

The Eaton Whipstock is an economical, quality built tool designed to prepare or “cut a window” in the casing of your existing well bore. The Eaton Whipstock can be utilized in a vertical or high angle hole for sidetracking the original wellbore or in preparation for directional or horizontal drilling. This design allows it to be run in vertical or high angle holes. The Tail Trip Design of the Eaton Whipstock may be set off of a bridge-plug, junk, or any other obstruction in the well bore. Due to the design of the slip teeth, once the tail trip mechanism is set, the Eaton Whipstock can neither be lowered nor rotated. On the first trip in the hole the Eaton Whipstock is lowered by way of the starting mill, orientated to your predetermined direction, anchored, and initial milling of the casing window is begun. The completion of the casing window is achieved on subsequent mill runs.

Eaton also offers a Retrievable Tail Trip style Whipstock and the newly designed Easy Track Casing Departure System, which provides cost saving through the elimination of multiple trips.



#### WINDOW MILL

The Window Mill has been designed to mill the window as fast and safe as possible. The design of the mill will grind the casing like a fine metal powder instead of metal shavings or chips. With the round nose and radial ground design of the window mill, it is virtually impossible to mill up the whipstock.



#### WATERMELON MILLS

The Watermelon Mill was made to run in tandem with other mills designed and dressed in such a way that it can mill up or down. The watermelon mill is also designed to grind up casing into a fine metal powder instead of metal shavings.



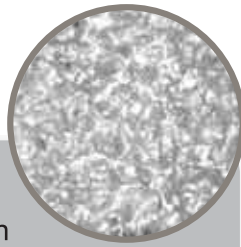
#### STARTING MILL

Starting Mills are specialized milling tools used for orientation of the whipstock as well as landing and setting of the whipstock in a predetermined direction. After shearing the setting stud, the milling operation begins, guided by a tapered pilot, creating the initial cutting of the casing window.



### HARDFACING

The hardfacing on the mill assembly is an engineered complexion of crushed sintered carbide and specifically shaped carbide inserts placed to maximize cutting performance.



### EASY TRACK CASING DEPARTURE SYSTEM

Use of the Easy-Track Casing Departure and Multi Mill milling assembly allows the operator a time/cost savings. By combining two runs into one; the running and setting of the Whipstock and the milling of the Window Trip-time is eliminated, generating savings for the operator.



### BOTTOM TRIP ANCHOR ASSEMBLY

The bottom trip anchor assembly is a mechanical set system to set the whipstock firmly in the existing wellbore. It can be tripped off any false bottom and set to shear at a variety of compressive weights.



### SHEAR BOLT

The shear bolt attaches the mill assembly to the whipstock face to run the assembly to the desired setting depth. Its design allows for flexibility in tight spots while still allowing for compressive shearing.



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