

NHD Packer

The NHD retrievable packer is a retrievable, compression set, double grip service packer. The NHD is a mechanical set packer designed for multi-set service work. The hydraulic hold down buttons prevent the packer from moving up when differential forces from below are greater than from the annulus. The internal unloader allows circulation below the hold down buttons to aid retrieval. The internal by-pass allows circulation of fluids through the tool allowing faster run time with less swabbing.

The NHD packer may be run with retrievable bridge plug to test casing, zone isolation, acidizing, etc. When run with a bridge plug, ensure setting of the bridge plug and packer is compatible.

Consult a NOV applications engineer for proper setting configurations.

Features

- Quarter ($\frac{1}{4}$) turn to set. May be ordered left-hand or right-hand set
- Internal by-pass reduces swabbing during run and retrieve
- Pressure balanced mandrel hold-down prevents movement with pressure from below

Benefits

- By-pass below hold-down buttons aid in washing of debris from hold-down when releasing packer
- Carbide slips and hold down buttons standard
- Pick-up to release

Applications

- Testing
- Acidizing
- Packer / RBP testing, treating



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Technical Data

CASING				PACKER			
SIZE in. (mm)	WEIGHT lb/kg	Min. in.(mm)	Max in.(mm)	Gauge O.D.	Min. I.D. In.(mm)	Standard Connection	Product Number
4.500 114,30	9.5 - 13.5	3.920	4.090	3.750	1.850	2.375" EU 8 RD	613-45
	14,14 - 20,09	99,57	103,89	95,25	46,99		
5.000 127,00	18.0 - 21.0	4.154	4.276	3.969	1.850	2.375" EU 8 RD	613-50
	26,78 - 31,25	105,51	108,61	100,81	46,99		
	11.5 - 15.0	4.408	4.560	4.125	1.850	2.375" EU 8 RD	613-51
17,11 - 22,32	111,96	115,82	104,78	46,99			
5.500 139,70	20.0 - 23.0	4.670	4.778	4.500	1.984	2.375" EU 8 RD	613-57
	29,76 - 34,22	118,62	121,36	114,30	50,39		
	14.0 - 17.0	4.892	5.012	4.625	1.984	2.375" EU 8 RD	613-55
20,83 - 29,76	124,26	127,30	117,48	50,39			
7.000 177,80	29.0 - 35.0	6.004	6.184	5.813	2.500	2.875" EU 8 RD	613-71
	43,15 - 52,08	152,50	157,07	147,65	63,50		
	26.0 - 32.0	5.875	6.276	5.875	2.500	2.875" EU 8 RD	613-70
	38,69 - 47,62	149,22	159,41	149,23	63,50		
17.0 - 26.0	6.276	6.538	6.000	2.500	2.875" EU 8 RD	613-72	
25,30 - 38,69	159,41	166,07	152,40	63,50			
7.625 193,68	33.7 - 39.0	6.625	6.766	6.453	2.500	2.875" EU 8 RD	613-75
	50,15 - 58,03	168,28	171,86	163,91	63,50		
	24.0 - 29.7	6.875	7.025	6.688	2.500	2.875" EU 8 RD	613-76
35,71 - 44,19	174,63	178,44	169,88	63,50			
9.625 244,48	43.5 - 53.5	8.535	8.755	8.250	3.984	4.500" EU 8 RD	613-95
	64,73 - 79,61	216,79	222,38	209,55	101,19		
	32.3 - 43.5	8.755	9.001	8.500	3.984	4.500" EU 8 RD	613-96
48,06 - 64,73	222,38	228,63	215,90	101,19			
10.750 273,05	65.7 - 79.2	9.282	9.560	9.000	2.735	4.500" IF	613-10A
	97,76 - 117,85	235,76	242,82	228,60	69,47		
	40.5 - 60.7	9.660	10.050	9.375	2.735	4.500" IF	613-10B
	60,26 - 90,32	245,36	255,27	238,13	69,47		
32.75 - 51.0	9.850	10.192	9.625	2.735	4.500" IF	613-10C	
48,73 - 75,89	250,19	258,88	244,48	69,47			