



"SB2"

PAINTEARTH MODEL "SB2" TUBING ANCHOR CATCHER

PRODUCT No. 610, 611 (BIG BORE)

This rugged Paintearth "SB2" Tubing Anchor Catcher is proven, efficient, and reliable in years of field service, and can help provide more oil pumping stroke with less maintenance.

SB-2 ANCHOR CATCHER FEATURES AND BENEFITS

- The Paintearth "SB2" Tubing Anchor Catcher prevents vertical tubing movement and improves pump efficiency during the pumping cycle.
- Reduces down time by eliminating cyclic stress and wear on both rods and tubing.
- When normal release is not possible, emergency releasing at pre-selected loads with an upward pull is provided by a selective shear pin.
- Two sets of Bi-directional wickers in each slip prevent movement upward or downward and hold the tool in place as long as desired. They will also hold parted tubing in place.
- Small outside diameter of Paintearth Anchor Catchers permits fast running and retrieving speeds

OPERATION

Setting: At desired depth, rotate tubing to the left 5 to 8 turns (depending on casing weight) using hand wrenches.

NOTE: Proper Torque must be applied when making up tubing joints to prevent tubing back-off when setting the tool with left-hand torque.

Releasing: With tubing in slight compression rotate 5 to 8 turns to the right at the tool. If normal release is not possible, emergency shear release may be accomplished with an upward pull which is greater than the total of the shear strength of the pins plus the weight of the tubing

PAINTEARTH MODEL "SB2" TUBING ANCHOR CATCHER RIGHT-HAND SET

PRODUCT No. 612 (RH SET)

Features and Benefits

- Designed to run in wells with Progressive Cavity Pump-screw pumps (PCP).
- Anchors tubing so appropriate tension may be applied for the PCP application
- Catches tubing if parting occurs
- Provides No-Turn feature for the PCP operation while maximizing pump efficiency and preventing the tubing from unscrewing as a result of right hand torque.

OPERATION

Setting: Use same procedure as Product No. 610 except right hand rotation engages slips with casing.

Releasing: Primary release method is the Shear Release: The alternate method is left hand rotation 5 to 8 turns at the tool.

MODEL "SB-2" ANCHOR CATCHER

PRODUCT No. 610, 611 (BB), & 612 (RH SET)



SPECIFICATION GUIDE-IPS MODEL "SB2" TUBING ANCHOR CATCHER

Casing		Tool Size	Maximum OD Anchor	Recommended Range of Casing I.D.		Maximum Casing I.D. for Safe Setting	Minimum Bore thru Anchor	Thread-Box Up/Pin Down
O.D.	Weight			Min	Max			
In/mm	Lb/ft-kg/m			In/mm	In/mm			
4-1/2 114,30	9.5-13.5 14,14-20,09	43A	3.750 95,25	3.830 97,28	4.090 103,89	4.250 107,95	1.940 49,28	2-3/8 OD EU 8RD 60,33
5 127,00	11.5-18 17,1-26,79	43B	4.000 101,60	4.280 108,71	4.560 115,82	4.560 115,82		
5-1/2 139,70	13-23 19,35-34,22	45A	4.500 114,30	4.670 118,62	5.040 128,02	5.190 131,83	2.375 60,33	2-7/8 OD EU 8RD 73,03
7 177,80	20-32 29,76-47,62	47A	5.550 140,97	6.090 154,69	6.460 164,08	6.600 167,64	2.440 61,98	
	35-38 52,08-56,54		5.50 139,70	5.680 144,27	6.000 152,40	6.550 166,37		
7-5/8 193,68	20-39 29,76-58,09	47B	6.250 158,75	6.410 162,81	7.130 181,10	7.190 182,62	3.000 76,20	
6-5/8 168,28	17-32 25,30-47,62	Big Bore 47 X 3.00	5.500 139,70	5.675 144,15	6.538 166,07	6.552 166,42		
7 177,80	17-38 25,30-56,54	Big Bore 47B x 3.00	6.260 159,00	6.413 162,89	7.125 180,98	7.187 182,55		
	17-20 25,30-29,76		5.500 139,70					
7-5/8 193,68	20-39 29,76-58,06							

RETRIEVABLE PRODUCTION PACKERS

NOTE: Casing weights highlighted in Grey are available in 7.5k and 10k bores. Weights highlighted in Green are available in 7.5K only. Casing weights shaded and in WHITE text are currently unavailable.

