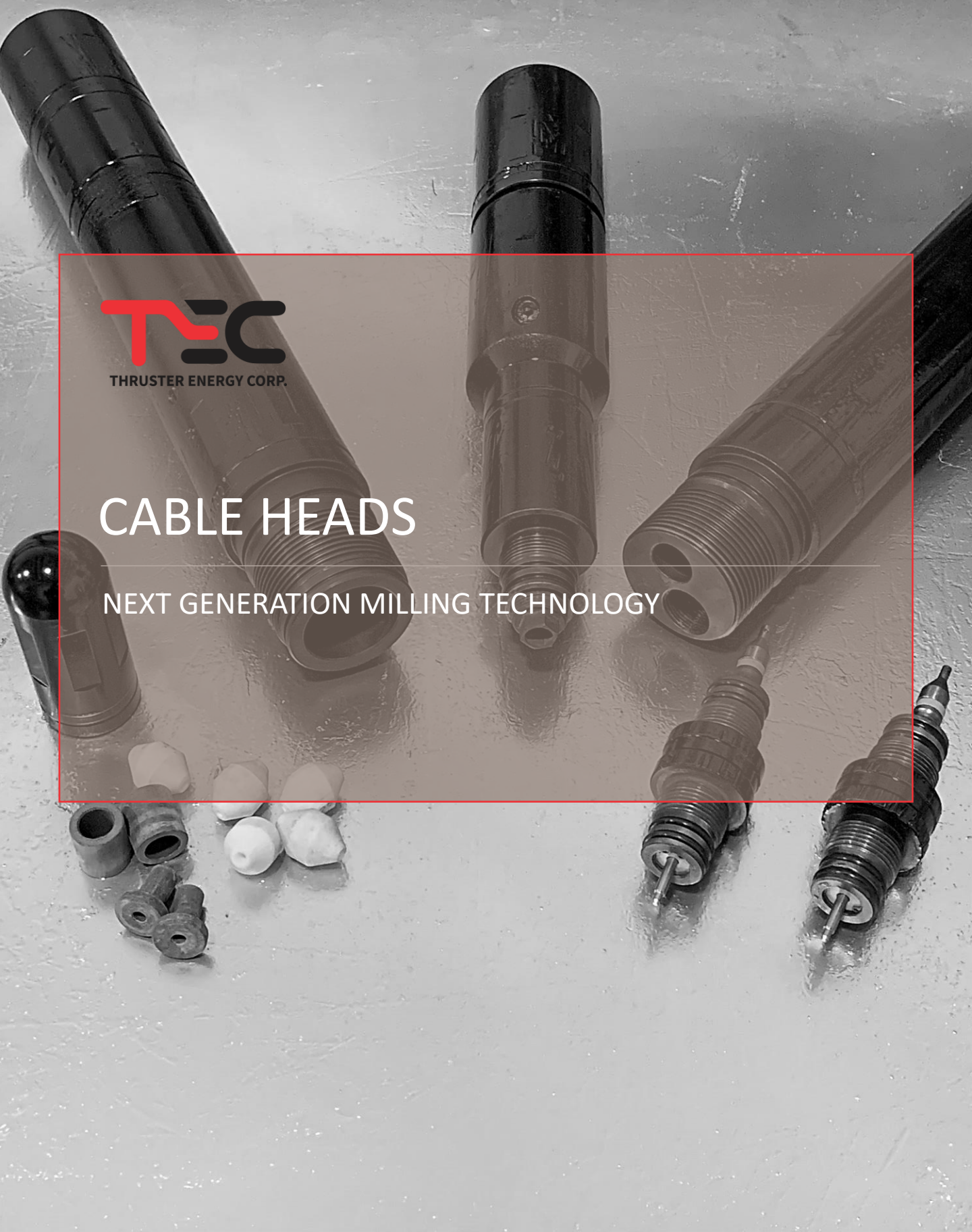




# CABLE HEADS

NEXT GENERATION MILLING TECHNOLOGY



TEC's E-Coil Cable Head is designed for Coiled Tubing E-Coil Operations and connects to the wireline inside of the Coiled Tubing and the Coiled Tubing itself. Job Scopes include logging, perforation guns, down-hole camera/ ultrasound applications as well as Smart Coil applications.

There is a termination point for the wireline and gives an electrical connection to the subsequent tool being ran in the well. The lower Pack-Off creates a chamber which allows the wireline to be terminated to a standard electrical connection that is not affected by wellbore/ pumped fluid.

The E-Coil Cable Head is designed with a shock-mounted dual-activated disconnect, which serves as an emergency release in case the tools become stuck in the well. Well control is performed through the double-flapper check valves.

## Design Features

- Pressure Rated to 10,000 PSI (68.9 MPa)
- Shroud Available to Run with a Camera to Direct Flow to the End of the Camera
- Pump-Thru Design
- Well Control
- Dual-Activated Release Tool
- Temp Rated to 302° F/ 150° C

### TECHNICAL SPECIFICATIONS (2.5 STUB ACME)

TEMP	TENSILE YIELD	TORSIONAL YIELD	MAX WORKING PRESSURE
302° F	103,000 lbf	1,900 ft-lbs	10,000 PSI 68.9 MPa
150° C	46,000 daNs		

### TECHNICAL SPECIFICATIONS (GO PIN)

TEMP	TENSILE YIELD	TORSIONAL YIELD	MAX WORKING PRESSURE
302° F	66,000 lbf	300 ft-lbs	10,000 PSI 68.9 MPa
150° C	25,900 daNs		

TEC's 2.875" Flow-Release Tool is designed to work with the TEC 2.875" Cable Head Tool.

The design of the Flow-Release Tool requires the operator to perform two concurrent operations in order to release from the BHA, first through a pre-determined flow rate followed by an overpull exceeding the shear value of any combination of brass or steel shear pins.

## Design Features

- Shear Pin configuration easily calibrated at the field level
- Two-step operation to release from the BHA, giving the operator full strength to pull or push the BHA to its maximum parameters of the BHA if necessary
- Designed to withstand extreme environments during Perforating Operations

**TEMP  
RATING**

150° C  
302° F

**TENSILE  
YIELD**

42,300 daNs  
42,300 lbf

**MAX  
WORKING  
PRESSURE**

68.9 MPa  
10,000 PSI

**SHEAR VALUE  
PER PIN  
(BRASS)**

1,900 PSI

**SHEAR VALUE  
PER PIN  
(STEEL)**

3,600 lbf