



| Product Specification | |
|-----------------------|---|
| Size (inch) | 6 3/4" |
| Size (mm) | 171.45 |
| IADC | 537 |
| Bearing and Seal | Journal Bearing / Composite seal |
| Number of Rows | 4-4-3 |
| Inner Row | Chisel / 66 pcs |
| Gauge Row | Wedge / 44 pcs |
| Trimming Row | Wedge / 5 pcs |
| Bevel Row | Flat / 44 pcs |
| Pin connection | 3 1/2 REG |
| Bit weight (KG) | 21 |
| Weight on Bit (KN/mm) | 0.40~1.05 |
| ROP (rpm) | 40~110 |
| Formation | Suitable for low compressive strength, medium soft, and hard abrasive interbed formations, such as hard shale, anhydrite, soft limestone, sandstone, dolomite with interlayers, etc. |
| Features | <ul style="list-style-type: none"> - Adopting the Journal bearing structure, it has the ability to withstand medium WOB and adapt to higher ROP. - Adopting a new type of flat sealed bearing structure, which increases the stability of the sealed structure and greatly prolongs the working life of the bearing. - The oil storage system can balance the pressure difference inside and outside the bearing, and provide good lubrication guarantee for the bearing system. - High-strength and wear-resistant carbide teeth are used, and the number of tooth rows, number of teeth, height of exposed teeth and tooth shape are optimized to improve the efficiency and life of the cutting structure of the drill bit. - T feature, there is a trimming row between the gauge row and bevel row to protect the cones and trim the well wall. |