



13 3/4" (350mm) PT735

Assembly: 920016

IADC: 7-3-5

DESIGN SPECIFICATION

Type:	Tri-cone
Bearing Type:	O-ring Sealed
Configuration:	Roller-Ball-Roller
Cutting Structure:	TCI
Gage Rows:	Bullet
Inner Rows:	Bullet
Nose Rows:	Bullet
Bevel Rows:	Round
Head Type:	Full Armor
Hardfacing:	Standard
Armor:	Round (TCI)
Head Feature:	Fluid Dynamic Profile
Bit Connection:	6 5/8" Reg. API
Circulation Type:	Jet Nozzle
Bit Weight:	286 lbs / 130 kg

GENERAL OPERATING PARAMETERS

Rotary Speed:	50 – 110 rpm
Weight on Bit:	60,000 – 130,000 lbs

DRILLING APPLICATION

PDB Tools Inc. provides advanced technical products and solutions for the mining, exploration, construction, water well, oil and gas industries. The **13 3/4" 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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