



Product Specification	
Size (inch)	7 7/8"
Size (mm)	200.03
IADC	537
Bearing and Seal	Journal Bearing / Composite seal
Number of Rows	4-4-3
Inner Row	Chisel / 63 pcs
Gauge Row	Wedge / 36 pcs
Trimming Row	Wedge / 29 pcs
Bevel Row	Flat / 46 pcs
Pin connection	4 1/2 REG
Bit weight (KG)	34
Weight on Bit (KN/mm)	0.35~1.05
ROP (rpm)	40~110
Formation	Suitable for low compressive strength, medium soft formation, such as shale, soft limestone, interlayer dolomite, coal seam, etc.
Features	<ul style="list-style-type: none"> - High-strength and high-wear-resistance carbide insert are used to improve the strength and wear-resistance of the insert. - The new journal bearing structure is adopted, which greatly prolongs the working life of the bearing, and has the ability to withstand moderate drilling pressure and adapt to high speed. - The performance of the new fluorinated composite sealing ring is improved, and it is more suitable for the working environment and use parameters of the roller cone bit. - The new sealing structure matches the bearing, thus greatly improving the service life of the drill bit. - T feature, a protection carbide inserts row is added between the outer rows and cone back rows for the purpose of cone protection and well wall dressing.

	<p>- K feature, the inner row adopts wide-topped spoon insert, which increases the cutting width of the insert and improves the drilling efficiency.</p>
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