



Product Specification	
Size (inch)	12 1/4"
Size (mm)	311.15
IADC	517
Bearing and Seal	Journal Bearing / O-Ring rubber seal
Number of Rows	4-4-4
Inner Row	Chisel / 90 pcs
Gauge Row	Wedge / 49 pcs
Trimming Row	Wedge / 27 pcs
Bevel Row	Flat / 49 pcs
Pin connection	6 5/8 REG
Bit weight (KG)	98
Weight on Bit (KN/mm)	0.35~1.05
ROP (rpm)	50~120
Formation	Suitable for soft formations with low compressive strength and high drill-ability, such as shale, clay, sandstone and soft limestone.
Features	<ul style="list-style-type: none"> - Adopt high strength and high wear resistance carbide inserts. - New journal bearing structure greatly prolongs the working life of the bearing, and has the ability to withstand medium bit pressure and adapt to high speed. - The improved performance of the new fluorinated rubber seal ring makes it more suitable for the working environment and service parameters of drill bits - Adopt new sealing structure to match the bearing structure, which greatly improves the service life of drill bit - T feature, between the outer rows and cone back rows inserted a protection row carbide inserts. - K feature, the inner row adopts wide-topped spoon insert, which increases the cutting width of the insert and improves the drilling efficiency.