

Pen-O-Trator[®] V2 Reamer Shoe

Product:

The Pen-O-Trator **V2** reamer shoe is the industries biggest step change in design and performance of casing reamer shoes in a generation. The reamer shoe has been specifically designed to aid with the installation of any casing, liner or screen application where the operator has concerns over potential difficult wellbore conditions such as swelling shales, ledges and washed out areas within the wellbore. The Pen-O-Trator **V2** has enhanced the capabilities of the sector leading Pen-O-Trator reamer shoe with improved cutting structure, optimised hole cleaning, improved drillout, enhanced ledgeriding ability and full design variability, all with the industry leading Pen-O-Trator reputation.

Features:

- Fully bespoke and customizable
 - *Variable cutting structure*
 - *Blade helix angle*
 - *Drillout aid features*
 - *Back-reaming*
 - *Port positions*
- Engineered profile for improved drillout
- Enhanced ledgeriding abilities
- Better cement key
- Improved reaming capability
- Casing friendly gauge

Options:

- API and premium connections available
- All casing grades and weight options
- Nose material options
 - *Alumiunium or composite*
- Customized OD to suit client requirements
- Integral single or dual float valve
 - *Qualified to API RP 10F, CAT IIIC*

