



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: GDR082B-4DSS-S418-662G-0, 4 Blades, String, Bi-directional GDR, 8-1/4 inch tool, Steel, Directional.

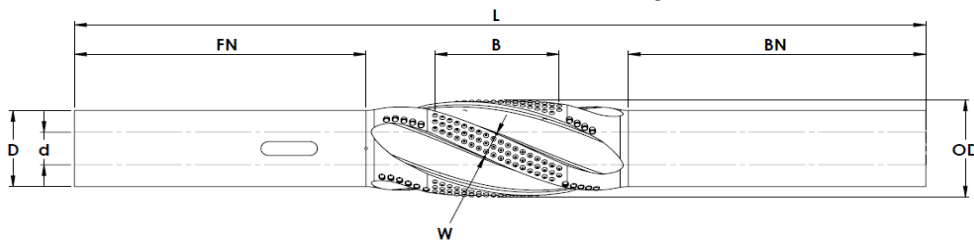
Dimensional Data	Value	Unit	Value	Unit
Tool Total Length (L)	77.550	inches	1,969.77	mm
Tool Gauge Diameter (OD)	8.250	inches	209.55	mm
Fishing Neck Length minimum (FN)	30.000	inches	762.00	mm
Bottom Neck Length minimum (BN)	24.250	inches	615.95	mm
Neck Diameter (D)	6.750	inches	171.45	mm
Tool Bore Diameter (d)	2.813	inches	71.44	mm
Wall Contact Length (B)	13.250	inches	336.55	mm
Weight (approx)	687	lbs	312	kg

Performance Measures

Cutting Direction	Bi-directional			
Cutting Elements	PDC Cutters			
Reaming Elements	Tungsten Carbide Inserts (Flat)			
Coverage	180 degrees			
Blade Width (W)	1.921	inches	48.79	mm

TFA

Total Flow Area (TFA), tool full-gauge	11.056	sq inches	7,133	sq mm
Total Flow Area (TFA), tool 1/8" undergauge	12.688	sq inches	8,186	sq mm
Total Flow Area (TFA), tool 1/4" undergauge	14.345	sq inches	9,255	sq mm
Equivalent Drill Collar Size *	7.347	inches	186.63	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

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