

TIW[®] Casing-Tubing Opener (CTO)

Proven to Efficiently Open Collapsed Areas of Casing and Tubing Strings

The TIW Casing-Tubing Opener (CTO) is a proven tool for opening collapsed areas in a casing or tubing string. It is deployed on a work string of drillpipe or tubing and is hydraulically activated. This multi-piston hydraulic power tool and anchoring system provides a means to generate significant force at the collapse and drive a coned anvil through the collapse section, opening up the collapsed area and allowing service tools to pass through.



Simple Operation

1. The TIW CTO Tool is run in the well until the anvil reaches the top of the collapsed system.
2. The anchor is set with right-hand rotation.
3. A ball is dropped from surface to a seat in the tool and pressure applied to activate the power section and begin the initial stroke. The power section drives the anvil through the collapsed section.
4. After each stroke, a straight pull releases the anchor and resets the anchor to the run-in position.
5. Slack-off closes the stroke in the power section and resets the anchor. Once the anchor is reset, pressure is applied to continue with the next stroke of the tool.
6. The operating sequence is repeated until the entire length of the collapsed section has been opened.

Contact your TIW Representative for more information on the TIW CTO.

