

Magnus Set – MVSI-X

The MVSI-X Single String Double-Grip Production Packer is one of the most versatile packers on the market. This packer is a modification of the IX 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 IX Packer – just remove the shear screws and install drag

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

NOTE: Stinger and setting equipment must be purchased separately.

Casing and Packer dimension table :

Casing		Recommended Hole Size (inches)	Tool OD (inches)	Tool ID (inches)	Thread Connections Box Up / Pin Down
Size (inches)	Weight (lbs/ft)				
2-7/8	6.4 - 6.5	2.375 - 2.441	2.250	0.63	1.050 EUE
3-1/2	7.5 - 7.7	3.068 - 3.250	2.938	1.25	1.900 NUE
	7.7 - 10.2	2.922 - 3.068	2.781	1.25	1.900 NUE
	12.95	2.750	2.562	1.00	1.315 EUE / 1.660 EUE
4	9.5 - 11.0	3.476 - 3.548	3.250	1.50	1.900 EUE
	10.46 - 12.95	3.340 - 3.476	3.187	1.50	1.900 EUE
4-1/2	9.5 - 13.5	3.920 - 4.090	3.750	1.94	2-3/8 EUE
	13.5 - 15.1	3.826 - 3.920	3.650	1.94	2-3/8 EUE
	15.1	3.826	3.641	1.94	2-3/8 EUE
	15.1 - 16.6	3.754 - 3.826	3.594	1.50	1.900 EUE
	18.8	3.640	3.437	1.50	1.900 EUE
5	11.5 - 15.0	4.408 - 4.560	4.125	1.94	2-3/8 EUE
	18.0 - 20.8	4.156 - 4.276	4.000	1.94	2-3/8 EUE
	21.4	4.126	3.938	1.94	2-3/8 EUE



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5-1/2	13.0 - 14.0	5.012 - 5.044	4.813	2.38	2-7/8 EUE
	14.0 - 20.0	4.778 - 5.012	4.625	2.00	2-3/8 EUE
				2.38	2-7/8 EUE
	20.0 - 23.0	4.670 - 4.778	4.500	2.00	2-3/8 EUE
2.38				2-7/8 EUE	
23.0 - 26.0	4.548 - 4.670	4.390	1.94	2-3/8 EUE	
			4.406	2.38	2-7/8 EUE
6	12.0 - 20.0	5.352 - 5.620	5.188	2.38	2-7/8 EUE
6-5/8	17.0 - 24.0	5.921 - 6.135	5.750	2.50	2-7/8 EUE
	20.0 - 24.0	5.921 - 6.049	5.750	3.00	3-1/2 EUE
				2.50	2-7/8 EUE
	24.0 - 32.0	5.675 - 5.921	5.500	3.00	3-1/2 EUE
2.50				2-7/8 EUE	
32.0 - 34.5	5.675 - 5.675	5.312	2.50	2-7/8 EUE	
7	17.0 - 26.0	6.276 - 6.538	6.000	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
	26.0 - 32.0	6.094 - 6.276	5.875	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
29.0 - 35.0	6.004 - 6.184	5.812	2.50	2-7/8 EUE	
			3.00	3-1/2 EUE	
7-5/8	24.0 - 29.7	6.875 - 7.025	6.672	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
	33.7 - 39.0	6.625 - 6.765	6.453	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
8-5/8	20.0 - 28.0	8.017 - 8.191	7.750	4.00	4-1/2 EUE
	24.0 - 40.0	7.725 - 8.097	7.500	2.50	2-7/8 EUE
				3.00	3-1/2 EUE
	32.0 - 40.0	7.725 - 7.921	7.500	4.00	4-1/2 EUE
44.0 - 49.0	7.511 - 7.625	7.312	2.50	2-7/8 EUE	
9-5/8	32.3 - 43.5	8.756 - 9.001	8.500	4.00	4-1/2 EUE
	43.5 - 53.5	8.535 - 8.756	8.250	4.00	4-1/2 EUE
10-3/4	32.75 - 51.0	9.850 - 10.192	9.625	4.00	4-1/2 EUE
	51.0 - 65.7	9.560 - 9.850	9.312	4.00	4-1/2 EUE
11-3/4	42.0 - 65.0	10.682 - 11.084	10.438	4.00	4-1/2 EUE
13-3/8	54.5 - 77.0	12.275 - 12.615	12.000	4.00	4-1/2 EUE

