

# ROCK ROLLER BIT



## ROCK ROLLER BIT:

TRT has customized manufacture several types of roller bit. Our roller cone drill bit includes the 90 ° U-shaped Roller Bit series and the 120 ° U-shaped Roller Bit series. All these two types have designed Starry Sky Roller Bit.

The cones are designed with more full insert than the traditional tricone bit cutter.

### Roller Bit Types:



90° U-Shaped Roller Bit



120° U-Shaped Roller Bit



Starry Sky Roller Bit

## **Advantages of Roller Bit:**

### **90° U-Shaped Roller Bit:**

- Bearing with high saturated nitrile rubber reduces sealing pressure and improves sealing reliability.
- A row of teeth is added between the back taper and the outer row to dress the wellbore and protect the body of the cone.
- The application of engineering plate holder makes the construction more convenient and quicker.

### **120° U-Shaped Roller Bit:**

- Bearing with high saturated nitrile rubber reduces sealing pressure and improves sealing reliability.
- A row of teeth is added between the back taper and the outer row to dress the wellbore and protect the body of the cone.

### **Starry Sky Roller Bit:**

- It is full face drilling design.
- Vacuum grease reservoir.
- Special oil pressure balancing
- Higher temperature sealed.
- Longer drilling life.
- More saving costs.
- Highly cost-effective.
- Small diameter for soft to hard formation.
- Straight shank for welding easily.

