

Non-Rotating Flexible Stabilizer

Provides stabilization to enhance performance in casing-cutting or wellhead-retrieval operations

Applications

- Well-abandonment operations
- Casing-cutting operations
- Fishing operations

Features and Benefits

- The tool dampens vibration for a smoother operation, which reduces knife damage and results in quicker cutting times.
- The stabilizer positively centralizes the casing cutter, which reduces eccentricity and enables a smaller cutter knife length to be deployed.
- A non-rotating bearing sleeve reduces torque.
- Flexible stabilizer blades are able to pass through wellhead restrictions and then expand against the larger casing inner diameter (ID).
- Soft stabilizer blades reduce damage to the wellhead ID.

Tool Description

The Weatherford non-rotating flexible stabilizer positively engages the ID of the casing to centralize the cutter assembly and improve performance in casing-cutting and well-abandonment operations. As the cutter rotates, the stabilizer section remains stationary to reduce vibrations during cutting.

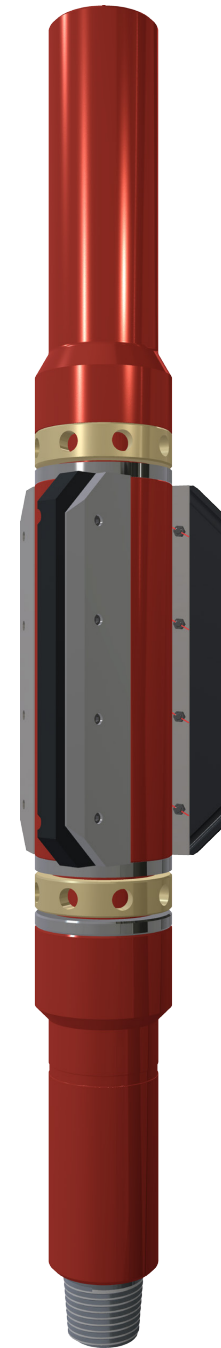
Stabilizer dampening blades, in combination with the smooth operation of the bearing sleeve, reduce damage to cutter knives while improving cutting performance and saving valuable rig time. The flexible stabilizer blades are made of a wear-resistant elastomer for increased resilience.

The non-rotating stabilizer mandrel and sleeve move independently of each other. The mandrel can accommodate different sizes of stabilizer blades, depending on the casing ID. Milled flutes along the length of the blade provide a bypass path for fluid and cuttings.

Specifications

Connection: upper	6 5/8-in. Reg Box
Connection: lower	6 5/8-in. Reg Box
Fishing neck OD	8 in. (203.2 mm)
Tool ID	2.81 in. (71.37 mm)
Overall length	90 in. (2,286 mm)
Minimum pass-through restriction ID	17.5 in. (444.5 mm)
Casing size range*	18 5/8 to 22 in.
Total pulling capacity	1,998,000 lb (906,277.56 kg)
Maximum operating torque	46,000 ft-lb (62,367 N•m)
Approximate weight	1,550 lb (703.07 kg)

*Specific sized blades are required per casing size or application.



The Weatherford non-rotating flexible stabilizer is used to improve cutter performance on wellhead retrieval projects. It can be run above the cutter or in combination with other downhole tools.

