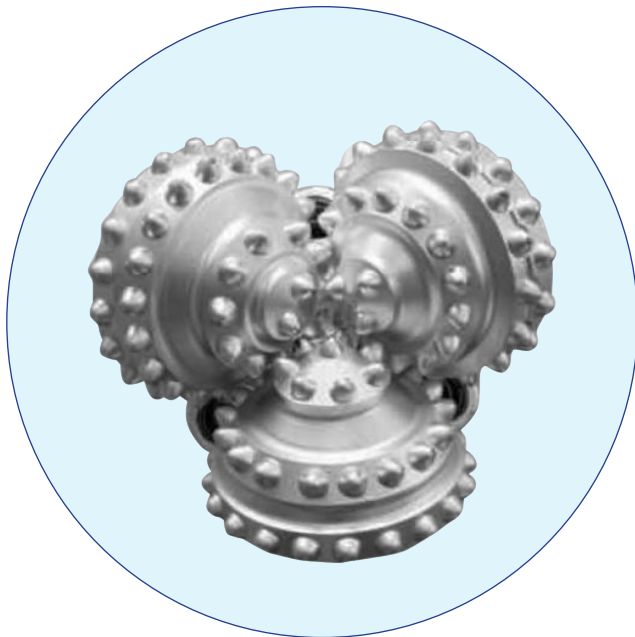
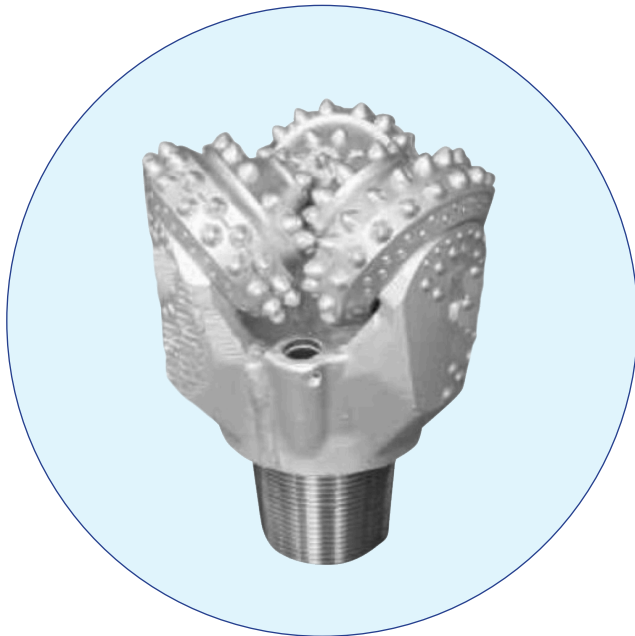


12 1/4" (311 mm) DX 642 IADC-6-4-2



Product Specifications

Type:	Tri-cone
Bearing Type:	Air Circulation
Configuration:	Roller-Ball-Roller
Cutting Structure:	TCI
Gage Rows:	Conical
Inner Rows:	Bullit
Nose Rows:	Bullit
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:	229 lbs / 104 kg

Recommended Operating Parameters

Rotary Speed:	50 – 100 rpm
Weight on Bit:	50'000 – 110,000 lbs

Drilling Application

GREAT tools provides advanced technical products and solution for the mining, exploration, construction, water well, oil, and gas industries. The 12 1/4" DX642 blasthole bits are designed for drilling medium to hard formations. with rock compressive strength ranging from 25,000 to 55,000 psi. Formation drilled may consist of hard shale, limestone, quartzite, slate, and basalt. Designed with the latest technology and manufacturing. GREAT Tools rock bits are the next evolution.