

Ax™

The Mechanical Perforator

Ax™, the mechanical perforator is designed to perforate the casing while preventing to cause damage to the outer casing. The Ax™ will operate when the power section is exposed to pressure to drive the perforator knives. Capable of performing multiple number of sequences in a single run, maximizing operational productivity. Reliable, consistent, and built for the toughest challenges!

Features & Benefits

- Pressure activated, multiple sequences in a single run
- 4 holes in one sequence
- Explosives free, replacing conventional TCP guns
- RIH dormant in combination with other tools
- Designed to accommodate torque and weight transfer

Typical Applications

- Punch and circulate
- Annulus verification (Stronghold® Defender®)
- Casing cleaning and recovery (THOR®)
- Perforate, wash and cement (Stronghold® Barricade®)

Specifications

Casing size	9 5/8"	10 3/4"	13 3/8"
Max opening OD	282,7 mm / 11,129"	312,7 mm / 12,313"	383,2 mm / 15,09"
Tool OD	8,228"	9,44"	12,12"
Minimum ID	38,1 mm / 1,5"	38,1 mm / 1,5"	38,1 mm / 1,5"
Top Connection	NC50 BOX	NC50 BOX	NC50 BOX
Bottom Connection	NC50 PIN	NC50 PIN	NC50 PIN