



# Vort-X™ BOP / Wellbore Jetting Tools

REDUCED OPERATING TIME, MAXIMISES RISER AND BOP CLEANING EFFICIENCY.



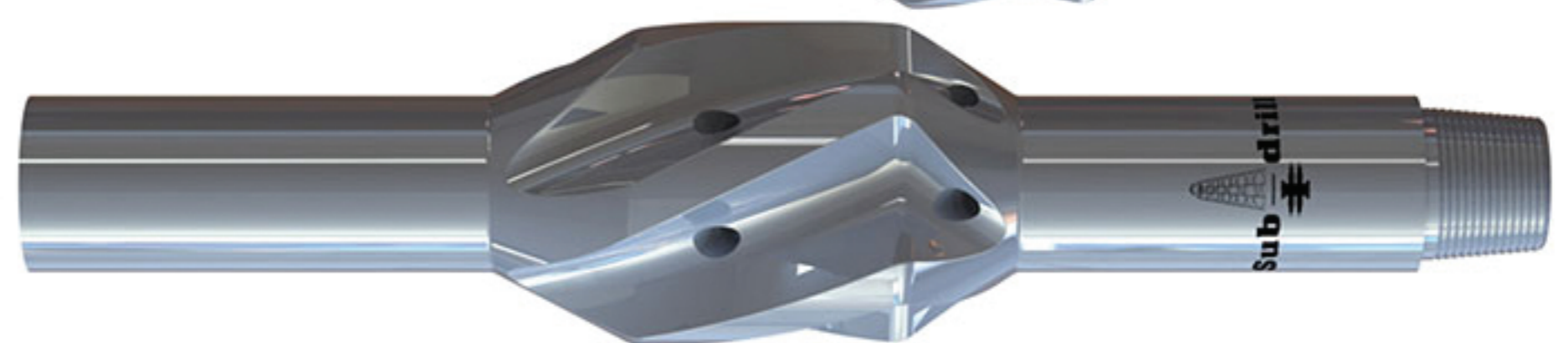
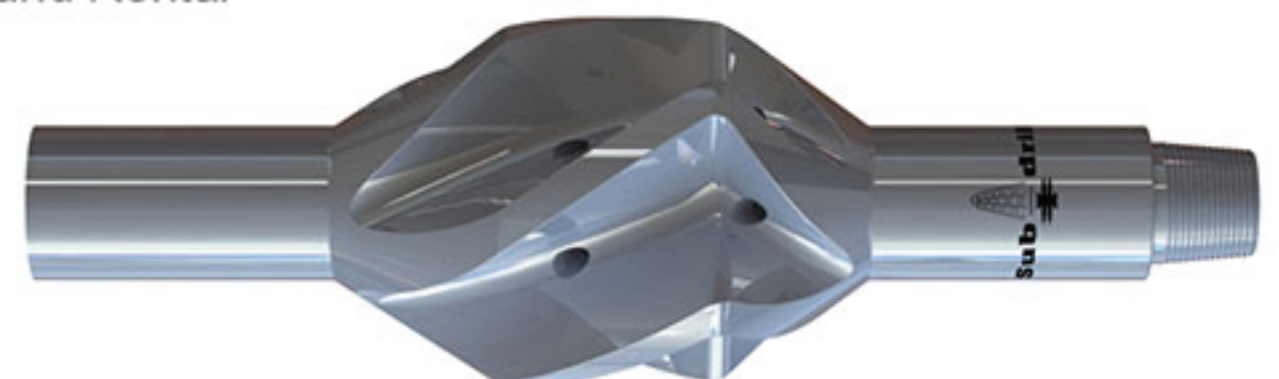
Vort-X™ Jetting Tools have been developed as the next step in the evolution of BOP & Riser Cleaning / Jetting and debris removal. The tools create a fluid vortex which pulls debris out of BOP cavities and forces it upwards into the well flow. Due to the unique integral design and geometry incorporated in the tool it can be run at higher flow rates compared to conventional jetting tools allowing an effective cleaning and debris removal operation to be carried out. The robust integral design limits the need for servicing or the possibility of break down which can be an expensive problem with sleeve type tools.

## APPLICATIONS

- > Deep Water and Standard Depth BOP and Riser cleaning
- > BOP and Riser cleaning before disconnecting or moving location

## ADVANTAGES

- > Creates a Vortex that pulls debris out of BOP cavities
- > Cost Savings – reduced operating time, BOP maintenance and non-productive time
- > Effective cleaning and removal of debris from the BOP and Riser
- > Unique design enables higher flow rates during cleaning operations
- > Integral one-piece design with limited servicing and maintenance
- > Tool always in the open / cleaning / jetting position
- > Available for Purchase and Rental



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**SPECIFICATIONS:** Vort-X tools are available to suit the following BOP sizes as standard, 21 1/4" / 18 3/4" / 16 3/4" and 13 5/8", please contact us for additional sizes or technical information.

Tool Tensile and Torsional strength is dependant on the Connections, OD and ID the tool is manufactured with. See additional PDS for the specific tool required. To maximise metallic debris removal we recommend running the Vort-X™ jetting tool with magnets as part of an assembly.

