

DESIGN SPECIFICATION

Type:	Tri-cone
Bearing Type:	Air Circulation
Configuration:	Roller-Ball-Roller
Cutting Structure:	TCI
Gage Rows:	Conical
Inner Rows:	Conical
Nose Rows:	Conical
Bevel Rows:	Round
Head Type:	Full Armor
Hardfacing:	Standard
Armor:	Round (TCI)
Head Feature:	Fluid Dynamic Profile
Bit Connection:	4 1/2" Reg. API
Circulation Type:	Jet Nozzle
Bit Weight:	95 lbs / 43 kg

GENERAL OPERATING PARAMETERS

Rotary Speed:	50 – 110 rpm
Weight on Bit:	20,000 – 45,000 lbs

DRILLING APPLICATION

PDB Tools Inc. provides advanced technical products and solutions for the mining, exploration, construction, water well, oil and gas industries. The **9" GX542** blasthole bits are designed for drilling soft to medium hard formations, with rock compressive strength ranging from 10,000 to 35,000 psi. Formation drilled may consist of shale, limestone, quartzite, slate, sandstone, and granite. Designed with the latest technology and manufacturing, PDB Tools rock bits are the next evolution.

Innovation, Performance and Value

