



NXG DATA SHEET / DRILLING TOOLS /
TRI-TORNADO



TRI-TORNADO

36" x 26" Dual Stage Hole Opener

OUR HOLE OPENER BOASTS A SERIES OF FEATURES THAT UNDERPINS ITS PERFORMANCE:

The smooth transition on the body OD reduces the chances of debris build up and packing off. The spiral body blades and pilot blades encourage directional turbulent flow, removal of cuttings/debris and excellent hole cleaning.

This unique hole opener has offset positioned cutters to allow a more aggressive cutting effect and strategically placed upward facing nozzles to encourage flow and ensure the cutters stay free of debris. The nozzles are held in retainers and are not machined as part of the integral body, enabling easy replacement and preventing body damage from washing. 6 cutter design for maximum ROP performance.



THE NXG “TRI-TORNADO” DUAL STAGE HOLE OPENER IS DESIGNED TO CRUSH BOULDERS DURING SPUDDING OPERATIONS.

KEY FEATURES

- Smooth transition on body OD
- Spiral skirt blades and pilot blades
- 6 Offset Cutters designed for maximum performance
- Unitized saddles
- Reinforced hardfacing on vulnerable areas
- Available in various sizes

BENEFITS

- Cost-effective to manufacture and therefore competitive hole opener to run
- Cutters positioned in an offset manner ensuring a more aggressive cutting effect
- The spiral blades above the cutters body reduce chances of cutting build up and packing off
- Unitized saddles provide for easy replacement and can accommodate various cutter types
- Spiral skirt blades encourage directional flow and removal of cuttings
- Strategically placed upward nozzles encourage flow and ensure cutters stay free of debris

SPECIFICATIONS / DIMENSIONS

Approx. Weight [Incl. Cutters]
2.75 Tonnes

Pilot Hole Diameter
17 1/2"

Hole Opener Diameter
36" x 26"

Pin Connection
7 5/8" Regular

Box Connection
7 5/8" Regular

Fishing Neck Diameter
9 1/2"

Tong Neck Diameter
9 1/2"

Inside Diameter
3"

Fishing Neck Length [at New]
48"

Tong Neck Length [at New]
15"

Overall Length [at new]
146"

Pilot Hole Upset Length
20"

Stage 1 Upset Length
8"

Total Junk Slot Flow Area
170 sq/in

Cutter Quantity
6

Cutter Type [Other types available]
Milled Tooth

Bearing Type [Other types available]
Sealed Roller

Nozzle Quantity
6

Nozzle Direction
Upwards

Saddle Type
Security

CUTTER FORMATION



WANT MORE INFORMATION ON OUR HOLE OPENER?
VISIT WWW.NXG-GROUP.COM OR EMAIL US AT INFO@NXG-GROUP.COM