



| Product Specification |   |
|-----------------------|---|
| Size (inch)           | 9 7/8"  |
| Size (mm)             | 250.83  |
| IADC                  | 537   |
| Bearing and Seal      | Journal Bearing / Composite seal  |
| Number of Rows        | 4-4-4   |
| Inner Row             | Chisel / 92 pcs   |
| Gauge Row             | Wedge / 48 pcs  |
| Trimming Row          | Wedge / 16 pcs  |
| Bevel Row             | Flat / 59 pcs   |
| Pin connection        | 6 5/8 REG   |
| Bit weight (KG)       | 65  |
| Weight on Bit (KN/mm) | 0.35~1.05   |
| ROP (rpm)             | 40~110  |
| Formation             | Suitable for medium and soft strata with low compressive strength, such as: shale, soft limestone, inter bedded dolomite, coal seam, etc.   |
| Features              | <ul style="list-style-type: none"> <li>- High-strength and high-wear-resistance cemented carbide teeth are applied.</li> <li>- New designed journal bearing applied, which could prolong the bearing's life a lot and It has the ability to withstand high drill pressure and adapt to higher rotation speed.</li> <li>- The improved performance of the new fluorinated rubber sealing ring is more suitable for the working environment and parameters of the roller cone bit. The new sealing structure matches the sealing performance with the bearing, thus greatly improving the service life of the drill bit.</li> <li>- T Feature, there is a trimming row between gauge row and bevel row.</li> <li>- K Feature, The inner row adopts wide-top spoon-shaped teeth, which increases the cutting width of the alloy teeth and improves the drilling efficiency.</li> </ul> |