

# 11" (279mm) EX642

Assy : 970006

IADC : 6-4-2



## PRODUCT SPECIFICATIONS

Type: **Tri-cone**  
Bearing Type: **Air Circulation**  
Configuration: **Roller-Ball-Roller**  
Cutting Structure: **TCI**  
Gage Rows: **Conical**  
Inner Rows: **Bullit**  
Nose Rows: **Conical**  
Surf Rows: **Round**

Bit Connection: **6 5/8" Reg. API**  
Circulation Type: **Jet Nozzle**  
Head Type: **Full Armor**  
Hardfacing: **Standard**  
Armor: **Round (TCI)**  
Head Feature: **Fluid Dynamic Profile**  
Reaming: **None**  
Bit Weight: **187 lbs / 85 kg**

## RECOMMENDED OPERATING PARAMETERS

Rotary Speed: 50 – 100 rpm  
Weight on Bit: 30,000 – 80,000 lbs.

PDB Tools Inc. provides advanced technical products and solutions for the mining, exploration, construction, water well, oil, and gas industries. The **11" EX642** blasthole bits are designed for drilling medium to hard formations, with rock compressive strength ranging from 25,000 to 50,000 psi. Formation drilled may consist of hard shale, limestone, quartzite, slate, and basalt. Designed with the latest technology and manufacturing, PDB Tools rock bits are the next evolution.

Part of the *EvoX* line of products. **"Join the Evolution X"**

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