



TechTAC

Downhole Tubing Anchor Solutions

TechTAC® offers a suite of tubing anchor catchers (TACs) designed to accommodate a wide range of downhole conditions.

Standard B2 Tubing Anchor Catcher

Standard B2 TAC Features & Benefits

- ◆ Traditional Baker B2-style design
 - ◆ Available in 4.0, 4.5, 5.0, 5.5, 7.0 and 7.625-inch sizes
 - ◆ Custom sizes available
 - ◆ Sourced and manufactured in the United States
 - ◆ Most anchor orders are delivered or shipped within 24 hours
 - ◆ Commonly used in traditional well designs
 - ◆ Widely available parts and services
- The Standard B2 Tubing Anchor Catcher uses a traditional design to:
- ◆ Minimize wear on rods, tubing, casing and the rod pump
 - ◆ Improve pump efficiency
 - ◆ Maintain downhole alignment
 - ◆ Reduce vibrations and tubing whipping
 - ◆ Prevent tubing breathing and buckling
 - ◆ Stop any parted pipe from falling into the well

Standard B2 TAC Applications



The Standard B2 TAC is a reliable anchoring solution that has been used for decades in:

- ◆ Vertical wells deeper than 3,000 ft.
- ◆ High-productivity wells
- ◆ Wells with a low gas-to-liquid ratio
- ◆ Designs that place the anchor above the perforations

NOTE: To place the TAC in or below the perforations, the Slimline® TAC is recommended.



Unparalleled Service and Delivery

Established in 2004, TechTAC® is a downhole tubing anchor solution provider built on three guiding principles:

- ◆ **Quality** that performs
- ◆ **Service** that exceeds expectations
- ◆ **Respect** for our industry family of workers and customers

In addition to exceptional products, TechTAC® offers industry-leading customer service and delivery. We work hand in hand with service

companies to provide operators with the anchoring products they need, when and where they need them.

TechTAC® products are sourced and manufactured in the United States and are available through a network of Authorized Dealers throughout North America.

For more information or to get a quote, visit www.techtac.com, call 435-781-1675 or email info@techtac.com.

Anchor Overview and Specifications

By stabilizing the tubing string, a Baker B2-style, or "standard," tubing anchor catcher can improve the efficiency of a rod pump system. If tubing is freely suspended, it tends to elongate on the pump down stroke, while the rods contract. Conversely, on the up stroke, the tubing contracts and the rods elongate. This effectively reduces travel distance, which in turn, decreases production. A tubing anchor prevents such a condition from occurring.

In addition, the continuous cycle of elongating and contracting increases the risk of tubing buckling. In such cases, the tubing string can bend and/or coil, causing it to rub against the rod and/or the casing. This motion causes wear to the casing, the tubing and the pump barrel. In turn, the risk of early failure is heightened, as is the potential need for costly interventions. Once again, a TAC can mitigate or eliminate these challenges.

Nominal Casing OD	Applicable Casing Weight	Casing ID Range	Max OD of Tool	Anchor Bore	Thread Connection
(inches)	(lb./ft.)	(inches)	(inches)	(inches)	(inches)
4.0	9.5 - 12.6	3.250 - 3.562	2.875	1.0	2.375
4.5	9.5 - 13.5	3.826 - 4.090	3.750	1.995	2.375 or 2.875
5.0	11.5 - 18	4.276 - 4.560	4.0	1.995	2.375 or 2.875
5.5	13 - 23	4.670 - 5.044	4.50	2.375	2.375 or 2.875
7.0	20 - 38	5.675 - 6.456	5.50	2.438	2.375 or 2.875
7.625	20 - 39	6.413 - 7.125	6.25	2.438	2.375 or 2.875