



Technical Data

Model Type: 8 1/2" (216mm)
IADC Code :537

Operating Suggestions

Weight on Bit: 0.4~1.05 KN/mm
Rotary Speed: 40~110 r/min

Air Pack Pressure: 0.2-0.4 Mpa

Applications

Soft to medium formations with low compressive strength, such as medium soft shale, medium soft limestone, medium soft sandstone, medium formation with harder and abrasive interbeds, etc.

Bit Legs Protection

Bit Legs Protection Carbide alloy button insert on the legs' surface, back and top space of legs build up welding of abrasion-resistant alloy.

Parameters

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Bearing structure	Roller-Ball-Second Thrust-Roller-First Thrust/Sealing, abrasion-resistance carbide button insert on the bearing surface.
Bearing structure	Jet Air
Cutting Structure	Inner Rows: Ballistic Gage / Rows: Ballistic Gage Bevel / Protection: Spherical
Pin connection	API 4 1/2" REG
Nozzel	Φ20, Φ22, Φ25mm(3 pcs)Interchangeable
Metric Bit Diameter	216mm
Product Weight	45 KG