



Stockholm
Precision Tools

PathBreaker™ Whipstock



One trip whipstock with
hydraulic anchor system



Fast cutting of
all grades
of steel casing

PathBreaker™ Whipstock

Technical specifications

Performance		Operation	
Axial load 3.28ft (1m) of anchor	150,000 lbs (70,000kg)	Setting in any depth	100%
Orientation	MWD or SPT Gyro	Geometric angle	2.25° - 3.00°
Window cutting	Capable	Expandable profile pipe	Yes
Milling	High Speed	Main wellbore design	All directions
		Lateral wellbore design	All directions
		New and re-entry wells	Applicable

Ø Casing string *	Ø Mill min	Ø Mill max	Length of the deflector	Length of the anchor
5 ½" (139.7mm)	4.6" (116.8mm)	4.8" (122mm)	7.9ft (2.4m)	3.9 - 6.9ft (1.19 - 2.1m)
5 ¾" (146mm)	4.8" (122mm)	5.0" (127mm)	8.2ft (2.5m)	6.9 - 7.6ft (2.1 - 2.3m)
6 ⅝" (168mm)	5.4" (137mm)	5.8" (147.3mm)	9.8ft (2.99m)	6.9 - 7.6ft (2.1 - 2.3m)
7" (178mm)	5.4" (137mm)	5.9" (149.8mm)	9.8ft (2.99m)	6.9 - 7.6ft (2.1 - 2.3m)
9 ⅝" (245mm)	8.3" (211mm)	8.8" (223.5mm)	12.1ft (3.69m)	9.8ft (3.0m)

*Possibility of manufacturing any diameter, including 8 ⅝" at the request of the customer



Hydraulic anchor system sidetracks without cementing

The most advanced whipstock technology in sidetrack drilling performance. Equipped with a hydraulic anchor system, it is able to sidetrack without cementing and can be applied in cased and open hole.

Made with high performance tungsten carbide steel

The PathBreaker™ Whipstock triple mill system is made with high performance tungsten carbide for fast cutting of all grades of steel casing. It offers the ability to drain simultaneously multiple reservoirs and can be used for new or re-entry wells.

Highly competitive and cost-effective technology

SPT's whipstock can be set in vertical, directional or horizontal wells with the possibility for direct back circulation while whipstock is running. It's expandable profile pipe provides a reliable setting for the PathBreaker™ Whipstock and can be set at any depth.

EUROPE	AFRICA	NORTH AMERICA	SOUTH AMERICA	ASIA-PACIFIC	EURASIA
Sweden (HQ) +46 (8) 590 733 10 Spain +34 (952) 179 918 Ukraine +38 (067) 562 91 69	South Africa +34 (952) 179 918 Ghana +233 (55) 595 6594	Canada +1 (877) 594 4633 USA +1 (737) 204 2632 Mexico (North) +52 (662) 110 0219 +52 (662) 229 4755 Mexico (South) +52 (662) 430 7255	Argentina +54 (9) 26 1623 1542 Brazil +55 (31) 99625 4379 Chile (Santiago) +56 (225) 821 158 Colombia +57 (310) 839 5418 Ecuador +593 (99) 200 1060 Peru +51 (913) 175 205 Bolivia +591 (7) 72 12107	Perth Australia +61 (0) 861 156 379 Indonesia +62 (821) 9100 651	Armenia +374 (77) 815 683 Kazakhstan +7 (705) 160 2241