



Downhole Tubing Anchor Solutions

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

Slimline® Tubing Anchor Catcher

Slimline® TAC Features & Benefits

- ◆ Reduced overall diameter from a standard TAC
 - ◆ Increased flow through the annulus of up to 245%
 - ◆ Tapered design on top and bottom
 - ◆ Reduced area for debris collection
 - ◆ Available in 4.5, 5.0, 5.5, 7.0 and 7.625-inch sizes
 - ◆ Custom sizes available
 - ◆ Sourced and manufactured in the United States
- The patented design of the Slimline® has been shown to:
- ◆ **Reduce gas locking** incidents by directing gas around the anchor
 - ◆ **Limit stuck anchors** by preventing the accumulation of sediment
 - ◆ Dramatically **reduce cutover time**
 - ◆ **Increase pump performance** and longevity
 - ◆ **Minimize scale buildup** by reducing turbulent flow

Slimline® TAC Applications



TechTAC® gives engineers greater flexibility in developing quantitative, results-driven solutions to their downhole tool assembly challenges, with proven success in:

- ◆ Vertical and horizontal wells
- ◆ High and low productivity wells
- ◆ Placing the anchor above, below or within the perforations
- ◆ Deep wells of 10,000+ feet
- ◆ Wells with patched or swollen casings



What are customers saying about the TechTAC® Slimline®?



“We have one well that had to be pulled every 3 months due to scale. After installing a Slimline TAC, we didn’t need to pull it for 2 years.”

—Sr. Completion Foreman with a U.S.-based oil and gas company



“The combination of the 5.5” Slimline TAC and a gas separator is a top-of-the-line solution for mitigating the issue of gas locking.”

—Manager at a major distributor of artificial lift technology



“Sand was a frequent problem in many of our wells. It would fall on top of a standard TAC and cement the anchor in place. After switching to the Slimline, that problem all but disappeared.”

—Engineer with a large production company operating in the Southern United States

Unparalleled Service and Delivery

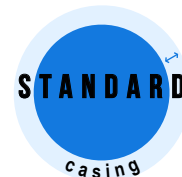
Established in 2004, TechTAC® is a downhole tubing anchor solution provider built on three guiding principles:

- ◆ **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.



Slimline® Sizes and Specifications

Nominal Casing OD	Applicable Casing Weights	Model	Max Tool OD	Flow-By OD	Tool ID	TAC Cross-Sectional Area	Casing Cross-Sectional Area	Annular Flow-By Increase (Slimline compared to standard TAC)
(inches)	(lb./ft.)		(inches)	(inches)	(inches)	(sq. inches)	(sq. inches)	(%)
4.5	9.5 - 13.5	Standard	3.75	3.75	2.00	11.04	12.90 w/ 10.5 ppf casing	
	9.5 - 15.1	Slimline	3.70	2.875	1.00	6.49	12.90 w/ 10.5 ppf casing	245%
5	11.5 - 18	Standard	4.00	4.00	2.00	12.56	15.25 w/ 15 ppf casing	
	11.5 - 18	Slimline	4.00	3.75	2.00	11.04	15.25 w/ 15 ppf casing	57%
5.5	13 - 23	Standard	4.50	4.50	2.40	15.90	18.8 w/ 17 ppf casing	
	13 - 23	Slimline	4.50	3.75	2.00	11.04	18.8 w/ 17 ppf casing	168%
7	20 - 38	Standard	5.50	5.50	2.48	23.76	30.04 w/ 29 ppf casing	
	23 - 35	Slimline	5.75	4.50	2.40	15.90	30.04 w/ 29 ppf casing	125%
7.625	20 - 39	Standard	6.25	5.50	2.48	23.76	37.09 w/ 29.7 ppf casing	
	24 - 39	Slimline	6.40	4.50	2.40	15.90	37.09 w/ 29.7 ppf casing	59%