



Weatherford®

Thru-Tubing Intervention

TT-360™ Casing Exit System

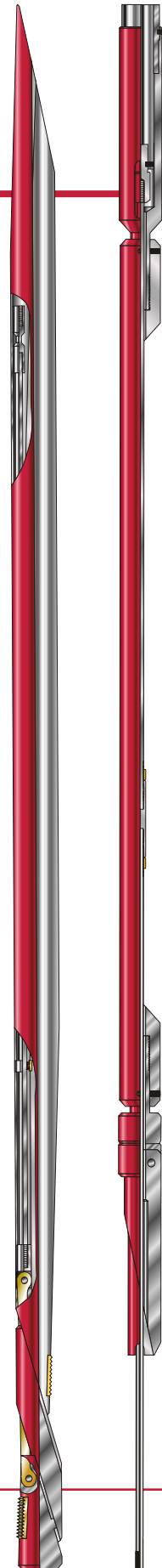
Weatherford's *TT-360* whipstock can pass through certain restrictions in the tubing and set in the casing below. It adapts to multiple casing or tubing weights without intervention and provides optimal versatility with its ability to be set at any azimuth required. This whipstock has a proven track record from extensive testing and field operations.

Applications

- The *TT-360* whipstock can be run through a completion string and passed through small restrictions, such as nipple profiles, and the end of the tubing to be set in the larger-diameter area below, facilitating the milling of an exit window.

Features, Advantages and Benefits

- The large expansion ratio of the anchored whipstock design enables the tool to pass through small restrictions and set in a larger-diameter area, saving the cost of pulling the existing completion string.
- The ratchet ring system allows retention of the setting force by locking the whipstock in the *set* position and providing a stable platform for the milling operation.
- The opposing slip design forces the top of the whipstock face against the tubing wall, minimizing risk during milling operations and future entry into the window.
- The *TT-360* whipstock is able to orient 360° and can be used at any azimuth or orientation.
- The whipstock allows for elevated weight-on-bit ratings to provide a greater rate of penetration when milling the window.
- Single-trip deployment provides cost savings.





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Specifications

Tubing/Casing		Maximum Tool OD (in./mm)
Size (in.)	Weight (lb/ft)	
4-1/2 x 5-1/2	17.0	3.670
4-1/2 x 7	17.0 to 29.0	93.22