



CT Running Tool

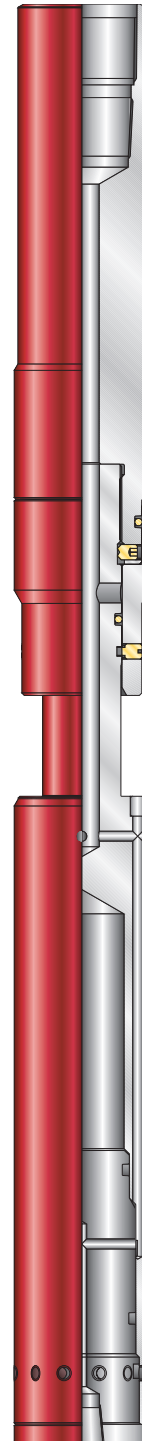
The Weatherford CT running tool is used to deploy an e-line inflatable retrievable bridge plug (E-IRBP). The running tool allows weight to be slacked onto the E-IRBP during inflation while ensuring that the optimal inflation pressure is attained. When full inflation pressure is reached, tubing-to-annulus equalization provides a positive indication that the plug is set. The tool is releasable with a simple overpull.

Applications

- The CT running tool can be used for all applications where a CT-inflatable retrievable bridge plug (CT-IRBP) would be used, and where the ability to stack multiple plugs would assist operations.
- Specific uses include plug-back, zonal isolation, and creating a multiple barrier for wellhead change out.

Features, Advantages and Benefits

- The tool's simple operation increases reliability.
- The low-force, straight pull release eliminates the need to rotate the tubing to release from the E-IRBP.
- Tubing-to-annulus equalization provides assurance the tool is functioning as designed.
- One tool for all E-IRBP sizes reduces inventory costs.
- The tool's straightforward design permits fast and easy redress.





CT Running Tool

Specifications

Tool Size (in./mm)	Overall Length (in./mm)	Piston Area (in. ² /cm ²)	Setting Pressure Maximum ¹ (psi/Mpa)	Release Force Maximum ² (lbf/kN)	Standard Thread Connection (in.)
1.69 42.93	17.75 450.85	1 6.45	2,400 16.55	3,000 13.34	1 WTS-8

¹ See Table A

² See Table B

Table A: Setting pressure

Shear Screws Quantity	Pressure to Shear (psi/MPa)
1	300 2.07
2	600 4.14
3	900 6.21
4	1,200 8.27
5	1,500 10.34
6	1,800 12.41
7	2,100 14.48
8	2,400 16.55

Table B: Release Force

Shear Screws Quantity	Force to Shear (lbf/kN)
1	300 1.33
2	600 2.67
3	900 4.00
4	1,200 5.34
5	1,500 6.67
6	1,800 8.01
7	2,100 9.34
8	2,400 10.67
9	2,700 12.01
10	3,000 13.34