



# Openhole Billet Whipstock

Weatherford's openhole billet whipstock is a simple-to-use device for coiled-tubing (CT) drilling of openhole sidetracks and redirection of wellpaths. Use of this technology is significantly more economical than alternative methods, such as cement plugbacks. The effectiveness and reliability of the whipstock have been proven in demanding CT drilling applications in Alaska.

## Applications

- CT drilling of openhole sidetracks
- Correcting the azimuth of a well drilled in the wrong direction
- Circumvent a fish in the well

## Features, Advantages and Benefits

- The whipstock can be set in the open hole to enable the drilling of a sidetrack without the need for a cement plugback, which:
  - Significantly reduces time, costs, and risks associated with conventional cement plugbacks, especially in horizontal wells or hard formations;
  - Enables kicking off closer to the problem area, saving a valuable hole that has already been drilled (initiating the sidetrack deeper in the wellbore saves significant time and cost);
  - Increases production during real-time underbalanced operations with fast and efficient changing of drilling direction for optimum wellbore placement in the producing zone;
  - Enhances personnel safety and environmental integrity by reducing the need for redrills.

## Specifications

Hole Size (in./mm)	Tool OD (in./mm)	Anchor Length (in./mm)	Billet Length (in./mm)	HST* Length (in./mm)	Overall Length (in./mm)	Packing Element System	Washer Spring System
2.75 to 3.50 69.85 to 88.90	2.5 63.5	61 1,549	120 3,048	42.5 1,080	223.5 5,677	Yes for up to 3.0	Yes

\*Hydraulic setting tool

