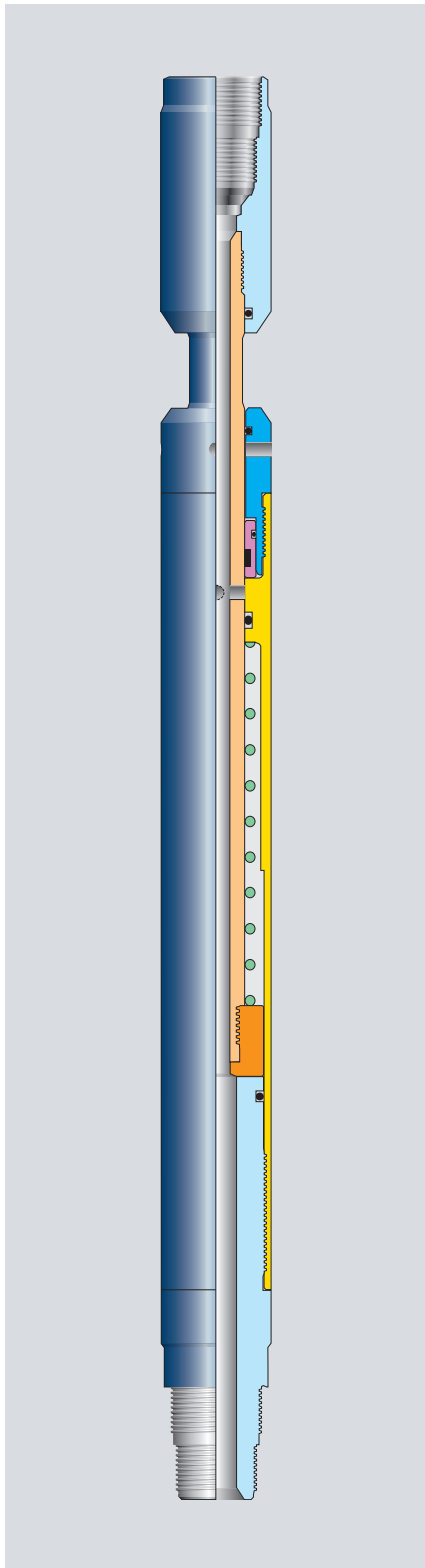


Pickup and Setdown Unloader Valve



Applications

- Run together with mechanical-set treating packers
- Setdown unloader is run above a tension-set packer
- Pickup unloader is run above compression-set packer

Benefits and features

- Enables safe unseating of compression- and tension-set packers
- Allows equalization of differential pressure across a packer
- Avoids damage to packer elements and getting stuck in a well
- Molded seals for multiple cycle operations
- Unloads pressure or allows circulation in either direction
- Easy to operate:
setdown unloader—pull to close, set down to open
pickup unloader—set down to close, pull to open
- Spring-assisted piston reduces required setdown force at the tool.
- No flow manipulation or drop balls required

The CoilTOOLS unloader valve provides a means of equalizing coiled tubing and annulus pressure. With differential pressure across the packer, it may not be possible to set down sufficient weight or to pull enough force to release a packer. If the packer can be released, the sudden equalization of differential pressure can damage the element and prevent additional settings.

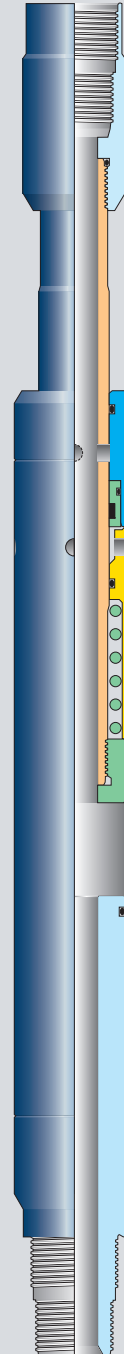
To reduce the risks of being unable to unseat packers, damage to the element and, worst case, getting the packer stuck, the pressure across a packer element should always be equalized prior to releasing the packer. In cases where the pressure cannot be equalized at surface, a circulating valve or an unloader needs to be run above the packer.

The CoilTOOLS setdown unloader is designed to be run above a tension-set packer. The pickup unloader is intended to be run above a compression-set packer.

Pickup Unloader Valve

OD (in.)	ID (in.)	Length [†] (in.)
1.688	0.438	25.000
2.125	0.875	26.000
2.563	1.000	26.876

[†] Includes CS Hydril thread



Setdown Unloader Valve

OD (in.)	ID (in.)	Length[†] (in.)
1.688	0.438	25.750
2.125	0.875	26.625
2.563	1.000	26.875

[†] Includes CS Hydril thread