

MODEL R ANCHOR CATCHER

PRODUCT 20-036

The **TechWest Model R Anchor Catcher** is a retrievable double-grip tubing anchor that anchors the tubing in compression, tension and rotationally. Opposing slips prevent parted or backed off tubing from falling downhole.

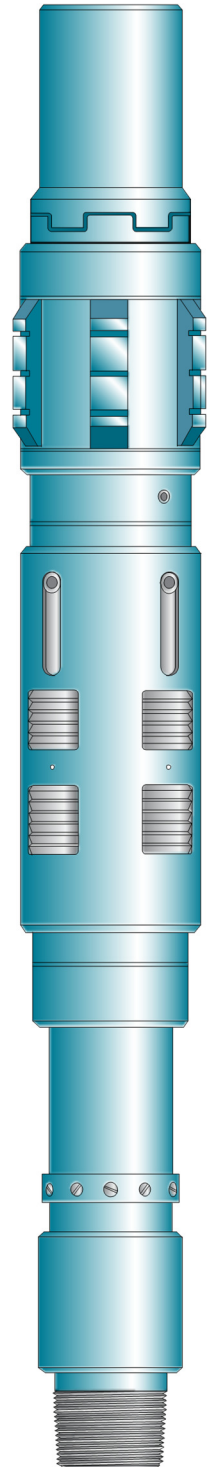
The anchor is designed for use with Progressive Cavity Pumps (PCPs) to prevent the pump or tubing from backing off due to torsional forces created by the pump. The anchor offers an advantage over conventional flapper-style No-Turn-Tools (NTTs) by allowing the operator to set the tubing in tension. This eliminates tubing buckling above the pump that can occur during pumping, lessening tubing and rod wear and extending runlife.

The R Anchor is similar to the TechWest C1 Anchor (Product 20-033) except that it allows torsional force to be transmitted through the cones and slips and into the casing, rather than through the Shear Screws. This prevents prematurely shear releasing the anchor, as would be the case with a conventional Tubing Anchor.

OPERATION

The Model R Anchor Catcher is set by multiple rotations to the Right.

The anchor is released by rotating the tubing to the left (opposite direction from setting). Alternately the R Anchor may be released by an upward pull in excess of the preset Shear Value.



SPECIFICATIONS

20-036 SPECIFICATION GUIDE											
Casing					Anchor						
OD	Weight		ID		Product Number	OD		ID		Standard Connection	
	in / mm	in	mm	in		mm	in	mm	in	mm	in
4 1/2 114.3	13.5	20.1	3.920	99.6	20-036-0460	3.750	95.3	1.933	49.0	2 3/8	60.3
	9.5	14.1	4.090	103.9							
5 127.0	18	26.8	4.276	108.6	20-036-0500	4.120	104.6	1.933	49.0	2 3/8	60.3
	11.5	17.1	4.560	115.8							
5 1/2 139.7	26	28.7	4.548	115.5	20-036-0550	4.500	114.3	2.440	62.0	2 7/8	73.0
	20	29.8	4.778	121.4							
	17	25.3	4.892	124.3	20-036-0560	4.730	120.1				
	13	19.3	5.044	128.1							
6 5/8 168.3	32	47.6	5.675	144.1	20-033-0650	5.500	139.7	2.440	62.0	2 7/8	73.0
	20	29.8	6.049	153.6							
7 177.8	38	56.6	5.920	150.4	20-036-0700	5.880	149.4	2.440	62.0	2 7/8	73.0
	23	34.2	6.366	161.7							
	20	29.8	6.456	164	20-036-0720	6.250	158.7				
	17	25.3	6.538	166.1							
7 5/8 193.7	39	58	6.625	168.3	20-036-0750	6.250	158.7	2.440	62.0	2 7/8	73.0
	24	35.7	7.025	178.4							
8 5/8 219.1	49	72.9	7.511	190.8	20-036-0850	7.000	177.8	3.000	76.9	3 1/2	88.9
	24	35.7	8.097	205.7							
9 5/8 244.5	47	69.9	8.681	220.5	20-036-0950	8.250	209.6	3.000	76.9	3 1/2	88.9
	32.3	48.1	9.001	228.6							