

## 12 1/4" IADC825

### CUTTING STRUCTURE

Gauge rows are ovoid type and inner rows are ogive type.

Designed for very hard and abrasive formation with high compressive strengths such as magnetite quartzite, quartzite, granite.

Application: 46,000-56,000 PSI

### SHIRTTAIL PROTECTION:

Hard metal on lug;

Wear resistant carbide on shirrtail lip and lug.

### PRODUCT SPECIFICATION:

IADC Code: 845

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

Circulation Type: Jet Air

Cutting Structure:

- Inner and Nose rows: Ogive

- Gauge rows: Ovoid

Heel rows: round Pin

Pin Connection: 6 5/8" API

Bit Diameter: 311mm (12 1/4")

Product Weight: 98KG (216Lbs)

### OPERATING SUGGESTIONS

Weight on Bit: 49000-85750 Lbs

Rotary Speed: 80-50 RPM

Air Back Pressure: 0.2-0.4 Mpa

