

9" IADC435

CUTTING STRUCTURE

Gauge rows are chisel type and inner rows are conical type.

Designed for very soft formation with low compressive strengths and high drillability such as shale, soft limestone, sandstone, conglomerate, soft dolomite and coal ore.

Application: 6,000-9,000 PSI



SHIRTTAIL PROTECTION:

Hard metal on lug;

Wear resistant carbide on shirrtail lip and lug.

PRODUCT SPECIFICATION:

IADC Code: 435

Bearing Type: Roller-Ball-Roller-Thrust Button/Sealed bearing

Circulation Type: Jet Air

Cutting Structure:

- Inner and Nose rows: Conical
- Gauge rows: Chisel
- Heel rows: round

Pin Connection: 4 1/2" API

Bit Diameter: 229 mm (9")

Product Weight: 50KG (110Lbs)

OPERATING SUGGESTIONS

Weight on Bit: 9000-36000 Lbs

Rotary Speed: 120-90 RPM

Air Back Pressure: 0.2-0.4 Mpa