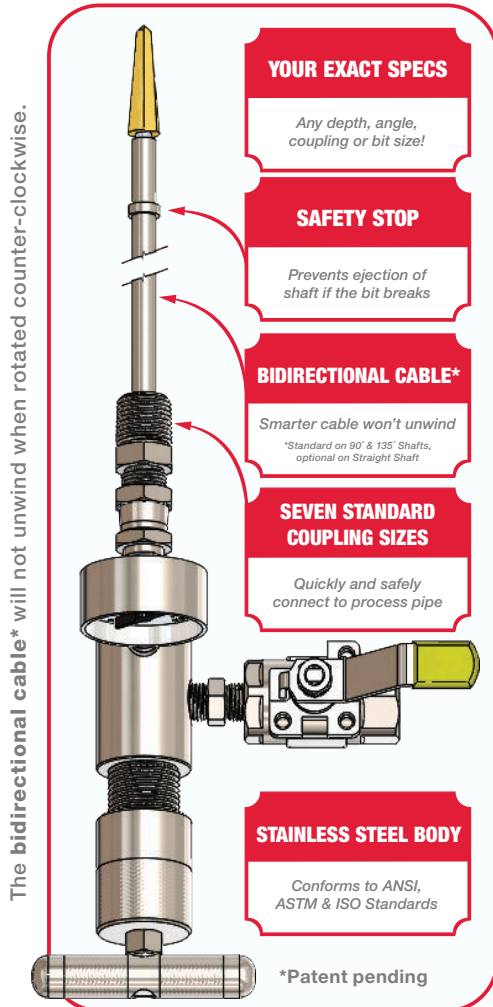


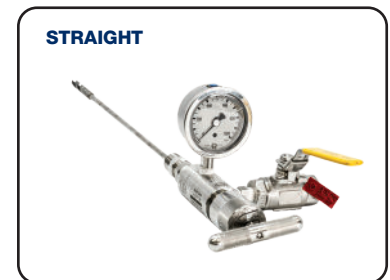
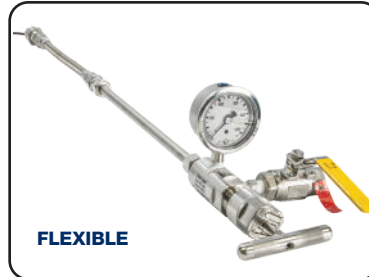
BLEEDER CLEANERS | ROD OUT TOOLS

INDUSTRY-LEADING SAFETY & PERFORMANCE TOOLS FOR CLEARING CLOGGED BLEEDER VALVES AND PROCESS LINES

Bleeder cleaners — also known as rod-out devices, orifice tap cleaners, or tap reamers — provide a safe and efficient method for clearing clogged bleed, drain, vent, and instrument tap valves during normal plant operations, while fully containing the product. When used correctly, these tools eliminate hazardous product releases and protect personnel from exposure to unsafe conditions.



AVAILABLE IN FOUR SHAFT TYPES:



DRILL BIT TYPES:



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.

SPECIFICATION	DETAILS
SHAFT CONFIGURATION TYPES	90° • 135° • Straight • Flexible
BIT TYPES	Everlast • Twist
COMMON DRILL BIT SIZES	1/4" • 5/16" • 3/8" • 7/16" • 1/2" • 3/4" (custom sizes available)
COMMON COUPLING SIZES	1/2" • 3/4" • 1" • 1-1/4" • 1-1/2" • 1-3/4" • 2" (custom sizes available)
STANDARD SHAFT LENGTH	14" (longer shafts available upon request)
TEMPERATURE & PRESSURE RATINGS	Up to 1,000° F & 1,000 PSIG
STANDARDS	ANSI • ASME • ASTM
COUNTRY OF ORIGIN	USA

