



Product Specification	
Size (inch)	6 1/8"
Size (mm)	155.58
IADC	517
Bearing and Seal	Journal Bearing /O-Ring Rubber seal
Number of Rows	4-3-3
Inner Row	Wedge / 49 pcs
Gauge Row	Wedge / 35 pcs
Trimming Row	/
Bevel Row	Flat / 35 pcs
Pin connection	3 1/2 REG
Bit weight (KG)	21
Weight on Bit (KN/mm)	0.35~1.05
ROP (rpm)	50~120
Formation	Suitable for soft formations with low compressive strength and high drillability, such as shale, clay, sandstone and soft limestone, etc.
Features	<ul style="list-style-type: none"> <li>- Adopting the Journal bearing structure, it has the ability to withstand medium WOB and adapt to higher ROP.</li> <li>- The O-ring seal is made of wear-resistant and high-temperature-resistant fluorinated high-saturated nitrile rubber, which effectively improves the reliability of the bearing seal and thus increases the service life of the drill bit.</li> <li>- The oil storage system can balance the pressure difference inside and outside the bearing, and provide good lubrication guarantee for the bearing system.</li> <li>- X feature, the main cutting teeth of the cone are wedge-shaped teeth, which have the characteristics of high cutting efficiency and strong anti-breaking ability for specific medium-soft to medium-hard formations, effectively improving the drilling speed of the drill bit and prolonging the service life of the drill bit.</li> </ul>