

VSI-X PACKER

The **VSI-X Single String Double-Grip Production Packer** is one of the most versatile packers on the market. This packer is a modification of the ASI-X Packer with the advantage of being able to set on electric line or hydraulically.

An On-Off Tool Stinger with a Wireline Plug installed can be attached to the top of this packer. This packer can then be lubricated in the hole and set under pressure. Once set, casing pressure can be bled off, and the tubing with an On-Off Tool Overshot can be run and latched onto the packer. The Wireline Plug can then be removed.

This packer easily converts to a mechanically set ASI-X Packer – just remove the shear screws and install drag

blocks and drag block springs. The ASI-X Packer sets with 1/4 right-hand rotation and releases with 1/4 right-hand rotation. The ASI-X Packer can be left in tension, compression or neutral.

NOTE: Stinger and setting equipment must be purchased separately.

Special Features

- Wireline or tubing set
- Sequentially released upper slip system
- By-pass valve opens before upper slips are released
- Available in shear release
- Easily converts to ASI-X version - 1/4 turn to set, 1/4 turn to release



Product Specifications

Casing		Recommended Hole Size (inches)	Tool 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	0.63	1.050 EUE	60125-3E*	-
3-1/2	7.5 - 7.7	3.068 - 3.250	2.938	1.25	1.900 NUE	60136*	-
	7.7 - 10.2	2.922 - 3.068	2.781	1.25	1.900 NUE	60135*	-
	12.95	2.750	2.562	1.00	1.315 EUE / 1.660 EUE	60137-3E*	-
4	9.5 - 11.0	3.476 - 3.548	3.250	1.50	1.900 EUE	60140*	-
	10.46 - 12.95	3.340 - 3.476	3.187	1.50	1.900 EUE	60141*	-
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	1.94	2-3/8 EUE	60145	60145HT
	13.5 - 15.1	3.826 - 3.920	3.650	1.94	2-3/8 EUE	60144	60144HT
	15.1	3.826	3.641	1.94	2-3/8 EUE	60146	60146HT
	15.1 - 16.6	3.754 - 3.826	3.594	1.50	1.900 EUE	60143	60143HT
	18.8	3.640	3.437	1.50	1.900 EUE	60142	60142HT
5	11.5 - 15.0	4.408 - 4.560	4.125	1.94	2-3/8 EUE	60150	60150HT
	18.0 - 20.8	4.156 - 4.276	4.000	1.94	2-3/8 EUE	60152	60152HT
	21.4	4.126	3.938	1.94	2-3/8 EUE	60153	60153HT

* 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.



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VSI-X Packer Product Specifications (continued)

Casing		Recommended Hole Size (inches)	Tool OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down	Part Number	
Size (inches)	Weight (lbs/ft)					Std	HT
5-1/2	13.0 - 14.0	5.012 - 5.044	4.813	2.38	2-7/8 EUE	60158	60158HT
	14.0 - 20.0	4.778 - 5.012	4.625	2.00	2-3/8 EUE	60155	60155HT
				2.38	2-7/8 EUE	60156	60156HT
	20.0 - 23.0	4.670 - 4.778	4.500	2.00	2-3/8 EUE	60157	60157HT
				2.38	2-7/8 EUE	60159	60159HT
23.0 - 26.0	4.548 - 4.670	4.390	1.94	2-3/8 EUE	60154	60154HT	
			4.406	2.38	2-7/8 EUE	60151	60151HT
6	12.0 - 20.0	5.352 - 5.620	5.188	2.38	2-7/8 EUE	60160	60160HT
6-5/8	17.0 - 24.0	5.921 - 6.135	5.750	2.50	2-7/8 EUE	60167	60167HT
	20.0 - 24.0	5.921 - 6.049	5.750	3.00	3-1/2 EUE	60168	60168HT
	24.0 - 32.0	5.675 - 5.921	5.500	2.50	2-7/8 EUE	60165	60165HT
				3.00	3-1/2 EUE	60169	60169HT
32.0 - 34.5	5.575 - 5.675	5.312	2.50	2-7/8 EUE	60166	60166HT	
7	17.0 - 26.0	6.276 - 6.538	6.000	2.50	2-7/8 EUE	60172	60172HT
				3.00	3-1/2 EUE	60174	60174HT
	26.0 - 32.0	6.094 - 6.276	5.875	2.50	2-7/8 EUE	60170	60170HT
				3.00	3-1/2 EUE	60173	60173HT
29.0 - 35.0	6.004 - 6.184	5.812	2.50	2-7/8 EUE	60171	60171HT	
7-5/8	24.0 - 29.7	6.875 - 7.025	6.672	2.50	2-7/8 EUE	60175	60175HT
				3.00	3-1/2 EUE	60178	60178HT
	33.7 - 39.0	6.625 - 6.765	6.453	2.50	2-7/8 EUE	60176	60176HT
				3.00	3-1/2 EUE	60177	60177HT
8-5/8	20.0 - 28.0	8.017 - 8.191	7.750	4.00	4-1/2 EUE	60181	60181HT
	24.0 - 40.0	7.725 - 8.097	7.500	2.50	2-7/8 EUE	60185	60185HT
				3.00	3-1/2 EUE	60187	60187HT
	32.0 - 40.0	7.725 - 7.921	7.500	4.00	4-1/2 EUE	60182	60182HT
44.0 - 49.0	7.511 - 7.625	7.312	2.50	2-7/8 EUE	60186	60186HT	
9-5/8	32.3 - 43.5	8.755 - 9.001	8.500	4.00	4-1/2 EUE	60196S**	60196HT [△]
	43.5 - 53.5	8.535 - 8.755	8.250	4.00	4-1/2 EUE	60195S**	60195HT [△]
10-3/4	32.75 - 51.0	9.850 - 10.192	9.625	4.00	4-1/2 EUE	60101**	-
	51.0 - 65.7	9.560 - 9.850	9.312	4.00	4-1/2 EUE	60110**	-
11-3/4	42.0 - 65.0	10.682 - 11.084	10.438	4.00	4-1/2 EUE	60111**	-
13-3/8	54.5 - 77.0	12.275 - 12.615	12.000	4.00	4-1/2 EUE	60113**	-

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

[△] Designed for differential pressures up to 8,000 PSI

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Mechanical Set Packers