

# Retrievable Packers

## Hydrow II Dual String Packer

The Hydrow II is a hydraulic set, mechanically held dual string production packer which is normally run above a single hydraulic set or wireline set seal bore packer. The short length of the Hydrow II makes it ideally suited for deviated wells or doglegs. Also, since there is no tubing manipulation required to set the packer, the well head can be installed and flanged up before setting the packer.

The Hydrow II is available with short or long string setting capabilities and a variety of tubing connections. The packer has been carefully designed for maximum flexibility when it comes to submersible pump applications. By changing only a few parts, the Hydrow II can be modified from a high pressure production packer to a packer installation for submersible pump.

The Hydrow II has a patented sequential upper slip releasing system that is designed so that each slip is released individually to reduce the pull required to release the packer. The angles on the penetration of the slip body result in smooth release from the casing.

The Hydrow II has several seal options for the short string. J-Latch or collet latch tops are available with various types of seal assemblies.

### Product Features

- Short, compact, and economical
- No hydraulic hold down buttons
- Shear release easily adjusted
- Heavily loaded slip system for easy release
- Sequential upper slip on low pressure side of the critical O-rings after setting
- Hydraulic set to allow flanging-up before setting packer
- Differential pressure helps to improve rubber pack-off



### Specifications

Casing		Casing I.D. Range I.D. (in.)		Max O.D. of Tool	Long String		Short String		
O.D.	Wt.	Min.	Max.		Thread Connection Box Up/Pin Down	Mandrel I.D.	Thread Connection Box Up/Pin Down	Stringer	Seal Bore
5-1/2"	14.0 - 20.0	4.778	5.012	4.625	1.900 NU 10RD	1.531	1.660 EU 8RD	1.313	1.969
7"	23.0 - 32.0	6.094	6.366	5.938	2.375" EU 8RD	1.938	2.375" EU 8RD	1.938	2.688
7"	17.0 - 29.0	6.184	6.538	6.000	2.375" EU 8RD	1.938	2.375" EU 8RD	1.938	2.688
8-5/8"	28.0 - 40.0	7.725	8.017	7.531	2.375" EU 8RD	2.406	2.375" EU 8RD	2.406	3.250
9-5/8"	47.0 - 53.0	8.535	8.681	8.250	3.500" EU 8RD	3.000	3.500" EU 8RD	3.000	3.750
9-5/8"	36.0 - 47.0	8.500	8.921	8.500	3.500" EU 8RD	3.000	3.500" EU 8RD	3.000	3.750

