



# Torque Anchor/Single Blade

The Torque Anchor/Single Blade is designed to anchor the Tubing String and Progressing Cavity Pump (PCP) within the wellbore. It consists of a unique anchor design, which incorporates a blade style slip that engages the casing wall and stops the right-hand rotation of the PC Pump, preventing tubing back-off.

## Benefits:

- Simple operation
- The open By-Pass area allows for sand and coiled tubing to pass the tool.
- Carbide edge on the blade ensures casing engagement
- Inconel springs for H<sub>2</sub>S and CO<sub>2</sub> resistance
- Rebuilding procedure can be performed in the field.



Example of Torque Anchor engaged in the casing.



## Operation:

1. The Torque Anchor is threaded onto the tubing string above or below the PC Pump.
2. Run the tubing to the desired setting depth and land the tubing hanger. DO NOT tighten the lock screws.
3. Pick up the tubing string so it is just off the hanger seat and apply right hand torque to the tubing to set the anchor.
4. Set the tubing hanger back down and lock the hanger into place.
5. To release the Torque Anchor, rotate left ¼ to ½ turn, pull up on the tubing.

Model	Casing Size		Casing Weight	Tool OD		Connection Box x Pin	Tool ID		Length		Weight	
	in	mm		in	mm		in	mm	in	mm	lbs	kg
TX4-2-3/8	4-1/2	114.3	All common weights	3.40	86.4	2-3/8 EUE	2.0	50.8	13	330	17	7.7
TX4-2	4-1/2	114.3	All common weights	3.75	95.3	2-7/8 EUE	2.44	61.9	12.5	317	17	7.7
TX5-2	5-1/2	139.7	All common weights	4.00	101.6	2-7/8 EUE	2.44	61.9	15	381	27	12.3
TX5-3	5-1/2	139.7	All common weights	4.50	114.3	3-1/2 EUE	3.00	76.2	15	381	31	14
TX6-2	6-5/8	168.3	All common weights	4.50	114.3	2-7/8 EUE	2.44	61.9	15.5	394	40	18.2
TX6-3	6-5/8	168.3	All common weights	4.50	114.3	3-1/2 EUE	3.00	76.2	15.5	394	31	14.1
TX7-2	7	177.8	All common weights	5.00	127.0	2-7/8 EUE	2.44	61.9	16	407	54	24.5
TX7-3	7	177.8	All common weights	5.00	127.0	3-1/2 EUE	3.00	76.2	16	407	45	20.5
TX8-3	8-5/8	219.1	All common weights	6.00	152.4	3-1/2 EUE	3.00	76.2	18.3	465	85	38.6
TX9-3	9-5/8	244.5	All common weights	6.20	157.5	3-1/2 EUE	3.00	76.2	20.5	521	101	45.9
TX9-4	9-5/8	244.5	All common weights	7.00	177.8	4-1/2 EUE	4.00	101.6	19	483	109	49.5