

Hinged Welded Bow Spring Turbolizer -SH05

Available in 3 1/2" to 20 "sizes + any special sizes



SledgeHammer's Hinged Welded Bow Spring Turbolizer induces a spiral flow pattern in the slurry thereby increasing displacement efficiency. It has deflector blades fitted on Standard Bow Springs. These blades or Fins are specially made of Heat Treated spring steel. Processed under rigid condition as per API 10D specifications.

It is equipped with Right and Left hand combination. Welded Turbolizer is ideal for deviated and horizontal well. Bow Springs are strongly welded to the End Collar under required temperature and condition with extra low Hydrogen coated Electrodes, which assured ultimate strength and uniformity in every weld. Integral hinge folded on the inside stay intact even under extreme stress. The End Collars are designed with a reinforcing Rib stamped into the End Collar to give maximum structural toughness Another special characteristics are built in Stop device on leading End Collar. The metal fins are installed on the bows, to help induce turbulence in the cement slurry during pumping operation. Spring action of blades makes them flexible, which minimize damage while moving downhole.

This device improves the cleaning action of drilling fluids, distribute the cement slurry into well bore irregularities and minimize channeling. . These Centralizers undergo a special Iron Phosphate coating process to prevent from Rust then coated with special Polyester Powder These can be shipped in half assembled condition for economy in shipping and storage costs. These are available in 3 1/2 " to 20 " sizes. Any special sizes or combination can available on request.