

HP Liner Hanger Packer

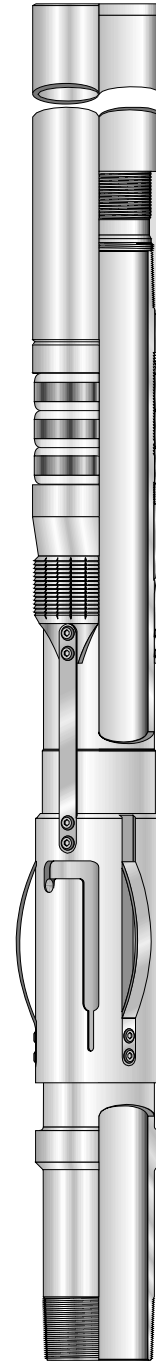
The TIW HP Liner Hanger Packer is a versatile tool. It functions as a packer, a liner hanger and a polished-bore, tie-back receptacle. The polished receptacle is available in various lengths. For all its utility, it is still compact and rugged and is available with or without external hold-down slips.

The HP Packer features a machined upper sleeve and standard pack-off elements for situations not requiring Gold Seal Packoff elements.

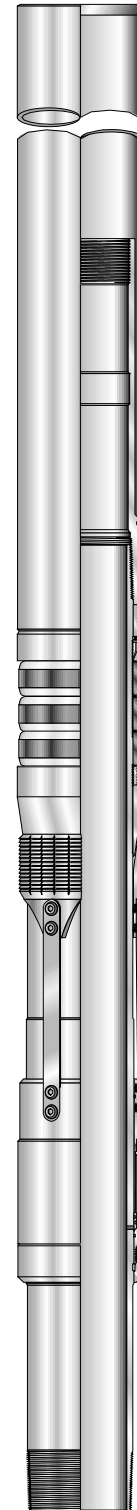
A TIW type L Setting Tool is used to lower the liner and the HP Liner Hanger Packer into the well. When set, the packoff elements are held in the expanded position by a ratchet ring in the sleeve, isolating the liner top from fluid encroachment. With cement placed and the HP Packer set, excess cement can be reversed out without exposing pressure-sensitive formations to excessive pressures.

HP Liner Hanger Packer Specifications

CASING SIZE				LINER SIZE O.D.		MAXIMUM BODY O.D.	
O.D.		WEIGHT RANGE					
In.	Mm.	Lb./Ft.	Kg./M.	In.	Mm.	In.	Mm.
5½	139.7	14.0-20.0	20.8-29.8	3½	88.9	4.563	115.9
		14.0-17.0	20.8-25.3	4	101.16	4.688	119.1
		17.0-20.0	25.3-29.8	4	101.16	4.563	115.9
6¾	168.3	19.0-24.0	28.3-35.7	4½	114.30	5.625	142.9
		17.0-23.0	25.3-34.2	5½	139.7	6.125	155.6
7	177.8	26.0-32.0	38.7-47.6	4½	114.3-127.0	5.750	146.1
		20.0-26.0	29.8-38.7	4½	114.3-127.0	5.875	149.2
		20.0-26.4	29.8-39.3	5-5½	127.0-139.7	6.625	168.3
7¾	193.7	26.0-33.7	38.7-50.2	5-5½	127.0-139.7	6.438	163.5
		33.7-39.0	50.2-58.1	5	127.0	6.250	158.8
		24.0-32.0	35.7-47.6	5½	139.7	7.500	190.5
8¾	219.1	32.0-40.0	47.6-59.5	5½	139.7	7.312	185.7
		40.0-49.0	59.5-72.9			7.125	181.0
		43.5-53.5	64.7-79.6	7	177.8	8.453	209.6
9¾	244.5	29.3-40.0	43.6-59.5			8.250	214.7
		36.0-47.0	53.6-69.9			8.375	212.7



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HHP
Hydro-Hanger
Packer