



Booster Bypass Tool

The Booster Bypass Tool was developed to assist operators in achieving higher flow rates **while drilling**. By splitting the flow while drilling, the operator will achieve more effective continuous hole cleaning and well-bore management, while maintaining allowable flow rates through today's sophisticated downhole tools. This innovative tool uses the following features to make it unlike any other circulation tools in the market.

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BENEFITS

FEATURES

- Single ball activation / de-activation cycles
- Changeable port jetting nozzles are directed up-hole
- Fluted main body has wear reduction coating
- Completely mechanical, easy to use, and consistently reliable
- Integrated float minimizes tool length while maintaining well control
- A customized Hydraulics program is utilized to size tool nozzles for optimal performance

HIGHLIGHTS

- Flow in the tool remains in the optimum range
- Drilling parameters remain optimum at the bit
- Better steerability
- Better hole conditioning (no washout)
- Optimum motor and RSS performance
- Elimination of tool damage due to erosion and vibration during clean up cycle
- Simple and reliable, which saves the operator rig time



SPECIFICATIONS

Tool Size (in.)	5	6 3/4
Maximum OD (in.)	5.875	8.375
Minimum ID (in.)¹	1.400	1.800
EHD (in.)	1.46	2.17
Standard rig ends	NC 38 (3 1/2"IF)	NC 50 (4 1/2"IF)
Fishing neck ID (in.)	5.000	6.750
Activation/De-activation Ball OD (in.)	1.50	2.00 ²
Number of stabilization pads & nozzles	4	3
Nozzle size range (in.)	7/32 – 16/32	7/32 – 16/32
TFA through tool (in²)	1.67	2.92
TFA through nozzles (min. in²) (when tool is activated)	0.148	0.111
TFA through nozzles (max. in²) (when tool is activated)	0.784	0.589
Weight (lbs) (new tool)	460	1,198

¹ Minimum Tool ID could vary if Activation Ball or Dart is used

² Tool can be dressed for 2 3/16" OD Activation / Deactivation balls

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