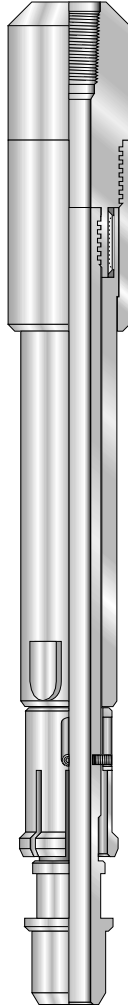
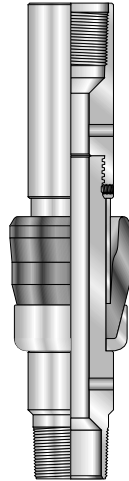


SS-WSM-BB
Whipstock
Packer



SS-WSM-BB
Orientation
Stinger with
Releasable
Latch



Debris Sub

SS-WSM-BB (Big-Bore) Packer

The TIW SS-WSM-BB Whipstock Packer includes all of the same features and benefits as the proven SS-WS Packer, plus its design allows for a retrievable latch-type assembly to be run. This not only allows for the retrieval of the whipstock and the anchor assembly, but its big-bore design permits the running of larger-diameter tubulars through the packer if desired.

SS-WSM-BB Specifications

CASING SIZE				MAXIMUM BODY O.D.		MINIMUM BORE THROUGH PACKER		RISER O.D.	
O.D.		WEIGHT RANGE							
In.	Mm.	Lb./Ft.	Kg./M.	In.	Mm.	In.	Mm.	In.	Mm.
5	127.0	15.5-18.0	23.1-26.8	4.063	103.2	2.500	63.5	3.500	88.9
5½	139.7	14.0-20.0	20.9-29.8	4.563	115.9	3.000	76.2	4.000	101.6
7	177.8	23.0-26.0	34.2-38.7	6.063	154.0	3.500	88.9	5.188	131.8
		29.0-32.0	43.1-47.6	5.875	149.2	4.000	101.6		
7½	193.7	26.4-33.7	39.3-50.2	6.578	167.1	4.000	101.6	5.250	133.4
		33.7-39.0	50.2-58.1	6.438	163.5				
9½	244.5	36.0-43.5	53.6-64.8	8.500	215.9	6.000	152.4	7.719	196.1
		43.5-53.5	64.8-79.7	8.313	211.2				

Releasable Latch Assembly

This orientation stinger features a releasable positive latch that locks into the integral latch profile of the packer. The surface-adjustable spline assembly allows for adjustments in 5-degree increments, providing 72 variations over 360° for accurate directional setting.

Releasable Latch Assembly Specifications

CASING SIZE		WEIGHT RANGE		MAXIMUM STINGER O.D.		MINIMUM STINGER I.D.	
In.	Mm.	Lb./Ft.	Kg./M.	In.	Mm.	In.	Mm.
5	127.0	11.5-18.0	17.1-26.8	4	101.6	1½	38.1
5½	139.7	14.0-20.0	20.8-29.8	4½	114.3	1¾	42.9
7	177.8	20.0-38.0	29.8-56.5	5½	142.9	2½	60.3
7½	193.7	26.4-39.0	39.2-57.9	5½	142.9	2½	60.3
9½	244.5	36.0-53.5	53.6-79.6	8½	206.4	3¾	95.3

Debris Sub

The TIW Debris Sub is run immediately above the releasable latch assembly. This sub acts as a protective barrier and prevents debris from collecting on top of the assembly, keeping it clean until the whipstock is retrieved.