



DRILLING STABILIZERS

INTEGRAL BLADE STEEL STABILIZER

Drill collars, when used without stabilizers, tend to buckle and cause unwanted deviation. A typical bottom hole assembly (BHA) will include one or two stabilizers placed in the drillstring to increase stiffness. Sometimes additional stabilizers are added to the drillstring to further increase BHA rigidity to ensure that wellbore deviation is minimized.

Stabilizers also prevent differential sticking of the drillstring by stabilizing the BHA and keeping drill collars and drillpipe away from the borehole wall. This reduces vibration, drillpipe whirl, and wellbore tortuosity; moreover, the stabilization maintains drilling trajectory whether drilling straight, horizontal, or directional wells.

The **Integral Blade Steel Stabilizer** is a product of exact manufacturing and is engineered to stabilize your drillstring in the most challenging drilling conditions.

When drilling through hard formations, the required weight on bit to drill the wellbore exerts tremendous side loads on the blades of the stabilizer. The **Integral Blade Stabilizer's** one-piece construction ensures you have the reliability and durability to drill with confidence. TECSEP's Downhole Integral Blade Stabilizers are available in both Straight and Spiral Blade designs.



RELIABILITY AND DURABILITY TO DRILL WITH CONFIDENCE

ADVANTAGES

- **BIB Stabilizer** – Body integral blade stabilizers are cut out a single piece of fully heat-treated AISI 4145H steel with a perfect design for a small to medium size stabilizers, ensuring string integrity while remaining economical.

- **3 different options for hardfacing on the blades:**



Toploy - Satisfactory behaviour in soft formations and easy to repair.



Topflame - Excellent behaviour even in hard and abrasive formations or in H25 environment. Adheres well to its support. Sound deposit, without cracks in spite of its extreme hardness.



Topic - Excellent behaviour even in hard and abrasive formations. Excellent impact strength, resistant to abrasion and H25 corrosion.

