



Description

The Model TI Packer is a compact, economical, and rugged packer for use in shallow production or injection installations. It is ideally suited for applications where pressure differential from below is expected.

This packer features an adjustable shear-type safety release system which is used to release the packer. The shear release system is located below the packing element with standard factory-set shears.

The shear value of (5,000 lbs.) 2265 daN per pin are easily removed or added to a maximum of 10 (50,000 lbs.) 22,650 daN.

The Model TI Packer may be converted to a non-shear type packer by simply adding a spacer sleeve on the lower mandrel between the shear ring and the bottom coupling. This packer is a single grip tension packer and consideration must be taken regarding differential pressure to keep the packer operational.

Operation

The Model TI Packer is run to the setting depth, and the appropriate amount of tension is applied to set the packer.

To release the packer simply apply more tubing tension than the amount of shears installed in the packer, or lower tubing to re-jay the packer. If there is any annulus hydrostatic differential the packer may not release in this manner.

Specifications

Casing Sizes (in. / mm)	Tool OD (in. / mm)	Tool ID (in. / mm)
4.5 (114.3)	3.75 (95.3)	1.933 (49.10)
5.5 (139.7)	4.50 (114.3)	2.474 (62.84)