

### Special Features

- ▶ By-pass below upper slips to wash debris when valve is opened
- ▶ By-pass is opened before upper slips are released
- ▶ Can be set with tension for shallow well applications
- ▶ Can be left in tension, compression or neutral
- ▶ 1/4 turn right-hand set, 1/4 turn right-hand release
- ▶ Additional J-Slot arrangements available



### Product Specifications

Casing		Recommended Hole Size (inches)	Gage OD (inches)	Max OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down	Part Number	
Size (inches)	Weight (lbs/ft)						Std	HT
2-7/8	6.4 - 6.5	2.375 - 2.441	2.250	2.263 <sup>1</sup>	0.63	1.050 EUE	60325-3E*	-
	8.6	2.259	2.125	2.152 <sup>1</sup>	0.63	1.050 EUE	60324-3E*	-
3-1/2	7.5 - 7.7	3.068 - 3.250	2.938	-	1.25	1.900 NUE	60336*	-
	7.7 - 10.2	2.922 - 3.068	2.781	-	1.25	1.900 NUE	60335*	-
	12.95	2.750	2.562	-	1.00	1.315 EUE / 1.660 EUE	60337*	-
4	9.5 - 11.0	3.476 - 3.548	3.250	3.312 <sup>1</sup>	1.50	1.900 EUE	60340*	-
	10.46 - 12.95	3.340 - 3.476	3.187	-	1.50	1.900 EUE	60341*	-
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	-	1.94	2-3/8 EUE	60345 <sup>2</sup>	60345HT <sup>2</sup>
	13.5 - 15.1	3.826 - 3.920	3.650	-	1.94	2-3/8 EUE	60344 <sup>2</sup>	60344HT <sup>2</sup>
	15.1	3.826	3.641	-	1.94	2-3/8 EUE	60346	-
	15.1 - 16.6	3.754 - 3.826	3.594	-	1.50	1.900 EUE	60343	-
	18.8	3.640	3.437	-	1.50	1.900 EUE	60342	-

<sup>1</sup>Maximum OD is across retracted drag blocks.

<sup>2</sup>Drilled for wireline.

\* Designed for differential pressures up to 10,000 PSI.

**Rubber Trim Upgrade Options** (additional cost, inquire with a D&L sales associate): HSN, Viton, ECNER/Aflas, ECNER/HSN, EPDM

**NOTE:** All pricing includes standard Nitrile trim. Other sizes, connections, and rubber options available upon request.

Mechanical Set Packers



**We Know Downhole.**  
 (800) 441-3504 ■ www.dloiltools.com



## ASI-X Packer Product Specifications (continued)

Casing		Recommended Hole Size (inches)	Gage OD (inches)	Max OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down	Part Number	
Size (inches)	Weight (lbs/ft)						Std	HT
5	11.5 - 15.0	4.408 - 4.560	4.125	4.220 <sup>1</sup>	1.94	2-3/8 EUE	60350	60350HT
	15.0 - 18.0	4.276 - 4.408	4.063	-	1.94	2-3/8 EUE	60349	-
	18.0 - 20.8	4.156 - 4.276	4.000	4.010 <sup>1</sup>	1.94	2-3/8 EUE	60352	60352HT
	21.4	4.126	3.938	-	1.94	2-3/8 EUE	60353	60353HT
5-1/2	13.0 - 14.0	5.012	4.813	-	2.38	2-7/8 EUE	60358	60358HT
	14.0 - 20.0	4.778 - 5.012	4.625	-	2.00	2-3/8 EUE	60355 <sup>2</sup>	60355HT <sup>2</sup>
				-	2.38	2-7/8 EUE	60356 <sup>2</sup>	60356HT <sup>2</sup>
	20.0 - 23.0	4.670 - 4.778	4.500	-	2.00	2-3/8 EUE	60357 <sup>2</sup>	60357HT <sup>2</sup>
				-	2.38	2-7/8 EUE	60359 <sup>2</sup>	60359HT <sup>2</sup>
	23.0 - 26.0	4.548 - 4.670	4.375	-	1.94	2-3/8 EUE	60354	60354HT
-				2.38	2-7/8 EUE	60351	60351HT	
5-3/4	15.0 - 16.1	5.201-5.240	5.000	-	2.00	2-3/8 EUE	60357X	60357XHT
				-	2.38	2-7/8 EUE	60358X	60358XHT
	17.6 - 19.4	5.083-5.146	4.875	-	2.00	2-3/8 EUE	60357Y	60357YHT
				-	2.38	2-7/8 EUE	60358Y	60358YHT
	21.5 - 24.0	4.909-5.004	4.720	-	2.00	2-3/8 EUE	60357Z	60357ZHT
				-	2.38	2-7/8 EUE	60358Z	60358ZHT
6	10.0	5.672	5.375	-	2.50	2-7/8 EUE	60361	-
	12.0 - 20.0	5.352 - 5.620	5.188	-	2.38	2-7/8 EUE	60360	60360HT
6-5/8	17.0 - 24.0	5.921 - 6.135	5.750	-	2.50	2-7/8 EUE	60367	60367HT
	20.0 - 24.0	5.921 - 6.049	5.750	-	3.00	3-1/2 EUE	60368	60368HT
	24.0 - 32.0	5.675 - 5.921	5.500	-	2.50	2-7/8 EUE	60365	60365HT
				-	3.00	3-1/2 EUE	60369	60369HT
	32.0 - 34.5	5.575 - 5.675	5.312	-	2.50	2-7/8 EUE	60366	60366HT

<sup>1</sup>Maximum OD is across retracted drag blocks.

<sup>2</sup>Drilled for wireline.

\* Designed for differential pressures up to 10,000 PSI.

**Rubber Trim Upgrade Options** (additional cost, inquire with a D&L sales associate): HSN, Viton, ECNER/Aflas, ECNER/HSN, EPDM

**NOTE:** All pricing includes standard Nitrile trim. Other sizes, connections, and rubber options available upon request.

Mechanical Set Packers

## ASI-X Packer Product Specifications (continued)

Casing		Recommended Hole Size (inches)	Gage OD (inches)	Max OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down	Part Number	
Size (inches)	Weight (lbs/ft)						Std	HT
7	17.0 - 20.0	6.456 - 6.538	6.250	6.281 <sup>1</sup>	2.50	2-7/8 EUE	60372-625	-
				-	3.00	3-1/2 EUE	60374-625	-
	17.0 - 26.0	6.276 - 6.538	6.000	6.062 <sup>1</sup>	2.50	2-7/8 EUE	60372 <sup>2</sup>	60372HT <sup>2</sup>
				6.125 <sup>1</sup>	3.00	3-1/2 EUE	60374	60374HT
	26.0 - 32.0	6.094 - 6.276	5.875	-	2.50	2-7/8 EUE	60370 <sup>2</sup>	60370HT <sup>2</sup>
				5.936 <sup>1</sup>	3.00	3-1/2 EUE	60373	60373HT
29.0 - 35.0	6.004 - 6.184	5.812	-	2.50	2-7/8 EUE	60371 <sup>2</sup>	60371HT <sup>2</sup>	
35.0	6.004	5.812	-	3.00	3-1/2 EUE	60373-35	-	
7-5/8	24.0 - 29.7	6.875 - 7.025	6.672	-	2.50	2-7/8 EUE	60375	60375HT
				-	3.00	3-1/2 EUE	60378	60378HT
	33.7 - 39.0	6.625 - 6.765	6.453	-	2.50	2-7/8 EUE	60376	60376HT
				-	3.00	3-1/2 EUE	60377	60377HT
8-5/8	20.0 - 24.0	8.097 - 8.191	7.750	-	2.50	2-7/8 EUE	60384	-
	20.0 - 28.0	8.017 - 8.191	7.750	7.827 <sup>1</sup>	4.00	4-1/2 EUE	60381	60381HT
	24.0 - 40.0	7.725 - 8.097	7.500	-	2.50	2-7/8 EUE	60385	60385HT
				-	3.00	3-1/2 EUE	60387	60387HT
	32.0 - 40.0	7.725 - 7.921	7.500	-	4.00	4-1/2 EUE	60382	60382HT
44.0 - 49.0	7.511 - 7.625	7.312	-	2.50	2-7/8 EUE	60386	60386HT	
9-5/8	32.3 - 43.5	8.755 - 9.001	8.500	-	4.00	4-1/2 EUE	60396S**	60396HT <sup>Δ</sup>
	43.5 - 53.5	8.535 - 8.755	8.250	-	4.00	4-1/2 EUE	60395S**	60395HT <sup>Δ</sup>
10-3/4	32.75 - 51.0	9.850 - 10.192	9.625	-	4.00	4-1/2 EUE	60301**	-
	51.0 - 65.7	9.560 - 9.850	9.312	-	4.00	4-1/2 EUE	60310**	-
11-3/4	42.0 - 65.0	10.682 - 11.084	10.438	10.502 <sup>1</sup>	4.00	4-1/2 EUE	60311**	-
	66.7 - 80.5	10.406 - 10.656	10.200	-	4.00	4-1/2 EUE	60311Y	-
13-3/8	54.5 - 77.0	12.275 - 12.615	12.000	-	4.00	4-1/2 EUE	60313**	-
16	65.0 - 109.0	14.688 - 15.250	14.438	-	5.00	7" LTC	60316***	-
18-5/8	87.5 - 117.5	17.439 - 17.755	17.000	-	5.00	7" LTC	60318	-
20	133.0 - 169.0	18.376 - 18.730	18.000	-	5.00	7" LTC	60320	-

<sup>1</sup>Maximum OD is across retracted drag blocks.

<sup>2</sup>Drilled for wireline.

\*\* Designed for differential pressures up to 6,000 PSI.

\*\*\* Designed for differential pressures up to 5,000 PSI.

ΔDesigned for differential pressures up to 8,000 PSI.

Rubber Trim Upgrade Options (additional cost, inquire with a D&L sales associate): HSN, Viton, ECNER/Aflas, ECNER/HSN, EPDM

NOTE: All pricing includes standard Nitrile trim. Other sizes, connections, and rubber options available upon request.

Mechanical Set Packers