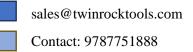


# **ROCK ROLLER BIT**





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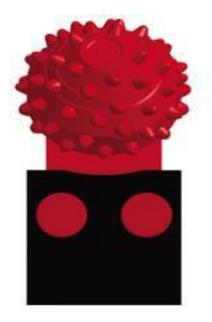


## **ROCK ROLLER BIT:**

TRT has customized manufacture several types of roller bit. Our roller cone drill bit includes the 90  $^{\circ}$  U-shaped Roller Bit series and the 120  $^{\circ}$  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



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120° U–Shaped Roller Bit



Starry Sky Roller Bit



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## **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.

#### **<u>120° U–Shaped Roller Bit:</u>**

- 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.

