

Slotted Liner I-Wheel®

Creates low contact areas that keep the tubing or casing joint off the low side of the well

Applications

- Assists the deployment of slotted liner strings in deviated or horizontal well bores
- Can also be utilized for the deployment of well screens

Features and Benefits

- Provides lift and reduces contact with the well bore
- Creates standoff which drastically reduces the risk of sticking
- Free spinning around the circumference of the slotted liner, which facilitates self-orientation to assist deployment

Tool Description

The Weatherford slotted liner I-Wheel is an innovative friction reduction device designed to convey tubing or casing strings efficiently and reliably into highly deviated or extended lateral horizontal well bores.

The I-Wheel creates low contact areas that keep the tubing or casing joint off the low side of the well, passing over problem areas that can cause sticking. The slotted liner I-Wheel is connected to the tubing string by a mandrel that matches the physical and mechanical properties of the tubing. When placed between each joint of tubing, it acts as a coupling, allowing the I-Wheel to rotate freely and self-orient.

Specifications

Hole size	3.0 in. (76.5 mm)
Tubing/mandrel size	2.375 in. (60.325 mm)
Tubing weight	4.7 lb (2.1 kg)
Tubing ID	1.995 in. (50.673 mm)
Tubing/mandrel thread	ST-L
Tubing grade	L-80
Mandrel makeup length	8.0 in. (203.2 mm)
I-Wheel assembly OD	1.0 in. (25.4 mm)

Other sizes available upon request.

