

# DIAMONDBACK

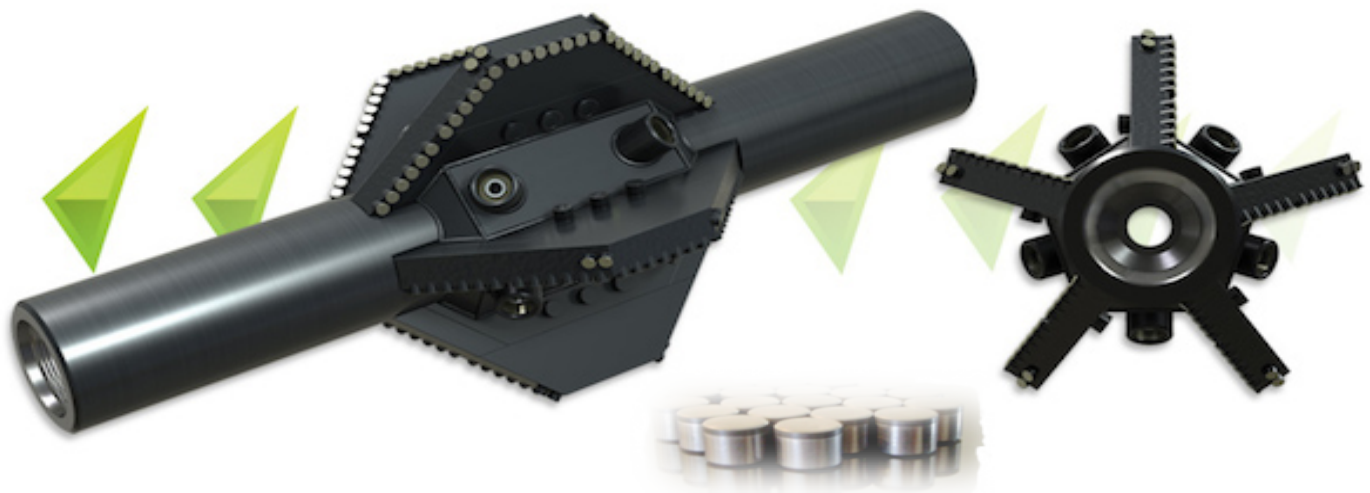
## SALES SERVICE AND RENTALS LTD.



INTRODUCING THE WORLD'S FIRST PATENTED  
INTERCHANGEABLE REAMER/HOLE OPENER!

“THIS IS A GAME CHANGER”

The Patented Diamondback PDC Hole Opener was created to make efficient use of the technology and overcome operational difficulties associated with conventional designs.



### OUR PATENTED DESIGN HAS MANY ADVANTAGES INCLUDING...

1. No need for stabilizers/centralizers because of its self centring design
2. No bearing to wear out or seals to fail
3. No cutters to lose in hole
4. No need to switch hole openers do to formation changes, DiamondBack openers work great in soft or hard formations.
5. Designed to cut from OD body and allow for larger passes
6. Revolutionary Replaceable / Expandable PDC Bladed hole opener
7. Better rate of penetration
8. Bi-directional without breaking off of drill string
9. Custom Sizes Available



**Our New Soft Formation**

VISIT US ONLINE AT [DIAMONDBACKSSR.COM](http://DIAMONDBACKSSR.COM)

North America Ph: 1-866-313-3325 World Wide Ph 780-695-3325

[sales@diamondbackssr.com](mailto:sales@diamondbackssr.com)

**The Fastest, most reliable Hole Opener yet.  
Available worldwide**

**OPERATING SPECIFICARIONS**

Tool Series	Pilot Hole	Opening Size	WOB (lbs)	RPM	# of Baldes	Body OD (in)
MRK-4	5-7/8"	12" - 18"	15000-20000	40-70	5	4-1/2"
MRK-6	7-7/8"	14" - 20"	15000-20000	40-70	5	6-1/2"
MRK-8	9-5/8"	18" - 24"	15000-20000	40-70	5	8"
MRK-9	12-1/4"	24" - 36"	20000-25000	40-60	6	9"
MRK-10	12-1/4"	36" - 48"	20000-25000	40-55	9	10"



**NOTE:** The suggested weights and RPM's are only a recommended guide. Weights and RPM's should be adjusted to maximum penetration rates. They will vary with formation and rig power. It will also depend on the size of or step you are taking.

DiamondBack PDC Hole Openers PASON EDR (Electronic Drilling Recorder)					
Distance	Formation	Wear On PDC Blades	Tool Size	Rate of Penetration	Pilot Hole
597 Meters	Sandstone	10%	12"	21 Meters per hour	6 1/4"
366 Meters	Shale	25%	30"	16 Meters per hour	12 1/4"
366 Meters	Shale	20%	36"	21 Meters per hour	30"
450 Meters	Shale	50%	20"	11 meters per hour	12.25"
1420 Meters	Shale	60%	36"	15 Meters per hour	12 1/4"
1108 Meters	Shale	50%	20"	15 Meters per hour	12.25"
547 Meters	Shale	15%	24"	28 Meters per hour	12.25"
547 Meters	Shale	20%	36"	19 Meters per hour	24"
806 Meters	Clay/Shale	20%	20"	22 Meters per hour	12.25"
610 Meters	Clay/Shale	25%	24"	10.5 meters per hour	12.25"
733 Meters	Clay/Shale	50%	18"	27 Meters per hour	12.25"
820 Meters	Clay/Shale	40%	30"	12 Meters per hour	12.25"
635 Meters	Clay/Limestone	70%	24"	14 Meters per hour	12.25"
955 Meters	Clay/Limestone	70%	36"	13.5 Meters per hour	24"
955 Meters	Clay/Limestone	80%	48"	13.5 Meters per hour	36"
799 Meters	Shale/Limestone	35%	18"	23 Meters per hour	12.25"
700 Meters	Limestone/Cobble	90%	20"	10.5 Meters per hour	12.25"
360 Meters	Clay/Sandstone	15%	18"	22 Meters per hour	9 7/8"
360 Meters	Clay/Sandstone	25%	24"	30 Meters per hour	18"
486 Meters	Clay	10%	24"	28 Meters per hour	12 1/4"
1132 Meters	Sandstone/Cobble	85%	24"	16 Meters per hour	12 1/4"
740 Meters	Shale/Sandstone	30%	24"	14 Meters per hour	12 1/4"
740 Meters	Shale/Sandstone	30%	30"	14 Meters per hour	24"
740 Meters	Shale/Sandstone	30%	36"	14 Meters per hour	24"
1958 Meters	Oil Sands	75%	18"	22 Meters per hour	12 1/4"

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