



# TechTAC

## Downhole Tubing Anchor Solutions

TechTAC® offers a tension anchor for deep or deviated wells where it's difficult or impossible to fully set a traditional anchor

### Quarter-Turn Tension Anchor

#### Quarter-Turn TA Features & Benefits

- ◆ Quarter-turn right-hand set with auto-J release
  - ◆ Stainless steel drag springs
  - ◆ No threads to seize up
  - ◆ Left-hand back-off coupling
  - ◆ Easy adjustable shear release
  - ◆ Extra fluid bypasses that allow gas and fluid to flow around the anchor
  - ◆ Available in 4.5, 5.5 and 7.0-inch sizes
  - ◆ Sourced and manufactured in the United States
- Because of its unique design, the Quarter-Turn Tension Anchor:
- ◆ Sets with minimal surface rotations
  - ◆ Is easy to redress
  - ◆ Minimizes wear on rods, tubing, casing and the rod pump in deep or deviated wells
  - ◆ Increases pump efficiency and maintains downhole alignment in wells with extreme wellbore geometry

#### Quarter-Turn TA Applications



The Quarter-Turn Tension Anchor is specifically designed to address the unique challenges of:

- ◆ Deep wells where it's difficult to apply the necessary torque rotations to fully set a traditional anchor
- ◆ The curve of a horizontal well
- ◆ Wells where the deviation survey indicates high dogleg severity (DLS) or corkscrewed wellbore geometry



# 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](http://www.techtac.com), call 435-781-1675 or email [info@techtac.com](mailto:info@techtac.com).

## Anchor Overview and Specifications

The right-hand set Quarter-Turn Tension Anchor is a rugged, compact, quarter-turn set, automatic-released anchor that holds tubing stationary during pumping. Anchoring prevents tubing breathing and buckling, which increases pumping efficiency while reducing rod, tubing and casing wear.

The Quarter-Turn Tension Anchor has stainless steel drag springs that centralize and protect slips

while running in. It also includes extra fluid bypasses that allow gas and fluid to flow around the anchor with ease, as well as an emergency shear release and left-hand back-off coupling.

The Quarter-Turn Tension Anchor is typically used in deep or deviated wells, or wells with extreme wellbore geometry, where getting torque rotations down to the anchor is challenging or impossible.

Nominal Casing OD	Applicable Casing Weight	Casing ID Range	Max OD of Tool	Anchor Bore	Thread Connection
(inches)	(lb./ft.)	(inches)	(inches)	(inches)	(inches)
4.5	9.5 - 13.5	3.920 - 4.090	3.750	1.978	2.375
5.5	13 - 20	4.778 - 5.044	4.625	2.438	2.875
5.5	20 - 23	4.670 - 4.778	4.50	2.438	2.875
7.0	20 - 32	6.094 - 6.456	5.750	2.438	2.875