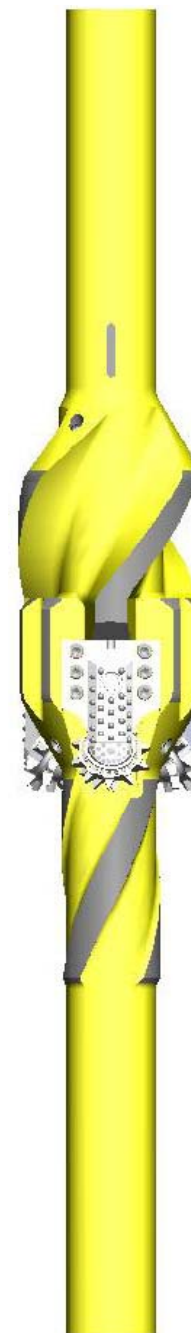


ORS 9 7/8" x 17 1/2" SINGLE STAGE HOLE OPENER SPECIFICATION SHEET

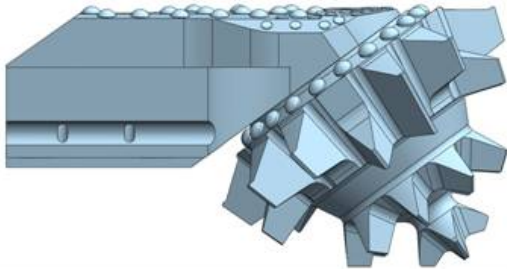
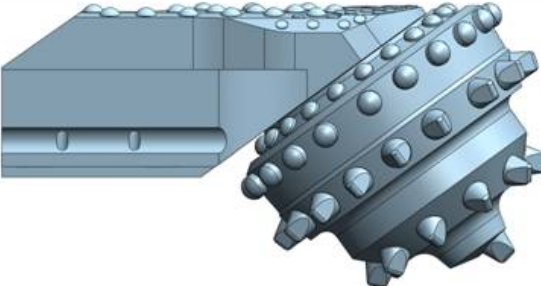
Specifications	
Pilot hole diameter	9 7/8"
Pilot hole upset length	17"
Hole Opener Diameter	17 1/2"
Hole Opener Upset length	22"
Cutter Quantity	3 EA
Fish Neck Length (Approx. New)	36"
Bottom Hole Length	33"
Fishing neck diameter	8,5"
ID	3"
Overall Length (Approx. New)	126"
Thread type top	6 5/8 Reg. Box
Thread type bottom	6 5/8" Reg. Pin
Number of nozzles	4 EA
Weight	1200 KG
Cutter Type	Milled Tooth/TCI
Bearing Type	Sealed Roller
Gauge Insert Shape	Dome



Recommended Drilling Parameters:	
Maximum Flow Rate	7000 LPM
Minimum Flow Rate	1800 LPM
Rotary Speed	25 – 120 RPM
Weight on Hole Opener	3 to 9 ton pr. cutter



Specifications – Leg Assembly

	8" Mill Tooth Cutters - M10 Specifications	8 " TCI Cutters - T25 Specifications
		
Cutter Type/ IADC	Milled Tooth/ 1-1-5 to 2-3-5	TCI/ 4-1-5 to 5-3-5
Inner Shape	Teeth Interrupted/ Hardfaced	Tungsten Carbide Chisel and Conical
Gauge Insert Shape	Tungsten Carbide Dome	Tungsten Carbide Chisel
Max Face Contact Length/Cutter	6" (152 mm)	6" (152 mm)
Bearing Type	Sealed- Roller/Ball/Friction	Sealed – Roller/Ball/Friction
Weight	40kg/ 88lbs	44kg/ 97lbs
Formations	Soft to Medium	Medium to Hard
Operating Weights	4 to 10 ton pr. cutter	4 to 10 ton pr. cutter

Engineering Features;
* Pressure Compensator
* Shirt Tail Protection
* Self Sharpening Teeth (on the M10 cutters)
* Stainless Cir-Clips to M24 high tensile socket head cap screws
* 32mm Locating Dowels From Cutter to Hole Opener Body