

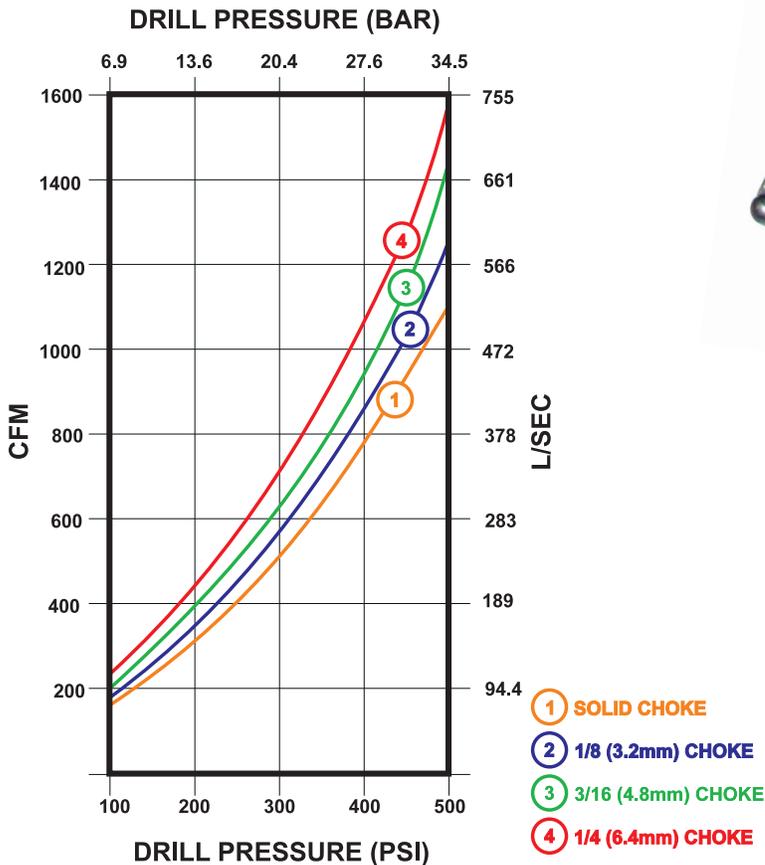


Patriot[®] 50 Down Hole Hammer

FEATURES

- Outdistances competitive hammers in both speed and longevity
- Simplified hammer design with less internal components
- Drills at high frequency to provide less vibration and smooth operation
- More efficient design requires less air which equals fuel savings
- Designed to operate at pressures up to 500 PSI (34.5 BAR)
- Ability to drill efficiently against high heads of water

AIR CONSUMPTION



SPECIFICATIONS

Diameter	4-7/8"	124 mm
Bore	4"	102 mm
Stroke	3-1/2"	89 mm
Weight (Hammer only)	140 lbs	63 kg
Length (Shoulder to Shoulder)	36-7/16"	93 cm
Length (Shoulder to Bit Face)	40-1/8"	102 cm
A.P.I. Reg. Threads	3-1/2	

- 1950 blows per minute at 350 PSI (23.8 BAR)
- Drills holes from 5-1/2" to 6-1/8" (140 mm - 156 mm) in diameter
- Accepts QL50 bit shank

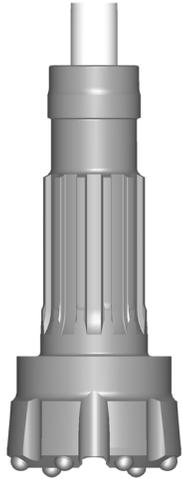
Down Hole Button Bits

Patriot® 50

DIAMETER
inches (millimeters)

WEIGHT*
pounds (kilograms)

FACES AVAILABLE



QL50 Bit Shank

5-1/2"	(140 mm)	33 lbs.	(15 kg)
5-3/4"	(146 mm)	34 lbs.	(16 kg)
6"	(152 mm)	36 lbs.	(16 kg)
6-1/8"	(156 mm)	36 lbs.	(10 kg)

* Bit weights are approximate

Concave



Convex



Flat



FEATURES

- 5/8" (16 mm) diameter carbide gage buttons
- Chipways designed for faster hole cleaning
- Carbide buttons positioned for better fracture of rock providing faster penetration rates
- Several grades and types of carbide are available
- Other bit sizes may be available upon request

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