



MAKING IT BETTER

By utilizing the Tercel GunDRILL Reamer the borehole is reamed to perfection, the BHA can be pulled to surface safely overcoming high torque, multiple sticking points and difficult intervals. In some situations it increases ROP due to smoother running in hole and casing / completions can be set to TD without issue.

**Model Number: 60-BVDR-4-ST-STL-A, 4 Blades, Steel String, Bi-directional VDR, 6 inch tool**

Dimensional Data	Value	Unit	Value	Unit
Tool Total Length (L)	77.000	inches	1,955.80	mm
Tool Gauge Diameter (OD)	6.000	inches	152.40	mm
Fishing Neck Length minimum (FN)	29.800	inches	756.92	mm
Bottom Neck Length minimum (BN)	23.800	inches	604.52	mm
Neck Diameter (D)	4.750	inches	120.65	mm
Tool Bore Diameter (d)	2.000	inches	50.80	mm
Wall Contact Length (B)	11.750	inches	298.45	mm
Weight (approx)	322	lbs	146	kg

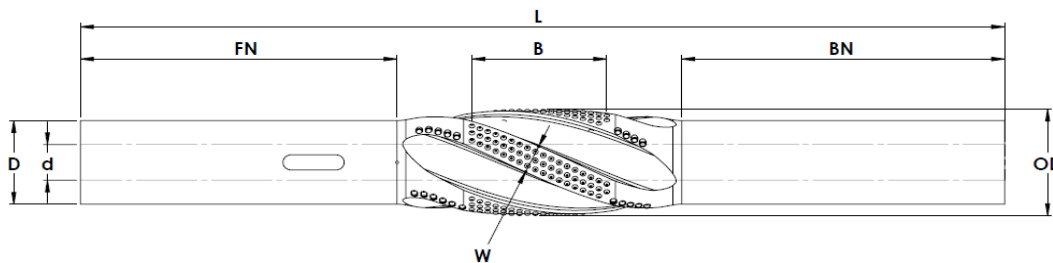
Performance Measures

Cutting Direction	Bi-directional			
Cutting Elements	PDC Cutters			
Reaming Elements	Tungsten Carbide Inserts			
Coverage	360 degrees			
Blade Width (W)	1.100	inches	27.94	mm

TFA

Total Flow Area (TFA), tool full-gauge	5.799	sq inches	3,741	sq mm
Total Flow Area (TFA), tool 1/8" undergauge	6.989	sq inches	4,509	sq mm
Total Flow Area (TFA), tool 1/4" undergauge	8.203	sq inches	5,292	sq mm
Equivalent Drill Collar Size *	5.349	inches	135.88	mm

Helix Direction Right



\* The equivalent drill collar size provides same TFA as calculated above

Custom sizes available upon request

Fishing neck length and overall length are approximate figures and may vary slightly

Dimensions are subject to change without prior notice

Flow by area based on hole size equal to tool OD

Tercel drilling tools are designed and manufactured in conformance with API SPEC7-1 Latest Edition

For more information

Visit [www.terceloilfield.com](http://www.terceloilfield.com) or contact your local sales office

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