

Key Advantages

- **Elimination of Collateral Damage:** Unlike explosives, abrasive jetting does not create a “crushed zone” around the perforation. This maintains the natural permeability of the rock, reducing skin factor and improving initial flow rates.
- **Precision and Flexibility:** Operators can precisely control the duration of the jetting to create specific hole geometries or deep-penetrating slots.
- **Enhanced Safety:** A non-explosive method, simplifies logistics, reduces rig-site hazards, and is ideal for environments where pyrotechnics are restricted.
- **Ideal for Re-Completions:** Extremely effective for cutting through multiple casing strings or thick cement sheaths where standard charges might fail.

Applications

- **Unconventional Reservoirs:** Creating clean entry points for multi-stage hydraulic fracturing.
- **Sand Control:** Preparing the wellbore for gravel pack completions.
- **Heavy Oil:** Maximizing surface area in thick, viscous formations to improve mobility.
- **Well Control:** Establish circulation between production tubing & casing during P&A operations

Tools Sizes

TUBING SIZE (OD)	TYPICAL TUBING DRIFT ID*	TOOL OD	SHOTS PER FOOT
2-7/8"	2.347"	1-11/16", 2-1/8"	2
3-1/2"	2.867"	2-1/8", 2-1/2"	4
4-1/2"	3.833"	2-7/8", 3-1/8"	6
5-1/2"	4.767"	3-1/8", 3-1/2"	6

