

Qteq's hydraulic-set cased hole Completion Packer is an industry proven packer design, activated using tubing pressure, and is retrievable through straight tensile pull. Triple seal elements provide redundancy for all well conditions, where packer element material selection is based upon anticipated well conditions. Casing slips, once activated, ensure zero movement throughout packer life.

Elements and casing slips are recessed into the packer body, while the main mandrel features significant chamfers on both ends. These design features allow the packer to be run in even the most challenging and deviated well conditions, including horizontal laterals. The packer is redress-able and can be modified to suit new well conditions once retrieved.



## Features and Benefits

- Short & compact design is ideal for negotiating severe doglegs; convenient for surface handling.
- Zero packing element gap prevents elastomer extrusion at high temperatures and pressures.
- Bidirectional casing slip design prevents packer movement during inverse pressure differentials.
- Zero mandrel movement during setting is critical for multi zone installations across closely spaced intervals.
- Requires maximum of 2,500psi only to fully pack off, thereby eliminating hydrostatic limitations.
- Hydraulic Interlock system prevents accidental or premature setting of the packer during deployment, with packer housing components physically locked to the inner mandrel.
- Packing elements are located above the casing slips, thereby preventing debris build-up during deployment, and so eliminates subsequent retrieval difficulties.
- Single piece inner mandrel construction reduces risk of parting the packer accidentally during overpull, or when pulling back through tight spots.
- Shear release rings enables the packer to be released and retrieved by simply applying upwards tension.
- Adjustable shear ring ratings allow release tension to be tailored to meet application-specific requirements.
- Body lock rings trap the hydraulic setting force in the packer and sub, with subsequent set-down weight and annular pressure differential adding to the pack off force.

## Specifications

<b>Casing Sizes</b>	5.500" 15.5# - 23.0# 7.000" 23.0# - 32.0# 9.625" 40.0# - 53.5#
<b>Elastomer &amp; Seals</b>	NBR, HBNR, VITON, AFLAS
<b>Metallurgy</b>	L80, 13crL80, 4140
<b>Connections</b>	2.375" – 3.500" EUE 8rd 3.500" – 4.500" VAM TOP Special threads upon request
<b>Compliance</b>	NACE MR0175
<b>Maximum Pressure Differential</b>	7,500 psi