



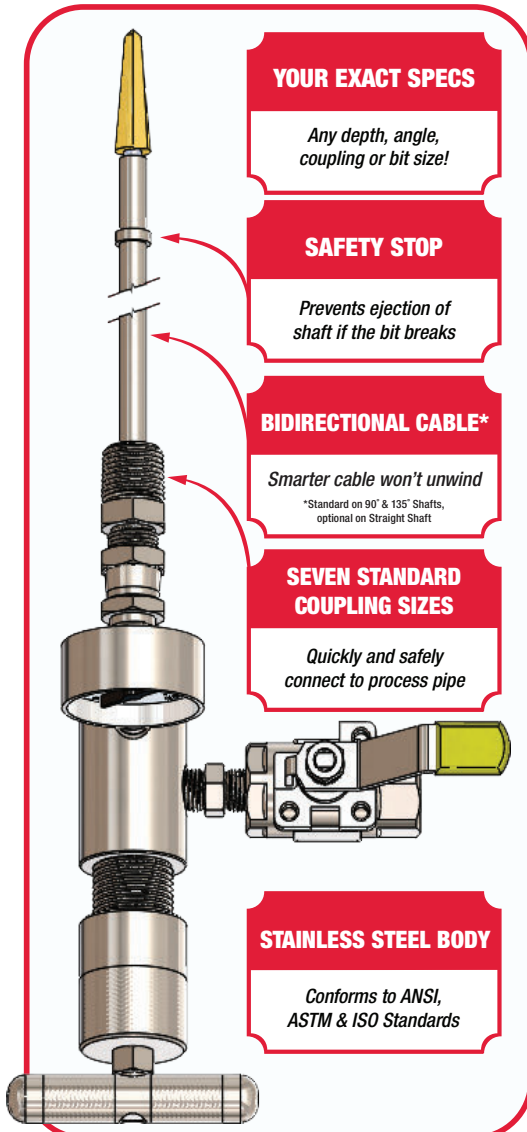
Bleeder Cleaner / Rod Out Tools

The Safer, Smarter and Stronger Tool to Remove Clogs

INDUSTRY LEADING SAFETY & PERFORMANCE FEATURING PATENT PENDING BI-DIRECTIONAL CABLE



Bleeder cleaners—also known as rod-out devices, orifice tap cleaners, or tap reamers—provide a safe, efficient method for clearing clogged bleed, drain, vent, and instrument tap valves during normal operations while fully containing the product. When used correctly, this tool eliminates the risk of hazardous product releases and prevents personnel from being exposed to unsafe conditions.



YOUR EXACT SPECS

Any depth, angle, coupling or bit size!

SAFETY STOP

Prevents ejection of shaft if the bit breaks

BIDIRECTIONAL CABLE*

Smarter cable won't unwind

*Standard on 90° & 135° Shafts, optional on Straight Shaft

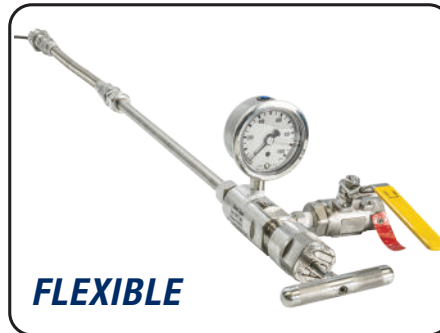
SEVEN STANDARD COUPLING SIZES

Quickly and safely connect to process pipe

STAINLESS STEEL BODY

Conforms to ANSI, ASTM & ISO Standards

AVAILABLE IN FOUR SHAFT TYPES:



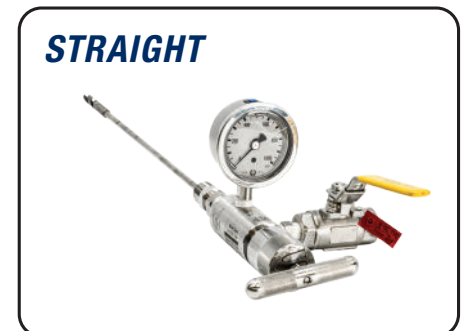
FLEXIBLE



90°



135°



STRAIGHT

DRILL BIT TYPES:



TWIST



EVERLAST

MOST COMMON COUPLING SIZES*

1/2" 3/4" 1" 1-1/4" 1-1/2" 1-3/4" 2"

MOST COMMON DRILL BIT SIZES*

1/4" 5/16" 3/8" 7/16" 1/2" 3/4"

WHEN ORDERING SPECIFY:

- Shaft Length (14" standard)
- Shaft Type (Straight, 90, 135 or Flexible)
- Drill Bit Type
- Coupling Size
- Drill Bit Size
- Quantity
- Delivery Date

All Bleeder Cleaners are rated to:

1,000° F / 1,000 PSIG**

** Rated for 1,000° F and 1,000 PSIG when following usage guidelines per instruction manual.

The cable is bidirectional and will not unwind when rotated counter-clockwise. Standard reach is 14", with custom lengths available upon request. **Custom sizes available.*