

Hydro-6 Production Packer

The Hydro-6* retrievable packer is a compact, reliable, single-string, hydraulic-set, retrievable packer.

APPLICATIONS

- Deviated wells
- Multiple-zone, multiple-packer completions

BENEFITS

- Designed for quick, reliable installation in straight or highly deviated wells.
- Easier and safer retrieval provided by built-in equalizing and circulating system.

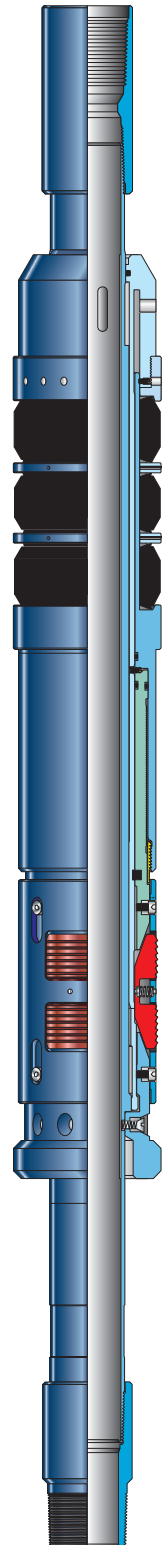
FEATURES

- Easy release with a fully adjustable, straight-pickup shear mechanism
- Short, compact design
- Field-proven design

It is ideal for use in deviated wells, multiple-packer completions, and applications where the packer is to be set after the wellhead is installed. Because no mandrel movement occurs during setting, the Hydro-6 packer may also be used in multiple-packer completions where all packers are set simultaneously.

Set with a pressure differential, the Hydro-6 packer has an easily adjustable setting-pressure feature and a bidirectional mechanical slip system. The packer features a unique design that allows debris to be circulated from above the packer when releasing. A three-piece, dual-durometer element system and a built-in equalizing and circulating system ensure reduced risk and easy release.

No tubing movement is required to set the packer. After the packer is set, the tubing can be landed in either compression or neutral condition. The setting force is mechanically locked into the sealing elements with a positive ratchet-lock mechanism. The Hydro-6 retrievable packer is released with an upward pull exceeding the rating of the shear release screws. Optionally, the Hydro-6 packer is available with a rotation release mechanism.



Hydro-6 Production Packer Specifications

Casing Size, [†] in [mm]	Casing Weight Range, lbm/ft	Max. OD, in [mm]	Nominal ID, [‡] in [mm]	Max. Working Temperature, degF [degC]
5.500 [139.7]	13–15.5	4.781 [121.4]	2.000 [50.8]	275 [135]
5.500 [139.7]	15.5–20	4.641 [117.9]	2.000 [50.8]	275 [135]
5.500 [139.7]	20–23	4.500 [114.3]	2.000 [50.8]	275 [135]
5.750 [146.1]	16.1–24.6	4.744 [120.5]	2.000 [50.8]	275 [135]
6.625 [168.3]	20–24	5.661 [143.8]	2.441 [62.0]	275 [135]
6.625 [168.3]	24–28	5.625 [142.9]	2.441 [62.0]	275 [135]
6.625 [168.3]	28–32	5.484 [139.3]	2.441 [62.0]	275 [135]
7.000 [177.8]	17–20	6.266 [159.2]	2.441 [62.0]	275 [135]
7.000 [177.8]	23–26	6.078 [154.4]	2.441 [62.0]	275 [135]
7.000 [177.8]	26–29	5.968 [151.6]	2.441 [62.0]	275 [135]
7.000 [177.8]	32–35	5.817 [147.8]	2.441 [62.0]	275 [135]

[†] Other sizes are available on request. Contact your local Schlumberger representative.

[‡] ID may vary depending on connecting configuration selected.