



Product Specification	
Size (inch)	12 1/4"
Size (mm)	311.15
IADC	537
Bearing and Seal	Journal Bearing / O-Ring rubber seal
Number of Rows	5-5-4
Inner Row	Chisel / 131 pcs
Gauge Row	Wedge / 55 pcs
Trimming Row	Wedge / 31 pcs
Bevel Row	Flat / 55 pcs
Pin connection	6 5/8 REG
Bit weight (KG)	98
Weight on Bit (KN/mm)	0.40~1.05
ROP (rpm)	40~110
Formation	Suitable for medium soft with low compressive strength and harder abrasive stringers, such as hard shale, hard gypsolyte, soft limestone, sandstone and dolomite with stringers, etc.
Features	<ul style="list-style-type: none"> - High strength and wear resistance tungsten carbide, improve the strength and wear resistance of tooth. - A new journal bearing structure that significantly extends the working life of the bearing, which withstand moderate bit pressure and adapt to higher rotational speeds. - The new fluorinated rubber sealing ring improved performance, making it more suitable for the working environment and operating parameters of roller cone bits. - The new seal structure makes the sealing performance match the bearing, greatly increasing the service life of the drill bit. - A row of wedge trimmers is added between heel row and gage row compacts, so that it has double functions of trimming borehole wall

	<p>and protecting cone shell.</p> <ul style="list-style-type: none">- The shirrtail and head OD are protected by welding wear-resisting alloy and cemented carbide tooth.
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