

WH-6 Hydraulic-Set Retrievable Packer

Provides quick release and easy retrieval through straight-pull release, pressure equalization, and shear-out features

Applications

- Offshore oil and gas wells with low- to medium-pressure requirements
- Highly deviated wells and severe doglegs
- Stacked-packer completions
- Coiled-tubing completions
- Hydrogen sulfide (H₂S) environments
- Injection wells

Features and Benefits

- Because there is no downward mandrel movement, this tool is excellent for stacked-packer completions.
- The straight-pull release, adjustable up to 50,000 lb (22,680 kg), eliminates the need to rotate the tubing to release the packer, which saves valuable rig time.
- Shear screws, isolated from the hydraulic pressure, require low shear-out force, which makes the tool easy to release, even at full pressure differential.
- Built-in bypass ports equalize pressure across the packer for easy retrieval.
- Its short overall length enables the packer to negotiate highly deviated wells and severe doglegs for shorter run-in times.

Tool Description

The Weatherford WH-6 hydraulic-set retrievable packer is designed for low- to medium-pressure applications. The short body length makes it excellent for low-angle deviations and horizontal applications. This compact, economical packer requires no mandrel movement. Its straight-pull release, pressure equalization, and shear-out features provide quick release and easy retrieval.



Weatherford WH-6 hydraulic-set retrievable packer



WH-6 Hydraulic-Set Retrievable Packer

Specifications

Casing				Packer					
OD (in., mm)	Weight (lb/ft, kg/m)	Min. ID (in., mm)	Max. ID (in., mm)	Gauge Ring OD (in., mm)	ID (in., mm)	Flow Wet Material	Connection (Box × Pin)	Product Number	
5.500, 139.70	14.0 to 17.0 20.8 to 25.3	4.892 124.26	5.012 127.30	4.625 117.48	1.97 50.04	4140 L-80	2 3/8-in. EU 8 RD	807297	
						9Cr L-80		807338	
6.625, 168.30	24.0 to 28.0 35.7 to 41.7	5.791 147.90	5.921 150.39	5.540 140.72	2.373 60.27	4140 L-80	2 7/8-in. EU 8 RD	807341	
						9Cr L-80		807344	
7.000 177.80	20.0 to 26.0 29.8 to 38.7	6.276 159.41	6.456 163.98	6.000 152.40	2.361 59.97	4140 L-80	2 7/8-in. EU 8 RD	807395	
						9Cr L-80		807398	
	26.0 to 32.0 38.7 to 47.6	6.094 154.79	6.276 159.41	5.891 149.63		4140 L-80		807401	
						9Cr L-80		807408	
	23.0 to 29.0 34.2 to 43.2	6.184 157.07	6.366 161.70	6.005 152.53	2.900 73.66	4140 L-80	3 1/2-in. EU 8 RD	807417	
						9Cr L-80		807421	
	32.0 to 35.0 47.6 to 52.1	6.004 152.50	6.904 154.79	5.754 146.15	2.938 74.63	4140 L-80	3 -in. 9.2-lb/ft VAM TOP®	2084989	
						9Cr L-80			
9.625, 244.50	43.5 to 53.5 64.7 to 79.6	8.535 216.79	8.755 222.38	8.250 209.55	2.919 74.14	4140 L-80	3 1/2-in. EU 8 RD	1140775	
					2.949 74.90	9Cr L-80		1141515	

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