

STORM PACKER

PRODUCT 15-613

The **TechWest Storm Packer** is a resettable, ¼ turn packer designed for general purpose high pressure service work, and for Storm packer applications. The hydraulically operated upper hold-down buttons anchor the packer with differential pressures from below. The packer is available with optional carbide trim buttons and slips for high strength casing and longer service life.

The Storm Packer can be ran in series with a TNC Storm Valve (Product 15-682) in order to close the tubing below the packer during emergencies.

The Storm Packer may also be run with a retrievable bridge plug, such as the TTU Mechanical Set Bridge Plug for straddle work.

FEATURES

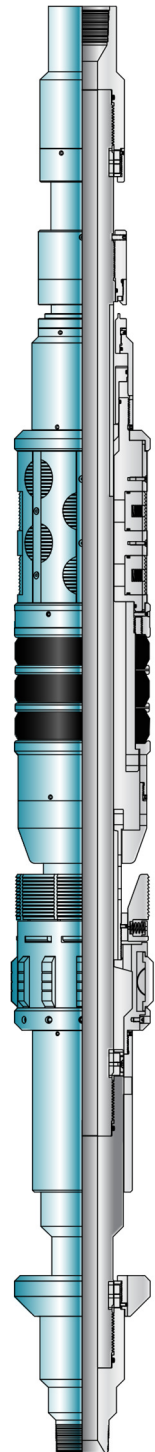
- Heavy-duty mandrel supports high hang-off weights
- Carbide trim option available on buttons, slips and drag blocks for hard casing and long field life
- Quarter-turn set, straight pickup unset
- Integral internal bypass for high circulation rates
- Available with Manual or Auto J.
- Optional tool joint connections

OPERATION

At the setting depth, make the last motion upward, then rotate ¼ turn to the right at the packer, slack off on the tubing, set down weight on the packer.

To release, pick-up on the tubing to open the unloader. Continued upward movement unsets the slips and relaxes the elements, allowing the packer to freely move uphole.

For the Manual-J, the packer must be rotated back to the left ¼ in order to run back in hole. For the Auto-Jay packer the tool automatically re-jays the packer to run back in.



SPECIFICATIONS

15-613 SPECIFICATION GUIDE											
CASING						Product No	PACKER				
Size		Weight		Min ID	Max ID		Gauge Ring		ID		EUE Connection
in	mm	lb/ft	kg/m	in	in		in	mm	in	mm	
4 1/2	114.3	9.5-13.5	14.1-20.1	3.920	4.090	15-613-2345	3.750	95.3	1.995	50.7	2 3/8
5	127.0	11.5-18.0	17.1-26.8	4.275	4.560	15-613-2350	4.125	107.8	1.995	50.7	2 3/8
		18.0-21.4	17.1-31.8	4.126	4.276	15-613-2351	3.969	100.8			
5 1/2	139.7	14.0-17.0	20.8-25.3	4.892	5.012	15-613-2355	4.625	117.5	1.995	50.7	2 3/8
		20.0-23.0	29.8-34.2	4.670	4.778	15-613-2357	4.500	114.3			
7	177.8	26.0-32.0	38.7-47.6	6.094	6.276	15-613-2770	5.875	149.2	2.441	62.0	2 7/8
						15-613-3570			2.992	76.0	3 1/2
		29.0-35.0	43.2-52.1	6.004	6.184	15-613-2771	5.813	147.7	2.441	62.0	2 7/8
		17.0-23.0	20.8-34.2	6.366	6.538	15-613-2772	6.000	152.4			
7 5/8	193.7	33.7-39.0	50.2-58.0	6.625	6.765	15-613-2775	6.453	163.9	2.441	62.0	2 7/8
		24.0-29.7	35.7-44.2	6.875	7.025	15-613-2776	6.688	169.9			
7 3/4	196.9	46.1	68.6	6.560	6.560	15-613-2777	6.000	152.4	2.441	62.0	2 7/8
9 5/8	244.5	43.5-53.5	64.7-79.6	8.535	8.755	15-613-4595	8.250	209.6	3.958	100.5	4 1/2
		32.3-43.5	48.1-64.7	8.755	9.001	15-613-4596	8.500	215.9			
10 3/4	273.1	65.7-80.0	97.8-119	9.250	9.560	15-613-1075	9.000	228.6	3.958	100.5	4 1/2
		40.5-60.7	60.3-90.3	9.660	10.050	15-613-1076	9.375	238.1			
		32.8-51.0	48.7-75.9	10.050	10.192	15-613-1077	9.625	244.5			
11 3/4	298.5	65.0-80.5	96.7-119	10.406	10.682	15-613-1175	10.125	257.2	3.958	100.5	4 1/2
		42.0-60.0	62.5-89.3	10.772	11.084	15-613-1176	10.250	260.4			
11 7/8	301.6	71.8	106.8	10.711	10.711	15-613-1187	*	*	3.958	100.5	4 1/2
13 3/8	339.7	77.0-102	114.6-151	11.875	12.275	15-613-1338	11.625	295.3	3.958	100.5	4 1/2
		48.0-72.0	71.4-107	12.347	12.715	15-613-1339	12.125	308.0			
13 1/2	342.9	81.4	121.1	12.340	12.340	15-613-1339	12.125	308.0	3.958	100.5	4 1/2
13 5/8	346.1	88.2	131.2	12.375	12.375	15-613-1339	12.125	308.0	3.958	100.5	4 1/2
16	406.4	109-146	162-217	14.188	14.688	15-613-1600	13.750	349.3	3.958	100.5	4 1/2
		75.0-109	111-162	14.688	15.124	15-613-1601	14.250	362.0			
		55.0-65.0	81.8-96.7	15.250	15.376	15-613-1602	14.750	374.7			

* Casing size 11 7/8 can use either 10.711 OD or 10.250 OD Gauge Ring. 10.250 OD is preferred for min extrusion.