

## 12 1/4" (311mm) PT735

Assembly: 920014 IADC: 7-3-5

## **DESIGN SPECIFICATION**

Type: Tri-cone

Bearing Type: O-ring Sealed Configuration: Roller-Ball-Roller

**Cutting Structure:** TCI Gage Rows: Round Inner Rows: Bullet Nose Rows: Bullet Bevel Rows: Round Full Armor **Head Type:** Standard Hardfacing: Armor: Round (TCI)

**Head Feature:** Fluid Dynamic Profile

**Bit Connection:** 6 5/8" Reg. API **Circulation Type:** Jet Nozzle

Bit Weight: 229 lbs / 104 kg

## **GENERAL OPERATING PARAMETERS**

Rotary Speed: 40 - 100 rpm

**Weight on Bit:** 60,000 – 120,000 lbs

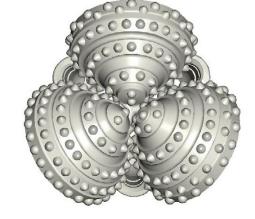
## **DRILLING APPLICATION**

PDB Tools Inc. provides advanced technical products and solutions for the mining, exploration, construction, water well, oil and gas industries. The *12 1/4" PT735* pilot bits are designed for drilling hard to very hard formations, with rock compressive strengths greater than 35,000 psi. Formations drilled may consist of very hard quartzite, diorite, basalt, and lava.

PDB Tools Pilot Bits are designed for high penetration rates and extended bit life in tough drilling conditions.

Designed with the latest technology and manufactured using enhanced CNC machining techniques.

Innovation, Performance and Value





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