

Tianying Rock Drilling Tools

Product catalogue — TCI Drill Bit

Tianying can offer worldwide customers the market's most complete Rock Rotary Drilling Tools.

Our commitment is to develop, manufacture, and distribute the highest quality, most cost-effective rock drilling tools for the mining drilling industry.



Product: 7 7/8" IADC435

Applications

Application for drilling in soft formations with low compressive, such as shale, soft limestone, sandstone, conglomerate and coal bed, etc.

Specification

IADC Code: 435

Bit Diameter: 7 7/8" (200mm)

Circulation Type: Jet Air

Pin Connection: API 4 1/2" REG

Product Weight: 36KG

Bearing Type: Roller-ball-roller-Thrust Button/Sealed Bearing

Shirttail Protection: Wear resistant carbide on shirttail lip and lug

Operating Suggestions

Weight On Bit: 9000-36000 LBS

Rotary Speed: 90-120 RMP

Air Back Pressure: 0.2-0.4 Mpa



Product: 7 7/8" IADC545

Applications

Application for drilling in soft formations with low compressive strength and high drillability, such as shale, soft limestone, soft dolomite and coal bed, etc.

Specification

IADC Code: 545

Bit Diameter: 7 7/8" (200mm)

Circulation Type: Jet Air

Pin Connection: API 4 1/2" REG

Product Weight: 36KG

Bearing Type: Roller-ball-roller-Thrust Button/Sealed Bearing

Shirttail Protection: Wear resistant carbide on shirttail lip and lug

Operating Suggestions

Weight On Bit: 15750-39380 LBS

Rotary Speed: 80-110 RPM

Air Back Pressure: 0.2-0.4 Mpa



Product: 9 7/8" IADC635

Applications

Application for drilling in medium hard and abrasive formations with high compressive strength and high drillability, such as limestone, sandstone, dolomite, coal bed and chert etc.

Specification

IADC Code: 635

Bit Diameter: 9 7/8" (250mm)

Circulation Type: Jet Air

Pin Connection: API 6 5/8" REG

Product Weight: 67KG

Bearing Type: Roller-ball-roller-Thrust Button/Sealed Bearing

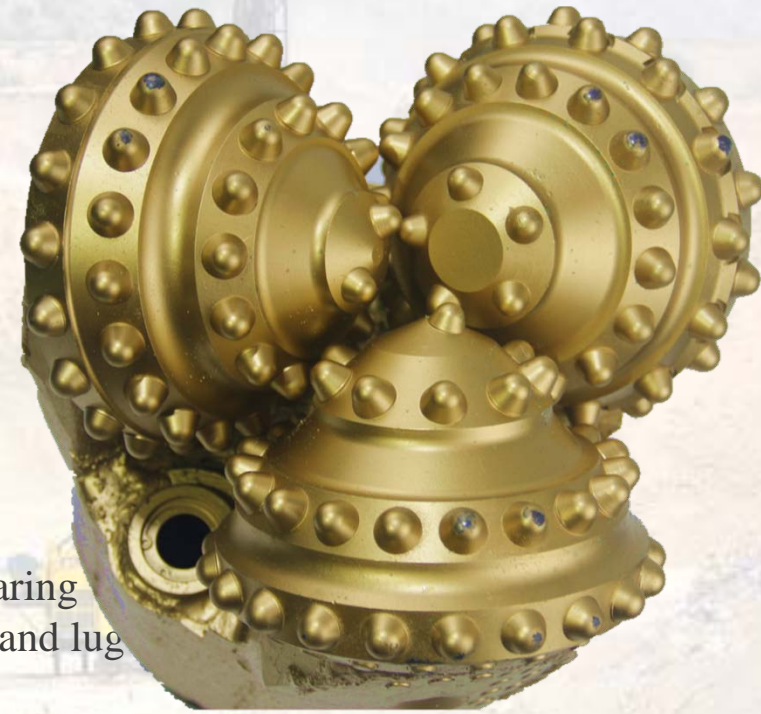
Shirttail Protection: Wear resistant carbide on shirttail lip and lug

Operating Suggestions

Weight On Bit: 29630-59250 LBS

Rotary Speed: 60-100 RMP

Air Back Pressure: 0.2-0.4 Mpa



Product: 9 7/8" IADC725

Applications

Application for drilling in hard formations with high compressive strength and high abrasiveness, such as granite, limestone, sandy sandstone, dolomite and firestone ect.

Specification

IADC Code: 725

Bit Diameter: 9 7/8" (250mm)

Circulation Type: Jet Air

Pin Connection: API 6 5/8" REG

Product Weight: 67KG

Bearing Type: Roller-ball-roller-Thrust Button/Sealed Bearing

Shirttail Protection: Wear resistant carbide on shirttail lip and lug

Operating Suggestions

Weight On Bit: 39500-59000 LBS

Rotary Speed: 60-90 RPM

Air Back Pressure: 0.2-0.4 Mpa



Product: 9 7/8" IADC745

Applications

Application for drilling in hard and abrasive formations with high compressive such as granite, limestone, sandy sandstone, dolomite and chert ect.

Specification

IADC Code: 745

Bit Diameter: 9 7/8" (250mm)

Circulation Type: Jet Air

Pin Connection: API 6 5/8" REG

Product Weight: 67KG

Bearing Type: Roller-ball-roller-Thrust Button/Sealed Bearing

Shirttail Protection: Wear resistant carbide on shirttail lip and lug

Operating Suggestions

Weight On Bit: 45200-78500 LBS

Rotary Speed: 50-80 RPM

Air Back Pressure: 0.2-0.4 Mpa



The above represents commonly available sizes and types, we do produce other sizes and types of rock drill bits which do not appear on . Please contact us for more information.

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