TITAN TD

The TITAN TD is Scientific Drilling’s next generation drilling motor. Engineered as a one trip system, with full rotational capability and the ultimate reliability, the TITAN TD is designed to take you FROM KICK-OFF TO TD.

Making It Easy To Do Business.
**OVERVIEW**

- Proven reliability record
- Designed as a one trip system
- Short bit-to-bend solution
- Fully rotatable in any section of the well
- Higher expected build rates with lower bend angles

**TOOL SIZE:** 6 \(\frac{1}{2}\)"

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimension A</td>
<td>39 (\frac{3}{4})&quot;</td>
</tr>
<tr>
<td>Dimension B</td>
<td>30&quot;</td>
</tr>
<tr>
<td>Dimension C</td>
<td>18 (\frac{1}{4})&quot;</td>
</tr>
<tr>
<td>Dimension D</td>
<td>6 (\frac{3}{4})&quot;</td>
</tr>
<tr>
<td>Dimension E</td>
<td>7 (\frac{3}{4})&quot;</td>
</tr>
<tr>
<td>Hole Size</td>
<td>8 (\frac{1}{4})&quot; - 9 (\frac{7}{8})&quot;</td>
</tr>
<tr>
<td>Bit Box</td>
<td>4 (\frac{1}{2}) Reg</td>
</tr>
</tbody>
</table>

- Mandrel Connection Diameter: 3.500"  
- Mandrel Minor Connection Diameter: 3.300"  
- Mandrel Bore: 1 \(\frac{1}{4}\)"  
- Maximum W.O.B.: 85,000 lbs @ 150 R.P.M.  
- Maximum W.O.B.: 40,000 lbs @ 320 R.P.M.  
- Maximum Pull While Back Reaming: 58,000 lbs @ 150 R.P.M.  
- Maximum Pull While Back Reaming: 27,000 lbs @ 320 R.P.M.  
- Maximum Overpull to Re-Run: 105,000 lbs  
- Absolute Overpull: 210,000 lbs  
- Maximum Torque Mandrel: 33,500 ft.lbs  
- Stabilizer Torque: 10,000 ft.lbs

Scientific Drilling’s Titan TD drilling Motor delivers the highest quality design for ultimate reliability while providing a short bit to bend solution.

After extensive testing and proven success, SDI launches the Titan TD, a new standard to the downhole motor market and a revolutionary answer to curve and lateral one run challenges.

TAKING YOU FROM KICK-OFF TO TD

[www.scientificdrilling.com](http://www.scientificdrilling.com)