



PBL[®] Multiple Activation Jetting Tool

The PBL[®] Multiple Activation Jetting Tools utilize the same industry proven components used in the DSI PBL[®] Multiple Activation Bypass System. Enhanced cleanout operations are conducted through an array of jet nozzles positioned throughout the sleeve.

BENEFITS

UNIQUE FEATURES

- Balanced system, unaffected by hydrostatic pressure
- Ball shearing pressure can be set to the operator's preference
- Shear pressure can be set high to "shock" the drill pipe to aid in scale and cement removal
- Tool can be cycled multiple times in a single trip

APPLICATIONS IN DRILLING AND COMPLETION

- Cleanout of BOP, risers, liners hangers, and liner tops without additional pipe trips
- Increased flow rates to aid in hole cleaning during displacements
- Can be utilized with various brush and cleanout tools for maximum riser cleanup
- In BHA, cleanouts while tripping out of hole without rotation of the drill pipe



SPECIFICATIONS

Tool OD (in.)	6 3/4	8 1/4	9 1/2
Connection	NC 50 (4 1/2"IF)	6 5/8 REG	7 5/8 REG
Sleeve OD (in.)	11 or 16 ^{1,2}	16.25 ^{1,2}	16.25 ^{1,2}
EHD (in.)	1.93	2.42	2.42
Number of ports ³	12 or 18	30	30
PBL[®] Cycles ⁴	5	5	5

¹ Sleeve blades coated with "casing friendly" material

² Alternate diameters may be available

³ All port nozzles are field changeable

⁴ Extended length cages may be available on request

⁵ Minimum tool ID could vary if Activation Ball or Dart is used

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